284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : REAC COMMODORE

TECHLAW CONSULTANTS, INC

14840 Conference Center Dr.

Suite #200

Chantily, VA - 20151

Phone No: 703-818-3205

ORDER ID : Q1363

ATTENTION : Jonathan Dziekan

Laboratory Certification ID # 20012

Table Of Contents for Q1363

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Cover Page

Order ID : Q1363

Project ID : REAC Commodore

Client : TechLaw Consultants, Inc

Lab Sample Number	Client Sample Number
Q1363-01	MW-30D-021125
Q1363-02	EB-01-021125
Q1363-03	TB-01-021125
Q1363-04	MW-33D-021225
Q1363-05	MW-33D-021225MS
Q1363-06	MW-33D-021225MSD
Q1363-07	VFCC-2-021225
Q1363-08	VFCC-3-021225
Q1363-09	MW-33S-021225
Q1363-10	MW-33S-FD-021225

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 2/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

TechLaw Consultants, Inc
Project Name: REAC Commodore
Project # N/A
Chemtech Project # Q1363
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
10 Water samples were received on 02/13/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis perform ed on instrument MSVOA_X were done using GC colu mn DB-624UI 20m 0.18mm 1.0 um . Cat#121-1324UIThe analysis of VOC- TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The MS {Q1363-05MS} with File ID: VX044972.D recoveries met the requirements for all compounds except for Chloroethane[163%], due to matrix interference.

The MSD {Q1363-06MSD} with File ID: VX044973.D recoveries met the acceptable requirements except for 2-Hexanone[132%], Chloroethane[200%],due to matrix interference.
.
The RPD met criteria.

The Blank Spike for {VX0214WBS01} with File ID: VX044951.D met requirements for all samples except for 2-Hexanone[120%],is failing high but no positive hit in associate samples therefore no corrective action taken.

The Blank Spike for {VX0218WBS01} with File ID: VX044979.D met requirements for all samples except for Bromomethane[152%], Chloroethane[136%], are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

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The %RSD is greater than 20% in the Initial Calibration method (82X021025W.M) for Chloroethane is passing on Quadratic Regression.

The Continuous Calibration File ID VX044948.D met the requirements except for Chloroethane, is failing high but no positive hit in associate samples therefore no corrective action taken.

The Continuous Calibration File ID VX044976.D met the requirements except for Bromomethane and Chloroethane, are failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data p ackage is in compliance with the te rms and conditions of the contract, both technically and for com pleteness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1363

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 02/20/2025

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LAB CHRONICLE

OrderID:	Q1363	**OrderDate:**	2/13/2025 10:25:00 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
Q1363-01	**MW-30D-021125**	**Water**			**02/11/25**			**02/13/25**
			VOC-TCLVOA-10	8260-Low			02/14/25	
Q1363-02	**EB-01-021125**	**Water**			**02/11/25**			**02/13/25**
			VOC-TCLVOA-10	8260-Low			02/18/25	
Q1363-03	**TB-01-021125**	**Water**			**02/11/25**			**02/13/25**
			VOC-TCLVOA-10	8260-Low			02/14/25	
Q1363-04	**MW-33D-021225**	**Water**			**02/12/25**			**02/13/25**
			VOC-TCLVOA-10	8260-Low			02/14/25	
Q1363-07	**VFCC-2-021225**	**Water**			**02/12/25**			**02/13/25**
			VOC-TCLVOA-10	8260-Low			02/14/25	
Q1363-08	**VFCC-3-021225**	**Water**			**02/12/25**			**02/13/25**
			VOC-TCLVOA-10	8260-Low			02/14/25	
Q1363-09	**MW-33S-021225**	**Water**			**02/12/25**			**02/13/25**
			VOC-TCLVOA-10	8260-Low			02/14/25	
Q1363-10	**MW-33S-FD-021225**	**Water**			**02/12/25**			**02/13/25**
			VOC-TCLVOA-10	8260-Low			02/14/25	

Alliance TECHNICAL GROUP
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Hit Summary Sheet
SW-846

SDG No.: Q1363

Client: TechLaw Consultants, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**MW-30D-021125**							
Q1363-01	MW-30D-021125	Water	Dichlorodifluoromethane	14.8		0.21	1.00	ug/L
Q1363-01	MW-30D-021125	Water	Trichlorofluoromethane	0.98	J	0.34	1.00	ug/L
Q1363-01	MW-30D-021125	Water	1,1,2-Trichlorotrifluoroethane	9.10		0.25	1.00	ug/L
Q1363-01	MW-30D-021125	Water	Acetone	2.30	J	1.40	5.00	ug/L
Q1363-01	MW-30D-021125	Water	Methyl Acetate	1.20		0.60	1.00	ug/L
Q1363-01	MW-30D-021125	Water	cis-1,2-Dichloroethene	5.60		0.25	1.00	ug/L
Q1363-01	MW-30D-021125	Water	1,1,1-Trichloroethane	1.50		0.19	1.00	ug/L
Q1363-01	MW-30D-021125	Water	Trichloroethene	6.30		0.32	1.00	ug/L
Q1363-01	MW-30D-021125	Water	Tetrachloroethene	15.6		0.25	1.00	ug/L
			Total Voc :	57.4				
			Total Concentration:	57.4				
Client ID:	**EB-01-021125**							
Q1363-02	EB-01-021125	Water	Acetone	22.4		1.40	5.00	ug/L
			Total Voc :	22.4				
			Total Concentration:	22.4				
Client ID:	**MW-33D-021225**							
Q1363-04	MW-33D-021225	Water	Dichlorodifluoromethane	8.10		0.21	1.00	ug/L
Q1363-04	MW-33D-021225	Water	1,1,2-Trichlorotrifluoroethane	2.90		0.25	1.00	ug/L
Q1363-04	MW-33D-021225	Water	Acetone	1.90	J	1.40	5.00	ug/L
Q1363-04	MW-33D-021225	Water	cis-1,2-Dichloroethene	2.00		0.25	1.00	ug/L
Q1363-04	MW-33D-021225	Water	Trichloroethene	7.60		0.32	1.00	ug/L
Q1363-04	MW-33D-021225	Water	Tetrachloroethene	2.60		0.25	1.00	ug/L
			Total Voc :	25.1				
			Total Concentration:	25.1				
Client ID:	**VFCC-2-021225**							
Q1363-07	VFCC-2-021225	Water	1,1,2-Trichlorotrifluoroethane	0.78	J	0.25	1.00	ug/L
Q1363-07	VFCC-2-021225	Water	1,1-Dichloroethene	0.38	J	0.26	1.00	ug/L
Q1363-07	VFCC-2-021225	Water	Acetone	2.00	J	1.40	5.00	ug/L
Q1363-07	VFCC-2-021225	Water	cis-1,2-Dichloroethene	3.10		0.25	1.00	ug/L
Q1363-07	VFCC-2-021225	Water	Chloroform	0.52	J	0.26	1.00	ug/L
Q1363-07	VFCC-2-021225	Water	Trichloroethene	4.00		0.32	1.00	ug/L
Q1363-07	VFCC-2-021225	Water	Tetrachloroethene	0.54	J	0.25	1.00	ug/L
			Total Voc :	11.3				
			Total Concentration:	11.3				
Client ID:	**VFCC-3-021225**							
Q1363-08	VFCC-3-021225	Water	Dichlorodifluoromethane	7.20		0.21	1.00	ug/L
Q1363-08	VFCC-3-021225	Water	1,1,2-Trichlorotrifluoroethane	26.6		0.25	1.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q1363

