

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	12/06/24
Project:	PVSC Monthly 2024	Date Received:	12/06/24
Client Sample ID:	EFF-WASTE WATER	SDG No.:	P5192
Lab Sample ID:	P5192-01	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:	Prep Date	Date Analyzed	Prep Batch ID
VN085139.D	5		12/06/24 20:03	VN120624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	5.90	U	5.90	25.0	ug/L
75-01-4	Vinyl Chloride	6.10	U	6.10	25.0	ug/L
74-83-9	Bromomethane	6.90	U	6.90	25.0	ug/L
75-00-3	Chloroethane	14.6	U	14.6	25.0	ug/L
75-69-4	Trichlorofluoromethane	5.10	U	5.10	25.0	ug/L
75-35-4	1,1-Dichloroethene	5.30	U	5.30	25.0	ug/L
107-02-8	Acrolein	46.5	U	46.5	130	ug/L
107-13-1	Acrylonitrile	18.4	U	18.4	130	ug/L
75-09-2	Methylene Chloride	6.10	U	6.10	25.0	ug/L
156-60-5	trans-1,2-Dichloroethene	4.80	U	4.80	25.0	ug/L
75-34-3	1,1-Dichloroethane	4.10	U	4.10	25.0	ug/L
56-23-5	Carbon Tetrachloride	4.60	U	4.60	25.0	ug/L
67-66-3	Chloroform	14.7	J	3.60	25.0	ug/L
71-55-6	1,1,1-Trichloroethane	4.00	U	4.00	25.0	ug/L
71-43-2	Benzene	3.50	U	3.50	25.0	ug/L
107-06-2	1,2-Dichloroethane	3.80	U	3.80	25.0	ug/L
79-01-6	Trichloroethene	3.90	U	3.90	25.0	ug/L
78-87-5	1,2-Dichloropropane	3.30	U	3.30	25.0	ug/L
75-27-4	Bromodichloromethane	4.10	U	4.10	25.0	ug/L
108-88-3	Toluene	3.60	U	3.60	25.0	ug/L
10061-02-6	t-1,3-Dichloropropene	4.00	U	4.00	25.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	4.20	U	4.20	25.0	ug/L
79-00-5	1,1,2-Trichloroethane	3.40	U	3.40	25.0	ug/L
110-75-8	2-Chloroethyl vinyl ether	28.2	U	28.2	130	ug/L
124-48-1	Dibromochloromethane	3.60	U	3.60	25.0	ug/L
127-18-4	Tetrachloroethene	4.70	U	4.70	25.0	ug/L
108-90-7	Chlorobenzene	3.40	U	3.40	25.0	ug/L
100-41-4	Ethyl Benzene	3.70	U	3.70	25.0	ug/L
179601-23-1	m/p-Xylenes	8.60	U	8.60	50.0	ug/L
95-47-6	o-Xylene	4.10	U	4.10	25.0	ug/L

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75-25-2	Bromoform	5.00	U	5.00	25.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	3.00	U	3.00	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	4.40	U	4.40	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	4.80	U	4.80	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	4.40	U	4.40	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	31.9		91 - 110	106%	SPK: 30
2037-26-5	Toluene-d8	30.4		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	26.7		63 - 112	89%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	27800	7.812			
540-36-3	1,4-Difluorobenzene	156000	9.1			
3114-55-4	Chlorobenzene-d5	135000	11.865			

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