

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG010625 SAS No.: BG010625 SDG No.: BG010625

Instrument ID: BNA\_G Calibration Date/Time: 1/6/2025 12:16:45

Lab File ID: BG063941.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SICV446 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFICV | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.672 | 0.593  | 0.010   | -11.7342 | 40.0  |
| Benzaldehyde                | 1.075 | 1.152  | 0.010   | 7.2127   | 40.0  |
| Pyridine                    | 1.875 | 1.603  | 0.010   | -14.5018 | 40.0  |
| Phenol                      | 1.891 | 1.856  | 0.080   | -1.8371  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.517 | 1.465  | 0.100   | -3.4298  | 20.0  |
| 2-Chlorophenol              | 1.203 | 1.148  | 0.200   | -4.5712  | 20.0  |
| 2-Methylphenol              | 1.328 | 1.308  | 0.010   | -1.5271  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 2.184 | 2.088  | 0.010   | -4.3976  | 40.0  |
| Acetophenone                | 2.302 | 2.384  | 0.060   | 3.5445   | 20.0  |
| 4-Methylphenol              | 1.445 | 1.374  | 0.010   | -4.8844  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.323 | 1.293  | 0.050   | -2.2504  | 30.0  |
| Hexachloroethane            | 0.565 | 0.549  | 0.100   | -2.8221  | 20.0  |
| Nitrobenzene                | 0.516 | 0.490  | 0.050   | -5.0804  | 25.0  |
| Isophorone                  | 0.928 | 0.890  | 0.050   | -4.0211  | 25.0  |
| 2-Nitrophenol               | 0.164 | 0.167  | 0.050   | 1.6988   | 25.0  |
| 2,4-Dimethylphenol          | 0.370 | 0.316  | 0.050   | -14.5514 | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.525 | 0.512  | 0.050   | -2.4396  | 20.0  |
| 2,4-Dichlorophenol          | 0.322 | 0.309  | 0.060   | -4.0513  | 20.0  |
| Naphthalene                 | 1.051 | 1.043  | 0.200   | -0.7552  | 20.0  |
| 4-Chloroaniline             | 0.392 | 0.395  | 0.010   | 0.8432   | 40.0  |
| Hexachlorobutadiene         | 0.266 | 0.256  | 0.040   | -3.4681  | 30.0  |
| Caprolactam                 | 0.114 | 0.106  | 0.010   | -7.2304  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.338 | 0.334  | 0.040   | -1.2251  | 25.0  |
| 1-Methylnaphthalene         | 0.733 | 0.691  | 0.100   | -5.7419  | 20.0  |
| 2-Methylnaphthalene         | 0.738 | 0.744  | 0.100   | 0.7302   | 20.0  |
| Hexachlorocyclopentadiene   | 0.264 | 0.265  | 0.010   | 0.462    | 40.0  |
| 2,4,6-Trichlorophenol       | 0.373 | 0.358  | 0.090   | -4.0629  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.379 | 0.375  | 0.100   | -1.1004  | 25.0  |
| 1,1-Biphenyl                | 1.439 | 1.444  | 0.200   | 0.3357   | 20.0  |
| 2-Chloronaphthalene         | 1.163 | 1.088  | 0.300   | -6.4418  | 20.0  |
| 2-Nitroaniline              | 0.363 | 0.358  | 0.050   | -1.4005  | 40.0  |
| Dimethylphthalate           | 1.440 | 1.387  | 0.300   | -3.6562  | 20.0  |
| 2,6-Dinitrotoluene          | 0.274 | 0.292  | 0.080   | 6.5122   | 30.0  |
| Acenaphthylene              | 1.784 | 1.788  | 0.400   | 0.2064   | 20.0  |
| 3-Nitroaniline              | 0.247 | 0.271  | 0.010   | 9.8396   | 40.0  |
| Acenaphthene                | 1.259 | 1.221  | 0.200   | -3.0119  | 20.0  |
| 2,4-Dinitrophenol           | 0.138 | 0.151  | 0.010   | 9.9098   | 40.0  |
| 4-Nitrophenol               | 0.176 | 0.152  | 0.010   | -13.3076 | 40.0  |
| Dibenzofuran                | 1.823 | 1.781  | 0.300   | -2.3321  | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG010625 SAS No.: BG010625 SDG No.: BG010625

Instrument ID: BNA\_G Calibration Date/Time: 1/6/2025 12:16:45

Lab File ID: BG063941.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SICV446 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFICV | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.410 | 0.398  | 0.070   | -2.8062  | 30.0  |
| Diethylphthalate              | 1.377 | 1.350  | 0.300   | -1.9692  | 20.0  |
| Fluorene                      | 1.414 | 1.381  | 0.200   | -2.3634  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.774 | 0.752  | 0.100   | -2.7845  | 20.0  |
| 4-Nitroaniline                | 0.242 | 0.282  | 0.010   | 16.8883  | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.108 | 0.095  | 0.010   | -11.6489 | 40.0  |
| N-Nitrosodiphenylamine        | 0.524 | 0.507  | 0.050   | -3.18    | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.700 | 0.688  | 0.100   | -1.6173  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.221 | 0.210  | 0.070   | -4.8738  | 20.0  |
| Hexachlorobenzene             | 0.249 | 0.235  | 0.050   | -5.8479  | 25.0  |
| Atrazine                      | 0.237 | 0.219  | 0.010   | -7.4772  | 25.0  |
| Pentachlorophenol             | 0.086 | 0.069  | 0.010   | -19.2402 | 40.0  |
| Phenanthrene                  | 1.103 | 1.024  | 0.200   | -7.1174  | 20.0  |
| Pentachlorobenzene            | 0.308 | 0.274  | 0.050   | -11.106  | 20.0  |
| Anthracene                    | 1.113 | 1.050  | 0.200   | -5.7097  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.304 | 0.277  | 0.050   | -8.7765  | 20.0  |
| Carbazole                     | 0.929 | 0.921  | 0.050   | -0.8288  | 40.0  |
| Di-n-butylphthalate           | 1.041 | 1.015  | 0.500   | -2.541   | 25.0  |
| Fluoranthene                  | 1.170 | 1.159  | 0.400   | -0.9261  | 25.0  |
| Pyrene                        | 1.265 | 1.249  | 0.400   | -1.2627  | 25.0  |
| Butylbenzylphthalate          | 0.341 | 0.355  | 0.100   | 4.1675   | 40.0  |
| 3,3-Dichlorobenzidine         | 0.340 | 0.388  | 0.010   | 14.036   | 40.0  |
| Benzo (a) anthracene          | 1.304 | 1.255  | 0.300   | -3.7084  | 30.0  |
| Chrysene                      | 1.259 | 1.218  | 0.200   | -3.2098  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.542 | 0.574  | 0.200   | 5.8599   | 40.0  |
| Di-n-octyl phthalate          | 0.943 | 0.943  | 0.010   | 0.0648   | 40.0  |
| Benzo (b) fluoranthene        | 1.210 | 1.181  | 0.200   | -2.4016  | 25.0  |
| Benzo (k) fluoranthene        | 1.263 | 1.213  | 0.200   | -3.9851  | 25.0  |
| Benzo (a) pyrene              | 1.155 | 1.161  | 0.200   | 0.5124   | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.393 | 1.397  | 0.200   | 0.29     | 25.0  |
| Dibenzo (a,h) anthracene      | 1.107 | 1.112  | 0.200   | 0.4742   | 30.0  |
| Benzo (g,h,i) perylene        | 1.099 | 1.049  | 0.200   | -4.5109  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.313 | 0.311  | 0.040   | -0.7683  | 20.0  |
| 1,4-Dioxane-d8                | 0.590 | 0.543  | 0.010   | -8.0105  | 25.0  |
| Pyridine-d5                   | 1.797 | 1.763  | 0.010   | -1.907   | 40.0  |
| Phenol-d5                     | 1.776 | 1.794  | 0.010   | 1.027    | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.256 | 1.442  | 0.050   | 14.7681  | 25.0  |
| 2-Chlorophenol-d4             | 1.166 | 1.174  | 0.200   | 0.6691   | 20.0  |
| 4-Methylphenol-d8             | 1.331 | 1.389  | 0.010   | 4.3376   | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG010625 SAS No.: BG010625 SDG No.: BG010625