Client: TechLaw Consultants, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1363-08	VFCC-3-021225	Water	1,1-Dichloroethene	1.20		0.26	1.00	ug/L
Q1363-08	VFCC-3-021225	Water	Acetone	2.00	J	1.40	5.00	ug/L
Q1363-08	VFCC-3-021225	Water	cis-1,2-Dichloroethene	2.90		0.25	1.00	ug/L
Q1363-08	VFCC-3-021225	Water	Trichloroethene	11.1		0.32	1.00	ug/L
Q1363-08	VFCC-3-021225	Water	Tetrachloroethene	3.90		0.25	1.00	ug/L
			Total Voc :	54.9				
			Total Concentration:	54.9				
Client ID:	**MW-33S-021225**							
Q1363-09	MW-33S-021225	Water	Dichlorodifluoromethane	2.80		0.21	1.00	ug/L
Q1363-09	MW-33S-021225	Water	1,1,2-Trichlorotrifluoroethane	4.20		0.25	1.00	ug/L
Q1363-09	MW-33S-021225	Water	Acetone	1.90	J	1.40	5.00	ug/L
Q1363-09	MW-33S-021225	Water	cis-1,2-Dichloroethene	1.30		0.25	1.00	ug/L
Q1363-09	MW-33S-021225	Water	Trichloroethene	2.10		0.32	1.00	ug/L
Q1363-09	MW-33S-021225	Water	Tetrachloroethene	13.4		0.25	1.00	ug/L
			Total Voc :	25.7				
			Total Concentration:	25.7				
Client ID:	**MW-33S-FD-021225**							
Q1363-10	MW-33S-FD-02122	Water	Dichlorodifluoromethane	2.60		0.21	1.00	ug/L
Q1363-10	MW-33S-FD-02122	Water	Trichlorofluoromethane	0.86	J	0.34	1.00	ug/L
Q1363-10	MW-33S-FD-02122	Water	1,1,2-Trichlorotrifluoroethane	3.60		0.25	1.00	ug/L
Q1363-10	MW-33S-FD-02122	Water	Acetone	1.70	J	1.40	5.00	ug/L
Q1363-10	MW-33S-FD-02122	Water	cis-1,2-Dichloroethene	1.30		0.25	1.00	ug/L
Q1363-10	MW-33S-FD-02122	Water	Trichloroethene	1.90		0.32	1.00	ug/L
Q1363-10	MW-33S-FD-02122	Water	Tetrachloroethene	13.1		0.25	1.00	ug/L
			Total Voc :	25.1				
			Total Concentration:	25.1				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/11/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-30D-021125	SDG No.:	Q1363
Lab Sample ID:	Q1363-01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044964.D	1		02/14/25 16:15	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	14.8		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	0.98	J	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	9.10		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	2.30	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	1.20		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	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	1.50		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	6.30		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	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/11/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-30D-021125	SDG No.:	Q1363
Lab Sample ID:	Q1363-01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044964.D	1		02/14/25 16:15	VX021425

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	15.6		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	55.8		74 - 125	112%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	78200	5.544			
540-36-3	1,4-Difluorobenzene	161000	6.757			
3114-55-4	Chlorobenzene-d5	144000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	58200	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/11/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-30D-021125	SDG No.:	Q1363
Lab Sample ID:	Q1363-01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044964.D	1		02/14/25 16:15	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/11/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	EB-01-021125	SDG No.:	Q1363
Lab Sample ID:	Q1363-02	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044982.D	1		02/18/25 13:05	VX021825

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	UQ	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	UQ	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	22.4		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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/11/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	EB-01-021125	SDG No.:	Q1363
Lab Sample ID:	Q1363-02	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044982.D	1		02/18/25 13:05	VX021825

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	54.7		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	50.8		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	84300	5.544			
540-36-3	1,4-Difluorobenzene	170000	6.757			
3114-55-4	Chlorobenzene-d5	154000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	67100	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/11/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	EB-01-021125	SDG No.:	Q1363
Lab Sample ID:	Q1363-02	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044982.D	1		02/18/25 13:05	VX021825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/11/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	TB-01-021125	SDG No.:	Q1363
Lab Sample ID:	Q1363-03	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044966.D	1		02/14/25 17:01	VX021425

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/11/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	TB-01-021125	SDG No.:	Q1363
Lab Sample ID:	Q1363-03	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044966.D	1		02/14/25 17:01	VX021425

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	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	58.0		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	53.2		75 - 124	106%	SPK: 50
2037-26-5	Toluene-d8	51.7		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	81500	5.55			
540-36-3	1,4-Difluorobenzene	167000	6.757			
3114-55-4	Chlorobenzene-d5	161000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	74000	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/11/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	TB-01-021125	SDG No.:	Q1363
Lab Sample ID:	Q1363-03	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044966.D	1		02/14/25 17:01	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33D-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-04	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044971.D	1		02/14/25 18:57	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	8.10		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	2.90		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	1.90	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	0.60	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	2.00		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	7.60		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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33D-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-04	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044971.D	1		02/14/25 18:57	VX021425

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	2.60		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	58.8		74 - 125	118%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	51.0		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	75500	5.55			
540-36-3	1,4-Difluorobenzene	157000	6.757			
3114-55-4	Chlorobenzene-d5	148000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	66400	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33D-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-04	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044971.D	1		02/14/25 18:57	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	VFCC-2-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-07	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044967.D	1		02/14/25 17:25	VX021425

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	0.78	J	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.38	J	0.26	1.00	ug/L
67-64-1	Acetone	2.00	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	0.60	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	3.10		0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.52	J	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	4.00		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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	VFCC-2-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-07	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044967.D	1		02/14/25 17:25	VX021425

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	0.54	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	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	57.9		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	51.9		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	51.2		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.5		77 - 121	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	78500	5.55			
540-36-3	1,4-Difluorobenzene	163000	6.757			
3114-55-4	Chlorobenzene-d5	153000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	68600	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	VFCC-2-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-07	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044967.D	1		02/14/25 17:25	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	VFCC-3-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-08	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044968.D	1		02/14/25 17:48	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	7.20		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	26.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.20		0.26	1.00	ug/L
67-64-1	Acetone	2.00	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	0.60	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	2.90		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	11.1		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	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	VFCC-3-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-08	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044968.D	1		02/14/25 17:48	VX021425

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	3.90		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	57.3		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	50.3		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.8		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	77100	5.55			
540-36-3	1,4-Difluorobenzene	156000	6.757			
3114-55-4	Chlorobenzene-d5	144000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	65100	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	VFCC-3-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-08	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044968.D	1		02/14/25 17:48	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33S-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-09	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044969.D	1		02/14/25 18:11	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.80		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	4.20		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	1.90	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	0.60	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	1.30		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	2.10		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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33S-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-09	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044969.D	1		02/14/25 18:11	VX021425

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	13.4		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	57.3		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	50.6		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.2		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	78700	5.55			
540-36-3	1,4-Difluorobenzene	165000	6.757			
3114-55-4	Chlorobenzene-d5	156000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	72100	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33S-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-09	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044969.D	1		02/14/25 18:11	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33S-FD-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-10	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044970.D	1		02/14/25 18:34	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.60		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	0.86	J	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	3.60		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	1.70	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	0.60	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	1.30		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	1.90		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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33S-FD-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-10	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044970.D	1		02/14/25 18:34	VX021425

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	13.1		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	57.9		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		75 - 124	107%	SPK: 50
2037-26-5	Toluene-d8	52.0		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.0		77 - 121	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	83300	5.55			
540-36-3	1,4-Difluorobenzene	168000	6.757			
3114-55-4	Chlorobenzene-d5	163000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	79500	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33S-FD-021225	SDG No.:	Q1363
Lab Sample ID:	Q1363-10	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044970.D	1		02/14/25 18:34	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q1363

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1363-01	MW-30D-021125	1,2-Dichloroethane-d4	50	55.8	112	74	125
		Dibromofluoromethane	50	51.6	103	75	124
		Toluene-d8	50	50.5	101	86	113
		4-Bromofluorobenzene	50	49.1	98	77	121
Q1363-02	EB-01-021125	1,2-Dichloroethane-d4	50	54.7	109	74	125
		Dibromofluoromethane	50	51.6	103	75	124
		Toluene-d8	50	50.8	102	86	113
		4-Bromofluorobenzene	50	51.8	104	77	121
Q1363-03	TB-01-021125	1,2-Dichloroethane-d4	50	58.0	116	74	125
		Dibromofluoromethane	50	53.2	106	75	124
		Toluene-d8	50	51.7	103	86	113
		4-Bromofluorobenzene	50	55.6	111	77	121
Q1363-04	MW-33D-021225	1,2-Dichloroethane-d4	50	58.8	118	74	125
		Dibromofluoromethane	50	52.6	105	75	124
		Toluene-d8	50	51.0	102	86	113
		4-Bromofluorobenzene	50	54.1	108	77	121
Q1363-05MS	MW-33D-021225MS	1,2-Dichloroethane-d4	50	54.9	110	74	125
		Dibromofluoromethane	50	51.3	103	75	124
		Toluene-d8	50	50.5	101	86	113
		4-Bromofluorobenzene	50	55.7	111	77	121
Q1363-06MSD	MW-33D-021225MSD	1,2-Dichloroethane-d4	50	57.8	116	74	125
		Dibromofluoromethane	50	55.6	111	75	124
		Toluene-d8	50	54.5	109	86	113
		4-Bromofluorobenzene	50	58.5	117	77	121
Q1363-07	VFCC-2-021225	1,2-Dichloroethane-d4	50	57.9	116	74	125
		Dibromofluoromethane	50	51.9	104	75	124
		Toluene-d8	50	51.3	102	86	113
		4-Bromofluorobenzene	50	54.5	109	77	121
Q1363-08	VFCC-3-021225	1,2-Dichloroethane-d4	50	57.3	115	74	125
		Dibromofluoromethane	50	52.2	104	75	124
		Toluene-d8	50	50.3	101	86	113
		4-Bromofluorobenzene	50	52.8	106	77	121
Q1363-09	MW-33S-021225	1,2-Dichloroethane-d4	50	57.3	115	74	125
		Dibromofluoromethane	50	51.8	104	75	124
		Toluene-d8	50	50.6	101	86	113
		4-Bromofluorobenzene	50	55.2	110	77	121
Q1363-10	MW-33S-FD-021225	1,2-Dichloroethane-d4	50	57.9	116	74	125
		Dibromofluoromethane	50	53.4	107	75	124
		Toluene-d8	50	52.0	104	86	113
		4-Bromofluorobenzene	50	57.0	114	77	121
VX0214WBL01	VX0214WBL01	1,2-Dichloroethane-d4	50	55.2	110	74	125
		Dibromofluoromethane	50	51.7	103	75	124
		Toluene-d8	50	50.7	101	86	113
		4-Bromofluorobenzene	50	50.5	101	77	121
VX0214WBS01	VX0214WBS01	1,2-Dichloroethane-d4	50	50.7	101	74	125
		Dibromofluoromethane	50	51.1	102	75	124
		Toluene-d8	50	49.7	99	86	113
		4-Bromofluorobenzene	50	51.5	103	77	121
VX0218WBL01	VX0218WBL01	1,2-Dichloroethane-d4	50	56.9	114	74	125
		Dibromofluoromethane	50	52.7	105	75	124

