

LAB CHRONICLE

OrderID:	Q1626	OrderDate:	3/21/2025 12:59:00 PM
Client:	Walsh Construction Company II, LLC	Project:	Walsh CO-032 Sampling
Contact:	Evelyne Benie Dion Gokan	Location:	F11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1626-01	CO-32-1	SOIL	VOC-TCLVOA-10	8260D	03/21/25		03/25/25	03/21/25
Q1626-02	CO-32-1	TCLP	TCLP VOA	8260D	03/21/25		03/25/25	03/21/25

Hit Summary Sheet SW-846

SDG No.: Q1626
Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	CO-32-1							
Q1626-02	CO-32-1	TCLP	2-Butanone	11.1	J	0.98	25.0	ug/L
			Total Voc :	11.1				
			Total Concentration:	11.1				



SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	03/21/25	
Project:	Walsh CO-032 Sampling		Date Received:	03/21/25	
Client Sample ID:	CO-32-1		SDG No.:	Q1626	
Lab Sample ID:	Q1626-02		Matrix:	TCLP	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :	SW5035				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086111.D	1		03/25/25 19:28	VN032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	11.1	J	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.5		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	51.2		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.0		77 - 121	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	167000	8.224			
540-36-3	1,4-Difluorobenzene	313000	9.1			
3114-55-4	Chlorobenzene-d5	308000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	116000	13.788			

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.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1626-02	CO-32-1	1,2-Dichloroethane-d4	50	56.5	113	74	125
		Dibromofluoromethane	50	51.2	102	75	124
		Toluene-d8	50	51.2	102	86	113
		4-Bromofluorobenzene	50	46.0	92	77	121

Surrogate Summary

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
VN0325WBL01	VN0325WBL01	1,2-Dichloroethane-d4	50	53.7	107	74	125
		Dibromofluoromethane	50	50.5	101	75	124
		Toluene-d8	50	47.6	95	86	113
		4-Bromofluorobenzene	50	43.0	86	77	121
VN0325WBS01	VN0325WBS01	1,2-Dichloroethane-d4	50	51.8	104	74	125
		Dibromofluoromethane	50	53.1	106	75	124
		Toluene-d8	50	53.9	108	86	113
		4-Bromofluorobenzene	50	52.2	104	77	121
VN0325WBSD0	VN0325WBSD01	1,2-Dichloroethane-d4	50	52.4	105	74	125
		Dibromofluoromethane	50	51.4	103	75	124
		Toluene-d8	50	52.9	106	86	113
		4-Bromofluorobenzene	50	50.5	101	77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260-Low

Datafile : VN086094.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VN0325WBS01	Vinyl chloride	20	20.7	ug/L	104			65	117	
	1,1-Dichloroethene	20	20.6	ug/L	103			74	110	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	18.6	ug/L	93			77	113	
	Chloroform	20	20.4	ug/L	102			79	113	
	Benzene	20	20.8	ug/L	104			82	109	
	1,2-Dichloroethane	20	20.1	ug/L	101			80	115	
	Trichloroethene	20	18.7	ug/L	94			77	113	
	Tetrachloroethene	20	20.1	ug/L	101			67	123	
	Chlorobenzene	20	19.9	ug/L	100			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260-Low

Datafile : VN086106.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VN0325WBSD01	Vinyl chloride	20	20.3	ug/L	102	2		65	117	20
	1,1-Dichloroethene	20	19.2	ug/L	96	7		74	110	20
	2-Butanone	100	87.6	ug/L	88	22	*	65	122	20
	Carbon Tetrachloride	20	18.1	ug/L	91	2		77	113	20
	Chloroform	20	19.7	ug/L	99	3		79	113	20
	Benzene	20	19.5	ug/L	98	6		82	109	20
	1,2-Dichloroethane	20	18.5	ug/L	93	8		80	115	20
	Trichloroethene	20	17.5	ug/L	88	7		77	113	20
	Tetrachloroethene	20	16.9	ug/L	85	17		67	123	20
	Chlorobenzene	20	18.7	ug/L	94	6		82	109	20

