

LAB CHRONICLE

OrderID:	Q1405	OrderDate:	2/21/2025 11:42:00 AM
Client:	TechLaw Consultants, Inc	Project:	REAC Commodore
Contact:	Jonathan Dziekan	Location:	VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1405-01	MW-01-021325	Water	VOC-TCLVOA-10	8260-Low	02/13/25		02/21/25	02/21/25
Q1405-02	MW-04-021325	Water	VOC-TCLVOA-10	8260-Low	02/13/25		02/21/25	02/21/25
Q1405-02DL	MW-04-021325DL	Water	VOC-TCLVOA-10	8260-Low	02/13/25		02/24/25	02/21/25
Q1405-03	MW-20D-021325	Water	VOC-TCLVOA-10	8260-Low	02/13/25		02/24/25	02/21/25
Q1405-04	MW-20D-FD-021325	Water	VOC-TCLVOA-10	8260-Low	02/13/25		02/24/25	02/21/25
Q1405-05	MW-22-021925	Water	VOC-TCLVOA-10	8260-Low	02/19/25		02/24/25	02/21/25
Q1405-06	MW-23-021425	Water	VOC-TCLVOA-10	8260-Low	02/14/25		02/22/25	02/21/25
Q1405-07	MW-26-021825	Water	VOC-TCLVOA-10	8260-Low	02/18/25		02/24/25	02/21/25
Q1405-08	MOS-11R-021325	Water	VOC-TCLVOA-10	8260-Low	02/13/25		02/24/25	02/21/25
Q1405-09	MOS-13-021925	Water	VOC-TCLVOA-10	8260-Low	02/19/25		02/24/25	02/21/25
Q1405-10	MW-30S-021825	Water	VOC-TCLVOA-10	8260-Low	02/18/25		02/24/25	02/21/25
Q1405-11	TB-02-021325	Water			02/13/25			02/21/25

LAB CHRONICLE

VOC-TCLVOA-10	8260-Low	02/24/25
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Hit Summary Sheet SW-846

SDG No.: Q1405
Client: TechLaw Consultants, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: MW-01-021325								
Q1405-01	MW-01-021325	Water	Chloromethane	0.38	J	0.35	1.00	ug/L
Q1405-01	MW-01-021325	Water	Acetone	2.50	J	1.40	5.00	ug/L
Q1405-01	MW-01-021325	Water	Methyl Acetate	0.75	J	0.60	1.00	ug/L
Q1405-01	MW-01-021325	Water	cis-1,2-Dichloroethene	11.7		0.25	1.00	ug/L
Q1405-01	MW-01-021325	Water	Trichloroethene	5.70		0.32	1.00	ug/L
Total Voc :				21.0				
Total Concentration:				21.0				
Client ID: MW-04-021325								
Q1405-02	MW-04-021325	Water	Vinyl Chloride	1.20		0.34	1.00	ug/L
Q1405-02	MW-04-021325	Water	1,1-Dichloroethene	60.2		0.26	1.00	ug/L
Q1405-02	MW-04-021325	Water	trans-1,2-Dichloroethene	13.3		0.25	1.00	ug/L
Q1405-02	MW-04-021325	Water	1,1-Dichloroethane	7.70		0.23	1.00	ug/L
Q1405-02	MW-04-021325	Water	cis-1,2-Dichloroethene	1700	E	0.25	1.00	ug/L
Q1405-02	MW-04-021325	Water	Chloroform	0.94	J	0.26	1.00	ug/L
Q1405-02	MW-04-021325	Water	1,1,1-Trichloroethane	13.6		0.19	1.00	ug/L
Q1405-02	MW-04-021325	Water	Benzene	0.78	J	0.16	1.00	ug/L
Q1405-02	MW-04-021325	Water	Trichloroethene	6200	E	0.32	1.00	ug/L
Q1405-02	MW-04-021325	Water	Tetrachloroethene	4.10		0.25	1.00	ug/L
Total Voc :				8000				
Q1405-02	MW-04-021325	Water	2-Chlorotoluene	* 7.50	J	0.16	1.00	ug/L
Q1405-02	MW-04-021325	Water	1,4-Dioxane	* 24.7	J	6.50	100	ug/L
Total Tics :				32.2				
Total Concentration:				8030				
Client ID: MW-04-021325DL								
Q1405-02DL	MW-04-021325DL	Water	cis-1,2-Dichloroethene	1600	D	62.5	250	ug/L
Q1405-02DL	MW-04-021325DL	Water	Trichloroethene	8200	D	80.0	250	ug/L
Total Voc :				9800				
Total Concentration:				9800				
Client ID: MW-20D-021325								
Q1405-03	MW-20D-021325	Water	cis-1,2-Dichloroethene	1.60		0.25	1.00	ug/L
Q1405-03	MW-20D-021325	Water	Trichloroethene	3.30		0.32	1.00	ug/L
Q1405-03	MW-20D-021325	Water	Tetrachloroethene	0.97	J	0.25	1.00	ug/L
Total Voc :				5.87				
Total Concentration:				5.87				
Client ID: MW-20D-FD-021325								
Q1405-04	MW-20D-FD-021325	Water	1,1,2-Trichlorotrifluoroethane	1.00		0.25	1.00	ug/L
Q1405-04	MW-20D-FD-021325	Water	cis-1,2-Dichloroethene	1.60		0.25	1.00	ug/L

Hit Summary Sheet SW-846

SDG No.: Q1405

Client: TechLaw Consultants, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1405-04	MW-20D-FD-0213	Water	Trichloroethene	3.20		0.32	1.00	ug/L
Q1405-04	MW-20D-FD-0213	Water	Tetrachloroethene	0.91	J	0.25	1.00	ug/L
			Total Voc :	6.71				
			Total Concentration:	6.71				
Client ID:	MW-22-021925							
Q1405-05	MW-22-021925	Water	Carbon Tetrachloride	2.00		0.25	1.00	ug/L
Q1405-05	MW-22-021925	Water	Chloroform	1.30		0.26	1.00	ug/L
			Total Voc :	3.30				
			Total Concentration:	3.30				
Client ID:	MW-23-021425							
Q1405-06	MW-23-021425	Water	1,1,2-Trichlorotrifluoroethane	3.90		0.25	1.00	ug/L
Q1405-06	MW-23-021425	Water	1,1-Dichloroethene	0.35	J	0.26	1.00	ug/L
Q1405-06	MW-23-021425	Water	Trichloroethene	4.20		0.32	1.00	ug/L
			Total Voc :	8.45				
			Total Concentration:	8.45				
Client ID:	MW-26-021825							
Q1405-07	MW-26-021825	Water	Chloroform	1.20		0.26	1.00	ug/L
			Total Voc :	1.20				
			Total Concentration:	1.20				
Client ID:	MOS-11R-021325							
Q1405-08	MOS-11R-021325	Water	1,1,2-Trichlorotrifluoroethane	2.00		0.25	1.00	ug/L
Q1405-08	MOS-11R-021325	Water	1,1-Dichloroethene	1.10		0.26	1.00	ug/L
Q1405-08	MOS-11R-021325	Water	cis-1,2-Dichloroethene	5.60		0.25	1.00	ug/L
Q1405-08	MOS-11R-021325	Water	Trichloroethene	6.40		0.32	1.00	ug/L
Q1405-08	MOS-11R-021325	Water	Tetrachloroethene	6.30		0.25	1.00	ug/L
			Total Voc :	21.4				
			Total Concentration:	21.4				
Client ID:	MOS-13-021925							
Q1405-09	MOS-13-021925	Water	Trichlorofluoromethane	2.80		0.34	1.00	ug/L
Q1405-09	MOS-13-021925	Water	cis-1,2-Dichloroethene	0.78	J	0.25	1.00	ug/L
Q1405-09	MOS-13-021925	Water	Trichloroethene	1.40		0.32	1.00	ug/L
Q1405-09	MOS-13-021925	Water	Tetrachloroethene	2.30		0.25	1.00	ug/L
			Total Voc :	7.28				
			Total Concentration:	7.28				
Client ID:	MW-30S-021825							
Q1405-10	MW-30S-021825	Water	1,1-Dichloroethene	1.10		0.26	1.00	ug/L
Q1405-10	MW-30S-021825	Water	cis-1,2-Dichloroethene	4.00		0.25	1.00	ug/L
Q1405-10	MW-30S-021825	Water	Trichloroethene	13.1		0.32	1.00	ug/L
			Total Voc :	18.2				
			Total Concentration:	18.2				