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Surrogate Summary

SDG No.: Q1363

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VX0218WBL01	VX0218WBL01	Toluene-d8	50	51.9	104	86	113
		4-Bromofluorobenzene	50	56.4	113	77	121
VX0218WBS01	VX0218WBS01	1,2-Dichloroethane-d4	50	54.5	109	74	125
		Dibromofluoromethane	50	53.7	107	75	124
		Toluene-d8	50	51.8	104	86	113
		4-Bromofluorobenzene	50	54.3	108	77	121

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1363

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q1363-05MS		**Client Sample ID : MW-33D-021225MS**						**Datafile :** VX044972.D			
Dichlorodifluoromethane	50	8.10	55.2	ug/L	94				73	120	
Chloromethane	50	0	48.4	ug/L	97				58	133	
Vinyl chloride	50	0	46.8	ug/L	94				69	125	
Bromomethane	50	0	66.7	ug/L	133				28	165	
Chloroethane	50	0	81.7	ug/L	163	*			70	141	
Trichlorofluoromethane	50	0	51.1	ug/L	102				72	124	
1,1,2-Trichlorotrifluoroethane	50	2.90	52.5	ug/L	99				75	117	
1,1-Dichloroethene	50	0	47.8	ug/L	96				53	162	
Acetone	250	1.90	290	ug/L	115				44	150	
Carbon disulfide	50	0	44.1	ug/L	88				44	135	
Methyl tert-butyl Ether	50	0	50.3	ug/L	101				82	133	
Methyl Acetate	50	0	53.1	ug/L	106				76	138	
Methylene Chloride	50	0	48.9	ug/L	98				79	115	
trans-1,2-Dichloroethene	50	0	49.6	ug/L	99				76	118	
1,1-Dichloroethane	50	0	50.3	ug/L	101				78	122	
Cyclohexane	50	0	47.2	ug/L	94				71	119	
2-Butanone	250	0	290	ug/L	116				67	137	
Carbon Tetrachloride	50	0	49.5	ug/L	99				66	133	
cis-1,2-Dichloroethene	50	2.00	50.7	ug/L	97				82	124	
Bromochloromethane	50	0	54.5	ug/L	109				72	130	
Chloroform	50	0	51.3	ug/L	103				83	119	
1,1,1-Trichloroethane	50	0	50.7	ug/L	101				83	117	
Methylcyclohexane	50	0	47.3	ug/L	95				64	120	
Benzene	50	0	48.2	ug/L	96				81	128	
1,2-Dichloroethane	50	0	52.6	ug/L	105				76	120	
Trichloroethene	50	7.60	55.7	ug/L	96				28	175	
1,2-Dichloropropane	50	0	48.9	ug/L	98				85	116	
Bromodichloromethane	50	0	51.7	ug/L	103				54	157	
4-Methyl-2-Pentanone	250	0	280	ug/L	112				72	137	
Toluene	50	0	49.3	ug/L	99				85	115	
t-1,3-Dichloropropene	50	0	47.3	ug/L	95				60	141	
cis-1,3-Dichloropropene	50	0	48.5	ug/L	97				36	161	
1,1,2-Trichloroethane	50	0	51.5	ug/L	103				27	175	
2-Hexanone	250	0	290	ug/L	116				75	131	
Dibromochloromethane	50	0	52.0	ug/L	104				59	164	
1,2-Dibromoethane	50	0	50.1	ug/L	100				85	119	
Tetrachloroethene	50	2.60	47.8	ug/L	90				48	153	
Chlorobenzene	50	0	46.9	ug/L	94				85	114	
Ethyl Benzene	50	0	47.2	ug/L	94				81	128	
m/p-Xylenes	100	0	94.1	ug/L	94				69	129	
o-Xylene	50	0	46.9	ug/L	94				75	127	
Styrene	50	0	49.5	ug/L	99				84	128	
Bromoform	50	0	49.9	ug/L	100				73	147	
Isopropylbenzene	50	0	44.1	ug/L	88				76	121	
1,1,2,2-Tetrachloroethane	50	0	45.0	ug/L	90				81	131	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1363

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	45.4	ug/L	91				84	110	
1,4-Dichlorobenzene	50	0	45.0	ug/L	90				81	111	
1,2-Dichlorobenzene	50	0	45.6	ug/L	91				82	113	
1,2-Dibromo-3-Chloropropane	50	0	47.6	ug/L	95				79	137	
1,2,4-Trichlorobenzene	50	0	46.9	ug/L	94				73	120	
1,2,3-Trichlorobenzene	50	0	45.0	ug/L	90				75	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1363

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q1363-06MSD	**Client Sample ID :** MW-33D-021225MSD							**Datafile :** VX044973.D			
Dichlorodifluoromethane	50	8.10	60.7	ug/L	105		11		73	120	20
Chloromethane	50	0	52.3	ug/L	105		8		58	133	20
Vinyl chloride	50	0	50.8	ug/L	102		8		69	125	20
Bromomethane	50	0	75.4	ug/L	151		12		28	165	20
Chloroethane	50	0	99.8	ug/L	200	*	20		70	141	20
Trichlorofluoromethane	50	0	56.7	ug/L	113		10		72	124	20
1,1,2-Trichlorotrifluoroethane	50	2.90	57.4	ug/L	109		10		75	117	20
1,1-Dichloroethene	50	0	53.2	ug/L	106		11		53	162	20
Acetone	250	1.90	320	ug/L	127		10		44	150	20
Carbon disulfide	50	0	50.8	ug/L	102		14		44	135	20
Methyl tert-butyl Ether	50	0	56.3	ug/L	113		11		82	133	20
Methyl Acetate	50	0	59.9	ug/L	120		12		76	138	20
Methylene Chloride	50	0	55.1	ug/L	110		12		79	115	20
trans-1,2-Dichloroethene	50	0	55.0	ug/L	110		10		76	118	20
1,1-Dichloroethane	50	0	55.8	ug/L	112		10		78	122	20
Cyclohexane	50	0	52.5	ug/L	105		11		71	119	20
2-Butanone	250	0	320	ug/L	128		10		67	137	20
Carbon Tetrachloride	50	0	55.5	ug/L	111		11		66	133	20
cis-1,2-Dichloroethene	50	2.00	58.3	ug/L	113		15		82	124	20
Bromochloromethane	50	0	59.1	ug/L	118		8		72	130	20
Chloroform	50	0	57.4	ug/L	115		11		83	119	20
1,1,1-Trichloroethane	50	0	57.3	ug/L	115		12		83	117	20
Methylcyclohexane	50	0	53.2	ug/L	106		12		64	120	20
Benzene	50	0	54.8	ug/L	110		13		81	128	20
1,2-Dichloroethane	50	0	59.3	ug/L	119		12		76	120	20
Trichloroethene	50	7.60	62.2	ug/L	109		13		28	175	20
1,2-Dichloropropane	50	0	56.3	ug/L	113		14		85	116	20
Bromodichloromethane	50	0	58.7	ug/L	117		13		54	157	20
4-Methyl-2-Pentanone	250	0	320	ug/L	128		13		72	137	20
Toluene	50	0	56.0	ug/L	112		13		85	115	20
t-1,3-Dichloropropene	50	0	56.5	ug/L	113		18		60	141	20
cis-1,3-Dichloropropene	50	0	55.8	ug/L	112		14		36	161	20
1,1,2-Trichloroethane	50	0	58.2	ug/L	116		12		27	175	20
2-Hexanone	250	0	330	ug/L	132	*	13		75	131	20
Dibromochloromethane	50	0	59.8	ug/L	120		14		59	164	20
1,2-Dibromoethane	50	0	57.8	ug/L	116		14		85	119	20
Tetrachloroethene	50	2.60	54.8	ug/L	104		14		48	153	20
Chlorobenzene	50	0	54.0	ug/L	108		14		85	114	20
Ethyl Benzene	50	0	54.2	ug/L	108		14		81	128	20
m/p-Xylenes	100	0	110	ug/L	110		16		69	129	20
o-Xylene	50	0	52.3	ug/L	105		11		75	127	20
Styrene	50	0	56.6	ug/L	113		13		84	128	20
Bromoform	50	0	57.2	ug/L	114		14		73	147	20
Isopropylbenzene	50	0	50.1	ug/L	100		13		76	121	20
1,1,2,2-Tetrachloroethane	50	0	51.4	ug/L	103		13		81	131	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1363

