

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WW
Lab Sample ID: Q3385-01
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3385
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	3.20	U	5	3.20	25.0	ug/L	10/20/25 11:31	VN102025
75-01-4	Vinyl Chloride	4.20	U	5	4.20	25.0	ug/L	10/20/25 11:31	VN102025
74-83-9	Bromomethane	4.00	U	5	4.00	25.0	ug/L	10/20/25 11:31	VN102025
75-00-3	Chloroethane	11.6	U	5	11.6	25.0	ug/L	10/20/25 11:31	VN102025
75-69-4	Trichlorofluoromethane	4.00	U	5	4.00	25.0	ug/L	10/20/25 11:31	VN102025
75-35-4	1,1-Dichloroethene	3.80	U	5	3.80	25.0	ug/L	10/20/25 11:31	VN102025
107-02-8	Acrolein	33.1	U	5	33.1	130	ug/L	10/20/25 11:31	VN102025
107-13-1	Acrylonitrile	14.0	U	5	14.0	130	ug/L	10/20/25 11:31	VN102025
75-09-2	Methylene Chloride	4.30	U	5	4.30	25.0	ug/L	10/20/25 11:31	VN102025
156-60-5	trans-1,2-Dichloroethene	4.10	U	5	4.10	25.0	ug/L	10/20/25 11:31	VN102025
75-34-3	1,1-Dichloroethane	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
56-23-5	Carbon Tetrachloride	3.70	U	5	3.70	25.0	ug/L	10/20/25 11:31	VN102025
67-66-3	Chloroform	80.3		5	2.80	25.0	ug/L	10/20/25 11:31	VN102025
71-55-6	1,1,1-Trichloroethane	3.20	U	5	3.20	25.0	ug/L	10/20/25 11:31	VN102025
71-43-2	Benzene	2.30	U	5	2.30	25.0	ug/L	10/20/25 11:31	VN102025
107-06-2	1,2-Dichloroethane	2.50	U	5	2.50	25.0	ug/L	10/20/25 11:31	VN102025
79-01-6	Trichloroethene	2.50	U	5	2.50	25.0	ug/L	10/20/25 11:31	VN102025
78-87-5	1,2-Dichloropropane	2.30	U	5	2.30	25.0	ug/L	10/20/25 11:31	VN102025
75-27-4	Bromodichloromethane	6.70	J	5	3.20	25.0	ug/L	10/20/25 11:31	VN102025
108-88-3	Toluene	2.30	U	5	2.30	25.0	ug/L	10/20/25 11:31	VN102025
10061-02-6	t-1,3-Dichloropropene	3.60	U	5	3.60	25.0	ug/L	10/20/25 11:31	VN102025
10061-01-5	cis-1,3-Dichloropropene	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
79-00-5	1,1,2-Trichloroethane	2.30	U	5	2.30	25.0	ug/L	10/20/25 11:31	VN102025
110-75-8	2-Chloroethyl vinyl ether	23.2	U	5	23.2	130	ug/L	10/20/25 11:31	VN102025
124-48-1	Dibromochloromethane	3.30	U	5	3.30	25.0	ug/L	10/20/25 11:31	VN102025
127-18-4	Tetrachloroethene	4.20	U	5	4.20	25.0	ug/L	10/20/25 11:31	VN102025
108-90-7	Chlorobenzene	2.40	U	5	2.40	25.0	ug/L	10/20/25 11:31	VN102025
100-41-4	Ethyl Benzene	2.80	U	5	2.80	25.0	ug/L	10/20/25 11:31	VN102025
179601-23-1	m/p-Xylenes	6.50	U	5	6.50	50.0	ug/L	10/20/25 11:31	VN102025
95-47-6	o-Xylene	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
75-25-2	Bromoform	4.70	U	5	4.70	25.0	ug/L	10/20/25 11:31	VN102025
79-34-5	1,1,2,2-Tetrachloroethane	2.20	U	5	2.20	25.0	ug/L	10/20/25 11:31	VN102025
541-73-1	1,3-Dichlorobenzene	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
106-46-7	1,4-Dichlorobenzene	4.10	U	5	4.10	25.0	ug/L	10/20/25 11:31	VN102025
95-50-1	1,2-Dichlorobenzene	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	32.3			91 - 110	108%	SPK: 30		
2037-26-5	Toluene-d8	31.1			91 - 112	104%	SPK: 30		
460-00-4	4-Bromofluorobenzene	28.8			63 - 112	96%	SPK: 30		
INTERNAL STANDARDS		Area Count							
74-97-5	Bromochloromethane	63500							
540-36-3	1,4-Difluorobenzene	357000							
3114-55-4	Chlorobenzene-d5	313000							

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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