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A  
B  
C  
D

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

**SDG No.:** Q1456  
**Client:** Ardmore Chemical

| Sample ID                   | Client ID              |       | Parameter           | Concentration | C | MDL          | RDL  | Units |
|-----------------------------|------------------------|-------|---------------------|---------------|---|--------------|------|-------|
| <b>Client ID :</b>          | <b>EFF-WASTE WATER</b> |       |                     |               |   |              |      |       |
| Q1456-02                    | EFF-WASTE WATER        | WATER | Phenol              | 3.200         | J | 1.1          | 5.7  | ug/L  |
| Q1456-02                    | EFF-WASTE WATER        | WATER | Diethylphthalate    | 3.900         | J | 1.2          | 5.7  | ug/L  |
| Q1456-02                    | EFF-WASTE WATER        | WATER | Pentachlorophenol   | 12.300        |   | 2.1          | 11.5 | ug/L  |
| Q1456-02                    | EFF-WASTE WATER        | WATER | Di-n-butylphthalate | 3.500         | J | 1.7          | 5.7  | ug/L  |
| <b>Total Svoc :</b>         |                        |       |                     |               |   | <b>22.90</b> |      |       |
| <b>Total Concentration:</b> |                        |       |                     |               |   | <b>22.90</b> |      |       |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                    |                   |                  |                 |               |      |
|--------------------|-------------------|------------------|-----------------|---------------|------|
| Client:            | Ardmore Chemical  |                  | Date Collected: | 02/27/25      |      |
| Project:           | PVSC Monthly 2025 |                  | Date Received:  | 02/27/25      |      |
| Client Sample ID:  | EFF-WASTE WATER   |                  | SDG No.:        | Q1456         |      |
| Lab Sample ID:     | Q1456-02          |                  | Matrix:         | Water         |      |
| Analytical Method: | 625.1             |                  | % Solid:        | 0             |      |
| Sample Wt/Vol:     | 870               | Units: mL        | Final Vol:      | 1000          | uL   |
| Soil Aliquot Vol:  |                   | uL               | Test:           | SVOCMS Group1 |      |
| Extraction Type :  |                   | Decanted : N     | Level :         | LOW           |      |
| Injection Volume : |                   | GPC Factor : 1.0 | GPC Cleanup :   | N             | PH : |
| Prep Method :      | 3510C             |                  |                 |               |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM049681.D        | 1         | 02/28/25 08:40 | 02/28/25 16:36 | PB166933      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1.20  | U         | 1.20 | 11.5       | ug/L  |
| 108-95-2       | Phenol                      | 3.20  | J         | 1.10 | 5.70       | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1.40  | U         | 1.40 | 5.70       | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.82  | U         | 0.82 | 5.70       | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.60  | U         | 1.60 | 5.70       | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.70  | U         | 1.70 | 5.70       | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.20  | U         | 1.20 | 5.70       | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.50  | U         | 1.50 | 5.70       | ug/L  |
| 78-59-1        | Isophorone                  | 1.30  | U         | 1.30 | 5.70       | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 2.30  | U         | 2.30 | 5.70       | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.70  | U         | 1.70 | 5.70       | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1.20  | U         | 1.20 | 5.70       | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.00  | U         | 1.00 | 5.70       | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1.30  | U         | 1.30 | 5.70       | ug/L  |
| 91-20-3        | Naphthalene                 | 1.20  | U         | 1.20 | 5.70       | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.50  | U         | 1.50 | 5.70       | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 0.97  | U         | 0.97 | 5.70       | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 5.80  | UQ        | 5.80 | 11.5       | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.00  | U         | 1.00 | 5.70       | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.10  | U         | 1.10 | 5.70       | ug/L  |
| 131-11-3       | Dimethylphthalate           | 1.10  | U         | 1.10 | 5.70       | ug/L  |
| 208-96-8       | Acenaphthylene              | 1.20  | U         | 1.20 | 5.70       | ug/L  |
| 606-20-2       | 2,6-Dinitrotoluene          | 1.40  | U         | 1.40 | 5.70       | ug/L  |
| 83-32-9        | Acenaphthene                | 0.93  | U         | 0.93 | 5.70       | ug/L  |
| 51-28-5        | 2,4-Dinitrophenol           | 7.40  | U         | 7.40 | 11.5       | ug/L  |
| 100-02-7       | 4-Nitrophenol               | 2.30  | U         | 2.30 | 11.5       | ug/L  |
| 121-14-2       | 2,4-Dinitrotoluene          | 1.70  | U         | 1.70 | 5.70       | ug/L  |
| 84-66-2        | Diethylphthalate            | 3.90  | J         | 1.20 | 5.70       | ug/L  |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 1.10  | U         | 1.10 | 5.70       | ug/L  |

