

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/12/25	
Project:	REAC Commodore		Date Received:	02/13/25	
Client Sample ID:	MW-33D-021225MSD		SDG No.:	Q1363	
Lab Sample ID:	Q1363-06MSD		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
VX044973.D	1		02/14/25 19:43	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	60.7		0.21	1.00	ug/L
74-87-3	Chloromethane	52.3		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	50.8		0.34	1.00	ug/L
74-83-9	Bromomethane	75.4		1.40	5.00	ug/L
75-00-3	Chloroethane	99.8		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	56.7		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	57.4		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	53.2		0.26	1.00	ug/L
67-64-1	Acetone	320		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	50.8		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	56.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	59.9		0.60	1.00	ug/L
75-09-2	Methylene Chloride	55.1		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	55.0		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	55.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	52.5		1.60	5.00	ug/L
78-93-3	2-Butanone	320		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	55.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	58.3		0.25	1.00	ug/L
74-97-5	Bromochloromethane	59.1		0.18	1.00	ug/L
67-66-3	Chloroform	57.4		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	57.3		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	53.2		0.19	1.00	ug/L
71-43-2	Benzene	54.8		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	59.3		0.24	1.00	ug/L
79-01-6	Trichloroethene	62.2		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	56.3		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	58.7		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	320		0.75	5.00	ug/L
108-88-3	Toluene	56.0		0.18	1.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	56.5		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	55.8		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	58.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	330		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	59.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	57.8		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	54.8		0.25	1.00	ug/L
108-90-7	Chlorobenzene	54.0		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	54.2		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.31	2.00	ug/L
95-47-6	o-Xylene	52.3		0.14	1.00	ug/L
100-42-5	Styrene	56.6		0.16	1.00	ug/L
75-25-2	Bromoform	57.2		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	50.1		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	51.4		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	51.4		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	51.7		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	52.4		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	56.5		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	54.6		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	54.8		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.8		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	55.6		75 - 124	111%	SPK: 50
2037-26-5	Toluene-d8	54.5		86 - 113	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.6		77 - 121	117%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	87400	5.544			
540-36-3	1,4-Difluorobenzene	163000	6.757			
3114-55-4	Chlorobenzene-d5	149000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	71500	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