

Report of Analysis

Client:	Ardmore Chemical		Date Collected:		
Project:	PVSC Monthly 2025		Date Received:		
Client Sample ID:	VN0110WBSD01		SDG No.:	Q1066	
Lab Sample ID:	VN0110WBSD01		Matrix:	Water	
Analytical Method:	E624.1		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-PP	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085420.D	1		01/10/25 11:57	VN011025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	18.2		1.20	5.00	ug/L
75-01-4	Vinyl Chloride	18.6		1.20	5.00	ug/L
74-83-9	Bromomethane	19.2		1.40	5.00	ug/L
75-00-3	Chloroethane	18.7		2.90	5.00	ug/L
75-69-4	Trichlorofluoromethane	20.1		1.00	5.00	ug/L
75-35-4	1,1-Dichloroethene	20.2		1.10	5.00	ug/L
107-02-8	Acrolein	120		9.30	25.0	ug/L
107-13-1	Acrylonitrile	97.6		3.70	25.0	ug/L
75-09-2	Methylene Chloride	20.1		1.20	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.5		0.95	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.7		0.81	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.91	5.00	ug/L
67-66-3	Chloroform	20.2		0.72	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.7		0.79	5.00	ug/L
71-43-2	Benzene	20.2		0.69	5.00	ug/L
107-06-2	1,2-Dichloroethane	20.0		0.75	5.00	ug/L
79-01-6	Trichloroethene	20.2		0.77	5.00	ug/L
78-87-5	1,2-Dichloropropane	20.4		0.65	5.00	ug/L
75-27-4	Bromodichloromethane	20.4		0.81	5.00	ug/L
108-88-3	Toluene	19.8		0.72	5.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.9		0.79	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.83	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.1		0.68	5.00	ug/L
110-75-8	2-Chloroethyl vinyl ether	110		5.60	25.0	ug/L
124-48-1	Dibromochloromethane	19.4		0.72	5.00	ug/L
127-18-4	Tetrachloroethene	20.5		0.94	5.00	ug/L
108-90-7	Chlorobenzene	20.8		0.67	5.00	ug/L
100-41-4	Ethyl Benzene	20.0		0.73	5.00	ug/L
179601-23-1	m/p-Xylenes	40.8		1.70	10.0	ug/L
95-47-6	o-Xylene	20.2		0.82	5.00	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
75-25-2	Bromoform	18.8		1.00	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.4		0.60	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.1		0.88	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.7		0.95	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.6		0.88	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.5		91 - 110	98%	SPK: 30
2037-26-5	Toluene-d8	29.5		91 - 112	98%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.9		63 - 112	96%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	34600	7.806			
540-36-3	1,4-Difluorobenzene	185000	9.095			
3114-55-4	Chlorobenzene-d5	173000	11.859			

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