Instrument ID: BNA\_G Calibration Date/Time: 1/6/2025 12:16:45

Lab File ID: BG063941.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SICV446 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFICV | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.152 | 0.159  | 0.050      | 4.8697   | 20.0  |
| 2-Nitrophenol-d4              | 0.163 | 0.171  | 0.050      | 5.1135   | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.327 | 0.338  | 0.060      | 3.4932   | 20.0  |
| 4-Chloroaniline-d4            | 0.413 | 0.418  | 0.010      | 1.286    | 40.0  |
| Dimethylphthalate-d6          | 1.432 | 1.482  | 0.300      | 3.4665   | 20.0  |
| Acenaphthylene-d8             | 1.698 | 1.760  | 0.400      | 3.6422   | 20.0  |
| 4-Nitrophenol-d4              | 0.194 | 0.171  | 0.010      | -11.4223 | 40.0  |
| Fluorene-d10                  | 1.278 | 1.317  | 0.100      | 3.0212   | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.105 | 0.093  | 0.010      | -11.464  | 40.0  |
| Anthracene-d10                | 0.969 | 0.979  | 0.300      | 1.0683   | 20.0  |
| Pyrene-d10                    | 1.028 | 1.073  | 0.300      | 4.3707   | 25.0  |
| Benzo(a)pyrene-d12            | 1.014 | 1.065  | 0.010      | 5.0562   | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |            |              |    |                 |          |      |  |
|--------------------|------------|--------------|----|-----------------|----------|------|--|
| Client:            |            |              |    | Date Collected: |          |      |  |
| Project:           |            |              |    | Date Received:  |          |      |  |
| Client Sample ID:  | SSTD010439 |              |    | SDG No.:        | BG010625 |      |  |
| Lab Sample ID:     | SSTD01095  |              |    | Matrix:         | Water    |      |  |
| Analytical Method: | SFAM_SVOC  |              |    | % Moisture:     | 100      |      |  |
| Sample Wt/Vol:     | 1000       | Units:       | mL | Final Vol:      | 1000000  | uL   |  |
| Soil Aliquot Vol:  |            |              | uL | Test:           |          |      |  |
| Extraction Type :  |            | Decanted :   |    | Level :         | LOW      |      |  |
| Injection Volume : |            | GPC Factor : |    | GPC Cleanup :   |          | PH : |  |

|                   |           |           |                      |               |
|-------------------|-----------|-----------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed        | Prep Batch ID |
| BG063934.D        | 1         |           | 1/6/2025 12:00:00 AM |               |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD   | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |       |            |       |
| 123-91-1       | 1,4-Dioxane                 | 4300  |           | 1200 | 500   | 2000       | ug/L  |
| 100-52-7       | Benzaldehyde                | 12000 |           | 2300 | 5000  | 10000      | ug/L  |
| 110-86-1       | Pyridine                    | 11000 |           | 2200 | 10000 | 10000      | ug/L  |
| 108-95-2       | Phenol                      | 10000 |           | 1500 | 5000  | 10000      | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 11000 |           | 1300 | 5000  | 10000      | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 10000 |           | 1200 | 2500  | 5000       | ug/L  |
| 95-48-7        | 2-Methylphenol              | 8900  | J         | 820  | 5000  | 10000      | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 10000 |           | 1200 | 5000  | 10000      | ug/L  |
| 98-86-2        | Acetophenone                | 10000 |           | 890  | 5000  | 10000      | ug/L  |
| 106-44-5       | 4-Methylphenol              | 9600  | J         | 1200 | 5000  | 10000      | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 9400  |           | 1500 | 2500  | 5000       | ug/L  |
| 67-72-1        | Hexachloroethane            | 11000 |           | 1500 | 2500  | 5000       | ug/L  |
| 98-95-3        | Nitrobenzene                | 10000 |           | 990  | 2500  | 5000       | ug/L  |
| 78-59-1        | Isophorone                  | 10000 |           | 1100 | 2500  | 5000       | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 9700  |           | 1200 | 2500  | 5000       | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 9900  |           | 1100 | 2500  | 5000       | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 11000 |           | 1200 | 2500  | 5000       | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 11000 |           | 930  | 2500  | 5000       | ug/L  |
| 91-20-3        | Naphthalene                 | 10000 |           | 700  | 2500  | 5000       | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 10000 |           | 1800 | 2500  | 10000      | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 10000 |           | 980  | 2500  | 5000       | ug/L  |
| 105-60-2       | Caprolactam                 | 9600  | J         | 2900 | 5000  | 10000      | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 8600  |           | 2000 | 2500  | 5000       | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 9900  |           | 1000 | 2500  | 5000       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 10000 |           | 1600 | 2500  | 5000       | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3900  | J         | 3100 | 5000  | 10000      | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 9200  |           | 810  | 2500  | 5000       | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 9200  |           | 800  | 2500  | 5000       | ug/L  |

## Report of Analysis

|                    |            |              |    |                 |          |      |    |
|--------------------|------------|--------------|----|-----------------|----------|------|----|
| Client:            |            |              |    | Date Collected: |          |      |    |
| Project:           |            |              |    | Date Received:  |          |      |    |
| Client Sample ID:  | SSTD010439 |              |    | SDG No.:        | BG010625 |      |    |
| Lab Sample ID:     | SSTD01095  |              |    | Matrix:         | Water    |      |    |
| Analytical Method: | SFAM_SVOC  |              |    | % Moisture:     | 100      |      |    |
| Sample Wt/Vol:     | 1000       | Units:       | mL | Final Vol:      | 1000000  |      | uL |
| Soil Aliquot Vol:  |            |              | uL | Test:           |          |      |    |
| Extraction Type :  |            | Decanted :   |    | Level :         | LOW      |      |    |
| Injection Volume : |            | GPC Factor : |    | GPC Cleanup :   |          | PH : |    |

|                   |           |           |                      |               |
|-------------------|-----------|-----------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed        | Prep Batch ID |
| BG063934.D        | 1         |           | 1/6/2025 12:00:00 AM |               |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 11000 |           | 990  | 2500 | 5000       | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 11000 |           | 1100 | 2500 | 5000       | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 8800  |           | 1700 | 2500 | 5000       | ug/L  |
| 131-11-3   | Dimethylphthalate          | 11000 |           | 1300 | 2500 | 5000       | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 11000 |           | 1300 | 2500 | 5000       | ug/L  |
| 208-96-8   | Acenaphthylene             | 11000 |           | 1100 | 2500 | 5000       | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 9700  | J         | 1500 | 5000 | 10000      | ug/L  |
| 83-32-9    | Acenaphthene               | 11000 |           | 1100 | 2500 | 5000       | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 3500  | J         | 2800 | 5000 | 10000      | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 6100  | J         | 1400 | 5000 | 10000      | ug/L  |
| 132-64-9   | Dibenzofuran               | 11000 |           | 870  | 2500 | 5000       | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 10000 |           | 1100 | 2500 | 5000       | ug/L  |
| 84-66-2    | Diethylphthalate           | 11000 |           | 870  | 2500 | 5000       | ug/L  |
| 86-73-7    | Fluorene                   | 11000 |           | 870  | 2500 | 5000       | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 10000 |           | 960  | 2500 | 5000       | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 9100  | J         | 1200 | 5000 | 10000      | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 7000  | J         | 1200 | 5000 | 10000      | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 11000 |           | 710  | 2500 | 5000       | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 10000 |           | 900  | 2500 | 5000       | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 10000 |           | 1400 | 2500 | 5000       | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 10000 |           | 560  | 2500 | 5000       | ug/L  |
| 1912-24-9  | Atrazine                   | 11000 |           | 960  | 5000 | 10000      | ug/L  |
| 87-86-5    | Pentachlorophenol          | 5800  | J         | 2500 | 5000 | 10000      | ug/L  |
| 85-01-8    | Phenanthrene               | 11000 |           | 970  | 2500 | 5000       | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 11000 |           | 1200 | 2500 | 5000       | ug/L  |
| 120-12-7   | Anthracene                 | 11000 |           | 720  | 2500 | 5000       | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 10000 |           | 920  | 2500 | 5000       | ug/L  |
| 86-74-8    | Carbazole                  | 12000 |           | 1000 | 5000 | 10000      | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 10000 |           | 810  | 2500 | 5000       | ug/L  |
| 206-44-0   | Fluoranthene               | 10000 |           | 650  | 5000 | 5000       | ug/L  |