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0325WBL01

Lab Name: CHEMTECH

Contract: WALS01

Lab Code: CHEM Case No.: Q1626

SAS No.: Q1626 SDG NO.: Q1626

Lab File ID: VN086092.D

Lab Sample ID: VN0325WBL01

Date Analyzed: 03/25/2025

Time Analyzed: 11:26

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0325WBS01	VN0325WBS01	VN086094.D	03/25/2025
VN0325WBSD01	VN0325WBSD01	VN086106.D	03/25/2025
CO-32-1	Q1626-02	VN086111.D	03/25/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: WALS01
Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626
Lab File ID: VN085994.D BFB Injection Date: 03/18/2025
Instrument ID: MSVOA_N BFB Injection Time: 08:52
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.2
75	30.0 - 60.0% of mass 95	52.9
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	0.6 (0.7) 1
174	50.0 - 100.0% of mass 95	87.1
175	5.0 - 9.0% of mass 174	6.7 (7.7) 1
176	95.0 - 101.0% of mass 174	83.7 (96.2) 1
177	5.0 - 9.0% of mass 176	5.4 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC100	VSTDICC100	VN085996.D	03/18/2025	11:44
VSTDICCC050	VSTDICCC050	VN085997.D	03/18/2025	12:08
VSTDICC020	VSTDICC020	VN085998.D	03/18/2025	12:32
VSTDICC010	VSTDICC010	VN085999.D	03/18/2025	12:57
VSTDICC005	VSTDICC005	VN086000.D	03/18/2025	13:21
VSTDICC001	VSTDICC001	VN086001.D	03/18/2025	14:09

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: WALS01
Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626
Lab File ID: VN086089.D BFB Injection Date: 03/25/2025
Instrument ID: MSVOA_N BFB Injection Time: 09:39
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16
75	30.0 - 60.0% of mass 95	47.5
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	1.5 (1.8) 1
174	50.0 - 100.0% of mass 95	82.1
175	5.0 - 9.0% of mass 174	6.1 (7.4) 1
176	95.0 - 101.0% of mass 174	79.7 (97.1) 1
177	5.0 - 9.0% of mass 176	4.8 (6.1) 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	VN086090.D	03/25/2025	10:27
VN0325WBL01	VN0325WBL01	VN086092.D	03/25/2025	11:26
VN0325WBS01	VN0325WBS01	VN086094.D	03/25/2025	12:39
VN0325WBSD01	VN0325WBSD01	VN086106.D	03/25/2025	17:28
CO-32-1	Q1626-02	VN086111.D	03/25/2025	19:28

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: WALS01
Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626
Lab File ID: VN086090.D Date Analyzed: 03/25/2025
Instrument ID: MSVOA_N Time Analyzed: 10:27
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	231359	8.22	376282	9.10	346115	11.87
UPPER LIMIT	462718	8.724	752564	9.6	692230	12.365
LOWER LIMIT	115680	7.724	188141	8.6	173058	11.365
EPA SAMPLE NO.						
CO-32-1	166979	8.22	313069	9.10	308081	11.87
VN0325WBL01	201384	8.22	370671	9.10	325680	11.87
VN0325WBS01	200228	8.22	324541	9.10	286017	11.87
VN0325WBSD01	194343	8.22	321428	9.10	280205	11.87

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: CHEMTECH Contract: WALS01
 Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626
 Lab File ID: VN086090.D Date Analyzed: 03/25/2025
 Instrument ID: MSVOA_N Time Analyzed: 10:27
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	181838	13.788				
UPPER LIMIT	363676	14.288				
LOWER LIMIT	90919	13.288				
EPA SAMPLE NO.						
CO-32-1	116432	13.79				
VN0325WBL01	130926	13.79				
VN0325WBS01	139430	13.79				
VN0325WBSD01	140993	13.79				

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:	Walsh Construction Company II, LLC		Date Collected:	
Project:	Walsh CO-032 Sampling		Date Received:	
Client Sample ID:	VN0325WBL01		SDG No.:	Q1626
Lab Sample ID:	VN0325WBL01		Matrix:	TCLP
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086092.D	1		03/25/25 11:26	VN032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.7		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	47.6		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.0		77 - 121	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	201000	8.224			
540-36-3	1,4-Difluorobenzene	371000	9.1			
3114-55-4	Chlorobenzene-d5	326000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	131000	13.788			

