

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	NJ Waste Water PT		Date Received:	
Client Sample ID:	VN0911WBS01		SDG No.:	P3845
Lab Sample ID:	VN0911WBS01		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
VN083799.D	1		09/11/24 16:45	VN091124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.3		0.21	1.00	ug/L
74-87-3	Chloromethane	18.5		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.4		0.34	1.00	ug/L
141-78-6	Ethyl Acetate	21.2		0.38	1.00	ug/L
108-21-4	Isopropyl Acetate	23.8		0.29	1.00	ug/L
74-83-9	Bromomethane	19.4		1.40	5.00	ug/L
75-00-3	Chloroethane	18.9		0.56	1.00	ug/L
109-99-9	Tetrahydrofuran	100		1.20	5.00	ug/L
75-69-4	Trichlorofluoromethane	19.0		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.4		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	100		5.60	25.0	ug/L
60-29-7	Diethyl Ether	19.1		0.20	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.26	1.00	ug/L
107-02-8	Acrolein	89.8		6.70	25.0	ug/L
107-13-1	Acrylonitrile	100		0.90	5.00	ug/L
67-64-1	Acetone	90.0		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	17.3		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.4		0.60	1.00	ug/L
75-09-2	Methylene Chloride	19.1		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.25	1.00	ug/L
108-05-4	Vinyl Acetate	100		0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.4		1.60	5.00	ug/L
78-93-3	2-Butanone	97.8		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.9		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	18.6		0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.1		0.25	1.00	ug/L
74-97-5	Bromochloromethane	20.8		0.18	1.00	ug/L
67-66-3	Chloroform	18.9		0.26	1.00	ug/L

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71-55-6	1,1,1-Trichloroethane	18.8		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	18.7		0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	17.7		0.18	1.00	ug/L
71-43-2	Benzene	18.8		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.5		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.5		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.8		0.19	1.00	ug/L
74-95-3	Dibromomethane	19.3		0.23	1.00	ug/L
75-27-4	Bromodichloromethane	19.3		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	19.1		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.4		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.9		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.8		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	20.1		0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	110		1.80	5.00	ug/L
591-78-6	2-Hexanone	100		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.8		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	17.4		0.25	1.00	ug/L
108-90-7	Chlorobenzene	18.1		0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.0		0.21	1.00	ug/L
100-41-4	Ethyl Benzene	18.6		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	36.2		0.31	2.00	ug/L
1330-20-7	Total Xylenes	54.5		0.45	3.00	ug/L
95-47-6	o-Xylene	18.3		0.14	1.00	ug/L
100-42-5	Styrene	19.1		0.16	1.00	ug/L
75-25-2	Bromoform	20.2		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	17.9		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.7		0.39	1.00	ug/L

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108-86-1	Bromobenzene	17.3		0.26	1.00	ug/L
103-65-1	n-propylbenzene	17.5		0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	18.1		0.16	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	18.3		0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	17.4		0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	18.3		0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	18.4		0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	18.0		0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	17.6		0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	16.7		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	16.8		0.27	1.00	ug/L
104-51-8	n-Butylbenzene	16.3		0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.9		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.2		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	16.3		0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	17.3		0.31	1.00	ug/L
91-20-3	Naphthalene	17.5		0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.1		0.51	1.00	ug/L
628-63-7	N-amyl acetate	19.7		0.23	1.00	ug/L
74-88-4	Methyl Iodide	18.8		1.20	5.00	ug/L
107-05-1	Allyl chloride	19.1		0.24	1.00	ug/L
126-98-7	Methacrylonitrile	19.5		0.31	1.00	ug/L
97-63-2	Ethyl methacrylate	20.6		0.16	1.00	ug/L
108-20-3	Diisopropyl ether	19.5		0.16	1.00	ug/L
123-91-1	1,4-Dioxane	420		6.50	100	ug/L
80-62-6	Methyl methacrylate	20.9		0.32	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.6		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	51.5		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.0		77 - 121	94%	SPK: 50

INTERNAL STANDARDS

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363-72-4	Pentafluorobenzene	149000	8.224			
540-36-3	1,4-Difluorobenzene	261000	9.1			
3114-55-4	Chlorobenzene-d5	227000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	112000	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