## Report of Analysis

|                    |            |              |    |                 |          |      |    |
|--------------------|------------|--------------|----|-----------------|----------|------|----|
| Client:            |            |              |    | Date Collected: |          |      |    |
| Project:           |            |              |    | Date Received:  |          |      |    |
| Client Sample ID:  | SSTD010439 |              |    | SDG No.:        | BG010625 |      |    |
| Lab Sample ID:     | SSTD01095  |              |    | Matrix:         | Water    |      |    |
| Analytical Method: | SFAM_SVOC  |              |    | % Moisture:     | 100      |      |    |
| Sample Wt/Vol:     | 1000       | Units:       | mL | Final Vol:      | 1000000  |      | uL |
| Soil Aliquot Vol:  |            |              | uL | Test:           |          |      |    |
| Extraction Type :  |            | Decanted :   |    | Level :         | LOW      |      |    |
| Injection Volume : |            | GPC Factor : |    | GPC Cleanup :   |          | PH : |    |

|                   |           |           |                      |               |
|-------------------|-----------|-----------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed        | Prep Batch ID |
| BG063934.D        | 1         |           | 1/6/2025 12:00:00 AM |               |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 10000 |           | 530    | 2500 | 5000       | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 8000  |           | 970    | 2500 | 5000       | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 8700  | J         | 1700   | 5000 | 10000      | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 10000 |           | 560    | 2500 | 5000       | ug/L     |
| 218-01-9          | Chrysene                    | 11000 |           | 750    | 2500 | 5000       | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 8600  |           | 870    | 2500 | 5000       | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 9300  | J         | 1500   | 5000 | 10000      | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 11000 |           | 1100   | 2500 | 5000       | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 11000 |           | 1100   | 2500 | 5000       | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 10000 |           | 1100   | 2500 | 5000       | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 10000 |           | 1400   | 2500 | 5000       | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 10000 |           | 1200   | 2500 | 5000       | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 10000 |           | 1100   | 2500 | 5000       | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 8900  |           | 1000   | 2500 | 5000       | ug/L     |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4554  | *         | 15-120 |      | 56925      | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 11152 | *         | 20-120 |      | 27880      | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9340  | *         | 10-130 |      | 23350      | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 9603  | *         | 25-120 |      | 24007      | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 9780  | *         | 20-130 |      | 24450      | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 9214  | *         | 25-125 |      | 23035      | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 10292 | *         | 20-125 |      | 25730      | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 9493  | *         | 20-130 |      | 23732      | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 10254 | *         | 20-120 |      | 25635      | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 9622  | *         | 1-146  |      | 24055      | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 10258 | *         | 25-130 |      | 25645      | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 10837 | *         | 10-130 |      | 27092      | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7619  | *         | 10-150 |      | 19048      | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 10667 | *         | 25-125 |      | 26667      | SPK: -40 |

## Report of Analysis

|                    |            |              |    |                 |          |      |  |
|--------------------|------------|--------------|----|-----------------|----------|------|--|
| Client:            |            |              |    | Date Collected: |          |      |  |
| Project:           |            |              |    | Date Received:  |          |      |  |
| Client Sample ID:  | SSTD010439 |              |    | SDG No.:        | BG010625 |      |  |
| Lab Sample ID:     | SSTD01095  |              |    | Matrix:         | Water    |      |  |
| Analytical Method: | SFAM_SVOC  |              |    | % Moisture:     | 100      |      |  |
| Sample Wt/Vol:     | 1000       | Units:       | mL | Final Vol:      | 1000000  | uL   |  |
| Soil Aliquot Vol:  |            |              | uL | Test:           |          |      |  |
| Extraction Type :  |            | Decanted :   |    | Level :         | LOW      |      |  |
| Injection Volume : |            | GPC Factor : |    | GPC Cleanup :   |          | PH : |  |

|                   |           |           |                      |               |
|-------------------|-----------|-----------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed        | Prep Batch ID |
| BG063934.D        | 1         |           | 1/6/2025 12:00:00 AM |               |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 6928   | *         | 10-130 |     | 17320      | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 11223  | *         | 25-130 |     | 28058      | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 10060  | *         | 15-130 |     | 25150      | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 10297  | *         | 20-130 |     | 25742      | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 86322  | 7.794     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 348543 | 10.585    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 242727 | 14.439    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 567502 | 17.195    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 662084 | 21.448    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 689060 | 24.474    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 990    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |              |    |                 |          |      |    |
|--------------------|------------|--------------|----|-----------------|----------|------|----|
| Client:            |            |              |    | Date Collected: |          |      |    |
| Project:           |            |              |    | Date Received:  |          |      |    |
| Client Sample ID:  | SSTD020440 |              |    | SDG No.:        | BG010625 |      |    |
| Lab Sample ID:     | SSTD02096  |              |    | Matrix:         | Water    |      |    |
| Analytical Method: | SFAM_SVOC  |              |    | % Moisture:     | 100      |      |    |
| Sample Wt/Vol:     | 1000       | Units:       | mL | Final Vol:      | 1000000  |      | uL |
| Soil Aliquot Vol:  |            |              | uL | Test:           |          |      |    |
| Extraction Type :  |            | Decanted :   |    | Level :         | LOW      |      |    |
| Injection Volume : |            | GPC Factor : |    | GPC Cleanup :   |          | PH : |    |

|                   |           |           |                      |               |
|-------------------|-----------|-----------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed        | Prep Batch ID |
| BG063935.D        | 1         |           | 1/6/2025 12:00:00 AM |               |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD   | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |       |            |       |
| 123-91-1       | 1,4-Dioxane                 | 9500  |           | 1200 | 500   | 2000       | ug/L  |
| 100-52-7       | Benzaldehyde                | 25000 |           | 2300 | 5000  | 10000      | ug/L  |
| 110-86-1       | Pyridine                    | 22000 |           | 2200 | 10000 | 10000      | ug/L  |
| 108-95-2       | Phenol                      | 20000 |           | 1500 | 5000  | 10000      | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 21000 |           | 1300 | 5000  | 10000      | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 21000 |           | 1200 | 2500  | 5000       | ug/L  |
| 95-48-7        | 2-Methylphenol              | 20000 |           | 820  | 5000  | 10000      | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 21000 |           | 1200 | 5000  | 10000      | ug/L  |
| 98-86-2        | Acetophenone                | 20000 |           | 890  | 5000  | 10000      | ug/L  |
| 106-44-5       | 4-Methylphenol              | 19000 |           | 1200 | 5000  | 10000      | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 19000 |           | 1500 | 2500  | 5000       | ug/L  |
| 67-72-1        | Hexachloroethane            | 19000 |           | 1500 | 2500  | 5000       | ug/L  |
| 98-95-3        | Nitrobenzene                | 22000 |           | 990  | 2500  | 5000       | ug/L  |
| 78-59-1        | Isophorone                  | 21000 |           | 1100 | 2500  | 5000       | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 21000 |           | 1200 | 2500  | 5000       | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 21000 |           | 1100 | 2500  | 5000       | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 22000 |           | 1200 | 2500  | 5000       | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 22000 |           | 930  | 2500  | 5000       | ug/L  |
| 91-20-3        | Naphthalene                 | 22000 |           | 700  | 2500  | 5000       | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 21000 |           | 1800 | 2500  | 10000      | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 21000 |           | 980  | 2500  | 5000       | ug/L  |
| 105-60-2       | Caprolactam                 | 21000 |           | 2900 | 5000  | 10000      | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 20000 |           | 2000 | 2500  | 5000       | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 21000 |           | 1000 | 2500  | 5000       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 21000 |           | 1600 | 2500  | 5000       | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 12000 |           | 3100 | 5000  | 10000      | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 21000 |           | 810  | 2500  | 5000       | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 22000 |           | 800  | 2500  | 5000       | ug/L  |

## Report of Analysis

|                    |            |              |    |                 |          |      |    |
|--------------------|------------|--------------|----|-----------------|----------|------|----|
| Client:            |            |              |    | Date Collected: |          |      |    |
| Project:           |            |              |    | Date Received:  |          |      |    |
| Client Sample ID:  | SSTD020440 |              |    | SDG No.:        | BG010625 |      |    |
| Lab Sample ID:     | SSTD02096  |              |    | Matrix:         | Water    |      |    |
| Analytical Method: | SFAM_SVOC  |              |    | % Moisture:     | 100      |      |    |
| Sample Wt/Vol:     | 1000       | Units:       | mL | Final Vol:      | 1000000  |      | uL |
| Soil Aliquot Vol:  |            |              | uL | Test:           |          |      |    |
| Extraction Type :  |            | Decanted :   |    | Level :         | LOW      |      |    |
| Injection Volume : |            | GPC Factor : |    | GPC Cleanup :   |          | PH : |    |

