

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	
Project:	NJ Drinking Water PT		Date Received:	
Client Sample ID:	VU0717WBS01		SDG No.:	Q2552
Lab Sample ID:	VU0717WBS01		Matrix:	Water
Analytical Method:	E524.2		% Solid:	0
Sample Wt/Vol:	25	Units: mL	Final Vol:	25000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VU063521.D	1	07/17/25 12:43	VU071725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.90		0.12	0.50	ug/L
74-87-3	Chloromethane	2.20		0.13	0.50	ug/L
75-01-4	Vinyl Chloride	2.00		0.12	0.50	ug/L
74-83-9	Bromomethane	2.30		0.15	0.50	ug/L
75-00-3	Chloroethane	2.00		0.14	0.50	ug/L
109-99-9	Tetrahydrofuran	4.70		0.42	1.00	ug/L
75-69-4	Trichlorofluoromethane	2.10		0.20	0.50	ug/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.00		0.11	0.50	ug/L
75-65-0	tert-Butyl Alcohol	20.3		3.60	10.0	ug/L
60-29-7	Diethyl Ether	2.10		0.13	0.50	ug/L
75-35-4	1,1-Dichloroethene	2.10		0.13	0.50	ug/L
107-13-1	Acrylonitrile	4.00		0.44	1.00	ug/L
67-64-1	Acetone	12.8		0.97	2.50	ug/L
75-15-0	Carbon Disulfide	1.80		0.12	0.50	ug/L
1634-04-4	Methyl tert-Butyl Ether	2.10		0.11	0.50	ug/L
96-33-3	Methyl acrylate	1.90		0.33	0.50	ug/L
75-09-2	Methylene Chloride	2.30		0.44	0.50	ug/L
156-60-5	trans-1,2-Dichloroethene	2.00		0.14	0.50	ug/L
75-34-3	1,1-Dichloroethane	2.10		0.13	0.50	ug/L
110-82-7	Cyclohexane	2.10		0.14	0.50	ug/L
78-93-3	2-Butanone	11.2		0.72	2.50	ug/L
56-23-5	Carbon Tetrachloride	1.90		0.13	0.50	ug/L
594-20-7	2,2-Dichloropropane	2.00		0.12	0.50	ug/L
156-59-2	cis-1,2-Dichloroethene	2.10		0.13	0.50	ug/L
74-97-5	Bromochloromethane	2.10		0.17	0.50	ug/L
67-66-3	Chloroform	2.10		0.17	0.50	ug/L
71-55-6	1,1,1-Trichloroethane	2.00		0.12	0.50	ug/L
108-87-2	Methylcyclohexane	1.80		0.090	0.50	ug/L
563-58-6	1,1-Dichloropropene	2.10		0.11	0.50	ug/L
107-12-0	Propionitrile	10.4		1.20	2.50	ug/L

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71-43-2	Benzene	2.20		0.11	0.50	ug/L
107-06-2	1,2-Dichloroethane	2.20		0.14	0.50	ug/L
79-01-6	Trichloroethene	1.80		0.13	0.50	ug/L
78-87-5	1,2-Dichloropropane	1.90		0.13	0.50	ug/L
109-69-3	1-Chlorobutane	2.10		0.12	0.50	ug/L
74-95-3	Dibromomethane	1.80		0.15	0.50	ug/L
75-27-4	Bromodichloromethane	1.80		0.13	0.50	ug/L
108-10-1	4-Methyl-2-Pentanone	9.70		0.63	2.50	ug/L
108-88-3	Toluene	1.90		0.11	0.50	ug/L
10061-02-6	t-1,3-Dichloropropene	1.60		0.11	0.50	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.70		0.11	0.50	ug/L
79-00-5	1,1,2-Trichloroethane	2.00		0.13	0.50	ug/L
142-28-9	1,3-Dichloropropane	2.00		0.12	0.50	ug/L
591-78-6	2-Hexanone	10.2		0.65	2.50	ug/L
124-48-1	Dibromochloromethane	1.80		0.20	0.50	ug/L
106-93-4	1,2-Dibromoethane	1.90		0.13	0.50	ug/L
127-18-4	Tetrachloroethene	1.90		0.14	0.50	ug/L
108-90-7	Chlorobenzene	1.90		0.11	0.50	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	1.70		0.13	0.50	ug/L
67-72-1	Hexachloroethane	1.60		0.12	0.50	ug/L
100-41-4	Ethyl Benzene	1.90		0.41	0.50	ug/L
179601-23-1	m/p-Xylenes	3.80		0.73	1.00	ug/L
1330-20-7	Total Xylenes	5.80		1.09	1.50	ug/L
95-47-6	o-Xylene	2.00		0.36	0.50	ug/L
100-42-5	Styrene	1.90		0.38	0.50	ug/L
75-25-2	Bromoform	1.60		0.31	0.50	ug/L
98-82-8	Isopropylbenzene	2.00		0.38	0.50	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.90		0.13	0.50	ug/L
96-18-4	1,2,3-Trichloropropane	1.90		0.19	0.50	ug/L
108-86-1	Bromobenzene	1.90		0.13	0.50	ug/L
103-65-1	n-propylbenzene	2.00		0.42	0.50	ug/L

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95-49-8	2-Chlorotoluene	2.00		0.27	0.50	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.90		0.37	0.50	ug/L
106-43-4	4-Chlorotoluene	2.00		0.27	0.50	ug/L
98-06-6	tert-Butylbenzene	1.90		0.37	0.50	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.90		0.40	0.50	ug/L
135-98-8	sec-Butylbenzene	2.00		0.36	0.50	ug/L
99-87-6	p-Isopropyltoluene	2.00		0.42	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	1.90		0.13	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	1.90		0.13	0.50	ug/L
104-51-8	n-Butylbenzene	2.00		0.43	0.50	ug/L
95-50-1	1,2-Dichlorobenzene	1.90		0.14	0.50	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.70		0.24	0.50	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.90		0.21	0.50	ug/L
87-68-3	Hexachlorobutadiene	1.90		0.14	0.50	ug/L
91-20-3	Naphthalene	1.80		0.33	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.80		0.31	0.50	ug/L
98-95-3	Nitrobenzene	11.7		1.80	5.00	ug/L
363-72-4	Pentachloroethane	1.70		0.16	0.50	ug/L
74-88-4	Iodomethane	1.80		0.090	1.00	ug/L
107-05-1	Allyl Chloride	2.00		0.13	0.50	ug/L
126-98-7	Methacrylonitrile	1.90		0.24	0.50	ug/L
110-57-6	t-1,4-Dichloro-2-butene	3.40		0.21	1.00	ug/L
97-63-2	Ethyl methacrylate	1.90		0.12	0.50	ug/L
108-20-3	Isopropyl Ether	2.10		0.14	0.50	ug/L
80-62-6	Methyl methacrylate	3.50		0.24	1.00	ug/L
SURROGATES						
2199-69-1	1,2-Dichlorobenzene-d4	0.94		70 - 130	94%	SPK: 1
460-00-4	4-Bromofluorobenzene	1.00		70 - 130	100%	SPK: 1
INTERNAL STANDARDS						
462-06-6	Fluorobenzene	21900	6.097			

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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