

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : 64 2ND ST., BROOKLYN, NY

GFE LLC

58 Nokomis Ave

Lake Hiawatha, NJ - 07034

Phone No: 646-542-3465

ORDER ID : Q2834

ATTENTION : Frank Galdun



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q2834

Project ID : 64 2nd St., Brooklyn, NY

Client : GFE LLC

Lab Sample Number

Q2834-01
Q2834-02

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 :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:24 am, Aug 21, 2025

Date: 8/19/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

GFE LLC

Project Name: 64 2nd St., Brooklyn, NY

Project # N/A

Order ID # Q2834

Test Name: VOCMS Group2

A. Number of Samples and Date of Receipt:

2 Air sample was received on 08/12/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: 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 were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Tuning criteria met requirements.

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

E. Additional Comments:

F. Manual Integration Comments:

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



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

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_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:24 am, Aug 21, 2025

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 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 #: Q2834

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: 08/19/2025

Hit Summary Sheet
SW-846

SDG No.: Q2834
Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	IA1							
Q2834-01	IA1	Air	Heptane	1.48	J	0.70	2.05	ug/m3
Q2834-01	IA1	Air	2,2,4-Trimethylpentane	1.92	J	0.65	2.34	ug/m3
Q2834-01	IA1	Air	Benzene	0.89	J	0.26	1.60	ug/m3
Q2834-01	IA1	Air	Toluene	17.7		0.60	1.88	ug/m3
Q2834-01	IA1	Air	Tetrachloroethene	2.44		0.14	0.20	ug/m3
Q2834-01	IA1	Air	Ethyl Benzene	1.61	J	0.83	2.17	ug/m3
Q2834-01	IA1	Air	m/p-Xylene	6.95		1.78	4.34	ug/m3
Q2834-01	IA1	Air	o-Xylene	3.52		0.91	2.17	ug/m3
Q2834-01	IA1	Air	1,3,5-Trimethylbenzene	3.39		0.88	2.46	ug/m3
Q2834-01	IA1	Air	1,2,4-Trimethylbenzene	8.85		0.88	2.46	ug/m3
Q2834-01	IA1	Air	Naphthalene	1.73		0.050	0.52	ug/m3
Q2834-01	IA1	Air	Hexane	12.3		0.56	1.76	ug/m3
			Total Voc :			62.8		
			Total Concentration:			62.8		
Client ID:	SV1							
Q2834-02	SV1	Air	Heptane	7.38	J	6.97	20.5	ug/m3
Q2834-02	SV1	Air	Toluene	20.7		6.03	18.8	ug/m3
Q2834-02	SV1	Air	Tetrachloroethene	3.25		1.02	2.03	ug/m3
Q2834-02	SV1	Air	Hexane	45.1		5.64	17.6	ug/m3
			Total Voc :			76.5		
			Total Concentration:			76.5		



SAMPLE DATA

Report of Analysis

Client:	GFE LLC	Date Collected:	08/12/25
Project:	64 2nd St., Brooklyn, NY	Date Received:	08/12/25
Client Sample ID:	IA1	SDG No.:	Q2834
Lab Sample ID:	Q2834-01	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
VL042861.D	1		08/13/25 20:49	VL081325

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	0.080	ug/m3
142-82-5	Heptane	0.36	1.48	J	0.70	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.15	0.59	U	0.59	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	0.10	0.40	U	0.40	1.98	ug/m3
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	0.11	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.41	1.92	J	0.65	2.34	ug/m3
71-43-2	Benzene	0.28	0.89	J	0.26	1.60	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
108-88-3	Toluene	4.70	17.7		0.60	1.88	ug/m3
127-18-4	Tetrachloroethene	0.36	2.44		0.14	0.20	ug/m3
100-41-4	Ethyl Benzene	0.37	1.61	J	0.83	2.17	ug/m3
179601-23-1	m/p-Xylene	1.60	6.95		1.78	4.34	ug/m3
95-47-6	o-Xylene	0.81	3.52		0.91	2.17	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.69	3.39		0.88	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.80	8.85		0.88	2.46	ug/m3
91-20-3	Naphthalene	0.33	1.73		0.050	0.52	ug/m3
110-54-3	Hexane	3.50	12.3		0.56	1.76	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.4			65 - 135	104%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	127000		2.8			
540-36-3	1,4-Difluorobenzene	372000		3.975			
3114-55-4	Chlorobenzene-d5	316000		8.898			

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:	08/12/25
Project:	64 2nd St., Brooklyn, NY	Date Received:	08/12/25
Client Sample ID:	SV1	SDG No.:	Q2834
Lab Sample ID:	Q2834-02	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
VL042862.D	10		08/13/25 21:26	VL081325

