

LAB CHRONICLE

OrderID:	Q3321	OrderDate:	10/9/2025 10:30:00 AM
Client:	Weston Solutions, Inc.	Project:	RFP 918
Contact:	Smita Sumbaly	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3321-01	P001-DS-01	SOIL	VOC-TCLVOA-10	8260D	10/08/25		10/09/25	10/09/25
Q3321-02	P001-DS-01	TCLP	TCLP VOA	8260D	10/08/25		10/13/25	10/09/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3321
Client: Weston Solutions, 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: Weston Solutions, Inc.
Project: RFP 918
Client Sample ID: P001-DS-01
Lab Sample ID: Q3321-02
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/08/25
Date Received: 10/09/25
SDG No.: Q3321
Matrix: TCLP
% Solid: 0
Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	5.00	ug/L	10/13/25 15:30	VX101325
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	5.00	ug/L	10/13/25 15:30	VX101325
78-93-3	2-Butanone	0.98	U	1	0.98	25.0	ug/L	10/13/25 15:30	VX101325
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	5.00	ug/L	10/13/25 15:30	VX101325
67-66-3	Chloroform	0.25	U	1	0.25	5.00	ug/L	10/13/25 15:30	VX101325
71-43-2	Benzene	0.15	U	1	0.15	5.00	ug/L	10/13/25 15:30	VX101325
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	5.00	ug/L	10/13/25 15:30	VX101325
79-01-6	Trichloroethene	0.090	U	1	0.090	5.00	ug/L	10/13/25 15:30	VX101325
127-18-4	Tetrachloroethene	0.23	U	1	0.23	5.00	ug/L	10/13/25 15:30	VX101325
108-90-7	Chlorobenzene	0.12	U	1	0.12	5.00	ug/L	10/13/25 15:30	VX101325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.5			74 - 12	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.5			75 - 12	103%	SPK: 50		
2037-26-5	Toluene-d8	50.6			86 - 11	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.3			77 - 12	115%	SPK: 50		
INTERNAL STANDARDS									
		Area							
363-72-4	Pentafluorobenzene	125000							
540-36-3	1,4-Difluorobenzene	262000							
3114-55-4	Chlorobenzene-d5	278000							
3855-82-1	1,4-Dichlorobenzene-d4	141000							

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.: Q3321

Client: Weston Solutions, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3321-02	P001-DS-01	1,2-Dichloroethane-d4	50	56.5	113		74	125
		Dibromofluoromethane	50	51.5	103		75	124
		Toluene-d8	50	50.6	101		86	113
		4-Bromofluorobenzene	50	57.3	115		77	121