|                   |           |           |                      |               |
|-------------------|-----------|-----------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed        | Prep Batch ID |
| BG063935.D        | 1         |           | 1/6/2025 12:00:00 AM |               |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 23000 |           | 990  | 2500 | 5000       | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 23000 |           | 1100 | 2500 | 5000       | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 21000 |           | 1700 | 2500 | 5000       | ug/L  |
| 131-11-3   | Dimethylphthalate          | 22000 |           | 1300 | 2500 | 5000       | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 22000 |           | 1300 | 2500 | 5000       | ug/L  |
| 208-96-8   | Acenaphthylene             | 22000 |           | 1100 | 2500 | 5000       | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 22000 |           | 1500 | 5000 | 10000      | ug/L  |
| 83-32-9    | Acenaphthene               | 22000 |           | 1100 | 2500 | 5000       | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 13000 |           | 2800 | 5000 | 10000      | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 17000 |           | 1400 | 5000 | 10000      | ug/L  |
| 132-64-9   | Dibenzofuran               | 23000 |           | 870  | 2500 | 5000       | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 22000 |           | 1100 | 2500 | 5000       | ug/L  |
| 84-66-2    | Diethylphthalate           | 22000 |           | 870  | 2500 | 5000       | ug/L  |
| 86-73-7    | Fluorene                   | 22000 |           | 870  | 2500 | 5000       | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 22000 |           | 960  | 2500 | 5000       | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 23000 |           | 1200 | 5000 | 10000      | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 18000 |           | 1200 | 5000 | 10000      | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 22000 |           | 710  | 2500 | 5000       | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 22000 |           | 900  | 2500 | 5000       | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 22000 |           | 1400 | 2500 | 5000       | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 22000 |           | 560  | 2500 | 5000       | ug/L  |
| 1912-24-9  | Atrazine                   | 23000 |           | 960  | 5000 | 10000      | ug/L  |
| 87-86-5    | Pentachlorophenol          | 15000 |           | 2500 | 5000 | 10000      | ug/L  |
| 85-01-8    | Phenanthrene               | 23000 |           | 970  | 2500 | 5000       | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 23000 |           | 1200 | 2500 | 5000       | ug/L  |
| 120-12-7   | Anthracene                 | 23000 |           | 720  | 2500 | 5000       | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 23000 |           | 920  | 2500 | 5000       | ug/L  |
| 86-74-8    | Carbazole                  | 24000 |           | 1000 | 5000 | 10000      | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 22000 |           | 810  | 2500 | 5000       | ug/L  |
| 206-44-0   | Fluoranthene               | 21000 |           | 650  | 5000 | 5000       | ug/L  |

## Report of Analysis

|                    |            |              |    |                 |          |      |    |
|--------------------|------------|--------------|----|-----------------|----------|------|----|
| Client:            |            |              |    | Date Collected: |          |      |    |
| Project:           |            |              |    | Date Received:  |          |      |    |
| Client Sample ID:  | SSTD020440 |              |    | SDG No.:        | BG010625 |      |    |
| Lab Sample ID:     | SSTD02096  |              |    | Matrix:         | Water    |      |    |
| Analytical Method: | SFAM_SVOC  |              |    | % Moisture:     | 100      |      |    |
| Sample Wt/Vol:     | 1000       | Units:       | mL | Final Vol:      | 1000000  |      | uL |
| Soil Aliquot Vol:  |            |              | uL | Test:           |          |      |    |
| Extraction Type :  |            | Decanted :   |    | Level :         | LOW      |      |    |
| Injection Volume : |            | GPC Factor : |    | GPC Cleanup :   |          | PH : |    |

|                   |           |           |                      |               |
|-------------------|-----------|-----------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed        | Prep Batch ID |
| BG063935.D        | 1         |           | 1/6/2025 12:00:00 AM |               |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 21000 |           | 530    | 2500 | 5000       | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 18000 |           | 970    | 2500 | 5000       | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 21000 |           | 1700   | 5000 | 10000      | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 22000 |           | 560    | 2500 | 5000       | ug/L     |
| 218-01-9          | Chrysene                    | 22000 |           | 750    | 2500 | 5000       | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 20000 |           | 870    | 2500 | 5000       | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 21000 |           | 1500   | 5000 | 10000      | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 22000 |           | 1100   | 2500 | 5000       | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 22000 |           | 1100   | 2500 | 5000       | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 23000 |           | 1100   | 2500 | 5000       | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 22000 |           | 1400   | 2500 | 5000       | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 22000 |           | 1200   | 2500 | 5000       | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 22000 |           | 1100   | 2500 | 5000       | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 20000 |           | 1000   | 2500 | 5000       | ug/L     |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 9763  | *         | 15-120 |      | 122038     | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22745 | *         | 20-120 |      | 56863      | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 19768 | *         | 10-130 |      | 49420      | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 20427 | *         | 25-120 |      | 51067      | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 20684 | *         | 20-130 |      | 51710      | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 18756 | *         | 25-125 |      | 46890      | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 22268 | *         | 20-125 |      | 55670      | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 20679 | *         | 20-130 |      | 51697      | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 21560 | *         | 20-120 |      | 53900      | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20988 | *         | 1-146  |      | 52470      | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 21914 | *         | 25-130 |      | 54785      | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 22611 | *         | 10-130 |      | 56528      | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 18908 | *         | 10-150 |      | 47270      | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 22253 | *         | 25-125 |      | 55633      | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                 |
|--------------------|------------------------|-----------------|-----------------|
| Client:            |                        | Date Collected: |                 |
| Project:           |                        | Date Received:  |                 |
| Client Sample ID:  | SSTD020440             | SDG No.:        | BG010625        |
| Lab Sample ID:     | SSTD02096              | Matrix:         | Water           |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100             |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000000      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                 |
| Extraction Type :  | Decanted :             | Level :         | LOW             |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :            |

|                   |           |           |                      |               |
|-------------------|-----------|-----------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed        | Prep Batch ID |
| BG063935.D        | 1         |           | 1/6/2025 12:00:00 AM |               |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 18283  | *         | 10-130 |     | 45708      | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 22964  | *         | 25-130 |     | 57410      | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 20638  | *         | 15-130 |     | 51595      | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 22363  | *         | 20-130 |     | 55908      | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 85557  | 7.795     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 336049 | 10.58     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 230899 | 14.44     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 538814 | 17.195    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 640601 | 21.449    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 700381 | 24.475    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 990    | U         |        |     | 99         | ug/L     |

### Hit Summary Sheet SW-846

SDG No.: BG010625

Client:

| Sample ID          | Client ID         | Parameter | Concentration               | C | MDL         | RDL  | Units      |
|--------------------|-------------------|-----------|-----------------------------|---|-------------|------|------------|
| <b>Client ID :</b> | <b>SSTD010439</b> |           |                             |   |             |      |            |
| SSTD01095          | SSTD010439        | Water     | Total Alkanes               | * | 0.000       | 990  | 5000 ug/L  |
|                    |                   |           | <b>Total Tics :</b>         |   | <b>0.00</b> |      |            |
| SSTD01095          | SSTD010439        | Water     | 1,1-Biphenyl                |   | 11,000.000  | 990  | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 1,2,3,4-Tetrachlorobenzene  |   | 10,000.000  | 920  | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 1,2,4,5-Tetrachlorobenzene  |   | 10,000.000  | 900  | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 1,4-Dioxane                 |   | 4,300.000   | 1200 | 2000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 1-Methylnaphthalene         |   | 9,900.000   | 1000 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 2,2-oxybis(1-Chloropropane) |   | 10,000.000  | 1200 | 10000 ug/L |
| SSTD01095          | SSTD010439        | Water     | 2,3,4,6-Tetrachlorophenol   |   | 8,900.000   | 1000 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 2,4,5-Trichlorophenol       |   | 9,200.000   | 800  | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 2,4,6-Trichlorophenol       |   | 9,200.000   | 810  | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 2,4-Dichlorophenol          |   | 11,000.000  | 930  | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 2,4-Dimethylphenol          |   | 9,900.000   | 1100 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 2,4-Dinitrophenol           | J | 3,500.000   | 2800 | 10000 ug/L |
| SSTD01095          | SSTD010439        | Water     | 2,4-Dinitrotoluene          |   | 10,000.000  | 1100 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 2,6-Dinitrotoluene          |   | 11,000.000  | 1300 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 2-Chloronaphthalene         |   | 11,000.000  | 1100 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 2-Chlorophenol              |   | 10,000.000  | 1200 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 2-Methylnaphthalene         |   | 10,000.000  | 1600 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 2-Methylphenol              | J | 8,900.000   | 820  | 10000 ug/L |
| SSTD01095          | SSTD010439        | Water     | 2-Nitroaniline              |   | 8,800.000   | 1700 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 2-Nitrophenol               |   | 9,700.000   | 1200 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 3,3-Dichlorobenzidine       | J | 8,700.000   | 1700 | 10000 ug/L |
| SSTD01095          | SSTD010439        | Water     | 3-Nitroaniline              | J | 9,700.000   | 1500 | 10000 ug/L |
| SSTD01095          | SSTD010439        | Water     | 4,6-Dinitro-2-methylphenol  | J | 7,000.000   | 1200 | 10000 ug/L |
| SSTD01095          | SSTD010439        | Water     | 4-Bromophenyl-phenylether   |   | 10,000.000  | 1400 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 4-Chloro-3-methylphenol     |   | 8,600.000   | 2000 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 4-Chloroaniline             |   | 10,000.000  | 1800 | 10000 ug/L |
| SSTD01095          | SSTD010439        | Water     | 4-Chlorophenyl-phenylether  |   | 10,000.000  | 960  | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | 4-Methylphenol              | J | 9,600.000   | 1200 | 10000 ug/L |
| SSTD01095          | SSTD010439        | Water     | 4-Nitroaniline              | J | 9,100.000   | 1200 | 10000 ug/L |
| SSTD01095          | SSTD010439        | Water     | 4-Nitrophenol               | J | 6,100.000   | 1400 | 10000 ug/L |
| SSTD01095          | SSTD010439        | Water     | Acenaphthene                |   | 11,000.000  | 1100 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | Acenaphthylene              |   | 11,000.000  | 1100 | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | Acetophenone                |   | 10,000.000  | 890  | 10000 ug/L |
| SSTD01095          | SSTD010439        | Water     | Anthracene                  |   | 11,000.000  | 720  | 5000 ug/L  |
| SSTD01095          | SSTD010439        | Water     | Atrazine                    |   | 11,000.000  | 960  | 10000 ug/L |

