

LAB CHRONICLE

OrderID: Client: Contact:	Q1626 Walsh Construction Company II, LLC Evelyne Benie Dion Gokan			OrderDate: Project: Location:	3/21/2025 12:5 Walsh CO-032 F11,VOA Ref. #	9:00 PM Sampling ¢2 Soil		
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1626-01	CO-32-1	SOIL			03/21/25			03/21/25
			Gasoline Range Organics	8015D			03/24/25	
			TPH GC	8015D		03/25/25	03/25/25	
			EPH_NF	NJEPH		03/24/25	03/24/25	









	С
	D

Report of Analysis

Client:	Walsh Construct	ion Company II, L	LC		Date Collected:	03/21/25	
Project:	Walsh CO-032 S	ampling			Date Received:	03/21/25	
Client Sample ID:	CO-32-1				SDG No.:	Q1626	
Lab Sample ID:	Q1626-01				Matrix:	SOIL	
Analytical Method	: 8015D GRO				% Solid:	94.8 Dec	canted:
Sample Wt/Vol:	5 Units	: g			Final Vol:	5	mL
Soil Aliquot Vol:		uL			Test:	Gasoline Range Or	rganics
Extraction Type:					Injection Volume :		
GPC Factor :		PH :					
Prep Method :							
File ID/Qc Batch:	Dilution:				Date Analyzed	Prep Batcl	n ID
FB031612.D	1				03/24/25 17:08	FB032425	
CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CRQL	Units(Dry Weight)
TARGETS GRO	GRO	9.00	U	9.00		47.0	ug/kg
SURROGATES 98-08-8	Alpha,Alpha,Alpha-Trif	luoroto 13.7		50 - 150		69%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates > 25% difference for detected

concentrations between the two GC columns

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

 $\mathbf{S}=\mathbf{Indicates}$ estimated value where valid five-point calibration

was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit





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SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name:	Chemtech			Cli	ent:	Walsh Construction	Company II, LL	С
Lab Code:	CHEM	Case No.	Q1626	SA	S No.:	Q1626 SD	G No.: Q16	26
EPA			S1		82	S3	S4	ТОТ
SAMPL	LE NO.		AAA-TFT					OUT
VBF0324S1			76					0
BSF0324S1			98					0
CO-32-1			69					0
BSF0324S2			112					0

QC LIMITS

For Water : 50-150 For Soil : 50-150

AAA-TFT

Column to be used to flag recovery values * Values outside of contract required QC limits

D Surrogate Diluted Out



SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICAT

Lab Name:	ab Name: Chemtech			Client:	Walsh Construction Company II, LLC		
Lab Code:	СНЕМ	Cas No:	Q1626	SAS No :	Q1626	SDG No:	Q1626
Matrix Spike - El	PA Sample No :	BSF0324S1		Datafile:	FB031611.D		

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	201	112	50-150



SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICAT

Lab Name:	Chemtech			Client:	Walsh Construction Company II, LLC		
Lab Code:	СНЕМ	Cas No:	Q1626	SAS No :	Q1626	SDG No:	Q1626
Matrix Spike - El	PA Sample No :	BSF0324S2		Datafile:	FB031613.D		

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	203	113	50-150

LCS/LCSD % Recovery RPD \therefore 1.0



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METHOD BLANK SUMMARY

		EPA SAMPLE NO.		
			VBF03	24S1
Lab Name:	СНЕМТЕСН	Contract:	WALS0	1
Lab Code:	CHEM Case No.: Q1626	SAS No.:	Q1626	SDG NO.: 01626
Lab File ID:	FB031609.D	Lab Sample	e ID:	VBF0324S1
Date Analyze	ed: 03/24/25	Time Analy	zed:	14:39
GC Column:	RTX-502.2 ID: 0.53 (mm)	Heated Pur	rge: (Y/	Y Y

Instrument ID: FB

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

EPA	LAB	LAB	DATE
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
BSF0324S1	BSF0324S1	FB031611.D	03/24/25
CO-32-1	Q1626-01	FB031612.D	03/24/25
BSF0324S2	BSF0324S2	FB031613.D	03/24/25

COMMENTS:





<u>QC SAMPLE</u> <u>DATA</u>



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Report of Analysis									
Client:	Walsh Construction	Company l	I, LLC		Date Collected:				
Project:	Walsh CO-032 Sam	pling			Date Received:				
Client Sample ID:	VBF0324S1				SDG No.:	Q1626			
Lab Sample ID:	VBF0324S1				Matrix:	SOIL			
Analytical Method	8015D GRO				% Solid:	100 I	Decanted:		
Sample Wt/Vol:	5 Units:	g			Final Vol:	5	mL		
Soil Aliquot Vol:		uL			Test:	Gasoline Range	Organics		
Extraction Type:					Injection Volume :				
GPC Factor :		PH :							
Prep Method :									
File ID/Qc Batch:	Dilution:				Date Analyzed	Prep Ba	tch ID		
FB031609.D	1				03/24/25 14:39	FB0324	25		
CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CRQ	L Units(Dry Weight)		
TARGETS GRO	GRO	8.00	U	8.00		45.0) ug/kg		
SURROGATES 98-08-8	Alpha,Alpha,Alpha-Triflu	oroto 15.1		50 - 150		76%	6 SPK: 20		

