

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WW
Lab Sample ID: Q3700-01
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
TARGETS									
74-87-3	Chloromethane	3.20	U	5	3.20	25.0	ug/L	11/25/25 13:45	VN112525
75-01-4	Vinyl Chloride	4.20	U	5	4.20	25.0	ug/L	11/25/25 13:45	VN112525
74-83-9	Bromomethane	4.00	U	5	4.00	25.0	ug/L	11/25/25 13:45	VN112525
75-00-3	Chloroethane	11.6	U	5	11.6	25.0	ug/L	11/25/25 13:45	VN112525
75-69-4	Trichlorofluoromethane	4.00	U	5	4.00	25.0	ug/L	11/25/25 13:45	VN112525
75-35-4	1,1-Dichloroethene	3.80	U	5	3.80	25.0	ug/L	11/25/25 13:45	VN112525
107-02-8	Acrolein	51.0	JQ	5	33.1	130	ug/L	11/25/25 13:45	VN112525
107-13-1	Acrylonitrile	14.0	U	5	14.0	130	ug/L	11/25/25 13:45	VN112525
75-09-2	Methylene Chloride	4.30	U	5	4.30	25.0	ug/L	11/25/25 13:45	VN112525
156-60-5	trans-1,2-Dichloroethene	4.10	U	5	4.10	25.0	ug/L	11/25/25 13:45	VN112525
75-34-3	1,1-Dichloroethane	3.40	U	5	3.40	25.0	ug/L	11/25/25 13:45	VN112525
56-23-5	Carbon Tetrachloride	3.70	U	5	3.70	25.0	ug/L	11/25/25 13:45	VN112525
67-66-3	Chloroform	17.1	J	5	2.80	25.0	ug/L	11/25/25 13:45	VN112525
71-55-6	1,1,1-Trichloroethane	3.20	U	5	3.20	25.0	ug/L	11/25/25 13:45	VN112525
71-43-2	Benzene	2.30	U	5	2.30	25.0	ug/L	11/25/25 13:45	VN112525
107-06-2	1,2-Dichloroethane	2.50	U	5	2.50	25.0	ug/L	11/25/25 13:45	VN112525
79-01-6	Trichloroethene	2.50	U	5	2.50	25.0	ug/L	11/25/25 13:45	VN112525
78-87-5	1,2-Dichloropropane	2.30	U	5	2.30	25.0	ug/L	11/25/25 13:45	VN112525
75-27-4	Bromodichloromethane	3.20	U	5	3.20	25.0	ug/L	11/25/25 13:45	VN112525
108-88-3	Toluene	2.30	U	5	2.30	25.0	ug/L	11/25/25 13:45	VN112525
10061-02-6	t-1,3-Dichloropropene	3.60	U	5	3.60	25.0	ug/L	11/25/25 13:45	VN112525
10061-01-5	cis-1,3-Dichloropropene	3.40	U	5	3.40	25.0	ug/L	11/25/25 13:45	VN112525
79-00-5	1,1,2-Trichloroethane	2.30	U	5	2.30	25.0	ug/L	11/25/25 13:45	VN112525
110-75-8	2-Chloroethyl vinyl ether	23.2	U	5	23.2	130	ug/L	11/25/25 13:45	VN112525
124-48-1	Dibromochloromethane	3.30	U	5	3.30	25.0	ug/L	11/25/25 13:45	VN112525
127-18-4	Tetrachloroethene	4.20	U	5	4.20	25.0	ug/L	11/25/25 13:45	VN112525
108-90-7	Chlorobenzene	2.40	U	5	2.40	25.0	ug/L	11/25/25 13:45	VN112525
100-41-4	Ethyl Benzene	2.80	U	5	2.80	25.0	ug/L	11/25/25 13:45	VN112525
179601-23-1	m/p-Xylenes	6.50	U	5	6.50	50.0	ug/L	11/25/25 13:45	VN112525
95-47-6	o-Xylene	3.40	U	5	3.40	25.0	ug/L	11/25/25 13:45	VN112525
75-25-2	Bromoform	4.70	U	5	4.70	25.0	ug/L	11/25/25 13:45	VN112525
79-34-5	1,1,2,2-Tetrachloroethane	2.20	U	5	2.20	25.0	ug/L	11/25/25 13:45	VN112525
541-73-1	1,3-Dichlorobenzene	3.40	U	5	3.40	25.0	ug/L	11/25/25 13:45	VN112525
106-46-7	1,4-Dichlorobenzene	4.10	U	5	4.10	25.0	ug/L	11/25/25 13:45	VN112525
95-50-1	1,2-Dichlorobenzene	3.40	U	5	3.40	25.0	ug/L	11/25/25 13:45	VN112525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	28.4			91 - 110	95%	SPK: 30		
2037-26-5	Toluene-d8	30.0			91 - 112	100%	SPK: 30		
460-00-4	4-Bromofluorobenzene	24.7			63 - 112	82%	SPK: 30		
INTERNAL STANDARDS		Area Count							
74-97-5	Bromochloromethane	50600							
540-36-3	1,4-Difluorobenzene	246000							
3114-55-4	Chlorobenzene-d5	215000							

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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