

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/03/24
Project:	NJ Waste Water PT	Date Received:	09/05/24
Client Sample ID:	PT-VOA-WPDL	SDG No.:	P3845
Lab Sample ID:	P3845-01DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN083797.D	2		09/11/24 15:33	VN091124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.42	UD	0.42	2.00	ug/L
74-87-3	Chloromethane	0.70	UD	0.70	2.00	ug/L
75-01-4	Vinyl Chloride	32.9	D	0.68	2.00	ug/L
141-78-6	Ethyl Acetate	0.76	UD	0.76	2.00	ug/L
108-21-4	Isopropyl Acetate	0.58	UDQ	0.58	2.00	ug/L
74-83-9	Bromomethane	44.7	D	2.70	10.0	ug/L
75-00-3	Chloroethane	1.10	UD	1.10	2.00	ug/L
109-99-9	Tetrahydrofuran	2.30	UD	2.30	10.0	ug/L
75-69-4	Trichlorofluoromethane	0.68	UD	0.68	2.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	UD	0.50	2.00	ug/L
75-65-0	Tert butyl alcohol	11.1	UD	11.1	50.0	ug/L
60-29-7	Diethyl Ether	0.40	UD	0.40	2.00	ug/L
75-35-4	1,1-Dichloroethene	0.52	UD	0.52	2.00	ug/L
107-02-8	Acrolein	13.4	UD	13.4	50.0	ug/L
107-13-1	Acrylonitrile	1.80	UD	1.80	10.0	ug/L
67-64-1	Acetone	41.1	D	2.80	10.0	ug/L
75-15-0	Carbon Disulfide	0.64	UD	0.64	2.00	ug/L
1634-04-4	Methyl tert-butyl Ether	69.5	D	0.32	2.00	ug/L
79-20-9	Methyl Acetate	1.20	UD	1.20	2.00	ug/L
75-09-2	Methylene Chloride	0.64	UD	0.64	2.00	ug/L
156-60-5	trans-1,2-Dichloroethene	96.2	D	0.50	2.00	ug/L
108-05-4	Vinyl Acetate	1.40	UD	1.40	10.0	ug/L
75-34-3	1,1-Dichloroethane	0.46	UD	0.46	2.00	ug/L
110-82-7	Cyclohexane	3.20	UD	3.20	10.0	ug/L
78-93-3	2-Butanone	86.6	D	2.60	10.0	ug/L
56-23-5	Carbon Tetrachloride	0.50	UD	0.50	2.00	ug/L
594-20-7	2,2-Dichloropropane	0.62	UD	0.62	2.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6	D	0.50	2.00	ug/L
74-97-5	Bromochloromethane	0.36	UD	0.36	2.00	ug/L
67-66-3	Chloroform	20.8	D	0.52	2.00	ug/L

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71-55-6	1,1,1-Trichloroethane	0.38	UD	0.38	2.00	ug/L
108-87-2	Methylcyclohexane	0.38	UD	0.38	2.00	ug/L
563-58-6	1,1-Dichloropropene	0.36	UD	0.36	2.00	ug/L
71-43-2	Benzene	37.3	D	0.32	2.00	ug/L
107-06-2	1,2-Dichloroethane	130	D	0.48	2.00	ug/L
79-01-6	Trichloroethene	53.3	D	0.64	2.00	ug/L
78-87-5	1,2-Dichloropropane	20.2	D	0.38	2.00	ug/L
74-95-3	Dibromomethane	15.2	D	0.46	2.00	ug/L
75-27-4	Bromodichloromethane	86.7	D	0.48	2.00	ug/L
108-10-1	4-Methyl-2-Pentanone	1.50	UD	1.50	10.0	ug/L
108-88-3	Toluene	90.7	D	0.36	2.00	ug/L
10061-02-6	t-1,3-Dichloropropene	98.5	D	0.42	2.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	98.2	D	0.36	2.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.42	UD	0.42	2.00	ug/L
142-28-9	1,3-Dichloropropane	0.34	UD	0.34	2.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	3.50	UD	3.50	10.0	ug/L
591-78-6	2-Hexanone	2.30	UD	2.30	10.0	ug/L
124-48-1	Dibromochloromethane	27.7	D	0.36	2.00	ug/L
106-93-4	1,2-Dibromoethane	37.8	D	0.32	2.00	ug/L
127-18-4	Tetrachloroethene	0.50	UD	0.50	2.00	ug/L
108-90-7	Chlorobenzene	41.2	D	0.26	2.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.42	UD	0.42	2.00	ug/L
100-41-4	Ethyl Benzene	78.7	D	0.32	2.00	ug/L
179601-23-1	m/p-Xylenes	23.9	D	0.62	4.00	ug/L
1330-20-7	Total Xylenes	123	D	0.90	6.00	ug/L
95-47-6	o-Xylene	98.8	D	0.28	2.00	ug/L
100-42-5	Styrene	93.1	D	0.32	2.00	ug/L
75-25-2	Bromoform	66.8	D	0.42	2.00	ug/L
98-82-8	Isopropylbenzene	0.26	UD	0.26	2.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.54	UD	0.54	2.00	ug/L
96-18-4	1,2,3-Trichloropropane	87.7	D	0.78	2.00	ug/L

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108-86-1	Bromobenzene	0.52	UD	0.52	2.00	ug/L
103-65-1	n-propylbenzene	0.28	UD	0.28	2.00	ug/L
95-49-8	2-Chlorotoluene	0.32	UD	0.32	2.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	25.7	D	0.36	2.00	ug/L
106-43-4	4-Chlorotoluene	0.36	UD	0.36	2.00	ug/L
98-06-6	tert-Butylbenzene	0.34	UD	0.34	2.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	12.5	D	0.36	2.00	ug/L
135-98-8	sec-Butylbenzene	0.34	UD	0.34	2.00	ug/L
99-87-6	p-Isopropyltoluene	0.30	UD	0.30	2.00	ug/L
541-73-1	1,3-Dichlorobenzene	80.7	D	0.48	2.00	ug/L
106-46-7	1,4-Dichlorobenzene	34.2	D	0.54	2.00	ug/L
104-51-8	n-Butylbenzene	0.44	UD	0.44	2.00	ug/L
95-50-1	1,2-Dichlorobenzene	11.6	D	0.38	2.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	110	D	0.92	2.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.84	UD	0.84	2.00	ug/L
87-68-3	Hexachlorobutadiene	0.62	UD	0.62	2.00	ug/L
91-20-3	Naphthalene	59.4	D	1.20	2.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	UD	1.00	2.00	ug/L
628-63-7	N-amyl acetate	0.46	UD	0.46	2.00	ug/L
74-88-4	Methyl Iodide	2.40	UD	2.40	10.0	ug/L
107-05-1	Allyl chloride	0.48	UD	0.48	2.00	ug/L
126-98-7	Methacrylonitrile	0.62	UD	0.62	2.00	ug/L
97-63-2	Ethyl methacrylate	0.32	UD	0.32	2.00	ug/L
108-20-3	Diisopropyl ether	0.32	UD	0.32	2.00	ug/L
123-91-1	1,4-Dioxane	13.1	UD	13.1	200	ug/L
80-62-6	Methyl methacrylate	0.64	UD	0.64	2.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	51.0		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1		77 - 121	98%	SPK: 50

INTERNAL STANDARDS

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363-72-4	Pentafluorobenzene	148000	8.224			
540-36-3	1,4-Difluorobenzene	263000	9.1			
3114-55-4	Chlorobenzene-d5	235000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	115000	13.794			
67-72-1	Hexachloroethane					

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