

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: VN1020WBL01
Lab Sample ID: VN1020WBL01
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3385
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	0.64	U	1	0.64	5.00	ug/L	10/20/25 10:55	VN102025
75-01-4	Vinyl Chloride	0.83	U	1	0.83	5.00	ug/L	10/20/25 10:55	VN102025
74-83-9	Bromomethane	0.80	U	1	0.80	5.00	ug/L	10/20/25 10:55	VN102025
75-00-3	Chloroethane	2.30	U	1	2.30	5.00	ug/L	10/20/25 10:55	VN102025
75-69-4	Trichlorofluoromethane	0.80	U	1	0.80	5.00	ug/L	10/20/25 10:55	VN102025
75-35-4	1,1-Dichloroethene	0.76	U	1	0.76	5.00	ug/L	10/20/25 10:55	VN102025
107-02-8	Acrolein	6.60	U	1	6.60	25.0	ug/L	10/20/25 10:55	VN102025
107-13-1	Acrylonitrile	2.80	U	1	2.80	25.0	ug/L	10/20/25 10:55	VN102025
75-09-2	Methylene Chloride	0.86	U	1	0.86	5.00	ug/L	10/20/25 10:55	VN102025
156-60-5	trans-1,2-Dichloroethene	0.82	U	1	0.82	5.00	ug/L	10/20/25 10:55	VN102025
75-34-3	1,1-Dichloroethane	0.68	U	1	0.68	5.00	ug/L	10/20/25 10:55	VN102025
56-23-5	Carbon Tetrachloride	0.74	U	1	0.74	5.00	ug/L	10/20/25 10:55	VN102025
67-66-3	Chloroform	0.55	U	1	0.55	5.00	ug/L	10/20/25 10:55	VN102025
71-55-6	1,1,1-Trichloroethane	0.63	U	1	0.63	5.00	ug/L	10/20/25 10:55	VN102025
71-43-2	Benzene	0.45	U	1	0.45	5.00	ug/L	10/20/25 10:55	VN102025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.50	5.00	ug/L	10/20/25 10:55	VN102025
79-01-6	Trichloroethene	0.49	U	1	0.49	5.00	ug/L	10/20/25 10:55	VN102025
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	5.00	ug/L	10/20/25 10:55	VN102025
75-27-4	Bromodichloromethane	0.64	U	1	0.64	5.00	ug/L	10/20/25 10:55	VN102025
108-88-3	Toluene	0.46	U	1	0.46	5.00	ug/L	10/20/25 10:55	VN102025
10061-02-6	t-1,3-Dichloropropene	0.72	U	1	0.72	5.00	ug/L	10/20/25 10:55	VN102025
10061-01-5	cis-1,3-Dichloropropene	0.67	U	1	0.67	5.00	ug/L	10/20/25 10:55	VN102025
79-00-5	1,1,2-Trichloroethane	0.45	U	1	0.45	5.00	ug/L	10/20/25 10:55	VN102025
110-75-8	2-Chloroethyl vinyl ether	4.60	U	1	4.60	25.0	ug/L	10/20/25 10:55	VN102025
124-48-1	Dibromochloromethane	0.66	U	1	0.66	5.00	ug/L	10/20/25 10:55	VN102025
127-18-4	Tetrachloroethene	0.84	U	1	0.84	5.00	ug/L	10/20/25 10:55	VN102025
108-90-7	Chlorobenzene	0.47	U	1	0.47	5.00	ug/L	10/20/25 10:55	VN102025
100-41-4	Ethyl Benzene	0.56	U	1	0.56	5.00	ug/L	10/20/25 10:55	VN102025
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.0	ug/L	10/20/25 10:55	VN102025
95-47-6	o-Xylene	0.67	U	1	0.67	5.00	ug/L	10/20/25 10:55	VN102025
75-25-2	Bromoform	0.94	U	1	0.94	5.00	ug/L	10/20/25 10:55	VN102025
79-34-5	1,1,2,2-Tetrachloroethane	0.44	U	1	0.44	5.00	ug/L	10/20/25 10:55	VN102025
541-73-1	1,3-Dichlorobenzene	0.67	U	1	0.67	5.00	ug/L	10/20/25 10:55	VN102025
106-46-7	1,4-Dichlorobenzene	0.81	U	1	0.81	5.00	ug/L	10/20/25 10:55	VN102025
95-50-1	1,2-Dichlorobenzene	0.67	U	1	0.67	5.00	ug/L	10/20/25 10:55	VN102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	32.6			91 - 110	108%	SPK: 30		
2037-26-5	Toluene-d8	30.7			91 - 112	102%	SPK: 30		
460-00-4	4-Bromofluorobenzene	28.4			63 - 112	95%	SPK: 30		
INTERNAL STANDARDS		Area Count							
74-97-5	Bromochloromethane	56100							
540-36-3	1,4-Difluorobenzene	303000							
3114-55-4	Chlorobenzene-d5	267000							

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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