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	51.4	ug/L	103		12		84	110	20
1,4-Dichlorobenzene	50	0	51.7	ug/L	103		14		81	111	20
1,2-Dichlorobenzene	50	0	52.4	ug/L	105		14		82	113	20
1,2-Dibromo-3-Chloropropane	50	0	56.5	ug/L	113		17		79	137	20
1,2,4-Trichlorobenzene	50	0	54.6	ug/L	109		15		73	120	20
1,2,3-Trichlorobenzene	50	0	54.8	ug/L	110		20		75	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1363

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low **Datafile :** VX044951.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0214WBS01	Dichlorodifluoromethane	20	19.9	ug/L	100			69	116	
	Chloromethane	20	19.3	ug/L	97			65	116	
	Vinyl chloride	20	18.3	ug/L	92			65	117	
	Bromomethane	20	23.4	ug/L	117			58	125	
	Chloroethane	20	24.1	ug/L	121			56	128	
	Trichlorofluoromethane	20	20.2	ug/L	101			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99			80	112	
	1,1-Dichloroethene	20	18.9	ug/L	95			74	110	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	17.0	ug/L	85			64	112	
	Methyl tert-butyl Ether	20	19.7	ug/L	99			78	114	
	Methyl Acetate	20	21.5	ug/L	108			67	125	
	Methylene Chloride	20	19.3	ug/L	97			72	114	
	trans-1,2-Dichloroethene	20	18.7	ug/L	94			75	108	
	1,1-Dichloroethane	20	20.0	ug/L	100			78	112	
	Cyclohexane	20	18.9	ug/L	95			75	110	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	20.2	ug/L	101			77	113	
	cis-1,2-Dichloroethene	20	19.8	ug/L	99			77	110	
	Bromochloromethane	20	17.9	ug/L	90			70	124	
	Chloroform	20	20.6	ug/L	103			79	113	
	1,1,1-Trichloroethane	20	19.6	ug/L	98			80	108	
	Methylcyclohexane	20	19.8	ug/L	99			72	115	
	Benzene	20	20.0	ug/L	100			82	109	
	1,2-Dichloroethane	20	21.8	ug/L	109			80	115	
	Trichloroethene	20	19.8	ug/L	99			77	113	
	1,2-Dichloropropane	20	20.1	ug/L	101			83	111	
	Bromodichloromethane	20	20.9	ug/L	104			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	20.4	ug/L	102			82	110	
	t-1,3-Dichloropropene	20	19.2	ug/L	96			79	110	
	cis-1,3-Dichloropropene	20	20.1	ug/L	101			82	110	
	1,1,2-Trichloroethane	20	21.2	ug/L	106			83	112	
	2-Hexanone	100	120	ug/L	120		*	73	117	
	Dibromochloromethane	20	20.7	ug/L	104			82	110	
	1,2-Dibromoethane	20	21.2	ug/L	106			81	110	
	Tetrachloroethene	20	21.0	ug/L	105			67	123	
	Chlorobenzene	20	20.2	ug/L	101			82	109	
	Ethyl Benzene	20	20.2	ug/L	101			83	109	
	m/p-Xylenes	40	41.1	ug/L	103			82	110	
	o-Xylene	20	20.2	ug/L	101			83	109	
	Styrene	20	21.0	ug/L	105			80	111	
	Bromoform	20	20.8	ug/L	104			79	109	
	Isopropylbenzene	20	19.3	ug/L	97			83	112	
	1,1,2,2-Tetrachloroethane	20	20.0	ug/L	100			76	118	
	1,3-Dichlorobenzene	20	19.7	ug/L	99			82	108	
	1,4-Dichlorobenzene	20	19.7	ug/L	99			82	107	
	1,2-Dichlorobenzene	20	20.7	ug/L	104			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1363

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low **Datafile :** VX044951.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0214WBS01	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103			68	112	
	1,2,4-Trichlorobenzene	20	19.6	ug/L	98			75	113	
	1,2,3-Trichlorobenzene	20	20.1	ug/L	101			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1363

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low **Datafile :** VX044979.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0218WBS01	Dichlorodifluoromethane	20	19.1	ug/L	96			69	116	
	Chloromethane	20	18.9	ug/L	95			65	116	
	Vinyl chloride	20	18.8	ug/L	94			65	117	
	Bromomethane	20	30.4	ug/L	152		*	58	125	
	Chloroethane	20	27.2	ug/L	136		*	56	128	
	Trichlorofluoromethane	20	20.7	ug/L	104			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/L	102			80	112	
	1,1-Dichloroethene	20	19.6	ug/L	98			74	110	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	18.8	ug/L	94			64	112	
	Methyl tert-butyl Ether	20	20.3	ug/L	102			78	114	
	Methyl Acetate	20	21.8	ug/L	109			67	125	
	Methylene Chloride	20	20.0	ug/L	100			72	114	
	trans-1,2-Dichloroethene	20	20.3	ug/L	102			75	108	
	1,1-Dichloroethane	20	20.2	ug/L	101			78	112	
	Cyclohexane	20	19.5	ug/L	98			75	110	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	20.6	ug/L	103			77	113	
	cis-1,2-Dichloroethene	20	20.1	ug/L	101			77	110	
	Bromochloromethane	20	21.5	ug/L	108			70	124	
	Chloroform	20	20.6	ug/L	103			79	113	
	1,1,1-Trichloroethane	20	20.4	ug/L	102			80	108	
	Methylcyclohexane	20	20.0	ug/L	100			72	115	
	Benzene	20	19.9	ug/L	100			82	109	
	1,2-Dichloroethane	20	21.3	ug/L	106			80	115	
	Trichloroethene	20	20.2	ug/L	101			77	113	
	1,2-Dichloropropane	20	20.3	ug/L	102			83	111	
	Bromodichloromethane	20	21.5	ug/L	108			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	20.5	ug/L	103			82	110	
	t-1,3-Dichloropropene	20	19.6	ug/L	98			79	110	
	cis-1,3-Dichloropropene	20	20.5	ug/L	103			82	110	
	1,1,2-Trichloroethane	20	20.6	ug/L	103			83	112	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	21.3	ug/L	106			82	110	
	1,2-Dibromoethane	20	20.5	ug/L	103			81	110	
	Tetrachloroethene	20	21.0	ug/L	105			67	123	
	Chlorobenzene	20	20.6	ug/L	103			82	109	
	Ethyl Benzene	20	20.1	ug/L	101			83	109	
	m/p-Xylenes	40	40.9	ug/L	102			82	110	
	o-Xylene	20	20.3	ug/L	102			83	109	
	Styrene	20	21.0	ug/L	105			80	111	
	Bromoform	20	21.4	ug/L	107			79	109	
	Isopropylbenzene	20	19.4	ug/L	97			83	112	
	1,1,2,2-Tetrachloroethane	20	19.2	ug/L	96			76	118	
	1,3-Dichlorobenzene	20	20.2	ug/L	101			82	108	
	1,4-Dichlorobenzene	20	20.0	ug/L	100			82	107	
	1,2-Dichlorobenzene	20	20.8	ug/L	104			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1363

Client: TechLaw Consultants, Inc

Analytical Method: SW8260-Low **Datafile :** VX044979.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0218WBS01	1,2-Dibromo-3-Chloropropane	20	19.3	ug/L	97			68	112	
	1,2,4-Trichlorobenzene	20	20.2	ug/L	101			75	113	
	1,2,3-Trichlorobenzene	20	20.1	ug/L	101			76	114	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0214WBL01

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG NO.: Q1363

Lab File ID: VX044950.D Lab Sample ID: VX0214WBL01

Date Analyzed: 02/14/2025 Time Analyzed: 10:51

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0214WBS01	VX0214WBS01	VX044951.D	02/14/2025
MW-30D-021125	Q1363-01	VX044964.D	02/14/2025
TB-01-021125	Q1363-03	VX044966.D	02/14/2025
VFCC-2-021225	Q1363-07	VX044967.D	02/14/2025
VFCC-3-021225	Q1363-08	VX044968.D	02/14/2025
MW-33S-021225	Q1363-09	VX044969.D	02/14/2025
MW-33S-FD-021225	Q1363-10	VX044970.D	02/14/2025
MW-33D-021225	Q1363-04	VX044971.D	02/14/2025
MW-33D-021225MS	Q1363-05MS	VX044972.D	02/14/2025
MW-33D-021225MSD	Q1363-06MSD	VX044973.D	02/14/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0218WBL01