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.25	0.64	U	0.64	0.77	ug/m3
142-82-5	Heptane	1.80	7.38	J	6.97	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1.50	5.95	U	5.95	19.8	ug/m3
110-82-7	Cyclohexane	2.20	7.57	U	7.57	17.2	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.99	3.93	U	3.93	19.8	ug/m3
71-55-6	1,1,1-Trichloroethane	0.16	0.87	U	0.87	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	1.40	6.54	U	6.54	23.4	ug/m3
71-43-2	Benzene	0.79	2.52	U	2.52	16.0	ug/m3
79-01-6	Trichloroethene	0.24	1.29	U	1.29	1.61	ug/m3
108-88-3	Toluene	5.50	20.7		6.03	18.8	ug/m3
127-18-4	Tetrachloroethene	0.48	3.25		1.02	2.03	ug/m3
100-41-4	Ethyl Benzene	1.90	8.25	U	8.25	21.7	ug/m3
179601-23-1	m/p-Xylene	4.10	17.8	U	17.8	43.4	ug/m3
95-47-6	o-Xylene	2.10	9.12	U	9.12	21.7	ug/m3
108-67-8	1,3,5-Trimethylbenzene	1.80	8.85	U	8.85	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.80	8.85	U	8.85	24.6	ug/m3
91-20-3	Naphthalene	0.13	0.68	U	0.68	5.24	ug/m3
110-54-3	Hexane	12.8	45.1		5.64	17.6	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.2			65 - 135	102%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	127000		2.793			
540-36-3	1,4-Difluorobenzene	384000		3.968			
3114-55-4	Chlorobenzene-d5	329000		8.891			

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Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	64 2nd St., Brooklyn, NY	Date Received:	
Client Sample ID:	IA1DUP	SDG No.:	Q2834
Lab Sample ID:	Q2794-01DUP	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
VL042856.D	1		08/13/25 17:43	VL081325

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	0.080	ug/m3
142-82-5	Heptane	1.60	6.56		0.70	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.15	0.59	U	0.59	1.98	ug/m3
110-82-7	Cyclohexane	1.00	3.44		0.76	1.72	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	0.40	1.98	ug/m3
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	0.11	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	2.30	10.7		0.65	2.34	ug/m3
71-43-2	Benzene	1.30	4.15		0.26	1.60	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
108-88-3	Toluene	11.0	41.5		0.60	1.88	ug/m3
127-18-4	Tetrachloroethene	0.050	0.34		0.14	0.20	ug/m3
100-41-4	Ethyl Benzene	1.70	7.38		0.83	2.17	ug/m3
179601-23-1	m/p-Xylene	5.40	23.5		1.78	4.34	ug/m3
95-47-6	o-Xylene	2.10	9.12		0.91	2.17	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.49	2.41	J	0.88	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.80	8.85		0.88	2.46	ug/m3
91-20-3	Naphthalene	1.10	5.77		0.050	0.52	ug/m3
110-54-3	Hexane	2.40	8.46		0.56	1.76	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.3			65 - 135	103%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	128000			2.793		
540-36-3	1,4-Difluorobenzene	393000			3.972		
3114-55-4	Chlorobenzene-d5	335000			8.895		

U = Not Detected

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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

LAB CHRONICLE

OrderID:	Q2834	OrderDate:	8/12/2025 11:20:00 AM
Client:	GFE LLC	Project:	64 2nd St., Brooklyn, NY
Contact:	Frank Galdun	Location:	--Select--,Air Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2834-01	IA1	Air	VOCMS Group2	TO-15	08/12/25		08/13/25	08/12/25
Q2834-02	SV1	Air	VOCMS Group2	TO-15	08/12/25		08/13/25	08/12/25



SHIPPING DOCUMENTS

B2508016 - 5

Q2834

Date

PCE

TCE

CIS-1,2-DCE

1,1-DCE

1,1,1-TCA

VINYL CHLORIDE

BENZENE

ETHYLBENZENE

NAPHTHALENE

CYCLOHEXANE

2,2,4-TRIMETHYLPENTANE

1,2,4-TRIMETHYLBENZENE

1,3,5-TRIMETHYLBENZENE

O-XYLENE

M,P-XYLENE

HEPTANE

HEXANE

TOLUENE

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

DEP-077
Rev. 3/04

New Jersey Department of Environmental Protection

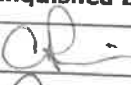
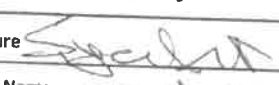
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Internal Chain of Custody

Instructions: Use 1 form for each 20 samples of aliquot

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample			
Laboratory: <u>Chemtech</u>		Location: <u>284 Sheffield Street, Mountainside, NJ 7092</u>	
NAME: <u>QAFB</u>		Title: <u>Sample Custodian</u>	
Field Sample Seal No. <u>Q2834</u>		Date Broken: <u>8/12/2025</u>	Military Time Seal Broken: <u>10:52:00</u>
Case No.: <u>64 2nd St., Brooklyn, NY</u>		Analytical Parameter/Fraction: <u>TO-15</u>	

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
Q2834-01	IA1		
Q2834-02	SV1		

Date	Time	Relinquished By		Received By		Purpose of Change of Custody
8/12/25	12:00	Signature		Signature		
		Printed Name	<u>Eric</u>	Printed Name	<u>Sample Custodian</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		
		Signature		Signature		
		Printed Name		Printed Name		

Distribution: White - Original (Sent With Report)

Yellow - Contractor Archive

Pink - Sample Custodian - Interim Copy