

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WWMSD
Lab Sample ID: Q3700-03MSD
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	100		5	3.20	25.0	ug/L	11/26/25 11:43	VN112625
75-01-4	Vinyl Chloride	100		5	4.20	25.0	ug/L	11/26/25 11:43	VN112625
74-83-9	Bromomethane	87.3		5	4.00	25.0	ug/L	11/26/25 11:43	VN112625
75-00-3	Chloroethane	100		5	11.6	25.0	ug/L	11/26/25 11:43	VN112625
75-69-4	Trichlorofluoromethane	110		5	4.00	25.0	ug/L	11/26/25 11:43	VN112625
75-35-4	1,1-Dichloroethene	110		5	3.80	25.0	ug/L	11/26/25 11:43	VN112625
107-02-8	Acrolein	730		5	33.1	130	ug/L	11/26/25 11:43	VN112625
107-13-1	Acrylonitrile	520		5	14.0	130	ug/L	11/26/25 11:43	VN112625
75-09-2	Methylene Chloride	98.3		5	4.30	25.0	ug/L	11/26/25 11:43	VN112625
156-60-5	trans-1,2-Dichloroethene	96.4		5	4.10	25.0	ug/L	11/26/25 11:43	VN112625
75-34-3	1,1-Dichloroethane	100		5	3.40	25.0	ug/L	11/26/25 11:43	VN112625
56-23-5	Carbon Tetrachloride	110		5	3.70	25.0	ug/L	11/26/25 11:43	VN112625
67-66-3	Chloroform	120		5	2.80	25.0	ug/L	11/26/25 11:43	VN112625
71-55-6	1,1,1-Trichloroethane	110		5	3.20	25.0	ug/L	11/26/25 11:43	VN112625
71-43-2	Benzene	110		5	2.30	25.0	ug/L	11/26/25 11:43	VN112625
107-06-2	1,2-Dichloroethane	99.8		5	2.50	25.0	ug/L	11/26/25 11:43	VN112625
79-01-6	Trichloroethene	110		5	2.50	25.0	ug/L	11/26/25 11:43	VN112625
78-87-5	1,2-Dichloropropane	110		5	2.30	25.0	ug/L	11/26/25 11:43	VN112625
75-27-4	Bromodichloromethane	110		5	3.20	25.0	ug/L	11/26/25 11:43	VN112625
108-88-3	Toluene	110		5	2.30	25.0	ug/L	11/26/25 11:43	VN112625
10061-02-6	t-1,3-Dichloropropene	97.7		5	3.60	25.0	ug/L	11/26/25 11:43	VN112625
10061-01-5	cis-1,3-Dichloropropene	99.8		5	3.40	25.0	ug/L	11/26/25 11:43	VN112625
79-00-5	1,1,2-Trichloroethane	100		5	2.30	25.0	ug/L	11/26/25 11:43	VN112625
110-75-8	2-Chloroethyl vinyl ether	140		5	23.2	130	ug/L	11/26/25 11:43	VN112625
124-48-1	Dibromochloromethane	110		5	3.30	25.0	ug/L	11/26/25 11:43	VN112625
127-18-4	Tetrachloroethene	130		5	4.20	25.0	ug/L	11/26/25 11:43	VN112625
108-90-7	Chlorobenzene	100		5	2.40	25.0	ug/L	11/26/25 11:43	VN112625
100-41-4	Ethyl Benzene	100		5	2.80	25.0	ug/L	11/26/25 11:43	VN112625
179601-23-1	m/p-Xylenes	210		5	6.50	50.0	ug/L	11/26/25 11:43	VN112625
95-47-6	o-Xylene	100		5	3.40	25.0	ug/L	11/26/25 11:43	VN112625
75-25-2	Bromoform	99.6		5	4.70	25.0	ug/L	11/26/25 11:43	VN112625
79-34-5	1,1,2,2-Tetrachloroethane	99.9		5	2.20	25.0	ug/L	11/26/25 11:43	VN112625
541-73-1	1,3-Dichlorobenzene	110		5	3.40	25.0	ug/L	11/26/25 11:43	VN112625
106-46-7	1,4-Dichlorobenzene	100		5	4.10	25.0	ug/L	11/26/25 11:43	VN112625
95-50-1	1,2-Dichlorobenzene	100		5	3.40	25.0	ug/L	11/26/25 11:43	VN112625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	27.8			91 - 110	93%	SPK: 30		
2037-26-5	Toluene-d8	30.9			91 - 112	103%	SPK: 30		
460-00-4	4-Bromofluorobenzene	28.7			63 - 112	96%	SPK: 30		
INTERNAL STANDARDS		Area Count							
74-97-5	Bromochloromethane	55000							
540-36-3	1,4-Difluorobenzene	283000							
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