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A

B

C

D

### Hit Summary Sheet SW-846

**SDG No.:** P5394  
**Client:** Chemtech Consulting Group

| Sample ID            | Client ID | Matrix | Parameter | Concentration | C    | MDL | RDL | Units |
|----------------------|-----------|--------|-----------|---------------|------|-----|-----|-------|
| Client ID :          |           |        |           | 0.000         |      |     |     |       |
| Total Svoc :         |           |        |           |               | 0.00 |     |     |       |
| Total Concentration: |           |        |           |               | 0.00 |     |     |       |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                    |                           |                 |                        |
|--------------------|---------------------------|-----------------|------------------------|
| Client:            | Chemtech Consulting Group | Date Collected: | 12/20/24               |
| Project:           | Weekly Storage Blanks     | Date Received:  | 12/27/24               |
| Client Sample ID:  | SVOC-GPC2-BLANK           | SDG No.:        | P5394                  |
| Lab Sample ID:     | P5394-10                  | Matrix:         | SOIL                   |
| Analytical Method: | SFAM_SVOC                 | % Solid:        | 100                    |
| Sample Wt/Vol:     | 10 Units: g               | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL                        | Test:           | SVOC-Chemtech Full -25 |
| Extraction Type :  | Decanted : N              | Level :         | LOW                    |
| Injection Volume : | GPC Factor : 2.0          | GPC Cleanup :   | Y PH :                 |
| Prep Method :      |                           |                 |                        |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG063917.D        | 1         | 12/30/24 10:53 | 12/31/24 11:28 | PB165913      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|-----------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                             |       |           |      |            |                   |
| 123-91-1       | 1,4-Dioxane                 | 81.0  | U         | 81.0 | 200        | ug/Kg             |
| 100-52-7       | Benzaldehyde                | 170   | U         | 170  | 990        | ug/Kg             |
| 108-95-2       | Phenol                      | 90.0  | U         | 90.0 | 990        | ug/Kg             |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 87.0  | U         | 87.0 | 990        | ug/Kg             |
| 95-57-8        | 2-Chlorophenol              | 84.0  | U         | 84.0 | 510        | ug/Kg             |
| 95-48-7        | 2-Methylphenol              | 93.0  | U         | 93.0 | 990        | ug/Kg             |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 120   | U         | 120  | 990        | ug/Kg             |
| 98-86-2        | Acetophenone                | 200   | U         | 200  | 990        | ug/Kg             |
| 106-44-5       | 4-Methylphenol              | 160   | U         | 160  | 990        | ug/Kg             |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 240   | U         | 240  | 510        | ug/Kg             |
| 67-72-1        | Hexachloroethane            | 180   | U         | 180  | 510        | ug/Kg             |
| 98-95-3        | Nitrobenzene                | 190   | U         | 190  | 510        | ug/Kg             |
| 78-59-1        | Isophorone                  | 200   | U         | 200  | 510        | ug/Kg             |
| 88-75-5        | 2-Nitrophenol               | 180   | U         | 180  | 510        | ug/Kg             |
| 105-67-9       | 2,4-Dimethylphenol          | 96.0  | U         | 96.0 | 510        | ug/Kg             |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 140   | U         | 140  | 510        | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol          | 110   | U         | 110  | 510        | ug/Kg             |
| 91-20-3        | Naphthalene                 | 72.0  | U         | 72.0 | 510        | ug/Kg             |
| 106-47-8       | 4-Chloroaniline             | 110   | U         | 110  | 990        | ug/Kg             |
| 87-68-3        | Hexachlorobutadiene         | 110   | U         | 110  | 510        | ug/Kg             |
| 105-60-2       | Caprolactam                 | 190   | U         | 190  | 990        | ug/Kg             |
| 59-50-7        | 4-Chloro-3-methylphenol     | 120   | U         | 120  | 510        | ug/Kg             |
| 91-57-6        | 2-Methylnaphthalene         | 96.0  | U         | 96.0 | 510        | ug/Kg             |
| 77-47-4        | Hexachlorocyclopentadiene   | 290   | U         | 290  | 990        | ug/Kg             |
| 88-06-2        | 2,4,6-Trichlorophenol       | 72.0  | U         | 72.0 | 510        | ug/Kg             |
| 95-95-4        | 2,4,5-Trichlorophenol       | 99.0  | U         | 99.0 | 510        | ug/Kg             |
| 92-52-4        | 1,1-Biphenyl                | 78.0  | U         | 78.0 | 510        | ug/Kg             |
| 91-58-7        | 2-Chloronaphthalene         | 99.0  | U         | 99.0 | 510        | ug/Kg             |
| 88-74-4        | 2-Nitroaniline              | 140   | U         | 140  | 510        | ug/Kg             |

