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:	07/07/25
Project:	NJ Drinking Water PT	Date Received:	07/09/25
Client Sample ID:	WS0725-PT-UNRVOA-WS	SDG No.:	Q2552
Lab Sample ID:	Q2552-08	Matrix:	Water
Analytical Method:	E524.2	% Solid:	0
Sample Wt/Vol:	25 Units: mL	Final Vol:	25000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VU063538.D	1	07/18/25 15:54	VU071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.12	U	0.12	0.50	ug/L
74-87-3	Chloromethane	0.13	U	0.13	0.50	ug/L
75-01-4	Vinyl Chloride	0.12	U	0.12	0.50	ug/L
74-83-9	Bromomethane	4.60		0.15	0.50	ug/L
75-00-3	Chloroethane	0.14	U	0.14	0.50	ug/L
109-99-9	Tetrahydrofuran	0.42	U	0.42	1.00	ug/L
75-69-4	Trichlorofluoromethane	40.5	E	0.20	0.50	ug/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.50	ug/L
75-65-0	tert-Butyl Alcohol	3.60	U	3.60	10.0	ug/L
60-29-7	Diethyl Ether	0.13	U	0.13	0.50	ug/L
75-35-4	1,1-Dichloroethene	0.13	U	0.13	0.50	ug/L
107-13-1	Acrylonitrile	0.44	U	0.44	1.00	ug/L
67-64-1	Acetone	0.97	UQ	0.97	2.50	ug/L
75-15-0	Carbon Disulfide	0.12	U	0.12	0.50	ug/L
1634-04-4	Methyl tert-Butyl Ether	39.0	E	0.11	0.50	ug/L
96-33-3	Methyl acrylate	0.33	U	0.33	0.50	ug/L
75-09-2	Methylene Chloride	0.44	U	0.44	0.50	ug/L
156-60-5	trans-1,2-Dichloroethene	0.14	U	0.14	0.50	ug/L
75-34-3	1,1-Dichloroethane	6.50		0.13	0.50	ug/L
110-82-7	Cyclohexane	0.14	U	0.14	0.50	ug/L
78-93-3	2-Butanone	0.72	UQ	0.72	2.50	ug/L
56-23-5	Carbon Tetrachloride	0.13	U	0.13	0.50	ug/L
594-20-7	2,2-Dichloropropane	10.9		0.12	0.50	ug/L
156-59-2	cis-1,2-Dichloroethene	0.13	U	0.13	0.50	ug/L
74-97-5	Bromochloromethane	14.8		0.17	0.50	ug/L
67-66-3	Chloroform	0.17	U	0.17	0.50	ug/L
71-55-6	1,1,1-Trichloroethane	0.12	U	0.12	0.50	ug/L
108-87-2	Methylcyclohexane	0.090	U	0.090	0.50	ug/L
563-58-6	1,1-Dichloropropene	16.0	E	0.11	0.50	ug/L
107-12-0	Propionitrile	1.20	U	1.20	2.50	ug/L