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

**SDG No.:** BG010625

**Client:**

| Sample ID | Client ID  |       | Parameter                  | Concentration | C | MDL  | RDL   | Units |
|-----------|------------|-------|----------------------------|---------------|---|------|-------|-------|
| SSTD01095 | SSTD010439 | Water | Benzaldehyde               | 12,000.000    |   | 2300 | 10000 | ug/L  |
| SSTD01095 | SSTD010439 | Water | Benzo(a)anthracene         | 10,000.000    |   | 560  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Benzo(a)pyrene             | 10,000.000    |   | 1100 | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Benzo(b)fluoranthene       | 11,000.000    |   | 1100 | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Benzo(g,h,i)perylene       | 10,000.000    |   | 1100 | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Benzo(k)fluoranthene       | 11,000.000    |   | 1100 | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Bis(2-Chloroethoxy)methane | 11,000.000    |   | 1200 | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Bis(2-Chloroethyl)ether    | 11,000.000    |   | 1300 | 10000 | ug/L  |
| SSTD01095 | SSTD010439 | Water | Bis(2-ethylhexyl)phthalate | 8,600.000     |   | 870  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Butylbenzylphthalate       | 8,000.000     |   | 970  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Caprolactam                | 9,600.000     | J | 2900 | 10000 | ug/L  |
| SSTD01095 | SSTD010439 | Water | Carbazole                  | 12,000.000    |   | 1000 | 10000 | ug/L  |
| SSTD01095 | SSTD010439 | Water | Chrysene                   | 11,000.000    |   | 750  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Di-n-butylphthalate        | 10,000.000    |   | 810  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Di-n-octyl phthalate       | 9,300.000     | J | 1500 | 10000 | ug/L  |
| SSTD01095 | SSTD010439 | Water | Dibenzo(a,h)anthracene     | 10,000.000    |   | 1200 | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Dibenzofuran               | 11,000.000    |   | 870  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Diethylphthalate           | 11,000.000    |   | 870  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Dimethylphthalate          | 11,000.000    |   | 1300 | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Fluoranthene               | 10,000.000    |   | 650  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Fluorene                   | 11,000.000    |   | 870  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Hexachlorobenzene          | 10,000.000    |   | 560  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Hexachlorobutadiene        | 10,000.000    |   | 980  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Hexachlorocyclopentadiene  | 3,900.000     | J | 3100 | 10000 | ug/L  |
| SSTD01095 | SSTD010439 | Water | Hexachloroethane           | 11,000.000    |   | 1500 | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Indeno(1,2,3-cd)pyrene     | 10,000.000    |   | 1400 | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Isophorone                 | 10,000.000    |   | 1100 | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | N-Nitroso-di-n-propylamine | 9,400.000     |   | 1500 | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | N-Nitrosodiphenylamine     | 11,000.000    |   | 710  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Naphthalene                | 10,000.000    |   | 700  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Nitrobenzene               | 10,000.000    |   | 990  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Pentachlorobenzene         | 11,000.000    |   | 1200 | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Pentachlorophenol          | 5,800.000     | J | 2500 | 10000 | ug/L  |
| SSTD01095 | SSTD010439 | Water | Phenanthrene               | 11,000.000    |   | 970  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Phenol                     | 10,000.000    |   | 1500 | 10000 | ug/L  |
| SSTD01095 | SSTD010439 | Water | Pyrene                     | 10,000.000    |   | 530  | 5000  | ug/L  |
| SSTD01095 | SSTD010439 | Water | Pyridine                   | 11,000.000    |   | 2200 | 10000 | ug/L  |

**Total Svoc :** **701,700.00**

**Total Concentration:** **701,700.00**

**Client ID :** **SSTD020440**

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

**SDG No.:** BG010625

**Client:**

| Sample ID | Client ID  |       | Parameter                   | Concentration | C     | MDL         | RDL   | Units |
|-----------|------------|-------|-----------------------------|---------------|-------|-------------|-------|-------|
| SSTD02096 | SSTD020440 | Water | Total Alkanes               | *             | 0.000 | 990         | 5000  | ug/L  |
|           |            |       | <b>Total Tics :</b>         |               |       | <b>0.00</b> |       |       |
| SSTD02096 | SSTD020440 | Water | 1,1-Biphenyl                | 23,000.000    |       | 990         | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 1,2,3,4-Tetrachlorobenzene  | 23,000.000    |       | 920         | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 1,2,4,5-Tetrachlorobenzene  | 22,000.000    |       | 900         | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 1,4-Dioxane                 | 9,500.000     |       | 1200        | 2000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 1-Methylnaphthalene         | 21,000.000    |       | 1000        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2,2-oxybis(1-Chloropropane) | 21,000.000    |       | 1200        | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2,3,4,6-Tetrachlorophenol   | 20,000.000    |       | 1000        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2,4,5-Trichlorophenol       | 22,000.000    |       | 800         | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2,4,6-Trichlorophenol       | 21,000.000    |       | 810         | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2,4-Dichlorophenol          | 22,000.000    |       | 930         | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2,4-Dimethylphenol          | 21,000.000    |       | 1100        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2,4-Dinitrophenol           | 13,000.000    |       | 2800        | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2,4-Dinitrotoluene          | 22,000.000    |       | 1100        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2,6-Dinitrotoluene          | 22,000.000    |       | 1300        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2-Chloronaphthalene         | 23,000.000    |       | 1100        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2-Chlorophenol              | 21,000.000    |       | 1200        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2-Methylnaphthalene         | 21,000.000    |       | 1600        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2-Methylphenol              | 20,000.000    |       | 820         | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2-Nitroaniline              | 21,000.000    |       | 1700        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 2-Nitrophenol               | 21,000.000    |       | 1200        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 3,3-Dichlorobenzidine       | 21,000.000    |       | 1700        | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | 3-Nitroaniline              | 22,000.000    |       | 1500        | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | 4,6-Dinitro-2-methylphenol  | 18,000.000    |       | 1200        | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | 4-Bromophenyl-phenylether   | 22,000.000    |       | 1400        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 4-Chloro-3-methylphenol     | 20,000.000    |       | 2000        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 4-Chloroaniline             | 21,000.000    |       | 1800        | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | 4-Chlorophenyl-phenylether  | 22,000.000    |       | 960         | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | 4-Methylphenol              | 19,000.000    |       | 1200        | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | 4-Nitroaniline              | 23,000.000    |       | 1200        | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | 4-Nitrophenol               | 17,000.000    |       | 1400        | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | Acenaphthene                | 22,000.000    |       | 1100        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | Acenaphthylene              | 22,000.000    |       | 1100        | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | Acetophenone                | 20,000.000    |       | 890         | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | Anthracene                  | 23,000.000    |       | 720         | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | Atrazine                    | 23,000.000    |       | 960         | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | Benzaldehyde                | 25,000.000    |       | 2300        | 10000 | ug/L  |
| SSTD02096 | SSTD020440 | Water | Benzo(a)anthracene          | 22,000.000    |       | 560         | 5000  | ug/L  |
| SSTD02096 | SSTD020440 | Water | Benzo(a)pyrene              | 23,000.000    |       | 1100        | 5000  | ug/L  |