## Report of Analysis

|                    |                           |                 |                        |
|--------------------|---------------------------|-----------------|------------------------|
| Client:            | Chemtech Consulting Group | Date Collected: | 12/20/24               |
| Project:           | Weekly Storage Blanks     | Date Received:  | 12/27/24               |
| Client Sample ID:  | SVOC-GPC2-BLANK           | SDG No.:        | P5394                  |
| Lab Sample ID:     | P5394-10                  | Matrix:         | SOIL                   |
| Analytical Method: | SFAM_SVOC                 | % Solid:        | 100                    |
| Sample Wt/Vol:     | 10 Units: g               | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL                        | Test:           | SVOC-Chemtech Full -25 |
| Extraction Type :  | Decanted : N              | Level :         | LOW                    |
| Injection Volume : | GPC Factor : 2.0          | GPC Cleanup :   | Y PH :                 |
| Prep Method :      |                           |                 |                        |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG063917.D        | 1         | 12/30/24 10:53 | 12/31/24 11:28 | PB165913      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 131-11-3   | Dimethylphthalate          | 90.0  | U         | 90.0 | 510        | ug/Kg             |
| 606-20-2   | 2,6-Dinitrotoluene         | 60.0  | U         | 60.0 | 510        | ug/Kg             |
| 208-96-8   | Acenaphthylene             | 87.0  | U         | 87.0 | 510        | ug/Kg             |
| 99-09-2    | 3-Nitroaniline             | 200   | U         | 200  | 990        | ug/Kg             |
| 83-32-9    | Acenaphthene               | 78.0  | U         | 78.0 | 510        | ug/Kg             |
| 51-28-5    | 2,4-Dinitrophenol          | 390   | U         | 390  | 990        | ug/Kg             |
| 100-02-7   | 4-Nitrophenol              | 130   | U         | 130  | 990        | ug/Kg             |
| 132-64-9   | Dibenzofuran               | 81.0  | U         | 81.0 | 510        | ug/Kg             |
| 121-14-2   | 2,4-Dinitrotoluene         | 110   | U         | 110  | 510        | ug/Kg             |
| 84-66-2    | Diethylphthalate           | 99.0  | U         | 99.0 | 510        | ug/Kg             |
| 86-73-7    | Fluorene                   | 81.0  | U         | 81.0 | 510        | ug/Kg             |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 60.0  | U         | 60.0 | 510        | ug/Kg             |
| 100-01-6   | 4-Nitroaniline             | 72.0  | U         | 72.0 | 990        | ug/Kg             |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 110   | U         | 110  | 990        | ug/Kg             |
| 86-30-6    | N-Nitrosodiphenylamine     | 72.0  | U         | 72.0 | 510        | ug/Kg             |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 100   | U         | 100  | 510        | ug/Kg             |
| 101-55-3   | 4-Bromophenyl-phenylether  | 78.0  | U         | 78.0 | 510        | ug/Kg             |
| 118-74-1   | Hexachlorobenzene          | 84.0  | U         | 84.0 | 510        | ug/Kg             |
| 1912-24-9  | Atrazine                   | 84.0  | U         | 84.0 | 990        | ug/Kg             |
| 87-86-5    | Pentachlorophenol          | 260   | U         | 260  | 990        | ug/Kg             |
| 85-01-8    | Phenanthrene               | 81.0  | U         | 81.0 | 510        | ug/Kg             |
| 120-12-7   | Anthracene                 | 75.0  | U         | 75.0 | 510        | ug/Kg             |
| 86-74-8    | Carbazole                  | 100   | U         | 100  | 990        | ug/Kg             |
| 84-74-2    | Di-n-butylphthalate        | 81.0  | U         | 81.0 | 510        | ug/Kg             |
| 206-44-0   | Fluoranthene               | 57.0  | U         | 57.0 | 510        | ug/Kg             |
| 129-00-0   | Pyrene                     | 54.0  | U         | 54.0 | 510        | ug/Kg             |
| 85-68-7    | Butylbenzylphthalate       | 66.0  | U         | 66.0 | 510        | ug/Kg             |
| 91-94-1    | 3,3-Dichlorobenzidine      | 160   | U         | 160  | 990        | ug/Kg             |
| 56-55-3    | Benzo(a)anthracene         | 69.0  | U         | 69.0 | 510        | ug/Kg             |
| 218-01-9   | Chrysene                   | 72.0  | U         | 72.0 | 510        | ug/Kg             |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 75.0  | U         | 75.0 | 510        | ug/Kg             |