Hit Summary Sheet
SW-846

SDG No.: Q1405

Client: TechLaw Consultants, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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SAMPLE DATA

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-01-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-01		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
VN085821.D	1		02/21/25 22:37	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.38	J	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	2.50	J	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.75	J	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	11.7		0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	5.70		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-01-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-01		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
VN085821.D	1		02/21/25 22:37	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	UQ	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	UQ	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	UQ	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.5		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5		75 - 124	107%	SPK: 50
2037-26-5	Toluene-d8	49.9		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.4		77 - 121	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	248000	8.224			
540-36-3	1,4-Difluorobenzene	471000	9.1			
3114-55-4	Chlorobenzene-d5	410000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	160000	13.788			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-01-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-01		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
VN085821.D	1		02/21/25 22:37	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-04-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-02		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
VN085822.D	1		02/21/25 23:01	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	1.20		0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	60.2		0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	13.3		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	7.70		0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1700	E	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.94	J	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	13.6		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.78	J	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	6200	E	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc			Date Collected:	02/13/25
Project:	REAC Commodore			Date Received:	02/21/25
Client Sample ID:	MW-04-021325			SDG No.:	Q1405
Lab Sample ID:	Q1405-02			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
VN085822.D	1		02/21/25 23:01	VN022125

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Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-04-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-02		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
VN085822.D	1		02/21/25 23:01	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
123-91-1	1,4-Dioxane	24.7	J		9.70	ug/L
95-49-8	2-Chlorotoluene	7.50	J		13.1	ug/L

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

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

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
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			

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
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-20D-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-03		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
VN085835.D	1		02/24/25 14:24	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.60		0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	UQ	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	3.30		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-20D-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-03		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
VN085835.D	1		02/24/25 14:24	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.97	J	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	UQ	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.7		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	48.0		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.6		77 - 121	87%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	226000	8.224			
540-36-3	1,4-Difluorobenzene	429000	9.1			
3114-55-4	Chlorobenzene-d5	376000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	145000	13.788			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-20D-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-03		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
VN085835.D	1		02/24/25 14:24	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-20D-FD-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-04		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
VN085836.D	1		02/24/25 14:49	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.60		0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	UQ	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	3.20		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-20D-FD-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-04		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
VN085836.D	1		02/24/25 14:49	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.91	J	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	UQ	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.6		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		75 - 124	106%	SPK: 50
2037-26-5	Toluene-d8	48.2		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.7		77 - 121	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	226000	8.224			
540-36-3	1,4-Difluorobenzene	441000	9.1			
3114-55-4	Chlorobenzene-d5	380000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	144000	13.794			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-20D-FD-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-04		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
VN085836.D	1		02/24/25 14:49	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/19/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-22-021925		SDG No.:	Q1405	
Lab Sample ID:	Q1405-05		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
VN085837.D	1		02/24/25 15:13	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	2.00		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	UQ	0.18	1.00	ug/L
67-66-3	Chloroform	1.30		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/19/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-22-021925		SDG No.:	Q1405	
Lab Sample ID:	Q1405-05		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
VN085837.D	1		02/24/25 15:13	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	UQ	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.8		74 - 125	120%	SPK: 50
1868-53-7	Dibromofluoromethane	54.4		75 - 124	109%	SPK: 50
2037-26-5	Toluene-d8	49.1		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.0		77 - 121	82%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	211000	8.224			
540-36-3	1,4-Difluorobenzene	405000	9.1			
3114-55-4	Chlorobenzene-d5	348000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	124000	13.794			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/19/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-22-021925		SDG No.:	Q1405	
Lab Sample ID:	Q1405-05		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
VN085837.D	1		02/24/25 15:13	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/14/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-23-021425		SDG No.:	Q1405	
Lab Sample ID:	Q1405-06		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
VN085826.D	1		02/22/25 00:36	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	3.90		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.35	J	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	4.20		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/14/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-23-021425		SDG No.:	Q1405	
Lab Sample ID:	Q1405-06		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
VN085826.D	1		02/22/25 00:36	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	UQ	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	UQ	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	UQ	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.9		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3		75 - 124	107%	SPK: 50
2037-26-5	Toluene-d8	49.8		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	257000	8.218			
540-36-3	1,4-Difluorobenzene	483000	9.1			
3114-55-4	Chlorobenzene-d5	427000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	167000	13.788			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/14/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-23-021425		SDG No.:	Q1405	
Lab Sample ID:	Q1405-06		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
VN085826.D	1		02/22/25 00:36	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/18/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-26-021825		SDG No.:	Q1405	
Lab Sample ID:	Q1405-07		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
VN085840.D	1		02/24/25 16:26	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	UQ	0.18	1.00	ug/L
67-66-3	Chloroform	1.20		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/18/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-26-021825		SDG No.:	Q1405	
Lab Sample ID:	Q1405-07		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
VN085840.D	1		02/24/25 16:26	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	UQ	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.2		74 - 125	124%	SPK: 50
1868-53-7	Dibromofluoromethane	56.8		75 - 124	114%	SPK: 50
2037-26-5	Toluene-d8	50.0		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.4		77 - 121	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	210000	8.224			
540-36-3	1,4-Difluorobenzene	401000	9.1			
3114-55-4	Chlorobenzene-d5	357000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	143000	13.788			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/18/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-26-021825		SDG No.:	Q1405	
Lab Sample ID:	Q1405-07		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
VN085840.D	1		02/24/25 16:26	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MOS-11R-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-08		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
VN085841.D	1		02/24/25 16:50	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.00		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.10		0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.60		0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	UQ	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	6.40		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MOS-11R-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-08		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
VN085841.D	1		02/24/25 16:50	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	6.30		0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	UQ	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.7		74 - 125	121%	SPK: 50
1868-53-7	Dibromofluoromethane	55.0		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	49.7		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.1		77 - 121	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	214000	8.224			
540-36-3	1,4-Difluorobenzene	408000	9.1			
3114-55-4	Chlorobenzene-d5	365000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	143000	13.788			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MOS-11R-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-08		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
VN085841.D	1		02/24/25 16:50	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/19/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MOS-13-021925		SDG No.:	Q1405	
Lab Sample ID:	Q1405-09		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
VN085842.D	1		02/24/25 17:14	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	2.80		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.78	J	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	UQ	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	1.40		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/19/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MOS-13-021925		SDG No.:	Q1405	
Lab Sample ID:	Q1405-09		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
VN085842.D	1		02/24/25 17:14	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	2.30		0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	UQ	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.5		74 - 125	123%	SPK: 50
1868-53-7	Dibromofluoromethane	55.7		75 - 124	111%	SPK: 50
2037-26-5	Toluene-d8	49.9		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.6		77 - 121	83%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	206000	8.224			
540-36-3	1,4-Difluorobenzene	391000	9.1			
3114-55-4	Chlorobenzene-d5	337000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	124000	13.788			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/19/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MOS-13-021925		SDG No.:	Q1405	
Lab Sample ID:	Q1405-09		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
VN085842.D	1		02/24/25 17:14	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/18/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-30S-021825		SDG No.:	Q1405	
Lab Sample ID:	Q1405-10		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
VN085843.D	1		02/24/25 17:38	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.10		0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	4.00		0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	UQ	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	13.1		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/18/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-30S-021825		SDG No.:	Q1405	
Lab Sample ID:	Q1405-10		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
VN085843.D	1		02/24/25 17:38	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	UQ	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.0		74 - 125	122%	SPK: 50
1868-53-7	Dibromofluoromethane	55.2		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	49.4		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.5		77 - 121	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	209000	8.224			
540-36-3	1,4-Difluorobenzene	401000	9.1			
3114-55-4	Chlorobenzene-d5	350000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	132000	13.794			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/18/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	MW-30S-021825		SDG No.:	Q1405	
Lab Sample ID:	Q1405-10		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
VN085843.D	1		02/24/25 17:38	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	TB-02-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-11		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
VN085838.D	1		02/24/25 15:37	VN022425

