

LAB CHRONICLE

OrderID:	Q2592	OrderDate:	7/11/2025 3:05:25 PM
Client:	PARSONS Engineering of New York, Inc.	Project:	Con Edison - East River Site 2
Contact:	Zohar Lavy	Location:	D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2592-01	WC-SOIL-20250711	SOIL	VOCMS Group1	8260D	07/11/25		07/14/25	07/11/25
Q2592-02	WC-SOIL-20250711	TCLP	TCLP VOA	8260D	07/11/25		07/16/25	07/11/25



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

Hit Summary Sheet
SW-846

SDG No.: Q2592
Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:				0				
Total Voc :								
Total Concentration:								



SAMPLE DATA

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	07/11/25	
Project:	Con Edison - East River Site 2		Date Received:	07/11/25	
Client Sample ID:	WC-SOIL-20250711		SDG No.:	Q2592	
Lab Sample ID:	Q2592-02		Matrix:	TCLP	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :	SW5035				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047025.D	1	07/16/25 13:20	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
78-93-3	2-Butanone	25.0	UQ	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	51.0		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.8		77 - 121	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	433000	5.562			
540-36-3	1,4-Difluorobenzene	775000	6.769			
3114-55-4	Chlorobenzene-d5	743000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	381000	12.018			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2592-02	WC-SOIL-20250711	1,2-Dichloroethane-d4	50	53.3	107		74	125
		Dibromofluoromethane	50	47.8	96		75	124
		Toluene-d8	50	51.0	102		86	113
		4-Bromofluorobenzene	50	55.8	112		77	121
VX0716WBL01	VX0716WBL01	1,2-Dichloroethane-d4	50	53.6	107		74	125
		Dibromofluoromethane	50	49.5	99		75	124
		Toluene-d8	50	48.1	96		86	113
		4-Bromofluorobenzene	50	52.5	105		77	121
VX0716WBS01	VX0716WBS01	1,2-Dichloroethane-d4	50	52.4	105		74	125
		Dibromofluoromethane	50	48.8	98		75	124
		Toluene-d8	50	48.1	96		86	113
		4-Bromofluorobenzene	50	52.0	104		77	121
VX0716WBSD0	VX0716WBSD01	1,2-Dichloroethane-d4	50	55.4	111		74	125
		Dibromofluoromethane	50	50.2	100		75	124
		Toluene-d8	50	48.0	96		86	113
		4-Bromofluorobenzene	50	52.0	104		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2592</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>PARSONS Engineering of New York, I</u>	Datafile :	<u>VX047022.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VX0716WBS01	Vinyl chloride	20	16.6	ug/L	83			65	117	
	1,1-Dichloroethene	20	17.7	ug/L	89			74	110	
	2-Butanone	100	140	ug/L	140		*	65	122	
	Carbon Tetrachloride	20	18.4	ug/L	92			77	113	
	Chloroform	20	20.0	ug/L	100			79	113	
	Benzene	20	18.5	ug/L	93			82	109	
	1,2-Dichloroethane	20	20.1	ug/L	101			80	115	
	Trichloroethene	20	17.6	ug/L	88			77	113	
	Tetrachloroethene	20	17.5	ug/L	88			67	123	
	Chlorobenzene	20	19.0	ug/L	95			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2592 Analytical Method: SW8260D
Client: PARSONS Engineering of New York, I Datafile : VX047023.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0716WBSD01	Vinyl chloride	20	17.0	ug/L	85	2		65	117	19
	1,1-Dichloroethene	20	17.9	ug/L	90	1		74	110	20
	2-Butanone	100	150	ug/L	150	7	*	65	122	26
	Carbon Tetrachloride	20	18.3	ug/L	92	0		77	113	15
	Chloroform	20	20.7	ug/L	104	4		79	113	20
	Benzene	20	18.5	ug/L	93	0		82	109	15
	1,2-Dichloroethane	20	20.8	ug/L	104	3		80	115	20
	Trichloroethene	20	17.5	ug/L	88	0		77	113	15
	Tetrachloroethene	20	17.6	ug/L	88	0		67	123	15
	Chlorobenzene	20	19.3	ug/L	97	2		82	109	15