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

**SDG No.:** BG010625

**Client:**

| Sample ID                   | Client ID  |       | Parameter                  | Concentration       | C | MDL  | RDL   | Units |
|-----------------------------|------------|-------|----------------------------|---------------------|---|------|-------|-------|
| SSTD02096                   | SSTD020440 | Water | Benzo(b)fluoranthene       | 22,000.000          |   | 1100 | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Benzo(g,h,i)perylene       | 22,000.000          |   | 1100 | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Benzo(k)fluoranthene       | 22,000.000          |   | 1100 | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Bis(2-Chloroethoxy)methane | 22,000.000          |   | 1200 | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Bis(2-Chloroethyl)ether    | 21,000.000          |   | 1300 | 10000 | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Bis(2-ethylhexyl)phthalate | 20,000.000          |   | 870  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Butylbenzylphthalate       | 18,000.000          |   | 970  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Caprolactam                | 21,000.000          |   | 2900 | 10000 | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Carbazole                  | 24,000.000          |   | 1000 | 10000 | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Chrysene                   | 22,000.000          |   | 750  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Di-n-butylphthalate        | 22,000.000          |   | 810  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Di-n-octyl phthalate       | 21,000.000          |   | 1500 | 10000 | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Dibenzo(a,h)anthracene     | 22,000.000          |   | 1200 | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Dibenzofuran               | 23,000.000          |   | 870  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Diethylphthalate           | 22,000.000          |   | 870  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Dimethylphthalate          | 22,000.000          |   | 1300 | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Fluoranthene               | 21,000.000          |   | 650  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Fluorene                   | 22,000.000          |   | 870  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Hexachlorobenzene          | 22,000.000          |   | 560  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Hexachlorobutadiene        | 21,000.000          |   | 980  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Hexachlorocyclopentadiene  | 12,000.000          |   | 3100 | 10000 | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Hexachloroethane           | 19,000.000          |   | 1500 | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Indeno(1,2,3-cd)pyrene     | 22,000.000          |   | 1400 | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Isophorone                 | 21,000.000          |   | 1100 | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | N-Nitroso-di-n-propylamine | 19,000.000          |   | 1500 | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | N-Nitrosodiphenylamine     | 22,000.000          |   | 710  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Naphthalene                | 22,000.000          |   | 700  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Nitrobenzene               | 22,000.000          |   | 990  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Pentachlorobenzene         | 23,000.000          |   | 1200 | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Pentachlorophenol          | 15,000.000          |   | 2500 | 10000 | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Phenanthrene               | 23,000.000          |   | 970  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Phenol                     | 20,000.000          |   | 1500 | 10000 | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Pyrene                     | 21,000.000          |   | 530  | 5000  | ug/L  |
| SSTD02096                   | SSTD020440 | Water | Pyridine                   | 22,000.000          |   | 2200 | 10000 | ug/L  |
| <b>Total Svoc :</b>         |            |       |                            | <b>1,509,500.00</b> |   |      |       |       |
| <b>Total Concentration:</b> |            |       |                            | <b>1,509,500.00</b> |   |      |       |       |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BG010625 SAS No.: BG010625 SDG No.: BG010625  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 1/6/2025 1: \_\_\_\_\_  
Calibration Time(s): 10:42 \_\_\_\_\_

|                            |                     |                                  |                     |                                  |                     |                                  |       |       |
|----------------------------|---------------------|----------------------------------|---------------------|----------------------------------|---------------------|----------------------------------|-------|-------|
| LAB FILE ID:               |                     | RRF <sub>FAL1</sub> = BG063933.D |                     | RRF <sub>FAL4</sub> = BG063936.D |                     | RRF <sub>FAL5</sub> = BG063937.D |       |       |
|                            |                     | RRF <sub>FAL6</sub> = BG063938.D |                     | RRF <sub>FAL2</sub> = BG063939.D |                     | RRF <sub>FAL3</sub> = BG063940.D |       |       |
| COMPOUND                   | RRF <sub>FAL1</sub> | RRF <sub>FAL4</sub>              | RRF <sub>FAL5</sub> | RRF <sub>FAL6</sub>              | RRF <sub>FAL2</sub> | RRF <sub>FAL3</sub>              | RRF   | % RSD |
| 1,4-Dioxane                | 0.714               | 0.700                            | 0.628               |                                  | 0.589               | 0.731                            | 0.672 | 9.1   |
| Benzaldehyde               |                     | 1.238                            | 0.873               | 0.577                            | 1.296               | 1.389                            | 1.075 | 31.7  |
| Pyridine                   |                     | 1.986                            | 1.872               | 1.876                            | 1.668               | 1.972                            | 1.875 | 6.8   |
| Hexachloroethane           | 0.560               | 0.576                            | 0.531               |                                  | 0.555               | 0.601                            | 0.565 | 4.6   |
| Nitrobenzene               | 0.478               | 0.537                            | 0.523               |                                  | 0.498               | 0.545                            | 0.516 | 5.4   |
| Isophorone                 | 0.891               | 0.963                            | 0.929               |                                  | 0.917               | 0.938                            | 0.928 | 2.8   |
| 2-Nitrophenol              | 0.133               | 0.184                            | 0.179               |                                  | 0.150               | 0.175                            | 0.164 | 13.2  |
| 2,4-Dimethylphenol         | 0.325               | 0.400                            | 0.380               |                                  | 0.369               | 0.377                            | 0.370 | 7.5   |
| Bis(2-Chloroethoxy)methane | 0.462               | 0.556                            | 0.524               |                                  | 0.534               | 0.547                            | 0.525 | 7.1   |
| 2,4-Dichlorophenol         | 0.271               | 0.344                            | 0.328               |                                  | 0.328               | 0.338                            | 0.322 | 9.1   |
| Naphthalene                | 1.025               | 1.079                            | 1.029               |                                  | 1.042               | 1.080                            | 1.051 | 2.5   |
| 4-Chloroaniline            |                     | 0.412                            | 0.398               | 0.382                            | 0.378               | 0.391                            | 0.392 | 3.4   |
| Hexachlorobutadiene        | 0.253               | 0.269                            | 0.261               |                                  | 0.274               | 0.272                            | 0.266 | 3.3   |
| Phenol                     |                     | 2.021                            | 1.878               | 1.843                            | 1.763               | 1.948                            | 1.891 | 5.2   |
| Caprolactam                |                     | 0.116                            | 0.112               | 0.112                            | 0.113               | 0.117                            | 0.114 | 2.1   |
| 4-Chloro-3-methylphenol    | 0.286               | 0.370                            | 0.344               |                                  | 0.337               | 0.355                            | 0.338 | 9.5   |
| 1-Methylnaphthalene        | 0.721               | 0.756                            | 0.701               |                                  | 0.720               | 0.766                            | 0.733 | 3.7   |
| 2-Methylnaphthalene        | 0.728               | 0.754                            | 0.709               |                                  | 0.736               | 0.765                            | 0.738 | 3.0   |
| Hexachlorocyclopentadiene  |                     | 0.220                            | 0.275               | 0.293                            | 0.237               | 0.292                            | 0.264 | 12.5  |
| 2,4,6-Trichlorophenol      | 0.322               | 0.398                            | 0.404               |                                  | 0.356               | 0.384                            | 0.373 | 9.1   |
| 2,4,5-Trichlorophenol      | 0.321               | 0.421                            | 0.410               |                                  | 0.352               | 0.393                            | 0.379 | 11.0  |
| 1,1-Biphenyl               | 1.394               | 1.510                            | 1.392               |                                  | 1.435               | 1.465                            | 1.439 | 3.5   |
| 2-Chloronaphthalene        | 1.138               | 1.184                            | 1.141               |                                  | 1.169               | 1.184                            | 1.163 | 2.0   |
| 2-Nitroaniline             | 0.293               | 0.403                            | 0.397               |                                  | 0.349               | 0.374                            | 0.363 | 12.3  |
| Bis(2-Chloroethyl)ether    |                     | 1.601                            | 1.483               | 1.425                            | 1.498               | 1.576                            | 1.517 | 4.7   |
| Dimethylphthalate          | 1.394               | 1.478                            | 1.392               |                                  | 1.469               | 1.468                            | 1.440 | 3.0   |
| 2,6-Dinitrotoluene         | 0.228               | 0.294                            | 0.295               |                                  | 0.261               | 0.295                            | 0.274 | 10.9  |
| Acenaphthylene             | 1.773               | 1.863                            | 1.720               |                                  | 1.750               | 1.815                            | 1.784 | 3.1   |
| 3-Nitroaniline             |                     | 0.263                            | 0.239               | 0.235                            | 0.233               | 0.264                            | 0.247 | 6.1   |
| Acenaphthene               | 1.258               | 1.300                            | 1.213               |                                  | 1.256               | 1.266                            | 1.259 | 2.5   |
| 2,4-Dinitrophenol          |                     | 0.116                            | 0.144               | 0.174                            | 0.110               | 0.144                            | 0.138 | 18.7  |
| 4-Nitrophenol              |                     | 0.184                            | 0.192               | 0.209                            | 0.130               | 0.164                            | 0.176 | 17.2  |
| Dibenzofuran               | 1.855               | 1.851                            | 1.707               |                                  | 1.857               | 1.847                            | 1.823 | 3.6   |
| 2,4-Dinitrotoluene         | 0.355               | 0.435                            | 0.423               |                                  | 0.415               | 0.422                            | 0.410 | 7.7   |
| Diethylphthalate           | 1.340               | 1.398                            | 1.309               |                                  | 1.408               | 1.432                            | 1.377 | 3.7   |
| 2-Chlorophenol             | 1.157               | 1.283                            | 1.195               |                                  | 1.155               | 1.225                            | 1.203 | 4.4   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