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:	Walsh Construction Company II, LLC		Date Collected:	
Project:	Walsh CO-032 Sampling		Date Received:	
Client Sample ID:	VN0325WBS01		SDG No.:	Q1626
Lab Sample ID:	VN0325WBS01		Matrix:	TCLP
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086094.D	1		03/25/25 12:39	VN032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	20.7		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	20.6		0.23	1.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.6		0.25	1.00	ug/L
67-66-3	Chloroform	20.4		0.25	1.00	ug/L
71-43-2	Benzene	20.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.7		0.090	1.00	ug/L
127-18-4	Tetrachloroethene	20.1		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.9		0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.8		74 - 125	104%	SPK: 50
1868-53-7	Dibromofluoromethane	53.1		75 - 124	106%	SPK: 50
2037-26-5	Toluene-d8	53.9		86 - 113	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	200000	8.224			
540-36-3	1,4-Difluorobenzene	325000	9.1			
3114-55-4	Chlorobenzene-d5	286000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	139000	13.788			

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A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	
Project:	Walsh CO-032 Sampling		Date Received:	
Client Sample ID:	VN0325WBSD01		SDG No.:	Q1626
Lab Sample ID:	VN0325WBSD01		Matrix:	TCLP
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086106.D	1		03/25/25 17:28	VN032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	20.3		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
78-93-3	2-Butanone	87.6		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.1		0.25	1.00	ug/L
67-66-3	Chloroform	19.7		0.25	1.00	ug/L
71-43-2	Benzene	19.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.5		0.090	1.00	ug/L
127-18-4	Tetrachloroethene	16.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.7		0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	52.9		86 - 113	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	194000	8.218			
540-36-3	1,4-Difluorobenzene	321000	9.1			
3114-55-4	Chlorobenzene-d5	280000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.788			

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LOQ = Limit of Quantitation

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A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: WALS01
 Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626
 Instrument ID: MSVOA_N Calibration Date(s): 03/18/2025 03/18/2025
 Heated Purge: (Y/N) N Calibration Time(s): 11:44 14:09
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF100 = VN085996.D		RRF050 = VN085997.D		RRF020 = VN085998.D			
		RRF010 = VN085999.D		RRF005 = VN086000.D		RRF001 = VN086001.D			
COMPOUND	RRF100	RRF050	RRF020	RRF010	RRF005	RRF001	RRF	% RSD	
Vinyl Chloride	0.622	0.592	0.541	0.581	0.634	0.592	0.594	5.5	
1,1-Dichloroethene	0.567	0.516	0.481	0.545	0.550	0.415	0.512	11	
2-Butanone	0.331	0.292	0.277	0.297	0.319	0.296	0.302	6.5	
Carbon Tetrachloride	0.673	0.578	0.557	0.580	0.613	0.624	0.604	6.9	
Chloroform	1.119	1.017	1.011	1.101	1.149	1.245	1.107	7.9	
Benzene	1.610	1.393	1.348	1.386	1.453	1.466	1.443	6.5	
1,2-Dichloroethane	0.538	0.475	0.462	0.491	0.528	0.521	0.503	6.1	
Trichloroethene	0.394	0.346	0.335	0.353	0.380	0.435	0.374	10	
Tetrachloroethene	0.407	0.371	0.370	0.390	0.421	0.433	0.399	6.6	
Chlorobenzene	1.229	1.085	1.070	1.116	1.156	1.208	1.144	5.7	
1,2-Dichloroethane-d4	0.632	0.665	0.669	0.721	0.737		0.685	6.3	
Dibromofluoromethane	0.333	0.334	0.347	0.362	0.368		0.349	4.5	
Toluene-d8	1.309	1.266	1.253	1.289	1.217		1.267	2.8	
4-Bromofluorobenzene	0.514	0.466	0.447	0.440	0.391		0.452	9.8	

* 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: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626

Instrument ID: MSVOA_N Calibration Date/Time: 03/25/2025 10:27

Lab File ID: VN086090.D Init. Calib. Date(s): 03/18/2025 03/18/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:44 14:09

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.594	0.677		13.97	20
1,1-Dichloroethene	0.512	0.557		8.79	20
2-Butanone	0.302	0.344		13.91	20
Carbon Tetrachloride	0.604	0.587		-2.82	20
Chloroform	1.107	1.133		2.35	20
Benzene	1.443	1.540		6.72	20
1,2-Dichloroethane	0.503	0.478		-4.97	20
Trichloroethene	0.374	0.361		-3.48	20
Tetrachloroethene	0.399	0.387		-3.01	20
Chlorobenzene	1.144	1.148	0.3	0.35	20
1,2-Dichloroethane-d4	0.685	0.681		-0.58	20
Dibromofluoromethane	0.349	0.358		2.58	20
Toluene-d8	1.267	1.350		6.55	20
4-Bromofluorobenzene	0.452	0.492		8.85	20

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