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0716WBL01

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab File ID: VX047018.D

Lab Sample ID: VX0716WBL01

Date Analyzed: 07/16/2025

Time Analyzed: 10:34

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
VX0716WBS01	VX0716WBS01	VX047022.D	07/16/2025
VX0716WBSD01	VX0716WBSD01	VX047023.D	07/16/2025
WC-SOIL-20250711	Q2592-02	VX047025.D	07/16/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab File ID: VX046859.D

BFB Injection Date: 07/02/2025

Instrument ID: MSVOA_X

BFB Injection Time: 11:12

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	18.2
75	30.0 - 60.0% of mass 95	50.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	75.5
175	5.0 - 9.0% of mass 174	5.6 (7.4) 1
176	95.0 - 101.0% of mass 174	73.3 (97.1) 1
177	5.0 - 9.0% of mass 176	4.9 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX046860.D	07/02/2025	12:11
VSTDIC005	VSTDIC005	VX046861.D	07/02/2025	12:37
VSTDIC020	VSTDIC020	VX046862.D	07/02/2025	13:18
VSTDIC050	VSTDIC050	VX046863.D	07/02/2025	13:39
VSTDIC100	VSTDIC100	VX046864.D	07/02/2025	14:10
VSTDIC150	VSTDIC150	VX046865.D	07/02/2025	14:31

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab File ID: VX047015.D

BFB Injection Date: 07/16/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:58

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	51.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	72
175	5.0 - 9.0% of mass 174	5.4 (7.6) 1
176	95.0 - 101.0% of mass 174	69.2 (96.1) 1
177	5.0 - 9.0% of mass 176	4.6 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047016.D	07/16/2025	09:26
VX0716WBL01	VX0716WBL01	VX047018.D	07/16/2025	10:34
VX0716WBS01	VX0716WBS01	VX047022.D	07/16/2025	12:11
VX0716WBSD01	VX0716WBSD01	VX047023.D	07/16/2025	12:38
WC-SOIL-20250711	Q2592-02	VX047025.D	07/16/2025	13:20

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: PARS02
 Lab Code: ACE SDG NO.: Q2592
 Lab File ID: VX047016.D Date Analyzed: 07/16/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:26
 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	329194	5.56	557691	6.76	489553	10.06
UPPER LIMIT	658388	6.056	1115380	7.263	979106	10.555
LOWER LIMIT	164597	5.056	278846	6.263	244777	9.555
EPA SAMPLE NO.						
WC-SOIL-20250711	432741	5.56	774714	6.77	742893	10.06
VX0716WBL01	324808	5.56	553162	6.77	506524	10.06
VX0716WBS01	322183	5.57	547259	6.77	491570	10.06
VX0716WBSD01	310963	5.56	532754	6.77	475577	10.06

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>PARS02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2592</u>
Lab File ID:	<u>VX047016.D</u>	Date Analyzed:	<u>07/16/2025</u>
Instrument ID:	<u>MSVOA_X</u>	Time Analyzed:	<u>09:26</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	242580	12.018				
UPPER LIMIT	485160	12.518				
LOWER LIMIT	121290	11.518				
EPA SAMPLE NO.						
WC-SOIL-20250711	381197	12.02				
VX0716WBL01	262675	12.02				
VX0716WBS01	246550	12.02				
VX0716WBSD01	244320	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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	
Project:	Con Edison - East River Site 2		Date Received:	
Client Sample ID:	VX0716WBL01		SDG No.:	Q2592
Lab Sample ID:	VX0716WBL01		Matrix:	TCLP
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047018.D	1	07/16/25 10:34	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.6		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	48.1		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	325000	5.562			
540-36-3	1,4-Difluorobenzene	553000	6.769			
3114-55-4	Chlorobenzene-d5	507000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	263000	12.018			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	
Project:	Con Edison - East River Site 2		Date Received:	
Client Sample ID:	VX0716WBS01		SDG No.:	Q2592
Lab Sample ID:	VX0716WBS01		Matrix:	TCLP
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047022.D	1	07/16/25 12:11	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	16.6		0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	17.7		0.23	5.00	ug/L
78-93-3	2-Butanone	140		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	18.4		0.25	5.00	ug/L
67-66-3	Chloroform	20.0		0.25	5.00	ug/L
71-43-2	Benzene	18.5		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	20.1		0.22	5.00	ug/L
79-01-6	Trichloroethene	17.6		0.090	5.00	ug/L
127-18-4	Tetrachloroethene	17.5		0.23	5.00	ug/L
108-90-7	Chlorobenzene	19.0		0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	48.1		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	322000	5.568			
540-36-3	1,4-Difluorobenzene	547000	6.769			
3114-55-4	Chlorobenzene-d5	492000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	247000	12.018			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	
Project:	Con Edison - East River Site 2		Date Received:	
Client Sample ID:	VX0716WBSD01		SDG No.:	Q2592
Lab Sample ID:	VX0716WBSD01		Matrix:	TCLP
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047023.D	1	07/16/25 12:38	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	17.0		0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	17.9		0.23	5.00	ug/L
78-93-3	2-Butanone	150		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	18.3		0.25	5.00	ug/L
67-66-3	Chloroform	20.7		0.25	5.00	ug/L
71-43-2	Benzene	18.5		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	20.8		0.22	5.00	ug/L
79-01-6	Trichloroethene	17.5		0.090	5.00	ug/L
127-18-4	Tetrachloroethene	17.6		0.23	5.00	ug/L
108-90-7	Chlorobenzene	19.3		0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.4		74 - 125	111%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.0		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	311000	5.562			
540-36-3	1,4-Difluorobenzene	533000	6.769			
3114-55-4	Chlorobenzene-d5	476000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	244000	12.018			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name:	<u>Alliance</u>	Contract:	<u>PARS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2592</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date(s):	<u>07/02/2025</u> <u>07/02/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Calibration Time(s):	<u>12:11</u> <u>14:31</u>
GC Column:	<u>DB-624UI</u> ID: <u>0.18</u> (mm)		

