

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	09/12/25
Project:	PVSC Monthly 2025	Date Received:	09/12/25
Client Sample ID:	EFF-WWMS	SDG No.:	Q3098
Lab Sample ID:	Q3098-02MS	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
VN087879.D	5	09/17/25 14:57	VN091725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	72.2		3.20	25.0	ug/L
75-01-4	Vinyl Chloride	69.7		4.20	25.0	ug/L
74-83-9	Bromomethane	66.0		4.00	25.0	ug/L
75-00-3	Chloroethane	66.3		11.6	25.0	ug/L
75-69-4	Trichlorofluoromethane	80.1		4.00	25.0	ug/L
75-35-4	1,1-Dichloroethene	70.1		3.80	25.0	ug/L
107-02-8	Acrolein	570		33.1	130	ug/L
107-13-1	Acrylonitrile	450		14.0	130	ug/L
75-09-2	Methylene Chloride	84.9		4.30	25.0	ug/L
156-60-5	trans-1,2-Dichloroethene	85.8		4.10	25.0	ug/L
75-34-3	1,1-Dichloroethane	82.5		3.40	25.0	ug/L
56-23-5	Carbon Tetrachloride	87.2		3.70	25.0	ug/L
67-66-3	Chloroform	110		2.80	25.0	ug/L
71-55-6	1,1,1-Trichloroethane	89.0		3.20	25.0	ug/L
71-43-2	Benzene	83.0		2.30	25.0	ug/L
107-06-2	1,2-Dichloroethane	84.9		2.50	25.0	ug/L
79-01-6	Trichloroethene	87.3		2.50	25.0	ug/L
78-87-5	1,2-Dichloropropane	85.4		2.30	25.0	ug/L
75-27-4	Bromodichloromethane	88.8		3.20	25.0	ug/L
108-88-3	Toluene	87.2		2.30	25.0	ug/L
10061-02-6	t-1,3-Dichloropropene	79.4		3.60	25.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	77.1		3.40	25.0	ug/L
79-00-5	1,1,2-Trichloroethane	89.9		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	92.9		3.30	25.0	ug/L
127-18-4	Tetrachloroethene	96.8		4.20	25.0	ug/L
108-90-7	Chlorobenzene	88.7		2.40	25.0	ug/L
100-41-4	Ethyl Benzene	82.7		2.80	25.0	ug/L
179601-23-1	m/p-Xylenes	170		6.50	50.0	ug/L
95-47-6	o-Xylene	86.6		3.40	25.0	ug/L

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75-25-2	Bromoform	91.4		4.70	25.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	94.3		2.20	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	89.4		3.40	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	92.0		4.10	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	95.3		3.40	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.1		91 - 110	94%	SPK: 30
2037-26-5	Toluene-d8	29.1		91 - 112	97%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.8		63 - 112	103%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	45500	7.8			
540-36-3	1,4-Difluorobenzene	232000	9.082			
3114-55-4	Chlorobenzene-d5	209000	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