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG NO.: Q1363

Lab File ID: VX044978.D Lab Sample ID: VX0218WBL01

Date Analyzed: 02/18/2025 Time Analyzed: 11:31

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0218WBS01	VX0218WBS01	VX044979.D	02/18/2025
EB-01-021125	Q1363-02	VX044982.D	02/18/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG NO.: Q1363

Lab File ID: VX044867.D BFB Injection Date: 02/10/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:35

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.6) 1
174	50.0 - 100.0% of mass 95	75.9
175	5.0 - 9.0% of mass 174	5.7 (7.5) 1
176	95.0 - 101.0% of mass 174	72.6 (95.7) 1
177	5.0 - 9.0% of mass 176	4.5 (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
VSTDICC001	VSTDICC001	VX044868.D	02/10/2025	10:25
VSTDICC005	VSTDICC005	VX044869.D	02/10/2025	10:48
VSTDICC020	VSTDICC020	VX044870.D	02/10/2025	11:11
VSTDICCC050	VSTDICCC050	VX044871.D	02/10/2025	11:34
VSTDICC100	VSTDICC100	VX044872.D	02/10/2025	12:05
VSTDICC150	VSTDICC150	VX044873.D	02/10/2025	12:28

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG NO.: Q1363

Lab File ID: VX044947.D BFB Injection Date: 02/14/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:35

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.9
75	30.0 - 60.0% of mass 95	51.5
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	0.4 (0.5) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	5.2 (7) 1
176	95.0 - 101.0% of mass 174	71.2 (95.7) 1
177	5.0 - 9.0% of mass 176	4.6 (6.5) 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	VX044948.D	02/14/2025	10:04
VX0214WBL01	VX0214WBL01	VX044950.D	02/14/2025	10:51
VX0214WBS01	VX0214WBS01	VX044951.D	02/14/2025	11:14
MW-30D-021125	Q1363-01	VX044964.D	02/14/2025	16:15
TB-01-021125	Q1363-03	VX044966.D	02/14/2025	17:01
VFCC-2-021225	Q1363-07	VX044967.D	02/14/2025	17:25
VFCC-3-021225	Q1363-08	VX044968.D	02/14/2025	17:48
MW-33S-021225	Q1363-09	VX044969.D	02/14/2025	18:11
MW-33S-FD-021225	Q1363-10	VX044970.D	02/14/2025	18:34
MW-33D-021225	Q1363-04	VX044971.D	02/14/2025	18:57
MW-33D-021225MS	Q1363-05MS	VX044972.D	02/14/2025	19:20
MW-33D-021225MSD	Q1363-06MSD	VX044973.D	02/14/2025	19:43

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG NO.: Q1363

Lab File ID: VX044975.D BFB Injection Date: 02/18/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:46

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.5
75	30.0 - 60.0% of mass 95	53.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.7 (1.1) 1
174	50.0 - 100.0% of mass 95	69
175	5.0 - 9.0% of mass 174	5 (7.2) 1
176	95.0 - 101.0% of mass 174	65.8 (95.3) 1
177	5.0 - 9.0% of mass 176	4.7 (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	VX044976.D	02/18/2025	10:45
VX0218WBL01	VX0218WBL01	VX044978.D	02/18/2025	11:31
VX0218WBS01	VX0218WBS01	VX044979.D	02/18/2025	11:54
EB-01-021125	Q1363-02	VX044982.D	02/18/2025	13:05

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG NO.: Q1363

Lab File ID: VX044948.D Date Analyzed: 02/14/2025

Instrument ID: MSVOA_X Time Analyzed: 10:04

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	111649	5.54	194847	6.75	171164	10.05
UPPER LIMIT	223298	6.037	389694	7.251	342328	10.549
LOWER LIMIT	55824.5	5.037	97423.5	6.251	85582	9.549
EPA SAMPLE NO.						
MW-30D-021125	78193	5.54	161133	6.76	143961	10.06
TB-01-021125	81534	5.55	167151	6.76	161346	10.05
MW-33D-021225	75470	5.55	157095	6.76	147557	10.05
MW-33D-021225MS	97424	5.54	182191	6.76	167355	10.05
MW-33D-021225MSD	87367	5.54	162792	6.76	149234	10.05
VFCC-2-021225	78469	5.55	163329	6.76	153346	10.05
VFCC-3-021225	77144	5.55	155981	6.76	144021	10.06
MW-33S-021225	78716	5.55	165139	6.76	155752	10.05
MW-33S-FD-021225	83299	5.55	168141	6.76	163155	10.05
VX0214WBL01	79162	5.54	161000	6.76	145614	10.05
VX0214WBS01	109167	5.54	195743	6.76	172020	10.05

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG NO.: Q1363

Lab File ID: VX044948.D Date Analyzed: 02/14/2025

Instrument ID: MSVOA_X Time Analyzed: 10:04

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	79140	12.018				
UPPER LIMIT	158280	12.518				
LOWER LIMIT	39570	11.518				
EPA SAMPLE NO.						
MW-30D-021125	58167	12.02				
TB-01-021125	74015	12.02				
MW-33D-021225	66405	12.02				
MW-33D-021225MS	80350	12.02				
MW-33D-021225MSD	71520	12.02				
VFCC-2-021225	68646	12.02				
VFCC-3-021225	65055	12.02				
MW-33S-021225	72129	12.02				
MW-33S-FD-021225	79529	12.02				
VX0214WBL01	59196	12.02				
VX0214WBS01	79806	12.02				

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG NO.: Q1363

Lab File ID: VX044976.D Date Analyzed: 02/18/2025

Instrument ID: MSVOA_X Time Analyzed: 10:45

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	118005	5.54	207185	6.75	183597	10.05
UPPER LIMIT	236010	6.038	414370	7.251	367194	10.549
LOWER LIMIT	59002.5	5.038	103593	6.251	91798.5	9.549
EPA SAMPLE NO.						
EB-01-021125	84342	5.54	169783	6.76	153945	10.05
VX0218WBL01	92895	5.55	191012	6.76	185140	10.05
VX0218WBS01	109899	5.54	202747	6.76	177300	10.05

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG NO.: Q1363

Lab File ID: VX044976.D Date Analyzed: 02/18/2025

Instrument ID: MSVOA_X Time Analyzed: 10:45

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	88801	12.018				
UPPER LIMIT	177602	12.518				
LOWER LIMIT	44400.5	11.518				
EPA SAMPLE NO.						
EB-01-021125	67101	12.02				
VX0218WBL01	91305	12.02				
VX0218WBS01	83521	12.02				

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	
Project:	REAC Commodore	Date Received:	
Client Sample ID:	VX0214WBL01	SDG No.:	Q1363
Lab Sample ID:	VX0214WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044950.D	1		02/14/25 10:51	VX021425

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	
Project:	REAC Commodore	Date Received:	
Client Sample ID:	VX0214WBL01	SDG No.:	Q1363
Lab Sample ID:	VX0214WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044950.D	1		02/14/25 10:51	VX021425

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	55.2		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	50.7		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	79200	5.544			
540-36-3	1,4-Difluorobenzene	161000	6.757			
3114-55-4	Chlorobenzene-d5	146000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	59200	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	
Project:	REAC Commodore	Date Received:	
Client Sample ID:	VX0214WBL01	SDG No.:	Q1363
Lab Sample ID:	VX0214WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044950.D	1		02/14/25 10:51	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	
Project:	REAC Commodore	Date Received:	
Client Sample ID:	VX0218WBL01	SDG No.:	Q1363
Lab Sample ID:	VX0218WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044978.D	1		02/18/25 11:31	VX021825

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	
Project:	REAC Commodore	Date Received:	
Client Sample ID:	VX0218WBL01	SDG No.:	Q1363
Lab Sample ID:	VX0218WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044978.D	1		02/18/25 11:31	VX021825

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	56.9		74 - 125	114%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	51.9		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.4		77 - 121	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	92900	5.55			
540-36-3	1,4-Difluorobenzene	191000	6.757			
3114-55-4	Chlorobenzene-d5	185000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	91300	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	
Project:	REAC Commodore	Date Received:	
Client Sample ID:	VX0218WBL01	SDG No.:	Q1363
Lab Sample ID:	VX0218WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044978.D	1		02/18/25 11:31	VX021825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	
Project:	REAC Commodore	Date Received:	
Client Sample ID:	VX0214WBS01	SDG No.:	Q1363
Lab Sample ID:	VX0214WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044951.D	1		02/14/25 11:14	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.9		0.21	1.00	ug/L
74-87-3	Chloromethane	19.3		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.3		0.34	1.00	ug/L
74-83-9	Bromomethane	23.4		1.40	5.00	ug/L
75-00-3	Chloroethane	24.1		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.2		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.9		0.26	1.00	ug/L
67-64-1	Acetone	110		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	17.0		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.5		0.60	1.00	ug/L
75-09-2	Methylene Chloride	19.3		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.7		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.9		1.60	5.00	ug/L
78-93-3	2-Butanone	110		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.8		0.25	1.00	ug/L
74-97-5	Bromochloromethane	17.9		0.18	1.00	ug/L
67-66-3	Chloroform	20.6		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.6		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	19.8		0.19	1.00	ug/L
71-43-2	Benzene	20.0		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.8		0.24	1.00	ug/L
79-01-6	Trichloroethene	19.8		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.1		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	20.9		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	20.4		0.18	1.00	ug/L