Surrogate Summary

SDG No.: Q3321

Client: Weston Solutions, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VX1013WBL01	VX1013WBL01	1,2-Dichloroethane-d4	50	49.8	100		74	125
		Dibromofluoromethane	50	48.9	98		75	124
		Toluene-d8	50	48.3	97		86	113
		4-Bromofluorobenzene	50	54.5	109		77	121
VX1013WBS01	VX1013WBS01	1,2-Dichloroethane-d4	50	50.5	101		74	125
		Dibromofluoromethane	50	55.6	111		75	124
		Toluene-d8	50	53.9	108		86	113
		4-Bromofluorobenzene	50	54.8	110		77	121
VX1013WBSD0	VX1013WBSD01	1,2-Dichloroethane-d4	50	49.6	99		74	125
		Dibromofluoromethane	50	55.8	112		75	124
		Toluene-d8	50	53.9	108		86	113
		4-Bromofluorobenzene	50	55.0	110		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3321</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Weston Solutions, Inc.</u>	Datafile :	<u>VX048129.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VX1013WBS01	Vinyl chloride	20	20.0	ug/L	100			65	117	
	1,1-Dichloroethene	20	19.4	ug/L	97			74	110	
	2-Butanone	100	77.9	ug/L	78			65	122	
	Carbon Tetrachloride	20	20.0	ug/L	100			77	113	
	Chloroform	20	19.1	ug/L	96			79	113	
	Benzene	20	19.8	ug/L	99			82	109	
	1,2-Dichloroethane	20	19.1	ug/L	96			80	115	
	Trichloroethene	20	20.2	ug/L	101			77	113	
	Tetrachloroethene	20	20.4	ug/L	102			67	123	
	Chlorobenzene	20	19.5	ug/L	98			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3321</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Weston Solutions, Inc.</u>	Datafile :	<u>VX048131.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VX1013WBSD01	Vinyl chloride	20	20.3	ug/L	102	2		65	117	19
	1,1-Dichloroethene	20	19.8	ug/L	99	2		74	110	20
	2-Butanone	100	83.2	ug/L	83	6		65	122	26
	Carbon Tetrachloride	20	21.5	ug/L	108	8		77	113	15
	Chloroform	20	19.7	ug/L	99	3		79	113	20
	Benzene	20	20.5	ug/L	103	4		82	109	15
	1,2-Dichloroethane	20	20.0	ug/L	100	4		80	115	20
	Trichloroethene	20	21.0	ug/L	105	4		77	113	15
	Tetrachloroethene	20	21.2	ug/L	106	4		67	123	15
	Chlorobenzene	20	20.0	ug/L	100	2		82	109	15

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1013WBL01

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Lab File ID: VX048128.D

Lab Sample ID: VX1013WBL01

Date Analyzed: 10/13/2025

Time Analyzed: 09:46

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
VX1013WBS01	VX1013WBS01	VX048129.D	10/13/2025
VX1013WBSD01	VX1013WBSD01	VX048131.D	10/13/2025
P001-DS-01	Q3321-02	VX048143.D	10/13/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VX047584.D
Instrument ID: MSVOA_X
GC Column: DB-624UI ID: 0.18 (mm)

Contract: ROYF02
SDG NO.: Q3321
BFB Injection Date: 09/16/2025
BFB Injection Time: 08:56
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20
75	30.0 - 60.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	66.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 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	VX047585.D	09/16/2025	09:23
VSTDIC005	VSTDIC005	VX047586.D	09/16/2025	10:16
VSTDIC020	VSTDIC020	VX047587.D	09/16/2025	10:37
VSTDIC050	VSTDIC050	VX047588.D	09/16/2025	10:58
VSTDIC100	VSTDIC100	VX047589.D	09/16/2025	11:40
VSTDIC150	VSTDIC150	VX047590.D	09/16/2025	12:01

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Lab File ID: VX048125.D

BFB Injection Date: 10/13/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:13

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	52.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.9 (1.3) 1
174	50.0 - 100.0% of mass 95	68.4
175	5.0 - 9.0% of mass 174	5.3 (7.8) 1
176	95.0 - 101.0% of mass 174	66.7 (97.5) 1
177	5.0 - 9.0% of mass 176	4.6 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048126.D	10/13/2025	08:55
VX1013WBL01	VX1013WBL01	VX048128.D	10/13/2025	09:46
VX1013WBS01	VX1013WBS01	VX048129.D	10/13/2025	10:43
VX1013WBSD01	VX1013WBSD01	VX048131.D	10/13/2025	11:24
P001-DS-01	Q3321-02	VX048143.D	10/13/2025	15:30

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ROYF02
 Lab Code: ACE SDG NO.: Q3321
 Lab File ID: VX048126.D Date Analyzed: 10/13/2025
 Instrument ID: MSVOA_X Time Analyzed: 08:55
 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	154232	5.53	259451	6.74	223200	10.04
UPPER LIMIT	308464	6.025	518902	7.239	446400	10.537
LOWER LIMIT	77116	5.025	129726	6.239	111600	9.537
EPA SAMPLE NO.						
P001-DS-01	125413	5.54	262380	6.75	277983	10.04
VX1013WBL01	171399	5.54	348950	6.75	354107	10.04
VX1013WBS01	148350	5.53	252959	6.74	229883	10.04
VX1013WBSD01	139496	5.54	233746	6.75	212533	10.04

