

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-04-021325DL		SDG No.:	Q1405	
Lab Sample ID:	Q1405-02DL		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085834.D	250		02/24/25 14:00	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	52.5	UD	52.5	250	ug/L
74-87-3	Chloromethane	87.5	UD	87.5	250	ug/L
75-01-4	Vinyl Chloride	85.0	UD	85.0	250	ug/L
74-83-9	Bromomethane	340	UD	340	1300	ug/L
75-00-3	Chloroethane	140	UD	140	250	ug/L
75-69-4	Trichlorofluoromethane	85.0	UD	85.0	250	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	62.5	UD	62.5	250	ug/L
75-35-4	1,1-Dichloroethene	65.0	UD	65.0	250	ug/L
67-64-1	Acetone	350	UD	350	1300	ug/L
75-15-0	Carbon Disulfide	80.0	UD	80.0	250	ug/L
1634-04-4	Methyl tert-butyl Ether	40.0	UD	40.0	250	ug/L
79-20-9	Methyl Acetate	150	UD	150	250	ug/L
75-09-2	Methylene Chloride	80.0	UD	80.0	250	ug/L
156-60-5	trans-1,2-Dichloroethene	62.5	UD	62.5	250	ug/L
75-34-3	1,1-Dichloroethane	57.5	UD	57.5	250	ug/L
110-82-7	Cyclohexane	410	UD	410	1300	ug/L
78-93-3	2-Butanone	330	UD	330	1300	ug/L
56-23-5	Carbon Tetrachloride	62.5	UD	62.5	250	ug/L
156-59-2	cis-1,2-Dichloroethene	1600	D	62.5	250	ug/L
74-97-5	Bromochloromethane	45.0	UDQ	45.0	250	ug/L
67-66-3	Chloroform	65.0	UD	65.0	250	ug/L
71-55-6	1,1,1-Trichloroethane	47.5	UD	47.5	250	ug/L
108-87-2	Methylcyclohexane	47.5	UD	47.5	250	ug/L
71-43-2	Benzene	40.0	UD	40.0	250	ug/L
107-06-2	1,2-Dichloroethane	60.0	UD	60.0	250	ug/L
79-01-6	Trichloroethene	8200	D	80.0	250	ug/L
78-87-5	1,2-Dichloropropane	47.5	UD	47.5	250	ug/L
75-27-4	Bromodichloromethane	60.0	UD	60.0	250	ug/L
108-10-1	4-Methyl-2-Pentanone	190	UDQ	190	1300	ug/L
108-88-3	Toluene	45.0	UD	45.0	250	ug/L

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10061-02-6	t-1,3-Dichloropropene	52.5	UD	52.5	250	ug/L
10061-01-5	cis-1,3-Dichloropropene	45.0	UD	45.0	250	ug/L
79-00-5	1,1,2-Trichloroethane	52.5	UD	52.5	250	ug/L
591-78-6	2-Hexanone	280	UDQ	280	1300	ug/L
124-48-1	Dibromochloromethane	45.0	UD	45.0	250	ug/L
106-93-4	1,2-Dibromoethane	40.0	UD	40.0	250	ug/L
127-18-4	Tetrachloroethene	62.5	UD	62.5	250	ug/L
108-90-7	Chlorobenzene	32.5	UD	32.5	250	ug/L
100-41-4	Ethyl Benzene	40.0	UD	40.0	250	ug/L
179601-23-1	m/p-Xylenes	77.5	UD	77.5	500	ug/L
95-47-6	o-Xylene	35.0	UD	35.0	250	ug/L
100-42-5	Styrene	40.0	UD	40.0	250	ug/L
75-25-2	Bromoform	52.5	UDQ	52.5	250	ug/L
98-82-8	Isopropylbenzene	32.5	UD	32.5	250	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	67.5	UD	67.5	250	ug/L
541-73-1	1,3-Dichlorobenzene	60.0	UD	60.0	250	ug/L
106-46-7	1,4-Dichlorobenzene	67.5	UD	67.5	250	ug/L
95-50-1	1,2-Dichlorobenzene	47.5	UD	47.5	250	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	120	UD	120	250	ug/L
120-82-1	1,2,4-Trichlorobenzene	110	UD	110	250	ug/L
87-61-6	1,2,3-Trichlorobenzene	130	UD	130	250	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.1		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	52.1		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	47.5		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.3		77 - 121	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	227000	8.224			
540-36-3	1,4-Difluorobenzene	420000	9.1			
3114-55-4	Chlorobenzene-d5	359000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	127000	13.788			

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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