Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Ardmore Chemical	Date Collected:	10/17/25
Project:	PVSC Monthly 2025	Date Received:	10/17/25
Client Sample ID:	EFF-WWMSD	SDG No.:	Q3385
Lab Sample ID:	Q3385-03MSD	Matrix:	Water
Analytical Method:	E624.1	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-PP

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
74-87-3	Chloromethane	97.6		5	3.20	25.0	ug/L	10/17/25 16:00	VN101725
75-01-4	Vinyl Chloride	110		5	4.20	25.0	ug/L	10/17/25 16:00	VN101725
74-83-9	Bromomethane	110		5	4.00	25.0	ug/L	10/17/25 16:00	VN101725
75-00-3	Chloroethane	110		5	11.6	25.0	ug/L	10/17/25 16:00	VN101725
75-69-4	Trichlorofluoromethane	120		5	4.00	25.0	ug/L	10/17/25 16:00	VN101725
75-35-4	1,1-Dichloroethene	110		5	3.80	25.0	ug/L	10/17/25 16:00	VN101725
107-02-8	Acrolein	480		5	33.1	130	ug/L	10/17/25 16:00	VN101725
107-13-1	Acrylonitrile	490		5	14.0	130	ug/L	10/17/25 16:00	VN101725
75-09-2	Methylene Chloride	99.4		5	4.30	25.0	ug/L	10/17/25 16:00	VN101725
156-60-5	trans-1,2-Dichloroethene	98.9		5	4.10	25.0	ug/L	10/17/25 16:00	VN101725
75-34-3	1,1-Dichloroethane	100		5	3.40	25.0	ug/L	10/17/25 16:00	VN101725
56-23-5	Carbon Tetrachloride	110		5	3.70	25.0	ug/L	10/17/25 16:00	VN101725
67-66-3	Chloroform	190		5	2.80	25.0	ug/L	10/17/25 16:00	VN101725
71-55-6	1,1,1-Trichloroethane	110		5	3.20	25.0	ug/L	10/17/25 16:00	VN101725
71-43-2	Benzene	95.6		5	2.30	25.0	ug/L	10/17/25 16:00	VN101725
107-06-2	1,2-Dichloroethane	99.4		5	2.50	25.0	ug/L	10/17/25 16:00	VN101725
79-01-6	Trichloroethene	93.6		5	2.50	25.0	ug/L	10/17/25 16:00	VN101725
78-87-5	1,2-Dichloropropane	96.5		5	2.30	25.0	ug/L	10/17/25 16:00	VN101725
75-27-4	Bromodichloromethane	100		5	3.20	25.0	ug/L	10/17/25 16:00	VN101725
108-88-3	Toluene	97.2		5	2.30	25.0	ug/L	10/17/25 16:00	VN101725
10061-02-6	t-1,3-Dichloropropene	92.2		5	3.60	25.0	ug/L	10/17/25 16:00	VN101725
10061-01-5	cis-1,3-Dichloropropene	92.3		5	3.40	25.0	ug/L	10/17/25 16:00	VN101725
79-00-5	1,1,2-Trichloroethane	93.6		5	2.30	25.0	ug/L	10/17/25 16:00	VN101725
110-75-8	2-Chloroethyl vinyl ether	220		5	23.2	130	ug/L	10/17/25 16:00	VN101725
124-48-1	Dibromochloromethane	91.5		5	3.30	25.0	ug/L	10/17/25 16:00	VN101725
127-18-4	Tetrachloroethene	93.9		5	4.20	25.0	ug/L	10/17/25 16:00	VN101725
108-90-7	Chlorobenzene	93.7		5	2.40	25.0	ug/L	10/17/25 16:00	VN101725
100-41-4	Ethyl Benzene	99.9		5	2.80	25.0	ug/L	10/17/25 16:00	VN101725
179601-23-1	m/p-Xylenes	200		5	6.50	50.0	ug/L	10/17/25 16:00	VN101725
95-47-6	o-Xylene	96.4		5	3.40	25.0	ug/L	10/17/25 16:00	VN101725
75-25-2	Bromoform	83.9		5	4.70	25.0	ug/L	10/17/25 16:00	VN101725
79-34-5	1,1,2,2-Tetrachloroethane	98.0		5	2.20	25.0	ug/L	10/17/25 16:00	VN101725
541-73-1	1,3-Dichlorobenzene	93.7		5	3.40	25.0	ug/L	10/17/25 16:00	VN101725
106-46-7	1,4-Dichlorobenzene	95.7		5	4.10	25.0	ug/L	10/17/25 16:00	VN101725
95-50-1	1,2-Dichlorobenzene	91.1		5	3.40	25.0	ug/L	10/17/25 16:00	VN101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	32.9			91 - 110	110%	SPK: 30		
2037-26-5	Toluene-d8	31.4			91 - 112	105%	SPK: 30		
460-00-4	4-Bromofluorobenzene	29.8			63 - 112	99%	SPK: 30		
INTERNAL STANDARDS		**Area Count**							
74-97-5	Bromochloromethane	62400							
540-36-3	1,4-Difluorobenzene	360000							
3114-55-4	Chlorobenzene-d5	317000							

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Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-PP

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID

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