Lab Code: CHEM Case No.: BG010625 SAS No.: BG010625 SDG No.: BG010625

Instrument ID: \_\_\_\_\_ Calibration Date(s): 1/6/2025 1: \_\_\_\_\_

Calibration Time(s): 10:42 \_\_\_\_\_

| LAB FILE ID:                 |        | RRFAL1 = BG063933.D |        | RRFAL4 = BG063936.D |        | RRFAL5 = BG063937.D |       |       |
|------------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                              |        | RRFAL6 = BG063938.D |        | RRFAL2 = BG063939.D |        | RRFAL3 = BG063940.D |       |       |
| COMPOUND                     | RRFAL1 | RRFAL4              | RRFAL5 | RRFAL6              | RRFAL2 | RRFAL3              | RRF   | % RSD |
| Fluorene                     | 1.397  | 1.463               | 1.295  |                     | 1.453  | 1.461               | 1.414 | 5.1   |
| 4-Chlorophenyl-phenylether   | 0.775  | 0.788               | 0.728  |                     | 0.781  | 0.795               | 0.774 | 3.4   |
| 4-Nitroaniline               |        | 0.265               | 0.233  | 0.208               | 0.228  | 0.273               | 0.242 | 11.2  |
| 4,6-Dinitro-2-methylphenol   |        | 0.116               | 0.117  | 0.123               | 0.084  | 0.099               | 0.108 | 15.0  |
| N-Nitrosodiphenylamine       | 0.494  | 0.551               | 0.512  |                     | 0.516  | 0.548               | 0.524 | 4.7   |
| 1,2,4,5-Tetrachlorobenzene   | 0.695  | 0.709               | 0.697  |                     | 0.691  | 0.706               | 0.700 | 1.1   |
| 4-Bromophenyl-phenylether    | 0.215  | 0.233               | 0.217  |                     | 0.212  | 0.229               | 0.221 | 4.2   |
| Hexachlorobenzene            | 0.247  | 0.258               | 0.240  |                     | 0.247  | 0.253               | 0.249 | 2.8   |
| Atrazine                     |        | 0.245               | 0.232  | 0.224               | 0.235  | 0.248               | 0.237 | 4.2   |
| Pentachlorophenol            |        | 0.092               | 0.096  | 0.113               | 0.053  | 0.075               | 0.086 | 26.9  |
| 2-Methylphenol               |        | 1.416               | 1.348  | 1.308               | 1.192  | 1.376               | 1.328 | 6.4   |
| Phenanthrene                 | 1.130  | 1.134               | 1.012  |                     | 1.106  | 1.131               | 1.103 | 4.7   |
| Pentachlorobenzene           | 0.297  | 0.323               | 0.302  |                     | 0.305  | 0.315               | 0.308 | 3.4   |
| Anthracene                   | 1.111  | 1.161               | 1.024  |                     | 1.110  | 1.162               | 1.113 | 5.0   |
| 1,2,3,4-Tetrachlorobenzene   | 0.284  | 0.322               | 0.308  |                     | 0.292  | 0.313               | 0.304 | 5.1   |
| Carbazole                    |        | 0.989               | 0.891  | 0.839               | 0.934  | 0.990               | 0.929 | 7.0   |
| Di-n-butylphthalate          | 0.939  | 1.112               | 1.012  |                     | 1.037  | 1.108               | 1.041 | 6.9   |
| Fluoranthene                 | 1.094  | 1.217               | 1.127  |                     | 1.166  | 1.248               | 1.170 | 5.4   |
| Pyrene                       | 1.215  | 1.295               | 1.178  |                     | 1.299  | 1.341               | 1.265 | 5.3   |
| Butylbenzylphthalate         | 0.273  | 0.367               | 0.380  |                     | 0.318  | 0.365               | 0.341 | 13.1  |
| 3,3-Dichlorobenzidine        |        | 0.384               | 0.348  | 0.303               | 0.310  | 0.356               | 0.340 | 9.9   |
| 2,2-oxybis (1-Chloropropane) |        | 2.292               | 2.128  | 2.073               | 2.095  | 2.332               | 2.184 | 5.5   |
| Benzo (a) anthracene         | 1.282  | 1.358               | 1.229  |                     | 1.293  | 1.358               | 1.304 | 4.2   |
| Chrysene                     | 1.301  | 1.292               | 1.173  |                     | 1.223  | 1.306               | 1.259 | 4.6   |
| Bis (2-ethylhexyl) phthalate | 0.456  | 0.580               | 0.570  |                     | 0.525  | 0.578               | 0.542 | 9.8   |
| Di-n-octyl phthalate         |        | 0.978               | 0.992  | 0.912               | 0.842  | 0.989               | 0.943 | 6.9   |
| Benzo (b) fluoranthene       | 1.143  | 1.251               | 1.216  |                     | 1.180  | 1.262               | 1.210 | 4.1   |
| Benzo (k) fluoranthene       | 1.231  | 1.313               | 1.233  |                     | 1.210  | 1.329               | 1.263 | 4.3   |
| Benzo (a) pyrene             | 1.092  | 1.201               | 1.164  |                     | 1.110  | 1.208               | 1.155 | 4.6   |
| Indeno (1,2,3-cd) pyrene     | 1.295  | 1.471               | 1.448  |                     | 1.308  | 1.442               | 1.393 | 6.0   |
| Dibenzo (a,h) anthracene     | 0.979  | 1.175               | 1.166  |                     | 1.062  | 1.155               | 1.107 | 7.7   |
| Benzo (g,h,i) perylene       | 1.061  | 1.170               | 1.126  |                     | 1.021  | 1.116               | 1.099 | 5.3   |
| Acetophenone                 |        | 2.468               | 2.237  | 2.083               | 2.317  | 2.405               | 2.302 | 6.5   |
| 2,3,4,6-Tetrachlorophenol    | 0.253  | 0.351               | 0.357  |                     | 0.289  | 0.316               | 0.313 | 13.9  |
| 1,4-Dioxane-d8               | 0.614  | 0.613               | 0.602  |                     | 0.507  | 0.613               | 0.590 | 7.9   |
| Pyridine-d5                  |        | 1.902               | 1.793  | 1.817               | 1.555  | 1.922               | 1.797 | 8.1   |

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.: BG010625 SAS No.: BG010625 SDG No.: BG010625  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 1/6/2025 1: \_\_\_\_\_  
Calibration Time(s): 10:42 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRFAL1 = BG063933.D |        |        | RRFAL4 = BG063936.D |        | RRFAL5 = BG063937.D |       |
|                             |        | RRFAL6 = BG063938.D |        |        | RRFAL2 = BG063939.D |        | RRFAL3 = BG063940.D |       |
| COMPOUND                    | RRFAL1 | RRFAL4              | RRFAL5 | RRFAL6 | RRFAL2              | RRFAL3 | RRF                 | % RSD |
| Phenol-d5                   |        | 1.862               | 1.770  | 1.762  | 1.662               | 1.823  | 1.776               | 4.3   |
| Bis-(2-Chloroethyl)ether-d8 |        | 1.329               | 1.257  | 1.204  | 1.188               | 1.303  | 1.256               | 4.9   |
| 2-Chlorophenol-d4           | 1.118  | 1.229               | 1.157  |        | 1.116               | 1.212  | 1.166               | 4.5   |
| 4-Methylphenol-d8           |        | 1.417               | 1.327  | 1.302  | 1.230               | 1.381  | 1.331               | 5.4   |
| Nitrobenzene-d5             | 0.131  | 0.164               | 0.159  |        | 0.142               | 0.163  | 0.152               | 9.5   |
| 2-Nitrophenol-d4            | 0.138  | 0.175               | 0.175  |        | 0.152               | 0.174  | 0.163               | 10.5  |
| 2,4-Dichlorophenol-d3       | 0.294  | 0.347               | 0.338  |        | 0.313               | 0.342  | 0.327               | 6.9   |
| 4-Chloroaniline-d4          |        | 0.431               | 0.413  | 0.410  | 0.387               | 0.424  | 0.413               | 4.1   |
| 4-Methylphenol              |        | 1.538               | 1.444  | 1.372  | 1.336               | 1.534  | 1.445               | 6.4   |
| Dimethylphthalate-d6        | 1.349  | 1.478               | 1.386  |        | 1.467               | 1.483  | 1.432               | 4.3   |
| Acenaphthylene-d8           | 1.626  | 1.766               | 1.656  |        | 1.672               | 1.769  | 1.698               | 3.9   |
| 4-Nitrophenol-d4            |        | 0.203               | 0.214  | 0.230  | 0.143               | 0.179  | 0.194               | 17.5  |
| Fluorene-d10                | 1.229  | 1.321               | 1.234  |        | 1.280               | 1.328  | 1.278               | 3.7   |
| 4,6-Dinitro-2-methylphenol- |        | 0.107               | 0.116  | 0.121  | 0.078               | 0.100  | 0.105               | 16.0  |
| Anthracene-d10              | 0.955  | 0.994               | 0.909  |        | 0.964               | 1.023  | 0.969               | 4.4   |
| Pyrene-d10                  | 0.953  | 1.063               | 1.004  |        | 1.030               | 1.091  | 1.028               | 5.2   |
| Benzo(a)pyrene-d12          | 0.902  | 1.086               | 1.039  |        | 0.992               | 1.049  | 1.014               | 7.0   |
| N-Nitroso-di-n-propylamine  | 1.270  | 1.412               | 1.303  |        | 1.261               | 1.370  | 1.323               | 5.0   |

