

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : 3594 E TREMONT AVE, BRONX NY

GFE LLC

58 Nokomis Ave

Lake Hiawatha, NJ - 07034

Phone No: 646-542-3465

ORDER ID : P4696

ATTENTION : Frank Galdun



Laboratory Certification ID # 20012



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1

2

3

4

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Cover Page

Order ID : P4696

Project ID : 3594 E Tremont Ave, Bronx NY

Client : GFE LLC

Lab Sample Number

P4696-01
P4696-02

Client Sample Number

IA1
SV1

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 :

N. N. Pandya

APPROVED

Date: 11/14/2024
By Nimisha Pandya, QA/QC Supervisor at 9:51 am, Nov 14, 2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

GFE LLC

Project Name: 3594 E Tremont Ave, Bronx NY

Project # N/A

Chemtech Project # P4696

Test Name: VOCMS Group2

A. Number of Samples and Date of Receipt:

2 Air samples were received on 11/04/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: TO-15 and VOCMS Group2. This data package contains results for VOCMS Group2.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_L were done using GC column RTX-1, which is 60 meters, 0.32 mm id, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator. The analysis of VOCMS Group2 was based on method TO-15.

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 RPD for {P4696-01DUP} with File ID: VL041689.D met criteria except for m/p-Xylene[200%] due to difference in results of original and DUP.

The Blank Spike met requirements for all samples .

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

The Initial Calibration met the requirements except for Naphthalene have more than 30% RSD in the Initial Calibration with dated 11/07/2024 with L Instrument but as per method two compounds as allowed to be fail.

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

Due to potential high concentration of target analytes, SV1 was initially diluted.

E. Additional Comments:



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

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 package is in compliance with the terms and conditions of the contract, both technically and for completeness, 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 N. N. Pandya

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 9:51 am, Nov 14, 2024

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: <ol style="list-style-type: none"> (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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4696

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 Custody

✓

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: 11/14/2024

Hit Summary Sheet
SW-846

SDG No.: P4696
Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	IA1							
P4696-01	IA1	Air	Benzene	0.35	J	0.29	1.60	ug/m3
P4696-01	IA1	Air	Toluene	2.75		0.41	1.88	ug/m3
P4696-01	IA1	Air	o-Xylene	0.52	J	0.52	2.17	ug/m3
P4696-01	IA1	Air	1,3,5-Trimethylbenzene	1.77	J	0.54	2.46	ug/m3
P4696-01	IA1	Air	1,2,4-Trimethylbenzene	5.90		0.39	2.46	ug/m3
			Total Voc :		11.3			
			Total Concentration:		11.3			
Client ID:	SV1							
P4696-02	SV1	Air	Heptane	2.66	J	0.90	4.10	ug/m3
P4696-02	SV1	Air	Benzene	0.93	J	0.54	3.19	ug/m3
P4696-02	SV1	Air	Toluene	5.65		0.83	3.77	ug/m3
P4696-02	SV1	Air	Tetrachloroethene	1.49		0.20	0.41	ug/m3
P4696-02	SV1	Air	m/p-Xylene	1.91	J	1.82	8.69	ug/m3
P4696-02	SV1	Air	o-Xylene	1.61	J	1.04	4.34	ug/m3
P4696-02	SV1	Air	1,3,5-Trimethylbenzene	1.87	J	1.08	4.92	ug/m3
P4696-02	SV1	Air	1,2,4-Trimethylbenzene	5.41		0.79	4.92	ug/m3
P4696-02	SV1	Air	Hexane	4.93		0.78	3.52	ug/m3
			Total Voc :		26.5			
			Total Concentration:		26.5			



SAMPLE DATA

Report of Analysis

Client:	GFE LLC	Date Collected:	11/03/24
Project:	3594 E Tremont Ave, Bronx NY	Date Received:	11/04/24
Client Sample ID:	IA1	SDG No.:	P4696
Lab Sample ID:	P4696-01	Matrix:	Air
Analytical Method:	TO-15	Test:	VOCMS Group2
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL041688.D	1		11/07/24 21:44	VL110724