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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	TB-02-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-11		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
VN085838.D	1		02/24/25 15:37	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	UQ	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.3		74 - 125	123%	SPK: 50
1868-53-7	Dibromofluoromethane	54.9		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	50.1		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		77 - 121	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	212000	8.224			
540-36-3	1,4-Difluorobenzene	411000	9.1			
3114-55-4	Chlorobenzene-d5	362000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	137000	13.794			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	02/13/25	
Project:	REAC Commodore		Date Received:	02/21/25	
Client Sample ID:	TB-02-021325		SDG No.:	Q1405	
Lab Sample ID:	Q1405-11		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
VN085838.D	1		02/24/25 15:37	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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



QC SUMMARY

Surrogate Summary

SDG No.: **Q1405**

Client: **TechLaw Consultants, Inc**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1405-01	MW-01-021325	1,2-Dichloroethane-d4	50	58.5	117	74	125
		Dibromofluoromethane	50	53.5	107	75	124
		Toluene-d8	50	49.9	100	86	113
		4-Bromofluorobenzene	50	44.4	89	77	121
Q1405-02	MW-04-021325	1,2-Dichloroethane-d4	50	52.0	104	74	125
		Dibromofluoromethane	50	52.4	105	75	124
		Toluene-d8	50	50.0	100	86	113
		4-Bromofluorobenzene	50	45.8	92	77	121
Q1405-02DL	MW-04-021325DL	1,2-Dichloroethane-d4	50	55.1	110	74	125
		Dibromofluoromethane	50	52.1	104	75	124
		Toluene-d8	50	47.5	95	86	113
		4-Bromofluorobenzene	50	40.3	81	77	121
Q1405-03	MW-20D-021325	1,2-Dichloroethane-d4	50	56.7	113	74	125
		Dibromofluoromethane	50	52.8	105	75	124
		Toluene-d8	50	48.0	96	86	113
		4-Bromofluorobenzene	50	43.6	87	77	121
Q1405-04	MW-20D-FD-021325	1,2-Dichloroethane-d4	50	59.6	119	74	125
		Dibromofluoromethane	50	52.9	106	75	124
		Toluene-d8	50	48.2	96	86	113
		4-Bromofluorobenzene	50	42.7	85	77	121
Q1405-05	MW-22-021925	1,2-Dichloroethane-d4	50	59.8	120	74	125
		Dibromofluoromethane	50	54.5	109	75	124
		Toluene-d8	50	49.1	98	86	113
		4-Bromofluorobenzene	50	41.0	82	77	121
Q1405-06	MW-23-021425	1,2-Dichloroethane-d4	50	57.9	116	74	125
		Dibromofluoromethane	50	53.3	107	75	124
		Toluene-d8	50	49.8	100	86	113
		4-Bromofluorobenzene	50	45.2	90	77	121
Q1405-07	MW-26-021825	1,2-Dichloroethane-d4	50	62.2	124	74	125
		Dibromofluoromethane	50	56.8	114	75	124
		Toluene-d8	50	50.0	100	86	113
		4-Bromofluorobenzene	50	44.4	89	77	121
Q1405-08	MOS-11R-021325	1,2-Dichloroethane-d4	50	60.7	121	74	125
		Dibromofluoromethane	50	55.0	110	75	124
		Toluene-d8	50	49.7	99	86	113
		4-Bromofluorobenzene	50	44.1	88	77	121
Q1405-09	MOS-13-021925	1,2-Dichloroethane-d4	50	61.5	123	74	125
		Dibromofluoromethane	50	55.7	111	75	124
		Toluene-d8	50	49.9	100	86	113
		4-Bromofluorobenzene	50	41.5	83	77	121
Q1405-10	MW-30S-021825	1,2-Dichloroethane-d4	50	61.0	122	74	125
		Dibromofluoromethane	50	55.2	110	75	124
		Toluene-d8	50	49.4	99	86	113
		4-Bromofluorobenzene	50	42.5	85	77	121
Q1405-11	TB-02-021325	1,2-Dichloroethane-d4	50	61.3	123	74	125
		Dibromofluoromethane	50	54.9	110	75	124
		Toluene-d8	50	50.1	100	86	113
		4-Bromofluorobenzene	50	44.6	89	77	121
VN0221WBL01	VN0221WBL01	1,2-Dichloroethane-d4	50	60.2	120	74	125
		Dibromofluoromethane	50	57.2	114	75	124

Surrogate Summary

SDG No.: Q1405

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
VN0221WBL01	VN0221WBL01	Toluene-d8	50	50.6	101	86	113
		4-Bromofluorobenzene	50	44.3	89	77	121
VN0221WBS01	VN0221WBS01	1,2-Dichloroethane-d4	50	52.4	105	74	125
		Dibromofluoromethane	50	54.6	109	75	124
		Toluene-d8	50	55.9	112	86	113
		4-Bromofluorobenzene	50	55.6	111	77	121
VN0221WBSD0	VN0221WBSD01	1,2-Dichloroethane-d4	50	53.2	106	74	125
		Dibromofluoromethane	50	54.9	110	75	124
		Toluene-d8	50	54.8	110	86	113
		4-Bromofluorobenzene	50	56.0	112	77	121
VN0224WBL01	VN0224WBL01	1,2-Dichloroethane-d4	50	60.2	120	74	125
		Dibromofluoromethane	50	54.9	110	75	124
		Toluene-d8	50	49.7	99	86	113
		4-Bromofluorobenzene	50	44.3	89	77	121
VN0224WBS01	VN0224WBS01	1,2-Dichloroethane-d4	50	48.5	97	74	125
		Dibromofluoromethane	50	48.1	96	75	124
		Toluene-d8	50	49.4	99	86	113
		4-Bromofluorobenzene	50	51.1	102	77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1405

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Datafile : VN085805.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0221WBS01	Dichlorodifluoromethane	20	18.4	ug/L	92			69	116	
	Chloromethane	20	17.9	ug/L	90			65	116	
	Vinyl chloride	20	18.3	ug/L	92			65	117	
	Bromomethane	20	17.9	ug/L	90			58	125	
	Chloroethane	20	17.5	ug/L	88			56	128	
	Trichlorofluoromethane	20	17.9	ug/L	90			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.5	ug/L	98			80	112	
	1,1-Dichloroethene	20	18.0	ug/L	90			74	110	
	Acetone	100	96.0	ug/L	96			60	125	
	Carbon disulfide	20	16.7	ug/L	84			64	112	
	Methyl tert-butyl Ether	20	18.2	ug/L	91			78	114	
	Methyl Acetate	20	18.7	ug/L	94			67	125	
	Methylene Chloride	20	18.3	ug/L	92			72	114	
	trans-1,2-Dichloroethene	20	17.7	ug/L	89			75	108	
	1,1-Dichloroethane	20	18.4	ug/L	92			78	112	
	Cyclohexane	20	17.6	ug/L	88			75	110	
	2-Butanone	100	97.1	ug/L	97			65	122	
	Carbon Tetrachloride	20	18.9	ug/L	95			77	113	
	cis-1,2-Dichloroethene	20	18.0	ug/L	90			77	110	
	Bromochloromethane	20	21.3	ug/L	106			70	124	
	Chloroform	20	18.6	ug/L	93			79	113	
	1,1,1-Trichloroethane	20	18.4	ug/L	92			80	108	
	Methylcyclohexane	20	17.5	ug/L	88			72	115	
	Benzene	20	18.9	ug/L	95			82	109	
	1,2-Dichloroethane	20	19.4	ug/L	97			80	115	
	Trichloroethene	20	18.2	ug/L	91			77	113	
	1,2-Dichloropropane	20	19.1	ug/L	96			83	111	
	Bromodichloromethane	20	18.9	ug/L	95			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	20.0	ug/L	100			82	110	
	t-1,3-Dichloropropene	20	19.4	ug/L	97			79	110	
	cis-1,3-Dichloropropene	20	19.1	ug/L	96			82	110	
	1,1,2-Trichloroethane	20	19.4	ug/L	97			83	112	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	19.6	ug/L	98			82	110	
	1,2-Dibromoethane	20	19.5	ug/L	98			81	110	
	Tetrachloroethene	20	19.7	ug/L	99			67	123	
	Chlorobenzene	20	19.1	ug/L	96			82	109	
	Ethyl Benzene	20	19.2	ug/L	96			83	109	
	m/p-Xylenes	40	40.6	ug/L	102			82	110	
	o-Xylene	20	19.5	ug/L	98			83	109	
	Styrene	20	19.3	ug/L	97			80	111	
	Bromoform	20	20.4	ug/L	102			79	109	
	Isopropylbenzene	20	18.3	ug/L	92			83	112	
	1,1,2,2-Tetrachloroethane	20	18.5	ug/L	93			76	118	
	1,3-Dichlorobenzene	20	18.5	ug/L	93			82	108	
	1,4-Dichlorobenzene	20	18.1	ug/L	91			82	107	
	1,2-Dichlorobenzene	20	18.6	ug/L	93			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1405

