

## Report of Analysis

Client: Ardmore Chemical  
Project: PVSC Monthly 2025  
Client Sample ID: EFF-WWMS  
Lab Sample ID: Q3700-02MS  
Analytical Method: E624.1  
Sample Wt/Vol: 5 mL

Level: LOW  
Final Vol: 5000 uL

Date Collected: 11/20/25  
Date Received: 11/20/25  
SDG No.: Q3700  
Matrix: Water  
% Solid: 0  
Test: VOC-PP

| CAS Number                | Parameter                 | Conc.             | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|---------------------------|---------------------------|-------------------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>            |                           |                   |      |    |          |            |         |                |          |
| 74-87-3                   | Chloromethane             | 100               |      | 5  | 3.20     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 75-01-4                   | Vinyl Chloride            | 98.1              |      | 5  | 4.20     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 74-83-9                   | Bromomethane              | 84.2              |      | 5  | 4.00     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 75-00-3                   | Chloroethane              | 95.5              |      | 5  | 11.6     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 75-69-4                   | Trichlorofluoromethane    | 99.1              |      | 5  | 4.00     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 75-35-4                   | 1,1-Dichloroethene        | 100               |      | 5  | 3.80     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 107-02-8                  | Acrolein                  | 870               |      | 5  | 33.1     | 130        | ug/L    | 11/25/25 14:06 | VN112525 |
| 107-13-1                  | Acrylonitrile             | 540               |      | 5  | 14.0     | 130        | ug/L    | 11/25/25 14:06 | VN112525 |
| 75-09-2                   | Methylene Chloride        | 100               |      | 5  | 4.30     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 156-60-5                  | trans-1,2-Dichloroethene  | 99.4              |      | 5  | 4.10     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 75-34-3                   | 1,1-Dichloroethane        | 99.6              |      | 5  | 3.40     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 56-23-5                   | Carbon Tetrachloride      | 99.9              |      | 5  | 3.70     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 67-66-3                   | Chloroform                | 120               |      | 5  | 2.80     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 71-55-6                   | 1,1,1-Trichloroethane     | 100               |      | 5  | 3.20     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 71-43-2                   | Benzene                   | 110               |      | 5  | 2.30     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 107-06-2                  | 1,2-Dichloroethane        | 100               |      | 5  | 2.50     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 79-01-6                   | Trichloroethene           | 110               |      | 5  | 2.50     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 78-87-5                   | 1,2-Dichloropropane       | 110               |      | 5  | 2.30     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 75-27-4                   | Bromodichloromethane      | 110               |      | 5  | 3.20     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 108-88-3                  | Toluene                   | 100               |      | 5  | 2.30     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 10061-02-6                | t-1,3-Dichloropropene     | 100               |      | 5  | 3.60     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 10061-01-5                | cis-1,3-Dichloropropene   | 100               |      | 5  | 3.40     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 79-00-5                   | 1,1,2-Trichloroethane     | 110               |      | 5  | 2.30     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 110-75-8                  | 2-Chloroethyl vinyl ether | 23.2              | U    | 5  | 23.2     | 130        | ug/L    | 11/25/25 14:06 | VN112525 |
| 124-48-1                  | Dibromochloromethane      | 110               |      | 5  | 3.30     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 127-18-4                  | Tetrachloroethene         | 120               |      | 5  | 4.20     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 108-90-7                  | Chlorobenzene             | 100               |      | 5  | 2.40     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 100-41-4                  | Ethyl Benzene             | 98.4              |      | 5  | 2.80     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 179601-23-1               | m/p-Xylenes               | 200               |      | 5  | 6.50     | 50.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 95-47-6                   | o-Xylene                  | 100               |      | 5  | 3.40     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 75-25-2                   | Bromoform                 | 100               |      | 5  | 4.70     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 100               |      | 5  | 2.20     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 541-73-1                  | 1,3-Dichlorobenzene       | 100               |      | 5  | 3.40     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 106-46-7                  | 1,4-Dichlorobenzene       | 100               |      | 5  | 4.10     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| 95-50-1                   | 1,2-Dichlorobenzene       | 98.9              |      | 5  | 3.40     | 25.0       | ug/L    | 11/25/25 14:06 | VN112525 |
| <b>SURROGATES</b>         |                           |                   |      |    |          |            |         |                |          |
| 17060-07-0                | 1,2-Dichloroethane-d4     | 29.0              |      |    | 91 - 110 | 97%        | SPK: 30 |                |          |
| 2037-26-5                 | Toluene-d8                | 30.4              |      |    | 91 - 112 | 101%       | SPK: 30 |                |          |
| 460-00-4                  | 4-Bromofluorobenzene      | 28.3              |      |    | 63 - 112 | 94%        | SPK: 30 |                |          |
| <b>INTERNAL STANDARDS</b> |                           | <b>Area Count</b> |      |    |          |            |         |                |          |
| 74-97-5                   | Bromochloromethane        | 50800             |      |    |          |            |         |                |          |
| 540-36-3                  | 1,4-Difluorobenzene       | 259000            |      |    |          |            |         |                |          |
| 3114-55-4                 | Chlorobenzene-d5          | 234000            |      |    |          |            |         |                |          |

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|------------|-----------|-------|------|----|-----|------------|-------|-----------|---------|
|------------|-----------|-------|------|----|-----|------------|-------|-----------|---------|

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