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	
Project:	REAC Commodore	Date Received:	
Client Sample ID:	VX0214WBS01	SDG No.:	Q1363
Lab Sample ID:	VX0214WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044951.D	1		02/14/25 11:14	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.2		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.1		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	120		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	20.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.2		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	21.0		0.25	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	20.2		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	41.1		0.31	2.00	ug/L
95-47-6	o-Xylene	20.2		0.14	1.00	ug/L
100-42-5	Styrene	21.0		0.16	1.00	ug/L
75-25-2	Bromoform	20.8		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	19.3		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.0		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.7		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.7		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.7		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	19.6		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.1		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.7		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	49.7		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	109000	5.544			
540-36-3	1,4-Difluorobenzene	196000	6.757			
3114-55-4	Chlorobenzene-d5	172000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	79800	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	
Project:	REAC Commodore	Date Received:	
Client Sample ID:	VX0214WBS01	SDG No.:	Q1363
Lab Sample ID:	VX0214WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044951.D	1		02/14/25 11:14	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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
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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	
Project:	REAC Commodore	Date Received:	
Client Sample ID:	VX0218WBS01	SDG No.:	Q1363
Lab Sample ID:	VX0218WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044979.D	1		02/18/25 11:54	VX021825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.1		0.21	1.00	ug/L
74-87-3	Chloromethane	18.9		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.8		0.34	1.00	ug/L
74-83-9	Bromomethane	30.4		1.40	5.00	ug/L
75-00-3	Chloroethane	27.2		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.7		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.6		0.26	1.00	ug/L
67-64-1	Acetone	110		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	18.8		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.8		0.60	1.00	ug/L
75-09-2	Methylene Chloride	20.0		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.3		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.5		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	20.6		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	20.0		0.19	1.00	ug/L
71-43-2	Benzene	19.9		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.3		0.24	1.00	ug/L
79-01-6	Trichloroethene	20.2		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.3		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	21.5		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	20.5		0.18	1.00	ug/L

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	
Project:	REAC Commodore	Date Received:	
Client Sample ID:	VX0218WBS01	SDG No.:	Q1363
Lab Sample ID:	VX0218WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044979.D	1		02/18/25 11:54	VX021825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.6		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.5		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	21.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.5		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	21.0		0.25	1.00	ug/L
108-90-7	Chlorobenzene	20.6		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	40.9		0.31	2.00	ug/L
95-47-6	o-Xylene	20.3		0.14	1.00	ug/L
100-42-5	Styrene	21.0		0.16	1.00	ug/L
75-25-2	Bromoform	21.4		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	19.4		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.2		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.2		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.0		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.8		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.3		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.2		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.1		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.5		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	53.7		75 - 124	107%	SPK: 50
2037-26-5	Toluene-d8	51.8		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.2		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	110000	5.544			
540-36-3	1,4-Difluorobenzene	203000	6.757			
3114-55-4	Chlorobenzene-d5	177000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	83500	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	
Project:	REAC Commodore	Date Received:	
Client Sample ID:	VX0218WBS01	SDG No.:	Q1363
Lab Sample ID:	VX0218WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044979.D	1		02/18/25 11:54	VX021825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33D-021225MS	SDG No.:	Q1363
Lab Sample ID:	Q1363-05MS	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044972.D	1		02/14/25 19:20	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	55.2		0.21	1.00	ug/L
74-87-3	Chloromethane	48.4		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	46.8		0.34	1.00	ug/L
74-83-9	Bromomethane	66.7		1.40	5.00	ug/L
75-00-3	Chloroethane	81.7		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	51.1		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	52.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	47.8		0.26	1.00	ug/L
67-64-1	Acetone	290		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	44.1		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	50.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	53.1		0.60	1.00	ug/L
75-09-2	Methylene Chloride	48.9		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	49.6		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	50.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	47.2		1.60	5.00	ug/L
78-93-3	2-Butanone	290		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	49.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	50.7		0.25	1.00	ug/L
74-97-5	Bromochloromethane	54.5		0.18	1.00	ug/L
67-66-3	Chloroform	51.3		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	50.7		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	47.3		0.19	1.00	ug/L
71-43-2	Benzene	48.2		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	52.6		0.24	1.00	ug/L
79-01-6	Trichloroethene	55.7		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	48.9		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	51.7		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	280		0.75	5.00	ug/L
108-88-3	Toluene	49.3		0.18	1.00	ug/L

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33D-021225MS	SDG No.:	Q1363
Lab Sample ID:	Q1363-05MS	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044972.D	1		02/14/25 19:20	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	47.3		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	48.5		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	51.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	290		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	52.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	50.1		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	47.8		0.25	1.00	ug/L
108-90-7	Chlorobenzene	46.9		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	47.2		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	94.1		0.31	2.00	ug/L
95-47-6	o-Xylene	46.9		0.14	1.00	ug/L
100-42-5	Styrene	49.5		0.16	1.00	ug/L
75-25-2	Bromoform	49.9		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	44.1		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	45.0		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	45.4		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	45.0		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	45.6		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	47.6		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.9		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	45.0		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.9		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	97400	5.544			
540-36-3	1,4-Difluorobenzene	182000	6.757			
3114-55-4	Chlorobenzene-d5	167000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	80400	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33D-021225MS	SDG No.:	Q1363
Lab Sample ID:	Q1363-05MS	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044972.D	1		02/14/25 19:20	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33D-021225MSD	SDG No.:	Q1363
Lab Sample ID:	Q1363-06MSD	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044973.D	1		02/14/25 19:43	VX021425

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

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33D-021225MSD	SDG No.:	Q1363
Lab Sample ID:	Q1363-06MSD	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044973.D	1		02/14/25 19:43	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	56.5		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	55.8		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	58.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	330		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	59.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	57.8		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	54.8		0.25	1.00	ug/L
108-90-7	Chlorobenzene	54.0		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	54.2		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.31	2.00	ug/L
95-47-6	o-Xylene	52.3		0.14	1.00	ug/L
100-42-5	Styrene	56.6		0.16	1.00	ug/L
75-25-2	Bromoform	57.2		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	50.1		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	51.4		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	51.4		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	51.7		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	52.4		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	56.5		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	54.6		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	54.8		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.8		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	55.6		75 - 124	111%	SPK: 50
2037-26-5	Toluene-d8	54.5		86 - 113	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.6		77 - 121	117%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	87400	5.544			
540-36-3	1,4-Difluorobenzene	163000	6.757			
3114-55-4	Chlorobenzene-d5	149000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	71500	12.018			

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Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	02/12/25
Project:	REAC Commodore	Date Received:	02/13/25
Client Sample ID:	MW-33D-021225MSD	SDG No.:	Q1363
Lab Sample ID:	Q1363-06MSD	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044973.D	1		02/14/25 19:43	VX021425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Alliance TECHNICAL GROUP
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG No.: Q1363

Instrument ID: MSVOA_X Calibration Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:25 12:28

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX044868.D RRF005 = VX044869.D RRF020 = VX044870.D
RRF050 = VX044871.D RRF100 = VX044872.D RRF150 = VX044873.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.723	0.669	0.716	0.700	0.706	0.693	0.701	2.7
Chloromethane	0.958	0.860	0.862	0.843	0.805	0.793	0.854	6.9
Vinyl Chloride	0.839	0.846	0.847	0.808	0.807	0.814	0.827	2.3
Bromomethane		0.248	0.252	0.249	0.242	0.246	0.247	1.4
Chloroethane	0.500	0.288	0.280	0.341	0.249	0.181	0.307	35.4
Trichlorofluoromethane	1.062	1.066	1.096	1.029	1.013	1.008	1.046	3.3
1,1,2-Trichlorotrifluoroethane	0.583	0.647	0.668	0.626	0.631	0.637	0.632	4.5
1,1-Dichloroethene	0.647	0.639	0.661	0.630	0.632	0.657	0.644	2
Acetone	0.305	0.292	0.298	0.293	0.285	0.292	0.294	2.3
Carbon Disulfide	1.689	1.732	1.786	1.762	1.789	1.846	1.767	3
Methyl tert-butyl Ether	1.941	2.065	2.130	2.046	2.011	2.110	2.050	3.4
Methyl Acetate	0.882	0.901	0.926	0.946	0.922	0.995	0.928	4.2
Methylene Chloride	0.747	0.717	0.741	0.704	0.695	0.720	0.721	2.8
trans-1,2-Dichloroethene	0.608	0.622	0.657	0.640	0.633	0.644	0.634	2.7
1,1-Dichloroethane	1.155	1.257	1.292	1.227	1.209	1.257	1.233	3.9
Cyclohexane		1.154	1.174	1.121	1.107	1.127	1.137	2.4
2-Butanone	0.422	0.472	0.504	0.506	0.477	0.487	0.478	6.4
Carbon Tetrachloride	0.457	0.466	0.478	0.453	0.445	0.459	0.460	2.4
cis-1,2-Dichloroethene	0.680	0.783	0.812	0.758	0.758	0.779	0.762	5.9
Bromochloromethane	0.634	0.579	0.607	0.584	0.572	0.579	0.593	4
Chloroform	1.167	1.209	1.268	1.169	1.153	1.208	1.196	3.5
1,1,1-Trichloroethane	1.014	1.003	1.051	1.005	0.984	1.028	1.014	2.3
Methylcyclohexane	0.509	0.571	0.667	0.622	0.634	0.635	0.606	9.4
Benzene	1.370	1.488	1.577	1.470	1.429	1.453	1.465	4.7
1,2-Dichloroethane	0.417	0.465	0.502	0.472	0.462	0.482	0.467	6.1
Trichloroethene	0.293	0.340	0.367	0.335	0.332	0.343	0.335	7.2
1,2-Dichloropropane	0.343	0.354	0.389	0.367	0.360	0.372	0.364	4.3
Bromodichloromethane	0.428	0.481	0.514	0.500	0.500	0.513	0.489	6.6
4-Methyl-2-Pentanone	0.439	0.514	0.562	0.554	0.506	0.498	0.512	8.6
Toluene	0.776	0.872	0.957	0.898	0.866	0.864	0.872	6.7