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Datafile : VN085805.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0221WBS01	1,2-Dibromo-3-Chloropropane	20	18.0	ug/L	90			68	112	
	1,2,4-Trichlorobenzene	20	16.1	ug/L	81			75	113	
	1,2,3-Trichlorobenzene	20	16.0	ug/L	80			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1405

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Datafile : VN085806.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0221WBSD01	Dichlorodifluoromethane	20	19.8	ug/L	99	7		69	116	20
	Chloromethane	20	19.8	ug/L	99	10		65	116	20
	Vinyl chloride	20	19.4	ug/L	97	5		65	117	20
	Bromomethane	20	19.6	ug/L	98	9		58	125	20
	Chloroethane	20	18.6	ug/L	93	6		56	128	20
	Trichlorofluoromethane	20	19.6	ug/L	98	9		73	115	20
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/L	100	2		80	112	20
	1,1-Dichloroethene	20	19.2	ug/L	96	6		74	110	20
	Acetone	100	110	ug/L	110	14		60	125	20
	Carbon disulfide	20	18.5	ug/L	93	10		64	112	20
	Methyl tert-butyl Ether	20	21.5	ug/L	108	17		78	114	20
	Methyl Acetate	20	22.2	ug/L	111	17		67	125	20
	Methylene Chloride	20	20.2	ug/L	101	9		72	114	20
	trans-1,2-Dichloroethene	20	19.5	ug/L	98	10		75	108	20
	1,1-Dichloroethane	20	20.3	ug/L	102	10		78	112	20
	Cyclohexane	20	17.8	ug/L	89	1		75	110	20
	2-Butanone	100	110	ug/L	110	13		65	122	20
	Carbon Tetrachloride	20	20.6	ug/L	103	8		77	113	20
	cis-1,2-Dichloroethene	20	20.1	ug/L	101	12		77	110	20
	Bromochloromethane	20	21.5	ug/L	108	2		70	124	20
	Chloroform	20	20.7	ug/L	104	11		79	113	20
	1,1,1-Trichloroethane	20	20.4	ug/L	102	10		80	108	20
	Methylcyclohexane	20	18.7	ug/L	94	7		72	115	20
	Benzene	20	21.1	ug/L	106	11		82	109	20
	1,2-Dichloroethane	20	21.8	ug/L	109	12		80	115	20
	Trichloroethene	20	20.1	ug/L	101	10		77	113	20
	1,2-Dichloropropane	20	21.5	ug/L	108	12		83	111	20
	Bromodichloromethane	20	21.6	ug/L	108	13		83	110	20
	4-Methyl-2-Pentanone	100	120	ug/L	120	18	*	74	118	20
	Toluene	20	21.8	ug/L	109	9		82	110	20
	t-1,3-Dichloropropene	20	21.9	ug/L	110	13		79	110	20
	cis-1,3-Dichloropropene	20	21.7	ug/L	109	13		82	110	20
	1,1,2-Trichloroethane	20	22.1	ug/L	111	13		83	112	20
	2-Hexanone	100	130	ug/L	130	17	*	73	117	20
	Dibromochloromethane	20	22.3	ug/L	112	13	*	82	110	20
	1,2-Dibromoethane	20	22.5	ug/L	113	14	*	81	110	20
	Tetrachloroethene	20	20.0	ug/L	100	1		67	123	20
	Chlorobenzene	20	20.4	ug/L	102	6		82	109	20
	Ethyl Benzene	20	20.4	ug/L	102	6		83	109	20
	m/p-Xylenes	40	43.4	ug/L	109	7		82	110	20
	o-Xylene	20	20.7	ug/L	104	6		83	109	20
	Styrene	20	20.7	ug/L	104	7		80	111	20
	Bromoform	20	22.3	ug/L	112	9	*	79	109	20
	Isopropylbenzene	20	20.0	ug/L	100	8		83	112	20
	1,1,2,2-Tetrachloroethane	20	21.3	ug/L	106	13		76	118	20
	1,3-Dichlorobenzene	20	20.4	ug/L	102	9		82	108	20
	1,4-Dichlorobenzene	20	19.2	ug/L	96	5		82	107	20
	1,2-Dichlorobenzene	20	20.4	ug/L	102	9		82	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1405

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Datafile : VN085806.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0221WBSD01	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103	13		68	112	20
	1,2,4-Trichlorobenzene	20	18.6	ug/L	93	14		75	113	20
	1,2,3-Trichlorobenzene	20	18.9	ug/L	95	17		76	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1405

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Datafile : VN085832.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0224WBS01	Dichlorodifluoromethane	20	19.8	ug/L	99			69	116	
	Chloromethane	20	19.6	ug/L	98			65	116	
	Vinyl chloride	20	19.6	ug/L	98			65	117	
	Bromomethane	20	19.5	ug/L	98			58	125	
	Chloroethane	20	19.2	ug/L	96			56	128	
	Trichlorofluoromethane	20	19.6	ug/L	98			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.8	ug/L	104			80	112	
	1,1-Dichloroethene	20	19.3	ug/L	97			74	110	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	18.4	ug/L	92			64	112	
	Methyl tert-butyl Ether	20	20.7	ug/L	104			78	114	
	Methyl Acetate	20	22.4	ug/L	112			67	125	
	Methylene Chloride	20	20.4	ug/L	102			72	114	
	trans-1,2-Dichloroethene	20	19.3	ug/L	97			75	108	
	1,1-Dichloroethane	20	20.6	ug/L	103			78	112	
	Cyclohexane	20	18.5	ug/L	93			75	110	
	2-Butanone	100	120	ug/L	120			65	122	
	Carbon Tetrachloride	20	19.6	ug/L	98			77	113	
	cis-1,2-Dichloroethene	20	19.6	ug/L	98			77	110	
	Bromochloromethane	20	24.9	ug/L	125		*	70	124	
	Chloroform	20	20.8	ug/L	104			79	113	
	1,1,1-Trichloroethane	20	19.7	ug/L	99			80	108	
	Methylcyclohexane	20	17.8	ug/L	89			72	115	
	Benzene	20	20.3	ug/L	102			82	109	
	1,2-Dichloroethane	20	19.9	ug/L	100			80	115	
	Trichloroethene	20	18.7	ug/L	94			77	113	
	1,2-Dichloropropane	20	20.8	ug/L	104			83	111	
	Bromodichloromethane	20	20.6	ug/L	103			83	110	
	4-Methyl-2-Pentanone	100	120	ug/L	120		*	74	118	
	Toluene	20	21.1	ug/L	106			82	110	
	t-1,3-Dichloropropene	20	20.3	ug/L	102			79	110	
	cis-1,3-Dichloropropene	20	20.9	ug/L	104			82	110	
	1,1,2-Trichloroethane	20	20.9	ug/L	104			83	112	
	2-Hexanone	100	120	ug/L	120		*	73	117	
	Dibromochloromethane	20	21.3	ug/L	106			82	110	
	1,2-Dibromoethane	20	21.3	ug/L	106			81	110	
	Tetrachloroethene	20	19.4	ug/L	97			67	123	
	Chlorobenzene	20	20.1	ug/L	101			82	109	
	Ethyl Benzene	20	20.1	ug/L	101			83	109	
	m/p-Xylenes	40	43.0	ug/L	108			82	110	
	o-Xylene	20	20.6	ug/L	103			83	109	
	Styrene	20	20.5	ug/L	103			80	111	
	Bromoform	20	22.1	ug/L	111		*	79	109	
	Isopropylbenzene	20	19.2	ug/L	96			83	112	
	1,1,2,2-Tetrachloroethane	20	20.6	ug/L	103			76	118	
	1,3-Dichlorobenzene	20	19.2	ug/L	96			82	108	
	1,4-Dichlorobenzene	20	18.8	ug/L	94			82	107	
	1,2-Dichlorobenzene	20	19.5	ug/L	98			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1405