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: Alliance Contract: ROYF02
 Lab Code: ACE SDG NO.: Q3321
 Lab File ID: VX048126.D Date Analyzed: 10/13/2025
 Instrument ID: MSVOA_X Time Analyzed: 08:55
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	109642	12				
UPPER LIMIT	219284	12.5				
LOWER LIMIT	54821	11.5				
EPA SAMPLE NO.						
P001-DS-01	140622	12.01				
VX1013WBL01	171429	12.01				
VX1013WBS01	119033	12.00				
VX1013WBSD01	110079	12.01				

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: Weston Solutions, Inc.
Project: RFP 918
Client Sample ID: VX1013WBL01
Lab Sample ID: VX1013WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3321
Matrix: TCLP
% Solid: 0
Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	10/13/25 09:46	VX101325
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/13/25 09:46	VX101325
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	10/13/25 09:46	VX101325
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	10/13/25 09:46	VX101325
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	10/13/25 09:46	VX101325
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	10/13/25 09:46	VX101325
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	10/13/25 09:46	VX101325
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	10/13/25 09:46	VX101325
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	10/13/25 09:46	VX101325
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	10/13/25 09:46	VX101325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.8			74 - 12	100%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.9			75 - 12	98%	SPK: 50		
2037-26-5	Toluene-d8	48.3			86 - 11	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.5			77 - 12	109%	SPK: 50		
INTERNAL STANDARDS									
		Area							
363-72-4	Pentafluorobenzene	171000							
540-36-3	1,4-Difluorobenzene	349000							
3114-55-4	Chlorobenzene-d5	354000							
3855-82-1	1,4-Dichlorobenzene-d4	171000							

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: Weston Solutions, Inc.
Project: RFP 918
Client Sample ID: VX1013WBS01
Lab Sample ID: VX1013WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3321
Matrix: TCLP
% Solid: 0
Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	20.0		1	0.26	1.00	ug/L	10/13/25 10:43	VX101325
75-35-4	1,1-Dichloroethene	19.4		1	0.23	1.00	ug/L	10/13/25 10:43	VX101325
78-93-3	2-Butanone	77.9		1	0.98	5.00	ug/L	10/13/25 10:43	VX101325
56-23-5	Carbon Tetrachloride	20.0		1	0.25	1.00	ug/L	10/13/25 10:43	VX101325
67-66-3	Chloroform	19.1		1	0.25	1.00	ug/L	10/13/25 10:43	VX101325
71-43-2	Benzene	19.8		1	0.15	1.00	ug/L	10/13/25 10:43	VX101325
107-06-2	1,2-Dichloroethane	19.1		1	0.22	1.00	ug/L	10/13/25 10:43	VX101325
79-01-6	Trichloroethene	20.2		1	0.090	1.00	ug/L	10/13/25 10:43	VX101325
127-18-4	Tetrachloroethene	20.4		1	0.23	1.00	ug/L	10/13/25 10:43	VX101325
108-90-7	Chlorobenzene	19.5		1	0.12	1.00	ug/L	10/13/25 10:43	VX101325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.6			74 - 12	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.6			75 - 12	111%	SPK: 50		
2037-26-5	Toluene-d8	53.9			86 - 11	108%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.8			77 - 12	110%	SPK: 50		
INTERNAL STANDARDS									
		Area							
363-72-4	Pentafluorobenzene	148000							
540-36-3	1,4-Difluorobenzene	253000							
3114-55-4	Chlorobenzene-d5	230000							
3855-82-1	1,4-Dichlorobenzene-d4	119000							