## Report of Analysis

|                    |                           |                 |                        |
|--------------------|---------------------------|-----------------|------------------------|
| Client:            | Chemtech Consulting Group | Date Collected: | 12/20/24               |
| Project:           | Weekly Storage Blanks     | Date Received:  | 12/27/24               |
| Client Sample ID:  | SVOC-GPC2-BLANK           | SDG No.:        | P5394                  |
| Lab Sample ID:     | P5394-10                  | Matrix:         | SOIL                   |
| Analytical Method: | SFAM_SVOC                 | % Solid:        | 100                    |
| Sample Wt/Vol:     | 10 Units: g               | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL                        | Test:           | SVOC-Chemtech Full -25 |
| Extraction Type :  | Decanted : N              | Level :         | LOW                    |
| Injection Volume : | GPC Factor : 2.0          | GPC Cleanup :   | Y PH :                 |
| Prep Method :      |                           |                 |                        |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG063917.D        | 1         | 12/30/24 10:53 | 12/31/24 11:28 | PB165913      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|-------------------------------|--------|-----------|----------|------------|-------------------|
| 117-84-0                  | Di-n-octyl phthalate          | 140    | U         | 140      | 990        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene          | 110    | U         | 110      | 510        | ug/Kg             |
| 207-08-9                  | Benzo(k)fluoranthene          | 110    | U         | 110      | 510        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene                | 93.0   | U         | 93.0     | 510        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 84.0   | U         | 84.0     | 510        | ug/Kg             |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 78.0   | U         | 78.0     | 510        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene          | 96.0   | U         | 96.0     | 510        | ug/Kg             |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 110    | U         | 110      | 510        | ug/Kg             |
| <b>SURROGATES</b>         |                               |        |           |          |            |                   |
| 17647-74-4                | 1,4-Dioxane-d8                | 0      | *         | 15 - 120 | 0%         | SPK: 8            |
| 7291-22-7                 | Pyridine-d5                   | 0.34   | *         | 20 - 120 | 0%         | SPK: 40           |
| 4165-62-2                 | Phenol-d5                     | 0      | *         | 10 - 130 | 0%         | SPK: 40           |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 0      | *         | 10 - 150 | 0%         | SPK: 40           |
| 93951-73-6                | 2-Chlorophenol-d4             | 0      | *         | 15 - 120 | 0%         | SPK: 40           |
| 190780-66-6               | 4-Methylphenol-d8             | 0      | *         | 10 - 140 | 0%         | SPK: 40           |
| 4165-60-0                 | Nitrobenzene-d5               | 0      | *         | 10 - 135 | 0%         | SPK: 40           |
| 93951-78-1                | 2-Nitrophenol-d4              | 0      | *         | 10 - 120 | 0%         | SPK: 40           |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 0      | *         | 10 - 140 | 0%         | SPK: 40           |
| 191656-33-4               | 4-Chloroaniline-d4            | 0      | *         | 1 - 145  | 0%         | SPK: 40           |
| 85448-30-2                | Dimethylphthalate-d6          | 0      | *         | 10 - 145 | 0%         | SPK: 40           |
| 93951-97-4                | Acenaphthylene-d8             | 0      | *         | 15 - 120 | 0%         | SPK: 40           |
| 93951-79-2                | 4-Nitrophenol-d4              | 0      | *         | 10 - 150 | 0%         | SPK: 40           |
| 81103-79-9                | Fluorene-d10                  | 0      | *         | 20 - 140 | 0%         | SPK: 40           |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 0      | *         | 10 - 130 | 0%         | SPK: 40           |
| 1719-06-8                 | Anthracene-d10                | 0      | *         | 10 - 150 | 0%         | SPK: 40           |
| 1718-52-1                 | Pyrene-d10                    | 0      | *         | 10 - 130 | 0%         | SPK: 40           |
| 63466-71-7                | Benzo(a)pyrene-d12            | 0      | *         | 10 - 140 | 0%         | SPK: 40           |
| <b>INTERNAL STANDARDS</b> |                               |        |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 57400  | 7.797     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8                | 216000 | 10.582    |          |            |                   |