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Datafile : VN085832.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VN0224WBS01	1,2-Dibromo-3-Chloropropane	20	19.7	ug/L	99			68	112	
	1,2,4-Trichlorobenzene	20	17.0	ug/L	85			75	113	
	1,2,3-Trichlorobenzene	20	17.5	ug/L	88			76	114	

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0221WBL01

Lab Name: CHEMTECH

Contract: TECH05

Lab Code: CHEM Case No.: Q1405

SAS No.: Q1405 SDG NO.: Q1405

Lab File ID: VN085804.D

Lab Sample ID: VN0221WBL01

Date Analyzed: 02/21/2025

Time Analyzed: 15:42

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0221WBS01	VN0221WBS01	VN085805.D	02/21/2025
VN0221WBSD01	VN0221WBSD01	VN085806.D	02/21/2025
MW-01-021325	Q1405-01	VN085821.D	02/21/2025
MW-04-021325	Q1405-02	VN085822.D	02/21/2025
MW-23-021425	Q1405-06	VN085826.D	02/22/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0224WBL01

Lab Name: CHEMTECH

Contract: TECH05

Lab Code: CHEM Case No.: Q1405

SAS No.: Q1405 SDG NO.: Q1405

Lab File ID: VN085831.D

Lab Sample ID: VN0224WBL01

Date Analyzed: 02/24/2025

Time Analyzed: 12:39

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0224WBS01	VN0224WBS01	VN085832.D	02/24/2025
MW-04-021325DL	Q1405-02DL	VN085834.D	02/24/2025
MW-20D-021325	Q1405-03	VN085835.D	02/24/2025
MW-20D-FD-021325	Q1405-04	VN085836.D	02/24/2025
MW-22-021925	Q1405-05	VN085837.D	02/24/2025
TB-02-021325	Q1405-11	VN085838.D	02/24/2025
MW-26-021825	Q1405-07	VN085840.D	02/24/2025
MOS-11R-021325	Q1405-08	VN085841.D	02/24/2025
MOS-13-021925	Q1405-09	VN085842.D	02/24/2025
MW-30S-021825	Q1405-10	VN085843.D	02/24/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TECH05
Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG NO.: Q1405
Lab File ID: VN085771.D BFB Injection Date: 02/18/2025
Instrument ID: MSVOA_N BFB Injection Time: 10:35
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.1
75	30.0 - 60.0% of mass 95	49.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.4 (1.8) 1
174	50.0 - 100.0% of mass 95	81.7
175	5.0 - 9.0% of mass 174	6 (7.4) 1
176	95.0 - 101.0% of mass 174	78.9 (96.5) 1
177	5.0 - 9.0% of mass 176	5.4 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC100	VSTDICC100	VN085772.D	02/18/2025	11:09
VSTDICCC050	VSTDICCC050	VN085773.D	02/18/2025	11:32
VSTDICC010	VSTDICC010	VN085775.D	02/18/2025	12:20
VSTDICC005	VSTDICC005	VN085776.D	02/18/2025	12:43
VSTDICC001	VSTDICC001	VN085777.D	02/18/2025	13:07
VSTDICC020	VSTDICC020	VN085779.D	02/18/2025	14:18

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TECH05
Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG NO.: Q1405
Lab File ID: VN085801.D BFB Injection Date: 02/21/2025
Instrument ID: MSVOA_N BFB Injection Time: 14:10
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.6
75	30.0 - 60.0% of mass 95	52.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.6
173	Less than 2.0% of mass 174	1.4 (1.7) 1
174	50.0 - 100.0% of mass 95	81.4
175	5.0 - 9.0% of mass 174	5.8 (7.1) 1
176	95.0 - 101.0% of mass 174	77.7 (95.5) 1
177	5.0 - 9.0% of mass 176	4.9 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN085802.D	02/21/2025	14:43
VN0221WBL01	VN0221WBL01	VN085804.D	02/21/2025	15:42
VN0221WBS01	VN0221WBS01	VN085805.D	02/21/2025	16:06
VN0221WBSD01	VN0221WBSD01	VN085806.D	02/21/2025	16:39
MW-01-021325	Q1405-01	VN085821.D	02/21/2025	22:37
MW-04-021325	Q1405-02	VN085822.D	02/21/2025	23:01
MW-23-021425	Q1405-06	VN085826.D	02/22/2025	00:36

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TECH05
Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG NO.: Q1405
Lab File ID: VN085828.D BFB Injection Date: 02/24/2025
Instrument ID: MSVOA_N BFB Injection Time: 10:50
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.4
75	30.0 - 60.0% of mass 95	44.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6
173	Less than 2.0% of mass 174	1.5 (2) 1
174	50.0 - 100.0% of mass 95	76.1
175	5.0 - 9.0% of mass 174	5.6 (7.4) 1
176	95.0 - 101.0% of mass 174	73.9 (97.1) 1
177	5.0 - 9.0% of mass 176	5.3 (7.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN085829.D	02/24/2025	11:37
VN0224WBL01	VN0224WBL01	VN085831.D	02/24/2025	12:39
VN0224WBS01	VN0224WBS01	VN085832.D	02/24/2025	13:03
MW-04-021325DL	Q1405-02DL	VN085834.D	02/24/2025	14:00
MW-20D-021325	Q1405-03	VN085835.D	02/24/2025	14:24
MW-20D-FD-021325	Q1405-04	VN085836.D	02/24/2025	14:49
MW-22-021925	Q1405-05	VN085837.D	02/24/2025	15:13
TB-02-021325	Q1405-11	VN085838.D	02/24/2025	15:37
MW-26-021825	Q1405-07	VN085840.D	02/24/2025	16:26
MOS-11R-021325	Q1405-08	VN085841.D	02/24/2025	16:50
MOS-13-021925	Q1405-09	VN085842.D	02/24/2025	17:14
MW-30S-021825	Q1405-10	VN085843.D	02/24/2025	17:38

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TECH05
Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG NO.: Q1405
Lab File ID: VN085802.D Date Analyzed: 02/21/2025
Instrument ID: MSVOA_N Time Analyzed: 14:43
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	267971	8.22	427963	9.09	396190	11.87
UPPER LIMIT	535942	8.718	855926	9.594	792380	12.365
LOWER LIMIT	133986	7.718	213982	8.594	198095	11.365
EPA SAMPLE NO.						
MW-01-021325	248264	8.22	471394	9.10	409575	11.87
MW-04-021325	285100	8.22	501960	9.10	442801	11.87
MW-23-021425	256602	8.22	482778	9.10	427454	11.87
VN0221WBL01	239124	8.22	440255	9.10	393842	11.87
VN0221WBS01	294095	8.22	478037	9.10	411262	11.86
VN0221WBSD01	271259	8.22	440205	9.10	391453	11.87

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TECH05
Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG NO.: Q1405
Lab File ID: VN085802.D Date Analyzed: 02/21/2025
Instrument ID: MSVOA_N Time Analyzed: 14:43
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	205820	13.788				
UPPER LIMIT	411640	14.288				
LOWER LIMIT	102910	13.288				
EPA SAMPLE NO.						
MW-01-021325	159960	13.79				
MW-04-021325	183668	13.79				
MW-23-021425	167368	13.79				
VN0221WBL01	150905	13.79				
VN0221WBS01	206616	13.79				
VN0221WBSD01	190177	13.79				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TECH05
Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG NO.: Q1405
Lab File ID: VN085829.D Date Analyzed: 02/24/2025
Instrument ID: MSVOA_N Time Analyzed: 11:37
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	270391	8.22	444288	9.10	401749	11.87
UPPER LIMIT	540782	8.718	888576	9.6	803498	12.365
LOWER LIMIT	135196	7.718	222144	8.6	200875	11.365
EPA SAMPLE NO.						
MW-04-021325DL	227327	8.22	420422	9.10	359119	11.87
MW-20D-021325	225971	8.22	429272	9.10	376021	11.87
MW-20D-FD-021325	225697	8.22	441369	9.10	379940	11.87
MW-22-021925	211067	8.22	405232	9.10	347826	11.87
MW-26-021825	210306	8.22	401411	9.10	356777	11.87
MOS-11R-021325	213669	8.22	408077	9.10	364577	11.87
MOS-13-021925	206228	8.22	390930	9.10	337160	11.87
MW-30S-021825	208683	8.22	401320	9.10	350062	11.87
TB-02-021325	212384	8.22	411076	9.10	362397	11.87
VN0224WBL01	219652	8.22	415867	9.10	368217	11.87
VN0224WBS01	257358	8.22	436252	9.10	378131	11.87