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
142-82-5	Heptane	0.11	0.45	U	0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
110-82-7	Cyclohexane	0.22	0.76	U	0.76	1.72	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.10	0.47	U	0.47	2.34	ug/m3
71-43-2	Benzene	0.11	0.35	J	0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
108-88-3	Toluene	0.73	2.75		0.41	1.88	ug/m3
127-18-4	Tetrachloroethene	0.020	0.14	U	0.14	0.20	ug/m3
100-41-4	Ethyl Benzene	0.12	0.52	U	0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	0.21	0.91	U	0.91	4.34	ug/m3
95-47-6	o-Xylene	0.12	0.52	J	0.52	2.17	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.36	1.77	J	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.20	5.90		0.39	2.46	ug/m3
91-20-3	Naphthalene	0.080	0.42	U	0.42	0.52	ug/m3
110-54-3	Hexane	0.11	0.39	U	0.39	1.76	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.0			65 - 135	100%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	920000		5.182			
540-36-3	1,4-Difluorobenzene	2490000		6.645			
3114-55-4	Chlorobenzene-d5	2290000		11.45			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	11/03/24
Project:	3594 E Tremont Ave, Bronx NY	Date Received:	11/04/24
Client Sample ID:	SV1	SDG No.:	P4696
Lab Sample ID:	P4696-02	Matrix:	Air
Analytical Method:	TO-15	Test:	VOCMS Group2
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL041685.D	2		11/07/24 19:44	VL110724

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.030	0.080	U	0.080	0.15	ug/m3
142-82-5	Heptane	0.65	2.66	J	0.90	4.10	ug/m3
75-35-4	1,1-Dichloroethene	0.28	1.11	U	1.11	3.96	ug/m3
110-82-7	Cyclohexane	0.44	1.51	U	1.51	3.44	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.18	0.71	U	0.71	3.96	ug/m3
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	0.11	0.33	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.20	0.93	U	0.93	4.67	ug/m3
71-43-2	Benzene	0.29	0.93	J	0.54	3.19	ug/m3
107-06-2	1,2-Dichloroethane	0.18	0.73	U	0.73	4.05	ug/m3
79-01-6	Trichloroethene	0.030	0.16	U	0.16	0.32	ug/m3
108-88-3	Toluene	1.50	5.65		0.83	3.77	ug/m3
127-18-4	Tetrachloroethene	0.22	1.49		0.20	0.41	ug/m3
100-41-4	Ethyl Benzene	0.24	1.04	U	1.04	4.34	ug/m3
179601-23-1	m/p-Xylene	0.44	1.91	J	1.82	8.69	ug/m3
95-47-6	o-Xylene	0.37	1.61	J	1.04	4.34	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.38	1.87	J	1.08	4.92	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.10	5.41		0.79	4.92	ug/m3
91-20-3	Naphthalene	0.15	0.79	U	0.79	1.05	ug/m3
110-54-3	Hexane	1.40	4.93		0.78	3.52	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.0			65 - 135	100%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	998000		5.185			
540-36-3	1,4-Difluorobenzene	2740000		6.645			
3114-55-4	Chlorobenzene-d5	2460000		11.45			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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LAB CHRONICLE

OrderID:	P4696	OrderDate:	11/4/2024 10:31:58 AM
Client:	GFE LLC	Project:	3594 E Tremont Ave, Bronx NY
Contact:	Frank Galdun	Location:	L21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4696-01	IA1	Air	VOCMS Group2	TO-15	11/03/24		11/07/24	11/04/24
P4696-02	SV1	Air	VOCMS Group2	TO-15	11/03/24		11/07/24	11/04/24