* 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.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG No.: Q1363

Instrument ID: MSVOA_X Calibration Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:25 12:28

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX044868.D RRF005 = VX044869.D RRF020 = VX044870.D
RRF050 = VX044871.D RRF100 = VX044872.D RRF150 = VX044873.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.417	0.451	0.518	0.514	0.528	0.543	0.495	10
cis-1,3-Dichloropropene	0.452	0.511	0.587	0.577	0.587	0.599	0.552	10.5
1,1,2-Trichloroethane	0.307	0.342	0.362	0.341	0.331	0.329	0.335	5.4
2-Hexanone	0.313	0.360	0.406	0.404	0.369	0.362	0.369	9.3
Dibromochloromethane	0.317	0.342	0.381	0.373	0.368	0.370	0.359	6.7
1,2-Dibromoethane	0.302	0.330	0.367	0.350	0.345	0.345	0.340	6.5
Tetrachloroethene	0.306	0.311	0.343	0.310	0.307	0.314	0.315	4.4
Chlorobenzene	0.969	1.093	1.140	1.096	1.071	1.076	1.074	5.3
Ethyl Benzene	1.690	1.873	2.021	1.935	1.923	1.929	1.895	5.9
m/p-Xylenes	0.616	0.700	0.754	0.724	0.706	0.694	0.699	6.6
o-Xylene	0.661	0.721	0.747	0.707	0.691	0.681	0.701	4.4
Styrene	0.909	1.124	1.249	1.199	1.161	1.139	1.130	10.4
Bromoform	0.186	0.247	0.272	0.280	0.276	0.287	0.258	14.7
Isopropylbenzene	3.735	4.012	4.347	4.045	3.940	4.076	4.026	4.9
1,1,2,2-Tetrachloroethane	1.429	1.403	1.438	1.366	1.305	1.360	1.383	3.6
1,3-Dichlorobenzene	1.616	1.669	1.741	1.679	1.663	1.703	1.678	2.5
1,4-Dichlorobenzene	1.662	1.712	1.762	1.686	1.660	1.701	1.697	2.2
1,2-Dichlorobenzene	1.512	1.713	1.763	1.666	1.604	1.639	1.650	5.3
1,2-Dibromo-3-Chloropropane	0.202	0.236	0.268	0.258	0.261	0.289	0.252	11.9
1,2,4-Trichlorobenzene	0.860	0.934	1.013	1.013	1.057	1.112	0.998	9
1,2,3-Trichlorobenzene	0.858	0.952	1.042	1.031	1.043	1.109	1.006	8.7
1,2-Dichloroethane-d4		0.764	0.718	0.723	0.707	0.747	0.732	3.2
Dibromofluoromethane		0.335	0.322	0.320	0.320	0.328	0.325	2
Toluene-d8		1.239	1.249	1.239	1.208	1.212	1.229	1.5
4-Bromofluorobenzene		0.404	0.410	0.431	0.415	0.412	0.414	2.5

* 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.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG No.: Q1363

Instrument ID: MSVOA_X Calibration Date/Time: 02/14/2025 10:04

Lab File ID: VX044948.D Init. Calib. Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:25 12:28

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.701	0.746		6.42	20
Chloromethane	0.854	0.855	0.1	0.12	20
Vinyl Chloride	0.827	0.803		-2.9	20
Bromomethane	0.247	0.285		15.39	20
Chloroethane	0.307	0.432		40.72	20
Trichlorofluoromethane	1.046	1.097		4.88	20
1,1,2-Trichlorotrifluoroethane	0.632	0.656		3.8	20
1,1-Dichloroethene	0.644	0.637		-1.09	20
Acetone	0.294	0.310		5.44	20
Carbon Disulfide	1.767	1.631		-7.7	20
Methyl tert-butyl Ether	2.050	2.063		0.63	20
Methyl Acetate	0.928	0.982		5.82	20
Methylene Chloride	0.721	0.709		-1.66	20
trans-1,2-Dichloroethene	0.634	0.627		-1.1	20
1,1-Dichloroethane	1.233	1.248	0.1	1.22	20
Cyclohexane	1.137	1.103		-2.99	20
2-Butanone	0.478	0.507		6.07	20
Carbon Tetrachloride	0.460	0.493		7.17	20
cis-1,2-Dichloroethene	0.762	0.762		0	20
Bromochloromethane	0.593	0.594		0.17	20
Chloroform	1.196	1.212		1.34	20
1,1,1-Trichloroethane	1.014	1.027		1.28	20
Methylcyclohexane	0.606	0.650		7.26	20
Benzene	1.465	1.515		3.41	20
1,2-Dichloroethane	0.467	0.510		9.21	20
Trichloroethene	0.335	0.353		5.37	20
1,2-Dichloropropane	0.364	0.380		4.4	20
Bromodichloromethane	0.489	0.537		9.82	20
4-Methyl-2-Pentanone	0.512	0.589		15.04	20
Toluene	0.872	0.912		4.59	20
t-1,3-Dichloropropene	0.495	0.526		6.26	20
cis-1,3-Dichloropropene	0.552	0.593		7.43	20
1,1,2-Trichloroethane	0.335	0.359		7.16	20
2-Hexanone	0.369	0.430		16.53	20
Dibromochloromethane	0.359	0.395		10.03	20
1,2-Dibromoethane	0.340	0.361		6.18	20
Tetrachloroethene	0.315	0.332		5.4	20
Chlorobenzene	1.074	1.118	0.3	4.1	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG No.: Q1363

Instrument ID: MSVOA_X Calibration Date/Time: 02/14/2025 10:04

Lab File ID: VX044948.D Init. Calib. Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:25 12:28

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.895	1.994		5.22	20
m/p-Xylenes	0.699	0.739		5.72	20
o-Xylene	0.701	0.733		4.57	20
Styrene	1.130	1.244		10.09	20
Bromoform	0.258	0.294	0.1	13.95	20
Isopropylbenzene	4.026	4.087		1.51	20
1,1,2,2-Tetrachloroethane	1.383	1.368	0.3	-1.09	20
1,3-Dichlorobenzene	1.678	1.756		4.65	20
1,4-Dichlorobenzene	1.697	1.735		2.24	20
1,2-Dichlorobenzene	1.650	1.705		3.33	20
1,2-Dibromo-3-Chloropropane	0.252	0.271		7.54	20
1,2,4-Trichlorobenzene	0.998	1.054		5.61	20
1,2,3-Trichlorobenzene	1.006	1.065		5.86	20
1,2-Dichloroethane-d4	0.732	0.726		-0.82	20
Dibromofluoromethane	0.325	0.335		3.08	20
Toluene-d8	1.229	1.231		0.16	20
4-Bromofluorobenzene	0.414	0.440		6.28	20

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG No.: Q1363

Instrument ID: MSVOA_X Calibration Date/Time: 02/18/2025 10:45

Lab File ID: VX044976.D Init. Calib. Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:25 12:28