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Report of Analysis								
Client:	Walsh Construc	tion Comp	any II, LL	С		Date Collected:		
Project:	Walsh CO-032	Sampling				Date Received:		
Client Sample ID:	BSF0324S1					SDG No.:	Q1626	
Lab Sample ID:	BSF0324S1					Matrix:	SOIL	
Analytical Method	: 8015D GRO					% Solid:	100 De	ecanted:
Sample Wt/Vol:	5 Unit	ts: g				Final Vol:	5	mL
Soil Aliquot Vol:		uL				Test:	Gasoline Range (Organics
Extraction Type:						Injection Volume :		
GPC Factor :		PH :						
Prep Method :								
File ID/Qc Batch:	Dilution:					Date Analyzed	Prep Bate	ch ID
FB031611.D	1					03/24/25 16:40	FB03242	5
CAS Number	Parameter	С	onc.	Qualifier	MDL		LOQ / CRQL	Units(Dry Weight)
TARGETS GRO	GRO	2	01		8.00		45.0	ug/kg
SURROGATES 98-08-8	Alpha,Alpha,Alpha-Tri	fluoroto 1	9.6		50 - 150		98%	SPK: 20

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			Repo	ort of An	alysis				
Client:	Walsh Construction	on Compa	ny II, LLC	2		Date Collected:			
Project:	Walsh CO-032 Sa	ampling				Date Received:			
Client Sample ID:	BSF0324S2					SDG No.:	Q1626		
Lab Sample ID:	BSF0324S2					Matrix:	SOIL		
Analytical Method	: 8015D GRO					% Solid:	100	Dec	anted:
Sample Wt/Vol:	5 Units:	g				Final Vol:	5	r	nL
Soil Aliquot Vol:		uL				Test:	Gasoline l	Range Or	ganics
Extraction Type:						Injection Volume :			
GPC Factor :		PH :							
Prep Method :									
File ID/Qc Batch:	Dilution:					Date Analyzed	P	rep Batch	ID
FB031613.D	1					03/24/25 18:29	F	B032425	
CAS Number	Parameter	Co	onc.	Qualifier	MDL		LOQ /	' CRQL	Units(Dry Weight)
TARGETS GRO	GRO	20)3		8.00			45.0	ug/kg
SURROGATES 98-08-8	Alpha,Alpha,Alpha-Trifl	uoroto 22	2.5		50 - 150			112%	SPK: 20

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<u>CALIBRATION</u> <u>SUMMARY</u>



GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name:	Chemtech			Contract:	WALS01		
ProjectID:	Walsh CO-032 San	npling					
Lab Code:	CHEM	Case No.:	Q1626	SAS No.:	Q1626	SDG No.:	Q1626

Calibration Sequence : FB030625			Test : Gasoline Ran	Test : Gasoline Range Organics		
Concentration	(PPB)	Area Count	Reference Factor	File ID		
90		2790097	31001	FB031557.D		
180		6158229	34212	FB031558.D		
450		15455660	34346	FB031559.D		
900		28540252	31711	FB031560.D		
45		1778844	39530	FB031561.D		
AVG RF: 34160		% R	SD : 9.803	AVG RT : 8.7964		



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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

ProjectID: Walsh CO-032 Sampling Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626 DataFile: FB031608 D Analyst Name: YP/AI Analyst Date: 03-24-2025	Lab Name:	Chemtech	_		Contract:	WALS01	
Lab Code:CHEMCase No.:Q1626SAS No.:Q1626SDG No.:Q1626DataFile:FB031608 DAnalyst Name:YP/AJAnalyst Date:03-24-2025	ProjectID:	Walsh CO-032 Sam	pling				
DataFile: FB031608 D Analyst Name: YP/AJ Analyst Date: 03-24-2025	Lab Code:	CHEM	Case No.:	Q1626	SAS No.:	Q1626	SDG No.: Q1626
	DataFile:	FB031608.D		Analyst Name	e: YP/AJ	Ana	alyst Date: 03-24-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5848564	32492	34160	4.883



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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name:	Chemtech			Contract:	WALS01		
ProjectID:	Walsh CO-032 Samplin	ıg					
Lab Code:	CHEM	Case No.:	Q1626	SAS No.:	Q1626	SDG No.:	Q1626
DataFile:	FB031614.D		Analyst Name:	YP/AJ	Analyst D	ate: 03-24-20	025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6837229	37985	34160	11.197



Analytical Sequence

Client: Walsh Cons	ruction Company II, LLC	SDG No.: Q1626
Project: Walsh CO-	32 Sampling	Instrument ID: FID_B
GC Column: RTX-5	2.2 ID: 0.53 (m)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM I	NITIAL CALIBRATION	8.7964			
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	24 Mar 2025 12:40	FB031608.D	8.795	
VBF0324S1	VBF0324S1	24 Mar 2025 14:39	FB031609.D	8.796	
BSF0324S1	BSF0324S1	24 Mar 2025 16:40	FB031611.D	8.795	
CO-32-1	Q1626-01	24 Mar 2025 17:08	FB031612.D	8.795	
BSF0324S2	BSF0324S2	24 Mar 2025 18:29	FB031613.D	8.795	
20 PPB GRO STD	20 PPB GRO STD	24 Mar 2025 19:24	FB031614.D	8.795	