

Report of Analysis

Client:	R3M Engineering, Inc.		Date Collected:	
Project:	MC054.36 23-8-1 LM - Landing Lane New Brunswick		Date Received:	
Client Sample ID:	VX1204WBSD01		SDG No.:	P5093
Lab Sample ID:	VX1204WBSD01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044113.D	1		12/04/24 13:47	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.1		0.21	1.00	ug/L
74-87-3	Chloromethane	18.2		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.4		0.34	1.00	ug/L
74-83-9	Bromomethane	20.8		1.40	5.00	ug/L
75-00-3	Chloroethane	22.3		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	21.5		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.0		0.26	1.00	ug/L
67-64-1	Acetone	98.3		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	15.9		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.5		0.60	1.00	ug/L
75-09-2	Methylene Chloride	19.4		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.5		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.9		1.60	5.00	ug/L
78-93-3	2-Butanone	110		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.0		0.25	1.00	ug/L
74-97-5	Bromochloromethane	20.1		0.18	1.00	ug/L
67-66-3	Chloroform	21.2		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.5		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	20.5		0.19	1.00	ug/L
71-43-2	Benzene	20.1		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.4		0.24	1.00	ug/L
79-01-6	Trichloroethene	17.3		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.4		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	20.4		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	21.2		0.18	1.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	20.5		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.4		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.9		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	20.3		0.25	1.00	ug/L
108-90-7	Chlorobenzene	20.4		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	21.2		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	42.0		0.31	2.00	ug/L
95-47-6	o-Xylene	21.2		0.14	1.00	ug/L
100-42-5	Styrene	20.8		0.16	1.00	ug/L
75-25-2	Bromoform	17.9		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	21.2		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.4		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.9		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.2		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.6		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.1		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.3		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.3		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	51.9		70 (86) - 130 (113)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.7		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	115000	5.544			
540-36-3	1,4-Difluorobenzene	207000	6.757			
3114-55-4	Chlorobenzene-d5	179000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	82600	12.018			

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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