SHIPPING DOCUMENTS

Client Contact Information				Bottle Order ID : B2410066				Courier : F. GALDUN				1 of 2 COCs																	
Client ID : GFEL01				Project ID : 129-11 Metropolitan Ave New Gardens NY				Sampler Name(s) : FRANK GALDUN				Analysis		Matrix															
Customer Name : GFE LLC Address : 58 Nokomis Ave City : Lake Hiawatha State : NJ Zip Code : 07034 Country :				Project Manager : FRANK GALDUN				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified																					
				Phone Number : 646-542-3465																									
				Fax Number : 973-334-1692																									
				Site Details: 3594 E TREMONT AVE BROX NY																									
				Analysis Turnaround Time 5 DAY				Data Package Type : RESULTS ONLY																					
				Standard : 10 business days OR				EDD Type : PDF																					
Rush (Specify): 5 Days																													
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas												
IA1	10/3/24	8:33	10:33	OVER 30	5.5	60	60	-30	-5.9	10226	10295	6 L	50	VL041543.D	1	1													
Temperature (Fahrenheit) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start				Stop				GC/MS Analyst Signature (TO-15) [Signature]							
	Ambient	Maximum	Minimum																										
Start																													
Stop																													
Pressure (Inches of Hg) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start				Stop				** Submittal of this COC indicates approval of the analysis based on existing conditions. REPORT ONLY THOSE VOCs ON ATTACHED LIST							
	Ambient	Maximum	Minimum																										
Start																													
Stop																													
Please follow the instructions on the back of this COC.																													
Special Instructions/QC Requirements & Comments :																													
Suspected Contamination: High Medium Low PID Readings: 0.0																													
Sampling site (State):																													
Quick Connector required : NO																													
Canisters Shipped by: S. GALDUN				Date/Time: 11/4/24				Canisters Received by: [Signature]				Date/Time: 11/4/24 8:15																	
Samples Relinquished by: [Signature]				Date/Time: 11/4/24				Received by: [Signature]				Date/Time:																	
Relinquished by:				Date/Time:				Received by:				Date/Time:																	

B2410066 - 2

Client Contact Information				Bottle Order ID : B2410066				Courier : F. GALDUN				2 of 2 COCs																			
Client ID : GFEL01 Project ID : 129-11 Metropolitan Ave Kew Gardens NY				Sampler Name(s) : FRANK GALDUN				Analysis				Matrix																			
Customer Name : GFE LLC Address : 58 Nokomis Ave City : Lake Hiawatha State : NJ Zip Code : 07034 Country :				Project Manager : FRANK GALDUN				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified				<div style="writing-mode: vertical-rl; transform: rotate(180deg);">Indoor/Ambient Air</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Soil Gas</div>																			
				Phone Number : 646-542-3465																											
				Fax Number : 973-334-1692																											
				Site Details: 3594 E. TREMONT AVE BRONX, NY																											
Analysis Turnaround Time 5 DAY				Standard : 10 business days OR				Data Package Type RESULTS ONLY																							
Rush (Specify): 5 Days				EDD Type : PDE																											
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SU1	11/3/24	8:32	10:52	OVER 30	0	68	68	-30	-2.2	10185	10283	6 L	50	VL041543.D	1																
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	Ambient	Maximum	Minimum																												
Start																															
Stop																															
Special Instructions/QC Requirements & Comments :																															
Suspected Contamination: High Medium Low PID Readings:																															
Sampling site (State):																															
Quick Connector required : NO																															
Canisters Shipped by: Suk					Date/Time: 11/4/24					Canisters Received by: cl					Date/Time:																
Samples Relinquished by: Suk					Date/Time: 11/4/24					Received by:					Date/Time: 11-4-24 8:15																
Relinquished by:					Date/Time:					Received by:					Date/Time:																

REQUESTED ANALYTE LIST:

PCE
TCE
cis-1,2-DCE
1,1,1-TCA
1,2-DCE
1,1-DCE
Vinyl chloride
Benzene
Toluene
Ethylbenzene
Naphthalene
Cyclohexane
2,2,4-Trimethylpentane
1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene
o-xylene
m,p-xylene
Heptane
Hexane

REQUESTED ANALYTE LIST:

PCE
TCE
cis-1,2-DCE
1,1,1-TCA
1,2-DCE
1,1-DCE
Vinyl chloride
Benzene
Toluene
Ethylbenzene
Naphthalene
Cyclohexane
2,2,4-Trimethylpentane
1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene
o-xylene
m,p-xylene
Heptane
Hexane

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

Internal Chain of Custody

Instructions: Use 1 form for each 20 samples of aliquot

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: ChemtechLocation: 284 Sheffield Street, Mountainside, NJ 7092~~MRSA~~Title: Sample CustodianField Sample Seal No. P4696Date Broken 11/4/2024Military Time Seal Broken: 08:15:00Case No.: 3594 E Tremont Ave, BronxAnalytical Parameter/Fraction: TO-15

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
P4696-01	IA1		
P4696-02	SV1		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
11-14-24	13:00	Signature <i>[Signature]</i> Printed Name <u>Cassandra Pire</u>	Signature <i>[Signature]</i> Printed Name <u>Bernard Gandy</u>	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	

Distribution: White - Original (Sent With Report) Yellow - Contractor Archive Pink - Sample Custodian - Interim Copy