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TECH05
Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG NO.: Q1405
Lab File ID: VN085829.D Date Analyzed: 02/24/2025
Instrument ID: MSVOA_N Time Analyzed: 11:37
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	208250	13.788				
UPPER LIMIT	416500	14.288				
LOWER LIMIT	104125	13.288				
EPA SAMPLE NO.						
MW-04-021325DL	127235	13.79				
MW-20D-021325	144563	13.79				
MW-20D-FD-021325	144264	13.79				
MW-22-021925	123885	13.79				
MW-26-021825	143476	13.79				
MOS-11R-021325	143066	13.79				
MOS-13-021925	124231	13.79				
MW-30S-021825	131978	13.79				
TB-02-021325	137032	13.79				
VN0224WBL01	141296	13.79				
VN0224WBS01	189869	13.79				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0221WBL01		SDG No.:	Q1405
Lab Sample ID:	VN0221WBL01		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
VN085804.D	1		02/21/25 15:42	VN022125

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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0221WBL01		SDG No.:	Q1405
Lab Sample ID:	VN0221WBL01		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
VN085804.D	1		02/21/25 15:42	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.2		74 - 125	120%	SPK: 50
1868-53-7	Dibromofluoromethane	57.2		75 - 124	114%	SPK: 50
2037-26-5	Toluene-d8	50.6		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.3		77 - 121	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	239000	8.218			
540-36-3	1,4-Difluorobenzene	440000	9.1			
3114-55-4	Chlorobenzene-d5	394000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	151000	13.788			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0221WBL01		SDG No.:	Q1405
Lab Sample ID:	VN0221WBL01		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
VN085804.D	1		02/21/25 15:42	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0224WBL01		SDG No.:	Q1405
Lab Sample ID:	VN0224WBL01		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
VN085831.D	1		02/24/25 12:39	VN022425

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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0224WBL01		SDG No.:	Q1405
Lab Sample ID:	VN0224WBL01		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
VN085831.D	1		02/24/25 12:39	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.2		74 - 125	120%	SPK: 50
1868-53-7	Dibromofluoromethane	54.9		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	49.7		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.3		77 - 121	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	220000	8.224			
540-36-3	1,4-Difluorobenzene	416000	9.1			
3114-55-4	Chlorobenzene-d5	368000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.788			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0224WBL01		SDG No.:	Q1405
Lab Sample ID:	VN0224WBL01		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
VN085831.D	1		02/24/25 12:39	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0221WBS01		SDG No.:	Q1405
Lab Sample ID:	VN0221WBS01		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
VN085805.D	1		02/21/25 16:06	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.4		0.21	1.00	ug/L
74-87-3	Chloromethane	17.9		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.3		0.34	1.00	ug/L
74-83-9	Bromomethane	17.9		1.40	5.00	ug/L
75-00-3	Chloroethane	17.5		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.9		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.0		0.26	1.00	ug/L
67-64-1	Acetone	96.0		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	16.7		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.7		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.3		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.7		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.6		1.60	5.00	ug/L
78-93-3	2-Butanone	97.1		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.9		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.0		0.25	1.00	ug/L
74-97-5	Bromochloromethane	21.3		0.18	1.00	ug/L
67-66-3	Chloroform	18.6		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.4		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	17.5		0.19	1.00	ug/L
71-43-2	Benzene	18.9		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.4		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.2		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.1		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	18.9		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.75	5.00	ug/L
108-88-3	Toluene	20.0		0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0221WBS01		SDG No.:	Q1405
Lab Sample ID:	VN0221WBS01		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
VN085805.D	1		02/21/25 16:06	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.4		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.1		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.4		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	19.5		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.7		0.25	1.00	ug/L
108-90-7	Chlorobenzene	19.1		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.2		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	40.6		0.31	2.00	ug/L
95-47-6	o-Xylene	19.5		0.14	1.00	ug/L
100-42-5	Styrene	19.3		0.16	1.00	ug/L
75-25-2	Bromoform	20.4		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	18.3		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.5		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.5		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.1		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.6		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.0		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	16.1		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.0		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	54.7		75 - 124	109%	SPK: 50
2037-26-5	Toluene-d8	55.9		86 - 113	112%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	294000	8.224			
540-36-3	1,4-Difluorobenzene	478000	9.1			
3114-55-4	Chlorobenzene-d5	411000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	207000	13.788			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0221WBS01		SDG No.:	Q1405
Lab Sample ID:	VN0221WBS01		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
VN085805.D	1		02/21/25 16:06	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0224WBS01		SDG No.:	Q1405
Lab Sample ID:	VN0224WBS01		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
VN085832.D	1		02/24/25 13:03	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.8		0.21	1.00	ug/L
74-87-3	Chloromethane	19.6		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	19.6		0.34	1.00	ug/L
74-83-9	Bromomethane	19.5		1.40	5.00	ug/L
75-00-3	Chloroethane	19.2		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.6		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.3		0.26	1.00	ug/L
67-64-1	Acetone	110		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	18.4		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.4		0.60	1.00	ug/L
75-09-2	Methylene Chloride	20.4		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.3		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.5		1.60	5.00	ug/L
78-93-3	2-Butanone	120		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.6		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.25	1.00	ug/L
74-97-5	Bromochloromethane	24.9		0.18	1.00	ug/L
67-66-3	Chloroform	20.8		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.7		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	17.8		0.19	1.00	ug/L
71-43-2	Benzene	20.3		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.9		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.7		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.8		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	20.6		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.75	5.00	ug/L
108-88-3	Toluene	21.1		0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0224WBS01		SDG No.:	Q1405
Lab Sample ID:	VN0224WBS01		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
VN085832.D	1		02/24/25 13:03	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.3		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.9		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	120		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	21.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.3		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.4		0.25	1.00	ug/L
108-90-7	Chlorobenzene	20.1		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	20.1		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	43.0		0.31	2.00	ug/L
95-47-6	o-Xylene	20.6		0.14	1.00	ug/L
100-42-5	Styrene	20.5		0.16	1.00	ug/L
75-25-2	Bromoform	22.1		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	19.2		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.6		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.2		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.0		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.5		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.5		74 - 125	97%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	49.4		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	257000	8.224			
540-36-3	1,4-Difluorobenzene	436000	9.1			
3114-55-4	Chlorobenzene-d5	378000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	190000	13.788			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0224WBS01		SDG No.:	Q1405
Lab Sample ID:	VN0224WBS01		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
VN085832.D	1		02/24/25 13:03	VN022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0221WBSD01		SDG No.:	Q1405
Lab Sample ID:	VN0221WBSD01		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
VN085806.D	1		02/21/25 16:39	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.8		0.21	1.00	ug/L
74-87-3	Chloromethane	19.8		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	19.4		0.34	1.00	ug/L
74-83-9	Bromomethane	19.6		1.40	5.00	ug/L
75-00-3	Chloroethane	18.6		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.6		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.26	1.00	ug/L
67-64-1	Acetone	110		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	18.5		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.2		0.60	1.00	ug/L
75-09-2	Methylene Chloride	20.2		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	20.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.8		1.60	5.00	ug/L
78-93-3	2-Butanone	110		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.6		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.1		0.25	1.00	ug/L
74-97-5	Bromochloromethane	21.5		0.18	1.00	ug/L
67-66-3	Chloroform	20.7		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.4		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	18.7		0.19	1.00	ug/L
71-43-2	Benzene	21.1		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.8		0.24	1.00	ug/L
79-01-6	Trichloroethene	20.1		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.5		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	21.6		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.75	5.00	ug/L
108-88-3	Toluene	21.8		0.18	1.00	ug/L