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Report of Analysis

Client: Weston Solutions, Inc.
Project: RFP 918
Client Sample ID: VX1013WBSD01
Lab Sample ID: VX1013WBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3321
Matrix: TCLP
% Solid: 0
Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	20.3		1	0.26	1.00	ug/L	10/13/25 11:24	VX101325
75-35-4	1,1-Dichloroethene	19.8		1	0.23	1.00	ug/L	10/13/25 11:24	VX101325
78-93-3	2-Butanone	83.2		1	0.98	5.00	ug/L	10/13/25 11:24	VX101325
56-23-5	Carbon Tetrachloride	21.5		1	0.25	1.00	ug/L	10/13/25 11:24	VX101325
67-66-3	Chloroform	19.7		1	0.25	1.00	ug/L	10/13/25 11:24	VX101325
71-43-2	Benzene	20.5		1	0.15	1.00	ug/L	10/13/25 11:24	VX101325
107-06-2	1,2-Dichloroethane	20.0		1	0.22	1.00	ug/L	10/13/25 11:24	VX101325
79-01-6	Trichloroethene	21.0		1	0.090	1.00	ug/L	10/13/25 11:24	VX101325
127-18-4	Tetrachloroethene	21.2		1	0.23	1.00	ug/L	10/13/25 11:24	VX101325
108-90-7	Chlorobenzene	20.0		1	0.12	1.00	ug/L	10/13/25 11:24	VX101325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.6			74 - 12	99%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.8			75 - 12	112%	SPK: 50		
2037-26-5	Toluene-d8	53.9			86 - 11	108%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.0			77 - 12	110%	SPK: 50		
INTERNAL STANDARDS									
		Area							
363-72-4	Pentafluorobenzene	139000							
540-36-3	1,4-Difluorobenzene	234000							
3114-55-4	Chlorobenzene-d5	213000							
3855-82-1	1,4-Dichlorobenzene-d4	110000							

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A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name:	<u>Alliance</u>	Contract:	<u>ROYF02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3321</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date(s):	<u>09/16/2025</u> <u>09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Calibration Time(s):	<u>09:23</u> <u>12:01</u>
GC Column:	<u>DB-624UI</u> ID: <u>0.18</u> (mm)		

LAB FILE ID:		RRF001 = VX047585.D		RRF005 = VX047586.D		RRF020 = VX047587.D		
		RRF050 = VX047588.D		RRF100 = VX047589.D		RRF150 = VX047590.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.9
1,1-Dichloroethene	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.7
2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	9
Carbon Tetrachloride	0.482	0.574	0.555	0.539	0.526	0.518	0.532	6
Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.7
Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.1
1,2-Dichloroethane	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.8
Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.9
Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6
Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.2
1,2-Dichloroethane-d4		0.884	0.647	0.770	0.815	0.863	0.796	11.8
Dibromofluoromethane		0.356	0.266	0.331	0.355	0.368	0.335	12.3
Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.1
4-Bromofluorobenzene		0.478	0.360	0.427	0.452	0.484	0.440	11.4

* 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>ROYF02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3321</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/13/2025</u> <u>08:55</u>
Lab File ID:	<u>VX048126.D</u>	Init. Calib. Date(s):	<u>09/16/2025</u> <u>09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23</u> <u>12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.666	0.852		27.93	20
1,1-Dichloroethene	0.594	0.704		18.52	20
2-Butanone	0.432	0.420		-2.78	20
Carbon Tetrachloride	0.532	0.619		16.35	20
Chloroform	1.276	1.362		6.74	20
Benzene	1.488	1.660		11.56	20
1,2-Dichloroethane	0.566	0.595		5.12	20
Trichloroethene	0.360	0.401		11.39	20
Tetrachloroethene	0.326	0.378		15.95	20
Chlorobenzene	1.136	1.244	0.3	9.51	20
1,2-Dichloroethane-d4	0.796	0.792		-0.5	20
Dibromofluoromethane	0.335	0.370		10.45	20
Toluene-d8	1.160	1.233		6.29	20
4-Bromofluorobenzene	0.440	0.456		3.64	20

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