## Report of Analysis

|                    |                           |                 |                        |
|--------------------|---------------------------|-----------------|------------------------|
| Client:            | Chemtech Consulting Group | Date Collected: | 12/20/24               |
| Project:           | Weekly Storage Blanks     | Date Received:  | 12/27/24               |
| Client Sample ID:  | SVOC-GPC2-BLANK           | SDG No.:        | P5394                  |
| Lab Sample ID:     | P5394-10                  | Matrix:         | SOIL                   |
| Analytical Method: | SFAM_SVOC                 | % Solid:        | 100                    |
| Sample Wt/Vol:     | 10 Units: g               | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL                        | Test:           | SVOC-Chemtech Full -25 |
| Extraction Type :  | Decanted : N              | Level :         | LOW                    |
| Injection Volume : | GPC Factor : 2.0          | GPC Cleanup :   | Y PH :                 |
| Prep Method :      |                           |                 |                        |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG063917.D        | 1         | 12/30/24 10:53 | 12/31/24 11:28 | PB165913      |

| CAS Number                            | Parameter        | Conc.  | Qualifier | MDL | LOQ / CRQL | Units |
|---------------------------------------|------------------|--------|-----------|-----|------------|-------|
| 15067-26-2                            | Acenaphthene-d10 | 149000 | 14.436    |     |            |       |
| 1517-22-2                             | Phenanthrene-d10 | 358000 | 17.197    |     |            |       |
| 1719-03-5                             | Chrysene-d12     | 451000 | 21.451    |     |            |       |
| 1520-96-3                             | Perylene-d12     | 469000 | 24.471    |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                  |        |           |     |            |       |
| E966796                               | Total Alkanes    | 0      |           |     | 99.0       | ug/Kg |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

|          |                           |            |                        |
|----------|---------------------------|------------|------------------------|
| OrderID: | P5394                     | OrderDate: | 12/27/2024 12:09:00 PM |
| Client:  | Chemtech Consulting Group | Project:   | Weekly Storage Blanks  |
| Contact: | QA Officer                | Location:  | N31,VOA Ref. #3 Water  |

| LabID    | ClientID        | Matrix | Test                   | Method    | Sample Date | Prep Date | Anal Date | Received |
|----------|-----------------|--------|------------------------|-----------|-------------|-----------|-----------|----------|
| P5394-10 | SVOC-GPC2-BLANK | SOIL   | SVOC-Chemtech Full -25 | SFAM_SVOC | 12/20/24    | 12/30/24  | 12/31/24  | 12/27/24 |