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0221WBSD01		SDG No.:	Q1405
Lab Sample ID:	VN0221WBSD01		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
VN085806.D	1		02/21/25 16:39	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	21.9		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.7		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	130		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	22.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	22.5		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	20.0		0.25	1.00	ug/L
108-90-7	Chlorobenzene	20.4		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	20.4		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	43.4		0.31	2.00	ug/L
95-47-6	o-Xylene	20.7		0.14	1.00	ug/L
100-42-5	Styrene	20.7		0.16	1.00	ug/L
75-25-2	Bromoform	22.3		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	20.0		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.3		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.4		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.2		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.4		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.6		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.9		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	54.9		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	54.8		86 - 113	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.0		77 - 121	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	271000	8.224			
540-36-3	1,4-Difluorobenzene	440000	9.1			
3114-55-4	Chlorobenzene-d5	391000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	190000	13.788			

Report of Analysis

Client:	TechLaw Consultants, Inc		Date Collected:	
Project:	REAC Commodore		Date Received:	
Client Sample ID:	VN0221WBSD01		SDG No.:	Q1405
Lab Sample ID:	VN0221WBSD01		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
VN085806.D	1		02/21/25 16:39	VN022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name:	<u>CHEMTECH</u>	Contract:	<u>TECH05</u>
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1405</u>
Instrument ID:	<u>MSVOA_N</u>	SAS No.:	<u>Q1405</u>
Heated Purge: (Y/N)	<u>N</u>	SDG No.:	<u>Q1405</u>
GC Column:	<u>RXI-624</u>	Calibration Date(s):	<u>02/18/2025</u>
ID:	<u>0.25 (mm)</u>	Calibration Time(s):	<u>11:09</u>
			<u>14:18</u>

LAB FILE ID:	RRF100 = VN085772.D			RRF050 = VN085773.D		RRF010 = VN085775.D		
	RRF005 = VN085776.D			RRF001 = VN085777.D		RRF020 = VN085779.D		
COMPOUND	RRF100	RRF050	RRF010	RRF005	RRF001	RRF020	RRF	% RSD
Dichlorodifluoromethane	0.694	0.669	0.779	0.650	0.660	0.628	0.680	7.8
Chloromethane	0.647	0.622	0.742	0.662	0.817	0.604	0.682	11.9
Vinyl Chloride	0.698	0.678	0.796	0.729	0.761	0.674	0.723	6.7
Bromomethane	0.434	0.424	0.543	0.496		0.413	0.462	12.1
Chloroethane	0.447	0.417	0.516	0.470	0.584	0.438	0.479	12.9
Trichlorofluoromethane	1.010	0.959	1.134	1.065	1.103	1.006	1.046	6.3
1,1,2-Trichlorotrifluoroethane	0.602	0.564	0.674	0.635	0.554	0.599	0.605	7.4
1,1-Dichloroethene	0.555	0.527	0.591	0.571	0.514	0.531	0.548	5.3
Acetone	0.195	0.184	0.217	0.208	0.227	0.198	0.205	7.7
Carbon Disulfide	1.565	1.473	1.804	1.604	1.848	1.455	1.625	10.2
Methyl tert-butyl Ether	1.747	1.658	1.714	1.560	1.438	1.659	1.629	7
Methyl Acetate	0.653	0.619	0.794	0.690	0.853	0.625	0.705	13.7
Methylene Chloride	0.628	0.593	0.710	0.666	0.736	0.625	0.660	8.3
trans-1,2-Dichloroethene	0.585	0.549	0.621	0.599	0.623	0.566	0.590	5.1
1,1-Dichloroethane	1.097	1.035	1.216	1.125	1.073	1.089	1.106	5.6
Cyclohexane	0.878	0.860	0.977	1.056		0.858	0.926	9.5
2-Butanone	0.308	0.294	0.331	0.299	0.279	0.299	0.302	5.6
Carbon Tetrachloride	0.573	0.528	0.583	0.545	0.533	0.538	0.550	4.1
cis-1,2-Dichloroethene	0.705	0.661	0.740	0.685	0.646	0.671	0.685	4.9
Bromochloromethane	0.481	0.444	0.346	0.570	0.483	0.402	0.454	17
Chloroform	1.120	1.070	1.269	1.164	1.171	1.141	1.156	5.7
1,1,1-Trichloroethane	1.012	0.967	1.089	1.058	1.030	1.012	1.028	4.1
Methylcyclohexane	0.560	0.492	0.446	0.405	0.373	0.453	0.455	14.5
Benzene	1.581	1.441	1.568	1.421	1.420	1.474	1.484	4.9
1,2-Dichloroethane	0.499	0.456	0.527	0.464	0.472	0.483	0.483	5.4
Trichloroethene	0.370	0.339	0.384	0.350	0.395	0.348	0.364	6.1
1,2-Dichloropropane	0.377	0.347	0.385	0.344	0.339	0.357	0.358	5.2
Bromodichloromethane	0.569	0.518	0.571	0.533	0.512	0.541	0.541	4.6
4-Methyl-2-Pentanone	0.414	0.379	0.392	0.342	0.290	0.388	0.367	12.1
Toluene	0.993	0.902	0.924	0.820	0.689	0.891	0.870	12

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG No.: Q1405

Instrument ID: MSVOA_N Calibration Date(s): 02/18/2025 02/18/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:09 14:18

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:								
RRF100 = VN085772.D			RRF050 = VN085773.D			RRF010 = VN085775.D		
RRF005 = VN085776.D			RRF001 = VN085777.D			RRF020 = VN085779.D		
COMPOUND	RRF100	RRF050	RRF010	RRF005	RRF001	RRF020	RRF	% RSD
t-1,3-Dichloropropene	0.576	0.521	0.518	0.471	0.408	0.505	0.500	11.3
cis-1,3-Dichloropropene	0.626	0.566	0.582	0.513	0.442	0.559	0.548	11.6
1,1,2-Trichloroethane	0.361	0.331	0.370	0.346	0.324	0.344	0.346	5
2-Hexanone	0.296	0.273	0.266	0.227	0.184	0.270	0.253	16
Dibromochloromethane	0.440	0.402	0.431	0.384	0.355	0.405	0.403	7.7
1,2-Dibromoethane	0.354	0.322	0.362	0.320	0.273	0.330	0.327	9.7
Tetrachloroethene	0.384	0.361	0.420	0.391	0.393	0.375	0.387	5.2
Chlorobenzene	1.183	1.110	1.212	1.139	1.109	1.119	1.145	3.8
Ethyl Benzene	2.105	1.904	1.830	1.665	1.424	1.838	1.794	12.8
m/p-Xylenes	0.809	0.741	0.725	0.610	0.481	0.722	0.682	17.2
o-Xylene	0.771	0.704	0.666	0.584	0.502	0.659	0.648	14.5
Styrene	1.327	1.203	1.060	0.885	0.744	1.133	1.059	20.2
Bromoform	0.327	0.303	0.322	0.301	0.274	0.309	0.306	6.2
Isopropylbenzene	3.851	3.596	3.623	3.067	2.933	3.484	3.425	10.3
1,1,2,2-Tetrachloroethane	1.073	1.053	1.304	1.218	1.271	1.154	1.179	8.8
1,3-Dichlorobenzene	1.772	1.635	1.876	1.697	1.748	1.675	1.734	4.9
1,4-Dichlorobenzene	1.750	1.647	1.884	1.777	1.921	1.684	1.777	6.1
1,2-Dichlorobenzene	1.660	1.574	1.768	1.642	1.744	1.617	1.667	4.5
1,2-Dibromo-3-Chloropropane	0.198	0.193	0.238	0.222	0.256	0.191	0.216	12.4
1,2,4-Trichlorobenzene	0.877	0.802	0.827	0.728	0.829	0.704	0.794	8.3
1,2,3-Trichlorobenzene	0.825	0.789	0.844	0.736	0.917	0.675	0.798	10.6
1,2-Dichloroethane-d4	0.698	0.613	0.588	0.767		0.575	0.648	12.6
Dibromofluoromethane	0.375	0.317	0.294	0.357		0.293	0.327	11.5
Toluene-d8	1.444	1.199	1.017	1.212		1.080	1.190	13.8
4-Bromofluorobenzene	0.503	0.419	0.323	0.370		0.346	0.392	18.2

