

## Report of Analysis

|                    |                    |                 |          |
|--------------------|--------------------|-----------------|----------|
| Client:            | Ardmore Chemical   | Date Collected: | 03/14/25 |
| Project:           | PVSC Monthly 2025  | Date Received:  | 03/14/25 |
| Client Sample ID:  | EFF-WASTE WATER    | SDG No.:        | Q1583    |
| Lab Sample ID:     | Q1583-01           | Matrix:         | Water    |
| Analytical Method: | E624.1             | % Solid:        | 0        |
| Sample Wt/Vol:     | 5 Units: mL        | Final Vol:      | 5000 uL  |
| Soil Aliquot Vol:  | uL                 | Test:           | VOC-PP   |
| GC Column:         | DB-624UI ID : 0.18 | Level :         | LOW      |
| Prep Method :      |                    |                 |          |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX045294.D        | 5         |           | 03/14/25 16:18 | VX031425      |

| CAS Number     | Parameter                 | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|---------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                           |       |           |      |            |       |
| 74-87-3        | Chloromethane             | 3.20  | U         | 3.20 | 25.0       | ug/L  |
| 75-01-4        | Vinyl Chloride            | 4.20  | U         | 4.20 | 25.0       | ug/L  |
| 74-83-9        | Bromomethane              | 4.00  | U         | 4.00 | 25.0       | ug/L  |
| 75-00-3        | Chloroethane              | 11.6  | U         | 11.6 | 25.0       | ug/L  |
| 75-69-4        | Trichlorofluoromethane    | 4.00  | U         | 4.00 | 25.0       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene        | 3.80  | U         | 3.80 | 25.0       | ug/L  |
| 107-02-8       | Acrolein                  | 33.1  | U         | 33.1 | 130        | ug/L  |
| 107-13-1       | Acrylonitrile             | 14.0  | U         | 14.0 | 130        | ug/L  |
| 75-09-2        | Methylene Chloride        | 4.30  | U         | 4.30 | 25.0       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene  | 4.10  | U         | 4.10 | 25.0       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane        | 3.40  | U         | 3.40 | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride      | 3.70  | U         | 3.70 | 25.0       | ug/L  |
| 67-66-3        | Chloroform                | 13.1  | J         | 2.80 | 25.0       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane     | 3.20  | U         | 3.20 | 25.0       | ug/L  |
| 71-43-2        | Benzene                   | 2.30  | U         | 2.30 | 25.0       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane        | 2.50  | U         | 2.50 | 25.0       | ug/L  |
| 79-01-6        | Trichloroethene           | 2.50  | U         | 2.50 | 25.0       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane       | 2.30  | U         | 2.30 | 25.0       | ug/L  |
| 75-27-4        | Bromodichloromethane      | 3.20  | U         | 3.20 | 25.0       | ug/L  |
| 108-88-3       | Toluene                   | 2.30  | U         | 2.30 | 25.0       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene     | 3.60  | U         | 3.60 | 25.0       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene   | 3.40  | U         | 3.40 | 25.0       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane     | 2.30  | U         | 2.30 | 25.0       | ug/L  |
| 110-75-8       | 2-Chloroethyl vinyl ether | 23.2  | U         | 23.2 | 130        | ug/L  |
| 124-48-1       | Dibromochloromethane      | 3.30  | U         | 3.30 | 25.0       | ug/L  |
| 127-18-4       | Tetrachloroethene         | 4.20  | U         | 4.20 | 25.0       | ug/L  |
| 108-90-7       | Chlorobenzene             | 2.40  | U         | 2.40 | 25.0       | ug/L  |
| 100-41-4       | Ethyl Benzene             | 2.80  | U         | 2.80 | 25.0       | ug/L  |
| 179601-23-1    | m/p-Xylenes               | 6.50  | U         | 6.50 | 50.0       | ug/L  |
| 95-47-6        | o-Xylene                  | 3.40  | U         | 3.40 | 25.0       | ug/L  |

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| Project:           | PVSC Monthly 2025 |           | Date Received:  | 03/14/25 |    |
| Client Sample ID:  | EFF-WASTE WATER   |           | SDG No.:        | Q1583    |    |
| Lab Sample ID:     | Q1583-01          |           | Matrix:         | Water    |    |
| Analytical Method: | E624.1            |           | % Solid:        | 0        |    |
| Sample Wt/Vol:     | 5                 | Units: mL | Final Vol:      | 5000     | uL |
| Soil Aliquot Vol:  |                   | uL        | Test:           | VOC-PP   |    |
| GC Column:         | DB-624UI          | ID : 0.18 | Level :         | LOW      |    |
| Prep Method :      |                   |           |                 |          |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX045294.D        | 5         |           | 03/14/25 16:18 | VX031425      |

| CAS Number                | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|---------------------------|-------|-----------|----------|------------|---------|
| 75-25-2                   | Bromoform                 | 4.70  | U         | 4.70     | 25.0       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 2.20  | U         | 2.20     | 25.0       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene       | 3.40  | U         | 3.40     | 25.0       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene       | 4.10  | U         | 4.10     | 25.0       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene       | 3.40  | U         | 3.40     | 25.0       | ug/L    |
| <b>SURROGATES</b>         |                           |       |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4     | 32.0  |           | 91 - 110 | 107%       | SPK: 30 |
| 2037-26-5                 | Toluene-d8                | 28.9  |           | 91 - 112 | 96%        | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene      | 31.8  |           | 63 - 112 | 106%       | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                           |       |           |          |            |         |
| 74-97-5                   | Bromochloromethane        | 15000 | 4.897     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene       | 76700 | 6.757     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5          | 71700 | 10.055    |          |            |         |

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