

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	09/17/25	
Project:	REAC Commodore		Date Received:	09/25/25	
Client Sample ID:	MW-33D-091725MS		SDG No.:	Q3195	
Lab Sample ID:	Q3195-20MS		Matrix:	Water	
Analytical Method:	8260D		% 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:	Date Analyzed	Prep Batch ID
VV039237.D	1	09/29/25 17:15	VV092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	49.4		0.22	1.00	ug/L
74-87-3	Chloromethane	43.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	45.0		0.26	1.00	ug/L
74-83-9	Bromomethane	44.9		1.40	5.00	ug/L
75-00-3	Chloroethane	49.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	47.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	49.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	48.7		0.23	1.00	ug/L
67-64-1	Acetone	200		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	42.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	49.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	52.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	54.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	48.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	46.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	40.7		1.50	5.00	ug/L
78-93-3	2-Butanone	240		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	52.3		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	50.1		0.19	1.00	ug/L
74-97-5	Bromochloromethane	47.9		0.22	1.00	ug/L
67-66-3	Chloroform	46.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	46.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	49.1		0.16	1.00	ug/L
71-43-2	Benzene	53.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	51.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	63.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	55.8		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	53.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	300		0.68	5.00	ug/L
108-88-3	Toluene	58.6		0.14	1.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	57.0		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	51.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	55.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	280		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	57.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	58.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	55.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	53.6		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	58.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	120		0.24	2.00	ug/L
95-47-6	o-Xylene	62.1		0.12	1.00	ug/L
100-42-5	Styrene	55.9		0.15	1.00	ug/L
75-25-2	Bromoform	60.7		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	52.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	46.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	51.3		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	49.3		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	50.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	53.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	52.8		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	53.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.7		74 - 125	83%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.1		77 - 121	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	494000	4.6			
540-36-3	1,4-Difluorobenzene	723000	5.532			
3114-55-4	Chlorobenzene-d5	718000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	464000	11.172			

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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