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG No.: Q1405

Instrument ID: MSVOA_N Calibration Date/Time: 02/21/2025 14:43

Lab File ID: VN085802.D Init. Calib. Date(s): 02/18/2025 02/18/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:09 14:18

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.680	0.644		-5.29	20
Chloromethane	0.682	0.617	0.1	-9.53	20
Vinyl Chloride	0.723	0.664		-8.16	20
Bromomethane	0.462	0.410		-11.26	20
Chloroethane	0.479	0.430		-10.23	20
Trichlorofluoromethane	1.046	0.976		-6.69	20
1,1,2-Trichlorotrifluoroethane	0.605	0.592		-2.15	20
1,1-Dichloroethene	0.548	0.517		-5.66	20
Acetone	0.205	0.199		-2.93	20
Carbon Disulfide	1.625	1.429		-12.06	20
Methyl tert-butyl Ether	1.629	1.642		0.8	20
Methyl Acetate	0.705	0.674		-4.4	20
Methylene Chloride	0.660	0.624		-5.45	20
trans-1,2-Dichloroethene	0.590	0.558		-5.42	20
1,1-Dichloroethane	1.106	1.065	0.1	-3.71	20
Cyclohexane	0.926	0.796		-14.04	20
2-Butanone	0.302	0.305		0.99	20
Carbon Tetrachloride	0.550	0.552		0.36	20
cis-1,2-Dichloroethene	0.685	0.667		-2.63	20
Bromochloromethane	0.454	0.512		12.77	20
Chloroform	1.156	1.134		-1.9	20
1,1,1-Trichloroethane	1.028	0.989		-3.79	20
Methylcyclohexane	0.455	0.449		-1.32	20
Benzene	1.484	1.526		2.83	20
1,2-Dichloroethane	0.483	0.498		3.11	20
Trichloroethene	0.364	0.351		-3.57	20
1,2-Dichloropropane	0.358	0.375		4.75	20
Bromodichloromethane	0.541	0.553		2.22	20
4-Methyl-2-Pentanone	0.367	0.417		13.62	20
Toluene	0.870	0.959		10.23	20
t-1,3-Dichloropropene	0.500	0.523		4.6	20
cis-1,3-Dichloropropene	0.548	0.577		5.29	20
1,1,2-Trichloroethane	0.346	0.367		6.07	20
2-Hexanone	0.253	0.297		17.39	20
Dibromochloromethane	0.403	0.438		8.69	20
1,2-Dibromoethane	0.327	0.349		6.73	20
Tetrachloroethene	0.387	0.370		-4.39	20
Chlorobenzene	1.145	1.092	0.3	-4.63	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG No.: Q1405

Instrument ID: MSVOA_N Calibration Date/Time: 02/21/2025 14:43

Lab File ID: VN085802.D Init. Calib. Date(s): 02/18/2025 02/18/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:09 14:18

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.794	1.882		4.91	20
m/p-Xylenes	0.682	0.754		10.56	20
o-Xylene	0.648	0.689		6.33	20
Styrene	1.059	1.230		16.15	20
Bromoform	0.306	0.316	0.1	3.27	20
Isopropylbenzene	3.425	3.338		-2.54	20
1,1,2,2-Tetrachloroethane	1.179	1.061	0.3	-10.01	20
1,3-Dichlorobenzene	1.734	1.651		-4.79	20
1,4-Dichlorobenzene	1.777	1.617		-9	20
1,2-Dichlorobenzene	1.667	1.615		-3.12	20
1,2-Dibromo-3-Chloropropane	0.216	0.182		-15.74	20
1,2,4-Trichlorobenzene	0.794	0.730		-8.06	20
1,2,3-Trichlorobenzene	0.798	0.703		-11.9	20
1,2-Dichloroethane-d4	0.648	0.697		7.56	20
Dibromofluoromethane	0.327	0.373		14.07	20
Toluene-d8	1.190	1.395		17.23	20
4-Bromofluorobenzene	0.392	0.476		21.43	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG No.: Q1405

Instrument ID: MSVOA_N Calibration Date/Time: 02/24/2025 11:37

Lab File ID: VN085829.D Init. Calib. Date(s): 02/18/2025 02/18/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:09 14:18

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.680	0.700		2.94	20
Chloromethane	0.682	0.660	0.1	-3.23	20
Vinyl Chloride	0.723	0.719		-0.55	20
Bromomethane	0.462	0.437		-5.41	20
Chloroethane	0.479	0.461		-3.76	20
Trichlorofluoromethane	1.046	1.056		0.96	20
1,1,2-Trichlorotrifluoroethane	0.605	0.643		6.28	20
1,1-Dichloroethene	0.548	0.569		3.83	20
Acetone	0.205	0.217		5.85	20
Carbon Disulfide	1.625	1.541		-5.17	20
Methyl tert-butyl Ether	1.629	1.821		11.73	20
Methyl Acetate	0.705	0.776		10.07	20
Methylene Chloride	0.660	0.670		1.51	20
trans-1,2-Dichloroethene	0.590	0.607		2.88	20
1,1-Dichloroethane	1.106	1.163	0.1	5.15	20
Cyclohexane	0.926	0.906		-2.16	20
2-Butanone	0.302	0.356		17.88	20
Carbon Tetrachloride	0.550	0.590		7.27	20
cis-1,2-Dichloroethene	0.685	0.716		4.53	20
Bromochloromethane	0.454	0.496		9.25	20
Chloroform	1.156	1.205		4.24	20
1,1,1-Trichloroethane	1.028	1.063		3.4	20
Methylcyclohexane	0.455	0.502		10.33	20
Benzene	1.484	1.612		8.63	20
1,2-Dichloroethane	0.483	0.508		5.18	20
Trichloroethene	0.364	0.369		1.37	20
1,2-Dichloropropane	0.358	0.395		10.34	20
Bromodichloromethane	0.541	0.579		7.02	20
4-Methyl-2-Pentanone	0.367	0.466		26.98	20
Toluene	0.870	1.009		15.98	20
t-1,3-Dichloropropene	0.500	0.566		13.2	20
cis-1,3-Dichloropropene	0.548	0.613		11.86	20
1,1,2-Trichloroethane	0.346	0.386		11.56	20
2-Hexanone	0.253	0.338		33.6	20
Dibromochloromethane	0.403	0.459		13.9	20
1,2-Dibromoethane	0.327	0.376		14.98	20
Tetrachloroethene	0.387	0.388		0.26	20
Chlorobenzene	1.145	1.187	0.3	3.67	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG No.: Q1405

Instrument ID: MSVOA_N Calibration Date/Time: 02/24/2025 11:37

Lab File ID: VN085829.D Init. Calib. Date(s): 02/18/2025 02/18/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:09 14:18

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.794	2.058		14.72	20
m/p-Xylenes	0.682	0.815		19.5	20
o-Xylene	0.648	0.761		17.44	20
Styrene	1.059	1.326		25.21	20
Bromoform	0.306	0.351	0.1	14.71	20
Isopropylbenzene	3.425	3.702		8.09	20
1,1,2,2-Tetrachloroethane	1.179	1.192	0.3	1.1	20
1,3-Dichlorobenzene	1.734	1.758		1.38	20
1,4-Dichlorobenzene	1.777	1.724		-2.98	20
1,2-Dichlorobenzene	1.667	1.700		1.92	20
1,2-Dibromo-3-Chloropropane	0.216	0.219		1.39	20
1,2,4-Trichlorobenzene	0.794	0.808		1.76	20
1,2,3-Trichlorobenzene	0.798	0.802		0.5	20
1,2-Dichloroethane-d4	0.648	0.721		11.27	20
Dibromofluoromethane	0.327	0.384		17.43	20
Toluene-d8	1.190	1.428		20	20
4-Bromofluorobenzene	0.392	0.497		26.79	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.