

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	09/12/25
Project:	PVSC Monthly 2025	Date Received:	09/12/25
Client Sample ID:	EFF-WWMSD	SDG No.:	Q3098
Lab Sample ID:	Q3098-03MSD	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-PP

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087880.D	5	09/17/25 15:18	VN091725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	85.9		3.20	25.0	ug/L
75-01-4	Vinyl Chloride	82.8		4.20	25.0	ug/L
74-83-9	Bromomethane	78.3		4.00	25.0	ug/L
75-00-3	Chloroethane	78.6		11.6	25.0	ug/L
75-69-4	Trichlorofluoromethane	94.2		4.00	25.0	ug/L
75-35-4	1,1-Dichloroethene	90.5		3.80	25.0	ug/L
107-02-8	Acrolein	670		33.1	130	ug/L
107-13-1	Acrylonitrile	500		14.0	130	ug/L
75-09-2	Methylene Chloride	97.5		4.30	25.0	ug/L
156-60-5	trans-1,2-Dichloroethene	97.9		4.10	25.0	ug/L
75-34-3	1,1-Dichloroethane	98.9		3.40	25.0	ug/L
56-23-5	Carbon Tetrachloride	100		3.70	25.0	ug/L
67-66-3	Chloroform	120		2.80	25.0	ug/L
71-55-6	1,1,1-Trichloroethane	100		3.20	25.0	ug/L
71-43-2	Benzene	94.7		2.30	25.0	ug/L
107-06-2	1,2-Dichloroethane	91.3		2.50	25.0	ug/L
79-01-6	Trichloroethene	100		2.50	25.0	ug/L
78-87-5	1,2-Dichloropropane	92.3		2.30	25.0	ug/L
75-27-4	Bromodichloromethane	98.3		3.20	25.0	ug/L
108-88-3	Toluene	94.7		2.30	25.0	ug/L
10061-02-6	t-1,3-Dichloropropene	89.4		3.60	25.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	89.4		3.40	25.0	ug/L
79-00-5	1,1,2-Trichloroethane	100		2.30	25.0	ug/L
110-75-8	2-Chloroethyl vinyl ether	23.2	U	23.2	130	ug/L
124-48-1	Dibromochloromethane	98.8		3.30	25.0	ug/L
127-18-4	Tetrachloroethene	100		4.20	25.0	ug/L
108-90-7	Chlorobenzene	98.0		2.40	25.0	ug/L
100-41-4	Ethyl Benzene	93.0		2.80	25.0	ug/L
179601-23-1	m/p-Xylenes	200		6.50	50.0	ug/L
95-47-6	o-Xylene	96.2		3.40	25.0	ug/L

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75-25-2	Bromoform	99.6		4.70	25.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	99.5		2.20	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	100		3.40	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	100		4.10	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	100		3.40	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.2		91 - 110	94%	SPK: 30
2037-26-5	Toluene-d8	28.8		91 - 112	96%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.9		63 - 112	96%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	50300	7.794			
540-36-3	1,4-Difluorobenzene	267000	9.083			
3114-55-4	Chlorobenzene-d5	246000	11.847			

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