LAB FILE ID:		RRF001 = VX046860.D		RRF005 = VX046861.D		RRF020 = VX046862.D		
		RRF050 = VX046863.D		RRF100 = VX046864.D		RRF150 = VX046865.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Vinyl Chloride	0.568	0.549	0.591	0.550	0.589	0.566	0.569	3.2
1,1-Dichloroethene	0.543	0.555	0.546	0.524	0.546	0.540	0.542	1.9
2-Butanone	0.260	0.270	0.275	0.275	0.276	0.286	0.274	3.1
Carbon Tetrachloride	0.471	0.505	0.495	0.476	0.480	0.478	0.484	2.7
Chloroform	1.150	1.106	1.112	1.048	1.052	1.050	1.087	3.9
Benzene	1.391	1.445	1.452	1.356	1.342	1.324	1.385	3.9
1,2-Dichloroethane	0.499	0.477	0.487	0.460	0.453	0.446	0.470	4.4
Trichloroethene	0.386	0.377	0.365	0.344	0.347	0.344	0.361	5
Tetrachloroethene	0.353	0.346	0.345	0.315	0.320	0.318	0.333	5.1
Chlorobenzene	1.111	1.117	1.113	1.049	1.051	1.045	1.081	3.3
1,2-Dichloroethane-d4		0.722	0.652	0.647	0.641	0.640	0.661	5.3
Dibromofluoromethane		0.355	0.346	0.339	0.332	0.325	0.339	3.5
Toluene-d8		1.278	1.220	1.195	1.160	1.135	1.197	4.6
4-Bromofluorobenzene		0.493	0.469	0.455	0.433	0.426	0.455	6

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>PARS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2592</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>07/16/2025</u> <u>09:26</u>
Lab File ID:	<u>VX047016.D</u>	Init. Calib. Date(s):	<u>07/02/2025</u> <u>07/02/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:11</u> <u>14:31</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.569	0.550		-3.34	20
1,1-Dichloroethene	0.542	0.535		-1.29	20
2-Butanone	0.274	0.363		32.48	20
Carbon Tetrachloride	0.484	0.468		-3.31	20
Chloroform	1.087	1.131		4.05	20
Benzene	1.385	1.335		-3.61	20
1,2-Dichloroethane	0.470	0.485		3.19	20
Trichloroethene	0.361	0.334		-7.48	20
Tetrachloroethene	0.333	0.298		-10.51	20
Chlorobenzene	1.081	1.054	0.3	-2.5	20
1,2-Dichloroethane-d4	0.661	0.692		4.69	20
Dibromofluoromethane	0.339	0.335		-1.18	20
Toluene-d8	1.197	1.120		-6.43	20
4-Bromofluorobenzene	0.455	0.448		-1.54	20

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