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.701	0.674		-3.85	20
Chloromethane	0.854	0.757	0.1	-11.36	20
Vinyl Chloride	0.827	0.732		-11.49	20
Bromomethane	0.247	0.366		48.18	20
Chloroethane	0.307	0.412		34.2	20
Trichlorofluoromethane	1.046	1.004		-4.01	20
1,1,2-Trichlorotrifluoroethane	0.632	0.600		-5.06	20
1,1-Dichloroethene	0.644	0.581		-9.78	20
Acetone	0.294	0.280		-4.76	20
Carbon Disulfide	1.767	1.593		-9.85	20
Methyl tert-butyl Ether	2.050	1.970		-3.9	20
Methyl Acetate	0.928	0.940		1.29	20
Methylene Chloride	0.721	0.669		-7.21	20
trans-1,2-Dichloroethene	0.634	0.587		-7.41	20
1,1-Dichloroethane	1.233	1.162	0.1	-5.76	20
Cyclohexane	1.137	1.033		-9.15	20
2-Butanone	0.478	0.460		-3.77	20
Carbon Tetrachloride	0.460	0.461		0.22	20
cis-1,2-Dichloroethene	0.762	0.724		-4.99	20
Bromochloromethane	0.593	0.592		-0.17	20
Chloroform	1.196	1.154		-3.51	20
1,1,1-Trichloroethane	1.014	0.971		-4.24	20
Methylcyclohexane	0.606	0.612		0.99	20
Benzene	1.465	1.414		-3.48	20
1,2-Dichloroethane	0.467	0.488		4.5	20
Trichloroethene	0.335	0.335		0	20
1,2-Dichloropropane	0.364	0.366		0.55	20
Bromodichloromethane	0.489	0.514		5.11	20
4-Methyl-2-Pentanone	0.512	0.536		4.69	20
Toluene	0.872	0.862		-1.15	20
t-1,3-Dichloropropene	0.495	0.530		7.07	20
cis-1,3-Dichloropropene	0.552	0.579		4.89	20
1,1,2-Trichloroethane	0.335	0.339		1.19	20
2-Hexanone	0.369	0.395		7.05	20
Dibromochloromethane	0.359	0.386		7.52	20
1,2-Dibromoethane	0.340	0.345		1.47	20
Tetrachloroethene	0.315	0.308		-2.22	20
Chlorobenzene	1.074	1.071	0.3	-0.28	20

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1363 SAS No.: Q1363 SDG No.: Q1363

Instrument ID: MSVOA_X Calibration Date/Time: 02/18/2025 10:45

Lab File ID: VX044976.D Init. Calib. Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:25 12:28

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.895	1.877		-0.95	20
m/p-Xylenes	0.699	0.694		-0.71	20
o-Xylene	0.701	0.678		-3.28	20
Styrene	1.130	1.169		3.45	20
Bromoform	0.258	0.283	0.1	9.69	20
Isopropylbenzene	4.026	3.650		-9.34	20
1,1,2,2-Tetrachloroethane	1.383	1.259	0.3	-8.97	20
1,3-Dichlorobenzene	1.678	1.635		-2.56	20
1,4-Dichlorobenzene	1.697	1.657		-2.36	20
1,2-Dichlorobenzene	1.650	1.605		-2.73	20
1,2-Dibromo-3-Chloropropane	0.252	0.241		-4.36	20
1,2,4-Trichlorobenzene	0.998	1.051		5.31	20
1,2,3-Trichlorobenzene	1.006	1.016		0.99	20
1,2-Dichloroethane-d4	0.732	0.750		2.46	20
Dibromofluoromethane	0.325	0.345		6.15	20
Toluene-d8	1.229	1.278		3.99	20
4-Bromofluorobenzene	0.414	0.457		10.39	20

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

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. Q1363/64
QUOTE NO. Bottle ID: BJ411032
COC Number 2041699-01

6
6.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: TechLaw Consultants, Inc.
ADDRESS: 14840 Conference Center Drive
CITY Chantilly STATE: VA ZIP: 20151
ATTENTION: Jordan Hedvat
PHONE: 908-789-8900 FAX: —

CLIENT PROJECT INFORMATION

PROJECT NAME: REAC Commodore
PROJECT NO.: F00616 LOCATION: Avondale, PA
PROJECT MANAGER: J. Dziekan
e-mail: Jonathan.Dziekan@techlawconsultants.com
PHONE: 571-536-2270 FAX: —

CLIENT BILLING INFORMATION

BILL TO: See Contract PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: See Contract DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☐ EDD FORMAT REAC

ANALYSIS

02160 D
1633 (48-HR)

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

	CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRES 1	PRES 2	PRES 3	PRES 4	PRES 5	PRES 6	PRES 7	PRES 8	PRES 9
1.		MW-30D-021125	GW		/	2/11/25	1430	3	2	1							
2.		EB-01-021125	Blank		/	2/11/25	1300	3	2	1							
3.		TB-01-021125	Blank	-	-	2/11/25	1415	2	2								
4.		MW-33D-021225	GW		/	2/12/25	1145	3	2	1							
5.		MW-33D-MS-021225	GW		/	2/12/25	1145	3	2	1							
6.		MW-33D-MSD-021225	GW		/	2/12/25	1145	3	2	1							
7.		VFCC-2-021225	GW		/	2/12/25	1340	3	2	1							
8.		VFCC-3-021225	GW		/	2/12/25	1320	3	2	1							
9.		MW-33S-021225	GW		/	2/12/25	1435	3	2	1							
10.		MW-33S-FD-021225	GW		/	2/12/25	1435	3	2	1							

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.		2/12/25-1600	1. FedEX
2.		2/12/25-	2.
3.		2-13-25 9:59	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments: 1633 Analysis has 48-HR Hold
FR Gun #1

Page 1 of 2

CLIENT: ☐ Hand Delivered ☑ Other FedEX
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. Q1363/64
QUOTE NO. Bottle ID: B24110326
COC Number 2041699-01

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: TechLaw Consultants, Inc.
ADDRESS: 14840 Conference Center Drive
CITY Chantilly STATE: VA ZIP: 20151
ATTENTION: Jordan Hedvat
PHONE: 908-789-8900 FAX: —

CLIENT PROJECT INFORMATION

PROJECT NAME: REAC Commodore
PROJECT NO.: F00666 LOCATION: Audubon, PA
PROJECT MANAGER: J. Dziekan
e-mail: Jonathan.Dziekan@techlawconsultants.com
PHONE: 571-538-2270 FAX: —

CLIENT BILLING INFORMATION

BILL TO: See Contract PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: See Contract DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other _____
☑ EDD FORMAT REAC

ANALYSIS

1 8260 D
2 1633
3
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	EB-02-021225	Blank		/	2/12/25	1506	1		1								
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

Comments ← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	2/12/25 1600	1. FedEX
2.	2/12/25	2.
3.	2-13-25 9:59	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments: IR Gun #1

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

Q1363

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1363 TECH05
Client Name : TechLaw Consultants, Inc
Client Contact : Jonathan Dziekan
Invoice Name : TechLaw Consultants, Inc
Invoice Contact : Jonathan Dziekan

Order Date : 2/13/2025 10:25:00 AM
Project Name : ~~Mansfield - REAC 83150.1~~ REAC Commodore
Receive DateTime : 2/13/2025 9:59:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : Equis Region2(MEDD)
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1363-01	MW-30D-021125	Water	02/11/2025	14:30					
					VOC-TCLVOA-10		8260-Low		4 Bus. Days
Q1363-02	EB-01-021125	Water	02/11/2025	18:00					
					VOC-TCLVOA-10		8260-Low		4 Bus. Days
Q1363-03	TB-01-021125	Water	02/11/2025	14:15					
					VOC-TCLVOA-10		8260-Low		4 Bus. Days
Q1363-04	MW-33D-021225	Water	02/12/2025	11:45					
					VOC-TCLVOA-10		8260-Low		4 Bus. Days
Q1363-05	Q1363-04MS	Water	02/12/2025	11:45					
					VOC-TCLVOA-10		8260-Low		4 Bus. Days
Q1363-06	Q1363-04MSD	Water	02/12/2025	11:45					
					VOC-TCLVOA-10		8260-Low		4 Bus. Days
Q1363-07	VFCC-2-021225	Water	02/12/2025	13:40					
					VOC-TCLVOA-10		8260-Low		4 Bus. Days
Q1363-08	VFCC-3-021225	Water	02/12/2025	13:20					

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1363 TECH05
Client Name : TechLaw Consultants, Inc
Client Contact : Jonathan Dziekan
Invoice Name : TechLaw Consultants, Inc
Invoice Contact : Jonathan Dziekan

Order Date : 2/13/2025 10:25:00 AM
Project Name : ~~Mansfield - REAC 83150.1~~ REAC Commodore
Receive DateTime : 2/13/2025 9:59:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : Equis Region2(MEDD)
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260-Low		4 Bus. Days
Q1363-09	MW-33S-021225	Water	02/12/2025	14:35					
					VOC-TCLVOA-10		8260-Low		4 Bus. Days
Q1363-10	MW-33S-FD-021225	Water	02/12/2025	14:35					
					VOC-TCLVOA-10		8260-Low		4 Bus. Days
~~Q1363-11~~	~~EB-02-021225~~	~~Water~~	~~02/12/2025~~	~~15:06~~					
					~~VOC-TCLVOA-10~~		~~8260-Low~~		~~4 Bus. Days~~

Relinquished By :
Date / Time : 2-13-25 11:06

Received By :
Date / Time : 2-13-25 11:06
Storage Area : VOA Refridgerator Room