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Lab Sample ID:	Q2552-08	Matrix:	Water
Analytical Method:	E524.2	% Solid:	0
Sample Wt/Vol:	25 Units: mL	Final Vol:	25000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VU063538.D	1	07/18/25 15:54	VU071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.11	U	0.11	0.50	ug/L
107-06-2	1,2-Dichloroethane	0.14	U	0.14	0.50	ug/L
79-01-6	Trichloroethene	0.13	U	0.13	0.50	ug/L
78-87-5	1,2-Dichloropropane	0.13	U	0.13	0.50	ug/L
109-69-3	1-Chlorobutane	0.12	U	0.12	0.50	ug/L
74-95-3	Dibromomethane	13.1		0.15	0.50	ug/L
75-27-4	Bromodichloromethane	0.13	U	0.13	0.50	ug/L
108-10-1	4-Methyl-2-Pentanone	0.63	U	0.63	2.50	ug/L
108-88-3	Toluene	0.11	U	0.11	0.50	ug/L
10061-02-6	t-1,3-Dichloropropene	10.4		0.11	0.50	ug/L
10061-01-5	cis-1,3-Dichloropropene	13.4		0.11	0.50	ug/L
79-00-5	1,1,2-Trichloroethane	0.13	U	0.13	0.50	ug/L
142-28-9	1,3-Dichloropropane	3.10		0.12	0.50	ug/L
591-78-6	2-Hexanone	0.65	UQ	0.65	2.50	ug/L
124-48-1	Dibromochloromethane	0.20	U	0.20	0.50	ug/L
106-93-4	1,2-Dibromoethane	0.13	U	0.13	0.50	ug/L
127-18-4	Tetrachloroethene	0.14	U	0.14	0.50	ug/L
108-90-7	Chlorobenzene	0.11	U	0.11	0.50	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	13.2		0.13	0.50	ug/L
67-72-1	Hexachloroethane	0.12	U	0.12	0.50	ug/L
100-41-4	Ethyl Benzene	0.41	U	0.41	0.50	ug/L
179601-23-1	m/p-Xylenes	0.73	U	0.73	1.00	ug/L
1330-20-7	Total Xylenes	1.09	U	1.09	1.50	ug/L
95-47-6	o-Xylene	0.36	U	0.36	0.50	ug/L
100-42-5	Styrene	0.38	U	0.38	0.50	ug/L
75-25-2	Bromoform	0.31	U	0.31	0.50	ug/L
98-82-8	Isopropylbenzene	6.80		0.38	0.50	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	11.9		0.13	0.50	ug/L
96-18-4	1,2,3-Trichloropropane	8.10		0.19	0.50	ug/L
108-86-1	Bromobenzene	3.70		0.13	0.50	ug/L
103-65-1	n-propylbenzene	15.8	E	0.42	0.50	ug/L

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Client Sample ID:	WS0725-PT-UNRVOA-WS	SDG No.:	Q2552
Lab Sample ID:	Q2552-08	Matrix:	Water
Analytical Method:	E524.2	% Solid:	0
Sample Wt/Vol:	25 Units: mL	Final Vol:	25000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VU063538.D	1	07/18/25 15:54	VU071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-49-8	2-Chlorotoluene	2.50		0.27	0.50	ug/L
108-67-8	1,3,5-Trimethylbenzene	4.10		0.37	0.50	ug/L
106-43-4	4-Chlorotoluene	5.20		0.27	0.50	ug/L
98-06-6	tert-Butylbenzene	3.80		0.37	0.50	ug/L
95-63-6	1,2,4-Trimethylbenzene	3.50		0.40	0.50	ug/L
135-98-8	sec-Butylbenzene	11.1		0.36	0.50	ug/L
99-87-6	p-Isopropyltoluene	15.3	E	0.42	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	5.30		0.13	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.13	U	0.13	0.50	ug/L
104-51-8	n-Butylbenzene	10.0		0.43	0.50	ug/L
95-50-1	1,2-Dichlorobenzene	0.14	U	0.14	0.50	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.24	U	0.24	0.50	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.21	U	0.21	0.50	ug/L
87-68-3	Hexachlorobutadiene	29.6	E	0.14	0.50	ug/L
91-20-3	Naphthalene	8.10		0.33	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.2	E	0.31	0.50	ug/L
74-88-4	Iodomethane	2.00		0.090	1.00	ug/L
107-05-1	Allyl Chloride	0.13	U	0.13	0.50	ug/L
126-98-7	Methacrylonitrile	0.24	U	0.24	0.50	ug/L
80-62-6	Methyl methacrylate	0.24	U	0.24	1.00	ug/L
SURROGATES						
2199-69-1	1,2-Dichlorobenzene-d4	0.92		70 - 130	92%	SPK: 1
460-00-4	4-Bromofluorobenzene	0.82		70 - 130	82%	SPK: 1
INTERNAL STANDARDS						
462-06-6	Fluorobenzene	23900	6.1			

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Lab Sample ID:	Q2552-08	Matrix:	Water
Analytical Method:	E524.2	% Solid:	0
Sample Wt/Vol:	25 Units: mL	Final Vol:	25000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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