284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	07/28/25
Project:	NJ AIR PT	Date Received:	07/30/25
Client Sample ID:	AE073-1100DL2	SDG No.:	Q2727
Lab Sample ID:	Q2727-01DL2	Matrix:	Air
Analytical Method:	TO-15	Test:	VOCMS Group3
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042793.D	4		07/31/25 13:15	VL073125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-45-6	Chlorodifluoromethane	0.48	1.70	UD	1.70	7.07	ug/m3
75-71-8	Dichlorodifluoromethane	0.44	2.18	UD	2.18	9.89	ug/m3
64-17-5	Ethanol	1.30	2.45	UD	2.45	3.77	ug/m3
74-87-3	Chloromethane	0.39	0.81	UD	0.81	4.13	ug/m3
75-01-4	Vinyl Chloride	0.10	0.26	UD	0.26	0.31	ug/m3
141-78-6	Ethyl Acetate	0.48	1.90	UD	1.90	7.93	ug/m3
74-83-9	Bromomethane	0.31	1.20	UD	1.20	7.77	ug/m3
75-00-3	Chloroethane	30.7	81.0	D	1.58	5.28	ug/m3
109-99-9	Tetrahydrofuran	0.32	0.94	UD	0.94	5.90	ug/m3
75-69-4	Trichlorofluoromethane	0.68	3.82	UD	3.82	11.2	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.56	4.29	UD	4.29	15.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.60	4.19	UD	4.19	14.0	ug/m3
593-60-2	Bromoethene	0.80	3.50	UD	3.50	8.74	ug/m3
115-07-1	Propene	0.31	0.53	UD	0.53	3.44	ug/m3
75-65-0	tert-Butyl alcohol	0.64	1.94	UD	1.94	6.06	ug/m3
142-82-5	Heptane	22.5	92.2	D	2.79	8.20	ug/m3
67-63-0	Isopropyl Alcohol	0.92	2.26	UD	2.26	4.92	ug/m3
75-35-4	1,1-Dichloroethene	40.2	159	D	2.38	7.93	ug/m3
67-64-1	Acetone	0.72	1.71	UD	1.71	4.75	ug/m3
75-15-0	Carbon Disulfide	0.32	1.00	UD	1.00	6.23	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.92	3.32	UD	3.32	7.21	ug/m3
75-09-2	Methylene Chloride	0.92	3.20	UD	3.20	6.95	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.48	1.90	UD	1.90	7.93	ug/m3
108-05-4	Vinyl Acetate	1.00	3.60	UD	3.60	7.20	ug/m3
75-34-3	1,1-Dichloroethane	0.52	2.10	UD	2.10	8.09	ug/m3
110-82-7	Cyclohexane	0.88	3.03	UD	3.03	6.88	ug/m3
78-93-3	2-Butanone	0.22	0.65	UD	0.65	5.90	ug/m3
56-23-5	Carbon Tetrachloride	0.10	0.63	UD	0.63	0.75	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.40	1.59	UD	1.59	7.93	ug/m3
67-66-3	Chloroform	0.38	1.86	UD	1.86	9.77	ug/m3
71-55-6	1,1,1-Trichloroethane	0.060	0.33	UD	0.33	0.65	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.56	2.62	UD	2.62	9.34	ug/m3
71-43-2	Benzene	56.0	179	D	1.02	6.39	ug/m3
107-06-2	1,2-Dichloroethane	0.37	1.50	UD	1.50	8.09	ug/m3
79-01-6	Trichloroethene	0.10	0.54	UD	0.54	0.64	ug/m3

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Analytical Method:	TO-15	Test:	VOCMS Group3
Sample Wt/Vol:	400 Units: mL		

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CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
78-87-5	1,2-Dichloropropane	0.52	2.40	UD	2.40	9.24	ug/m3
75-27-4	Bromodichloromethane	30.5	204	D	1.67	13.4	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.39	1.60	UD	1.60	8.20	ug/m3
108-88-3	Toluene	0.64	2.41	UD	2.41	7.54	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.60	2.72	UD	2.72	9.08	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.44	2.00	UD	2.00	9.08	ug/m3
79-00-5	1,1,2-Trichloroethane	0.32	1.75	UD	1.75	10.9	ug/m3
591-78-6	2-Hexanone	0.44	1.80	UD	1.80	8.18	ug/m3
124-48-1	Dibromochloromethane	0.34	2.90	UD	2.90	17.0	ug/m3
106-93-4	1,2-Dibromoethane	0.34	2.61	UD	2.61	3.07	ug/m3
127-18-4	Tetrachloroethene	0.060	0.41	UD	0.41	0.81	ug/m3
108-90-7	Chlorobenzene	44.1	203	D	1.43	9.21	ug/m3
100-41-4	Ethyl Benzene	0.76	3.30	UD	3.30	8.69	ug/m3
179601-23-1	m/p-Xylene	37.7	164	D	6.95	17.4	ug/m3
1330-20-7	Total Xylenes	95.7	416	D	10.6	26.1	ug/m3
95-47-6	o-Xylene	58.0	252	D	3.65	8.69	ug/m3
100-42-5	Styrene	0.64	2.72	UD	2.72	8.52	ug/m3
75-25-2	Bromoform	0.19	1.96	UD	1.96	20.7	ug/m3
98-82-8	Isopropylbenzene	0.64	3.15	UD	3.15	9.83	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.070	0.48	UD	0.48	0.82	ug/m3
95-49-8	2-Chlorotoluene	0.68	3.52	UD	3.52	10.4	ug/m3
108-67-8	1,3,5-Trimethylbenzene	38.5	189	D	3.54	9.83	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.72	3.54	UD	3.54	9.83	ug/m3
541-73-1	1,3-Dichlorobenzene	0.22	1.32	UD	1.32	12.0	ug/m3
106-46-7	1,4-Dichlorobenzene	0.52	3.13	UD	3.13	12.0	ug/m3
95-50-1	1,2-Dichlorobenzene	31.2	188	D	3.13	12.0	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.84	6.24	UD	6.24	14.8	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.52	5.55	UD	5.55	21.3	ug/m3
106-99-0	1,3-Butadiene	0.20	0.44	UD	0.44	4.42	ug/m3
91-20-3	Naphthalene	0.050	0.26	UD	0.26	2.10	ug/m3
622-96-8	4-Ethyltoluene	0.84	4.13	UD	4.13	9.83	ug/m3
110-54-3	Hexane	0.64	2.26	UD	2.26	7.05	ug/m3
107-05-1	Allyl Chloride	0.44	1.38	UD	1.38	6.26	ug/m3
123-91-1	1,4-Dioxane	0.88	3.17	UD	3.17	7.21	ug/m3
100-44-7	Benzyl Chloride	0.36	1.86	UDQ	1.86	10.4	ug/m3
80-62-6	Methyl Methacrylate	0.56	2.29	UD	2.29	8.19	ug/m3

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Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042793.D	4		07/31/25 13:15	VL073125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.5			65 - 135	105%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	135000			2.797		
540-36-3	1,4-Difluorobenzene	368000			3.972		
3114-55-4	Chlorobenzene-d5	321000			8.895		

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements