

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: VN1125WBS01
Lab Sample ID: VN1125WBS01
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
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	19.5		1	0.64	5.00	ug/L	11/25/25 11:36	VN112525
75-01-4	Vinyl Chloride	18.4		1	0.83	5.00	ug/L	11/25/25 11:36	VN112525
74-83-9	Bromomethane	17.3		1	0.80	5.00	ug/L	11/25/25 11:36	VN112525
75-00-3	Chloroethane	18.8		1	2.30	5.00	ug/L	11/25/25 11:36	VN112525
75-69-4	Trichlorofluoromethane	18.6		1	0.80	5.00	ug/L	11/25/25 11:36	VN112525
75-35-4	1,1-Dichloroethene	18.7		1	0.76	5.00	ug/L	11/25/25 11:36	VN112525
107-02-8	Acrolein	160		1	6.60	25.0	ug/L	11/25/25 11:36	VN112525
107-13-1	Acrylonitrile	98.5		1	2.80	25.0	ug/L	11/25/25 11:36	VN112525
75-09-2	Methylene Chloride	19.0		1	0.86	5.00	ug/L	11/25/25 11:36	VN112525
156-60-5	trans-1,2-Dichloroethene	18.4		1	0.82	5.00	ug/L	11/25/25 11:36	VN112525
75-34-3	1,1-Dichloroethane	18.4		1	0.68	5.00	ug/L	11/25/25 11:36	VN112525
56-23-5	Carbon Tetrachloride	20.2		1	0.74	5.00	ug/L	11/25/25 11:36	VN112525
67-66-3	Chloroform	19.2		1	0.55	5.00	ug/L	11/25/25 11:36	VN112525
71-55-6	1,1,1-Trichloroethane	20.6		1	0.63	5.00	ug/L	11/25/25 11:36	VN112525
71-43-2	Benzene	20.3		1	0.45	5.00	ug/L	11/25/25 11:36	VN112525
107-06-2	1,2-Dichloroethane	20.4		1	0.50	5.00	ug/L	11/25/25 11:36	VN112525
79-01-6	Trichloroethene	21.0		1	0.49	5.00	ug/L	11/25/25 11:36	VN112525
78-87-5	1,2-Dichloropropane	21.0		1	0.46	5.00	ug/L	11/25/25 11:36	VN112525
75-27-4	Bromodichloromethane	20.8		1	0.64	5.00	ug/L	11/25/25 11:36	VN112525
108-88-3	Toluene	20.8		1	0.46	5.00	ug/L	11/25/25 11:36	VN112525
10061-02-6	t-1,3-Dichloropropene	19.2		1	0.72	5.00	ug/L	11/25/25 11:36	VN112525
10061-01-5	cis-1,3-Dichloropropene	20.6		1	0.67	5.00	ug/L	11/25/25 11:36	VN112525
79-00-5	1,1,2-Trichloroethane	20.8		1	0.45	5.00	ug/L	11/25/25 11:36	VN112525
110-75-8	2-Chloroethyl vinyl ether	100		1	4.60	25.0	ug/L	11/25/25 11:36	VN112525
124-48-1	Dibromochloromethane	20.7		1	0.66	5.00	ug/L	11/25/25 11:36	VN112525
127-18-4	Tetrachloroethene	25.9		1	0.84	5.00	ug/L	11/25/25 11:36	VN112525
108-90-7	Chlorobenzene	20.5		1	0.47	5.00	ug/L	11/25/25 11:36	VN112525
100-41-4	Ethyl Benzene	20.1		1	0.56	5.00	ug/L	11/25/25 11:36	VN112525
179601-23-1	m/p-Xylenes	40.1		1	1.30	10.0	ug/L	11/25/25 11:36	VN112525
95-47-6	o-Xylene	20.0		1	0.67	5.00	ug/L	11/25/25 11:36	VN112525
75-25-2	Bromoform	20.3		1	0.94	5.00	ug/L	11/25/25 11:36	VN112525
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1	0.44	5.00	ug/L	11/25/25 11:36	VN112525
541-73-1	1,3-Dichlorobenzene	19.4		1	0.67	5.00	ug/L	11/25/25 11:36	VN112525
106-46-7	1,4-Dichlorobenzene	20.0		1	0.81	5.00	ug/L	11/25/25 11:36	VN112525
95-50-1	1,2-Dichlorobenzene	19.9		1	0.67	5.00	ug/L	11/25/25 11:36	VN112525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	28.5			91 - 110	95%	SPK: 30		
2037-26-5	Toluene-d8	31.0			91 - 112	103%	SPK: 30		
460-00-4	4-Bromofluorobenzene	28.5			63 - 112	95%	SPK: 30		
INTERNAL STANDARDS		Area Count							
74-97-5	Bromochloromethane	57200							
540-36-3	1,4-Difluorobenzene	285000							
3114-55-4	Chlorobenzene-d5	251000							

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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