

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/13/25
Project:	NJ Drinking Water PT	Date Received:	01/15/25
Client Sample ID:	PT-RVOA-WSDL	SDG No.:	Q1172
Lab Sample ID:	Q1172-07DL	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:	Prep Date	Date Analyzed	Prep Batch ID
VU063238.D	5		02/11/25 16:11	VU021125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.70	UD	0.70	2.50	ug/L
74-87-3	Chloromethane	0.65	UD	0.65	2.50	ug/L
75-01-4	Vinyl Chloride	14.1	D	0.65	2.50	ug/L
74-83-9	Bromomethane	0.90	UD	0.90	2.50	ug/L
75-00-3	Chloroethane	0.70	UD	0.70	2.50	ug/L
109-99-9	Tetrahydrofuran	2.20	UD	2.20	5.00	ug/L
75-69-4	Trichlorofluoromethane	1.10	UD	1.10	2.50	ug/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.70	UD	0.70	2.50	ug/L
75-65-0	tert-Butyl Alcohol	43.2	UDQ	43.2	50.0	ug/L
60-29-7	Diethyl Ether	0.65	UD	0.65	2.50	ug/L
75-35-4	1,1-Dichloroethene	10.8	D	0.60	2.50	ug/L
107-13-1	Acrylonitrile	2.20	UD	2.20	5.00	ug/L
67-64-1	Acetone	5.50	UD	5.50	12.5	ug/L
75-15-0	Carbon Disulfide	0.65	UD	0.65	2.50	ug/L
1634-04-4	Methyl tert-Butyl Ether	0.60	UD	0.60	2.50	ug/L
96-33-3	Methyl acrylate	1.40	UD	1.40	2.50	ug/L
75-09-2	Methylene Chloride	15.0	D	2.40	2.50	ug/L
156-60-5	trans-1,2-Dichloroethene	5.90	D	0.70	2.50	ug/L
75-34-3	1,1-Dichloroethane	0.65	UD	0.65	2.50	ug/L
110-82-7	Cyclohexane	0.70	UD	0.70	2.50	ug/L
78-93-3	2-Butanone	3.40	UD	3.40	12.5	ug/L
56-23-5	Carbon Tetrachloride	14.6	D	0.70	2.50	ug/L
594-20-7	2,2-Dichloropropane	0.70	UD	0.70	2.50	ug/L
156-59-2	cis-1,2-Dichloroethene	16.7	D	0.65	2.50	ug/L
74-97-5	Bromochloromethane	0.80	UD	0.80	2.50	ug/L
67-66-3	Chloroform	0.65	UD	0.65	2.50	ug/L
71-55-6	1,1,1-Trichloroethane	7.60	D	0.60	2.50	ug/L
108-87-2	Methylcyclohexane	0.60	UD	0.60	2.50	ug/L
563-58-6	1,1-Dichloropropene	0.55	UD	0.55	2.50	ug/L
107-12-0	Propionitrile	5.20	UD	5.20	12.5	ug/L