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.: BG010625 SAS No.: BG010625 SDG NO.: BG010625

EPA Sample No.: SSTD020445 Date Analyzed: Jan 6 2025 12:00AM

Lab File ID: BG063940.D Time Analyzed: 11:20

Instrument ID: BNA\_G 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    | 90624               | 7.794 | 358113              | 10.58  | 255440              | 14.44  |
| UPPER LIMIT    | 181248              | 8.294 | 716226              | 11.079 | 510880              | 14.939 |
| LOWER LIMIT    | 45312               | 7.294 | 179056.5            | 10.079 | 127720              | 13.939 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SSTD010439  | 86322               | 7.79  | 348543              | 10.59  | 242727              | 14.44  |
| 02 SSTD020440  | 85557               | 7.80  | 336049              | 10.58  | 230899              | 14.44  |
| 03 SICV446     | 91816               | 7.79  | 361860              | 10.59  | 256313              | 14.44  |

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.: BG010625 SAS No.: BG010625 SDG NO.: BG010625

EPA Sample No.: \_\_\_\_\_ Date Analyzed: \_\_\_\_\_

Lab File ID: \_\_\_\_\_ Time Analyzed: \_\_\_\_\_

Instrument ID: \_\_\_\_\_ GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

|                | IS1<br>AREA # | RT # | IS2<br>AREA # | RT # | IS3<br>AREA # | RT # |
|----------------|---------------|------|---------------|------|---------------|------|
| 12 HOUR STD    |               |      |               |      |               |      |
| UPPER LIMIT    |               |      |               |      |               |      |
| LOWER LIMIT    |               |      |               |      |               |      |
| EPA SAMPLE NO. |               |      |               |      |               |      |
|                |               |      |               |      |               |      |

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.: BG010625 SAS No.: BG010625 SDG NO.: BG010625

EPA Sample No.: SSTD020445 Date Analyzed: Jan 6 2025 12:00AM

Lab File ID: BG063940.D Time Analyzed: 11:20

Instrument ID: BNA\_G 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    | 584424              | 17.194 | 671113              | 21.454 | 695303              | 24.486 |
| UPPER LIMIT    | 1168848             | 17.694 | 1342226             | 21.954 | 1390606             | 24.986 |
| LOWER LIMIT    | 292212              | 16.694 | 335556.5            | 20.954 | 347651.5            | 23.986 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SSTD010439  | 567502              | 17.20  | 662084              | 21.45  | 689060              | 24.47  |
| 02 SSTD020440  | 538814              | 17.20  | 640601              | 21.45  | 700381              | 24.48  |
| 03 SICV446     | 599423              | 17.20  | 676709              | 21.46  | 706375              | 24.48  |

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.: BG010625 SAS No.: BG010625 SDG NO.: BG010625

EPA Sample No.: \_\_\_\_\_ Date Analyzed: \_\_\_\_\_

Lab File ID: \_\_\_\_\_ Time Analyzed: \_\_\_\_\_

Instrument ID: \_\_\_\_\_ GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

|                | IS4<br>AREA # | RT # | IS5<br>AREA # | RT # | IS6<br>AREA # | RT # |
|----------------|---------------|------|---------------|------|---------------|------|
| 12 HOUR STD    |               |      |               |      |               |      |
| UPPER LIMIT    |               |      |               |      |               |      |
| LOWER LIMIT    |               |      |               |      |               |      |
| EPA SAMPLE NO. |               |      |               |      |               |      |
|                |               |      |               |      |               |      |

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.: BG010625

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

Analytical Method: SFAM\_SVOC

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

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

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG010625

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

Analytical Method: SFAM\_SVOC DataFile: \_\_\_\_\_

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SSTD010439

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG010625

SAS No.: BG010625 SDG NO.: BG010625

Lab File ID: BG063934.D

Lab Sample ID: SSTD01095

Instrument ID: BNA\_G

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

Matrix: (soil/water) Water

Date Analyzed: 01/06/2025

Level: (low/med) LOW

Time Analyzed: 11:20

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 |
|-------------------|------------------|----------------|------------------|
| SSTD010439        | SSTD01095        | BG063934.D     | 01/06/2025       |
| SSTD020440        | SSTD02096        | BG063935.D     | 01/06/2025       |

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

## Surrogate Summary

SW-846

SDG No.: **BG010625**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| SSTD01095     | SSTD010439 | BG063934.D | 1,4-Dioxane-d8                | 8              | 4,554.00        | 56925        | *    | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 11,152.00       | 27880        | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 9,340.00        | 23350        | *    | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 9,603.00        | 24007        | *    | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 9,780.00        | 24450        | *    | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 9,214.00        | 23035        | *    | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 10,292.00       | 25730        | *    | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 9,493.00        | 23732        | *    | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 10,254.00       | 25635        | *    | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 9,622.00        | 24055        | *    | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 10,258.00       | 25645        | *    | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 10,837.00       | 27092        | *    | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 7,619.00        | 19048        | *    | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 10,667.00       | 26667        | *    | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 6,928.00        | 17320        | *    | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 11,223.00       | 28058        | *    | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 10,060.00       | 25150        | *    | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 10,297.00       | 25742        | *    | 20         | 130  |
| SSTD02096     | SSTD020440 | BG063935.D | 1,4-Dioxane-d8                | 8              | 9,763.00        | 122038       | *    | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 22,745.00       | 56863        | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 19,768.00       | 49420        | *    | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 20,427.00       | 51067        | *    | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 20,684.00       | 51710        | *    | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 18,756.00       | 46890        | *    | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 22,268.00       | 55670        | *    | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 20,679.00       | 51697        | *    | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 21,560.00       | 53900        | *    | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 20,988.00       | 52470        | *    | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 21,914.00       | 54785        | *    | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 22,611.00       | 56528        | *    | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 18,908.00       | 47270        | *    | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 22,253.00       | 55633        | *    | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 18,283.00       | 45708        | *    | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 22,964.00       | 57410        | *    | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 20,638.00       | 51595        | *    | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 22,363.00       | 55908        | *    | 20         | 130  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG010625

Lab Code: CHEM

SAS No.: BG010625

SDG NO.: BG010625

Lab File ID: BG063932.D

DFTPP Injection Date: 01/06/2025

Instrument ID: BNA\_G

DFTPP Injection Time: 10:05

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 41.4                 |
| 68  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 69  | Mass 69 relative abundance         | 45.7                 |
| 70  | Less than 2.0% of mass 69          | 0.4 ( 0.8 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 38.9                 |
| 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            | 7.4                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.7                 |
| 365 | Greater than 1% of mass 198        | 4.1                  |
| 441 | Present, but less than mass 443    | 12.4                 |
| 442 | Greater than 50% of mass 198       | 74.8                 |
| 443 | 15.0 - 24.0% of mass 442           | 14.4 ( 19.2 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD005438        | SSTD00594        | BG063933.D     | 01/06/2025       | 10:42            |
| SSTD010439        | SSTD01095        | BG063934.D     | 01/06/2025       | 11:20            |
| SSTD020440        | SSTD02096        | BG063935.D     | 01/06/2025       | 11:57            |
| SSTD040441        | SSTD04097        | BG063936.D     | 01/06/2025       | 12:35            |
| SSTD080442        | SSTD08098        | BG063937.D     | 01/06/2025       | 13:12            |
| SSTD160443        | SSTD16099        | BG063938.D     | 01/06/2025       | 13:50            |
| SSTD010444        | SSTD01095        | BG063939.D     | 01/06/2025       | 14:50            |
| SSTD020445        | SSTD02096        | BG063940.D     | 01/06/2025       | 15:28            |
| SICV446           | SSTDICV020       | BG063941.D     | 01/06/2025       | 16:45            |