## Report of Analysis

|                    |                   |                 |               |
|--------------------|-------------------|-----------------|---------------|
| Client:            | Ardmore Chemical  | Date Collected: | 02/27/25      |
| Project:           | PVSC Monthly 2025 | Date Received:  | 02/27/25      |
| Client Sample ID:  | EFF-WASTE WATER   | SDG No.:        | Q1456         |
| Lab Sample ID:     | Q1456-02          | Matrix:         | Water         |
| Analytical Method: | 625.1             | % Solid:        | 0             |
| Sample Wt/Vol:     | 870 Units: mL     | Final Vol:      | 1000 uL       |
| Soil Aliquot Vol:  | uL                | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N      | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0  | GPC Cleanup :   | N PH :        |
| Prep Method :      | 3510C             |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM049681.D        | 1         | 02/28/25 08:40 | 02/28/25 16:36 | PB166933      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------------|-------|
| 86-73-7    | Fluorene                   | 1.10  | U         | 1.10 | 5.70       | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 3.50  | UQ        | 3.50 | 11.5       | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine     | 1.00  | U         | 1.00 | 5.70       | ug/L  |
| 103-33-3   | Azobenzene                 | 1.40  | U         | 1.40 | 5.70       | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.10  | U         | 1.10 | 5.70       | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.30  | U         | 1.30 | 5.70       | ug/L  |
| 87-86-5    | Pentachlorophenol          | 12.3  |           | 2.10 | 11.5       | ug/L  |
| 85-01-8    | Phenanthrene               | 1.00  | U         | 1.00 | 5.70       | ug/L  |
| 120-12-7   | Anthracene                 | 1.20  | U         | 1.20 | 5.70       | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 3.50  | J         | 1.70 | 5.70       | ug/L  |
| 206-44-0   | Fluoranthene               | 1.50  | U         | 1.50 | 5.70       | ug/L  |
| 92-87-5    | Benzidine                  | 4.70  | U         | 4.70 | 11.5       | ug/L  |
| 129-00-0   | Pyrene                     | 1.20  | U         | 1.20 | 5.70       | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 2.40  | U         | 2.40 | 5.70       | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.50  | U         | 1.50 | 11.5       | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.10  | U         | 1.10 | 5.70       | ug/L  |
| 218-01-9   | Chrysene                   | 0.99  | U         | 0.99 | 5.70       | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 2.20  | U         | 2.20 | 5.70       | ug/L  |
| 117-84-0   | Di-n-octyl phthalate       | 2.90  | U         | 2.90 | 11.5       | ug/L  |
| 205-99-2   | Benzo(b)fluoranthene       | 1.30  | U         | 1.30 | 5.70       | ug/L  |
| 207-08-9   | Benzo(k)fluoranthene       | 1.40  | U         | 1.40 | 5.70       | ug/L  |
| 50-32-8    | Benzo(a)pyrene             | 1.90  | U         | 1.90 | 5.70       | ug/L  |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 1.20  | U         | 1.20 | 5.70       | ug/L  |
| 53-70-3    | Dibenzo(a,h)anthracene     | 1.30  | U         | 1.30 | 5.70       | ug/L  |
| 191-24-2   | Benzo(g,h,i)perylene       | 1.40  | U         | 1.40 | 5.70       | ug/L  |

### SURROGATES

|            |                  |      |   |          |      |          |
|------------|------------------|------|---|----------|------|----------|
| 367-12-4   | 2-Fluorophenol   | 46.6 | * | 60 - 140 | 47%  | SPK: 100 |
| 13127-88-3 | Phenol-d6        | 28.9 | * | 60 - 140 | 29%  | SPK: 100 |
| 4165-60-0  | Nitrobenzene-d5  | 102  |   | 60 - 140 | 102% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl | 95.2 |   | 60 - 140 | 95%  | SPK: 100 |

## Report of Analysis

|                    |                   |                  |                 |               |      |
|--------------------|-------------------|------------------|-----------------|---------------|------|
| Client:            | Ardmore Chemical  |                  | Date Collected: | 02/27/25      |      |
| Project:           | PVSC Monthly 2025 |                  | Date Received:  | 02/27/25      |      |
| Client Sample ID:  | EFF-WASTE WATER   |                  | SDG No.:        | Q1456         |      |
| Lab Sample ID:     | Q1456-02          |                  | Matrix:         | Water         |      |
| Analytical Method: | 625.1             |                  | % Solid:        | 0             |      |
| Sample Wt/Vol:     | 870               | Units: mL        | Final Vol:      | 1000          | uL   |
| Soil Aliquot Vol:  |                   | uL               | Test:           | SVOCMS Group1 |      |
| Extraction Type :  |                   | Decanted : N     | Level :         | LOW           |      |
| Injection Volume : |                   | GPC Factor : 1.0 | GPC Cleanup :   | N             | PH : |
| Prep Method :      | 3510C             |                  |                 |               |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM049681.D        | 1         | 02/28/25 08:40 | 02/28/25 16:36 | PB166933      |

| CAS Number | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|------------|----------------------|-------|-----------|----------|------------|----------|
| 118-79-6   | 2,4,6-Tribromophenol | 124   |           | 60 - 140 | 124%       | SPK: 100 |
| 1718-51-0  | Terphenyl-d14        | 85.6  |           | 60 - 140 | 86%        | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |        |
|------------|------------------------|---------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 263000  | 7.804  |
| 1146-65-2  | Naphthalene-d8         | 957000  | 10.598 |
| 15067-26-2 | Acenaphthene-d10       | 660000  | 14.445 |
| 1517-22-2  | Phenanthrene-d10       | 1420000 | 17.186 |
| 1719-03-5  | Chrysene-d12           | 1790000 | 21.427 |
| 1520-96-3  | Perylene-d12           | 1610000 | 24.439 |

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: | Q1456              | OrderDate: | 2/27/2025 12:51:00 PM |
| Client:  | Ardmore Chemical   | Project:   | PVSC Monthly 2025     |
| Contact: | Michael Sharphouse | Location:  | H11,VOA Ref. #3 Water |

| LabID    | ClientID        | Matrix | Test          | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|-----------------|--------|---------------|--------|-------------|-----------|-----------|----------|
| Q1456-02 | EFF-WASTE WATER | Water  | SVOCMS Group1 | 625.1  | 02/27/25    | 02/28/25  | 02/28/25  | 02/27/25 |