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71-43-2	Benzene	2.70	D	0.55	2.50	ug/L
107-06-2	1,2-Dichloroethane	2.40	JD	0.80	2.50	ug/L
79-01-6	Trichloroethene	15.9	D	0.65	2.50	ug/L
78-87-5	1,2-Dichloropropane	2.70	D	0.65	2.50	ug/L
109-69-3	1-Chlorobutane	0.60	UD	0.60	2.50	ug/L
74-95-3	Dibromomethane	0.70	UD	0.70	2.50	ug/L
75-27-4	Bromodichloromethane	0.60	UD	0.60	2.50	ug/L
108-10-1	4-Methyl-2-Pentanone	3.00	UD	3.00	12.5	ug/L
108-88-3	Toluene	11.9	D	0.55	2.50	ug/L
10061-02-6	t-1,3-Dichloropropene	0.55	UD	0.55	2.50	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.55	UD	0.55	2.50	ug/L
79-00-5	1,1,2-Trichloroethane	7.40	D	0.65	2.50	ug/L
142-28-9	1,3-Dichloropropane	0.65	UD	0.65	2.50	ug/L
591-78-6	2-Hexanone	2.90	UD	2.90	12.5	ug/L
124-48-1	Dibromochloromethane	0.65	UD	0.65	2.50	ug/L
106-93-4	1,2-Dibromoethane	0.65	UD	0.65	2.50	ug/L
127-18-4	Tetrachloroethene	14.1	D	0.70	2.50	ug/L
108-90-7	Chlorobenzene	6.90	D	0.55	2.50	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.65	UD	0.65	2.50	ug/L
67-72-1	Hexachloroethane	0.60	UD	0.60	2.50	ug/L
100-41-4	Ethyl Benzene	4.40	D	0.60	2.50	ug/L
179601-23-1	m/p-Xylenes	2.20	JD	1.20	5.00	ug/L
1330-20-7	Total Xylenes	4.40	JD	1.80	7.50	ug/L
95-47-6	o-Xylene	2.20	JD	0.60	2.50	ug/L
100-42-5	Styrene	5.80	D	0.65	2.50	ug/L
75-25-2	Bromoform	0.70	UD	0.70	2.50	ug/L
98-82-8	Isopropylbenzene	0.65	UD	0.65	2.50	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.60	UD	0.60	2.50	ug/L
96-18-4	1,2,3-Trichloropropane	1.10	UD	1.10	2.50	ug/L
108-86-1	Bromobenzene	0.65	UD	0.65	2.50	ug/L
103-65-1	n-propylbenzene	0.80	UD	0.80	2.50	ug/L

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95-49-8	2-Chlorotoluene	0.70	UD	0.70	2.50	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.65	UD	0.65	2.50	ug/L
106-43-4	4-Chlorotoluene	0.70	UD	0.70	2.50	ug/L
98-06-6	tert-Butylbenzene	0.55	UD	0.55	2.50	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.65	UD	0.65	2.50	ug/L
135-98-8	sec-Butylbenzene	0.65	UD	0.65	2.50	ug/L
99-87-6	p-Isopropyltoluene	0.80	UD	0.80	2.50	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	UD	0.65	2.50	ug/L
106-46-7	1,4-Dichlorobenzene	13.4	D	0.70	2.50	ug/L
104-51-8	n-Butylbenzene	1.40	UD	1.40	2.50	ug/L
95-50-1	1,2-Dichlorobenzene	13.7	D	0.70	2.50	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.20	UD	1.20	2.50	ug/L
120-82-1	1,2,4-Trichlorobenzene	13.0	D	1.10	2.50	ug/L
87-68-3	Hexachlorobutadiene	0.70	UD	0.70	2.50	ug/L
91-20-3	Naphthalene	1.60	UD	1.60	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.30	UD	1.30	2.50	ug/L
98-95-3	Nitrobenzene	6.80	UD	6.80	25.0	ug/L
363-72-4	Pentachloroethane	0.75	UD	0.75	2.50	ug/L
74-88-4	Iodomethane	0.80	UD	0.80	5.00	ug/L
107-05-1	Allyl Chloride	0.55	UD	0.55	2.50	ug/L
126-98-7	Methacrylonitrile	0.95	UD	0.95	2.50	ug/L
110-57-6	t-1,4-Dichloro-2-butene	2.80	UD	2.80	5.00	ug/L
97-63-2	Ethyl methacrylate	0.65	UD	0.65	2.50	ug/L
108-20-3	Isopropyl Ether	0.60	UD	0.60	2.50	ug/L
80-62-6	Methyl methacrylate	1.20	UD	1.20	5.00	ug/L
SURROGATES						
2199-69-1	1,2-Dichlorobenzene-d4	1.00		70 - 130	100%	SPK: 1
460-00-4	4-Bromofluorobenzene	1.00		70 - 130	100%	SPK: 1
INTERNAL STANDARDS						
462-06-6	Fluorobenzene	49000	6.1			

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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