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

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**			**03/21/25**			**03/21/25**
			VOC-TCLVOA-10	8260D			03/25/25	
Q1626-02	**CO-32-1**	**TCLP**			**03/21/25**			**03/21/25**
			TCLP VOA	8260D			03/25/25	

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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:								

0

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.8
Sample Wt/Vol:	9.82 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021636.D	1		03/25/25 15:22	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.61	U	0.61	2.70	ug/Kg
74-87-3	Chloromethane	0.61	U	0.61	2.70	ug/Kg
75-01-4	Vinyl Chloride	0.42	U	0.42	2.70	ug/Kg
74-83-9	Bromomethane	0.57	U	0.57	2.70	ug/Kg
75-00-3	Chloroethane	0.68	U	0.68	2.70	ug/Kg
75-69-4	Trichlorofluoromethane	0.65	U	0.65	2.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.57	U	0.57	2.70	ug/Kg
75-35-4	1,1-Dichloroethene	0.54	U	0.54	2.70	ug/Kg
67-64-1	Acetone	2.50	U	2.50	13.4	ug/Kg
75-15-0	Carbon Disulfide	0.57	U	0.57	2.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.39	U	0.39	2.70	ug/Kg
79-20-9	Methyl Acetate	0.83	U	0.83	2.70	ug/Kg
75-09-2	Methylene Chloride	1.90	U	1.90	5.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.46	U	0.46	2.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.43	U	0.43	2.70	ug/Kg
110-82-7	Cyclohexane	0.42	U	0.42	2.70	ug/Kg
78-93-3	2-Butanone	3.50	U	3.50	13.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.52	U	0.52	2.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.40	U	0.40	2.70	ug/Kg
74-97-5	Bromochloromethane	0.62	U	0.62	2.70	ug/Kg
67-66-3	Chloroform	0.45	U	0.45	2.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	2.70	ug/Kg
108-87-2	Methylcyclohexane	0.49	U	0.49	2.70	ug/Kg
71-43-2	Benzene	0.42	U	0.42	2.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.42	U	0.42	2.70	ug/Kg
79-01-6	Trichloroethene	0.44	U	0.44	2.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.49	U	0.49	2.70	ug/Kg
75-27-4	Bromodichloromethane	0.42	U	0.42	2.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	1.90	U	1.90	13.4	ug/Kg
108-88-3	Toluene	0.42	U	0.42	2.70	ug/Kg

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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.8
Sample Wt/Vol:	9.82 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021636.D	1		03/25/25 15:22	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.35	U	0.35	2.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.33	U	0.33	2.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.49	U	0.49	2.70	ug/Kg
591-78-6	2-Hexanone	2.00	U	2.00	13.4	ug/Kg
124-48-1	Dibromochloromethane	0.47	U	0.47	2.70	ug/Kg
106-93-4	1,2-Dibromoethane	0.47	U	0.47	2.70	ug/Kg
127-18-4	Tetrachloroethene	0.56	U	0.56	2.70	ug/Kg
108-90-7	Chlorobenzene	0.49	U	0.49	2.70	ug/Kg
100-41-4	Ethyl Benzene	0.36	U	0.36	2.70	ug/Kg
179601-23-1	m/p-Xylenes	0.67	U	0.67	5.40	ug/Kg
95-47-6	o-Xylene	0.44	U	0.44	2.70	ug/Kg
100-42-5	Styrene	0.38	U	0.38	2.70	ug/Kg
75-25-2	Bromoform	0.46	U	0.46	2.70	ug/Kg
98-82-8	Isopropylbenzene	0.42	U	0.42	2.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.65	U	0.65	2.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.92	U	0.92	2.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	2.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.78	U	0.78	2.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.99	U	0.99	2.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.60	U	1.60	2.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.70	U	1.70	2.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.1		63 - 155	122%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	49.4		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.4		38 - 136	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	216000	7.707			
540-36-3	1,4-Difluorobenzene	421000	8.616			
3114-55-4	Chlorobenzene-d5	386000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	154000	13.346			

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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.8
Sample Wt/Vol:	9.82 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021636.D	1		03/25/25 15:22	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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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	Limits High
Q1626-01	CO-32-1	1,2-Dichloroethane-d4	50	61.1	122	63	155
		Dibromofluoromethane	50	52.2	104	70	134
		Toluene-d8	50	49.4	99	74	123
		4-Bromofluorobenzene	50	44.4	89	38	136
VY0325SBL01	VY0325SBL01	1,2-Dichloroethane-d4	50	56.0	112	63	155
		Dibromofluoromethane	50	51.1	102	70	134
		Toluene-d8	50	48.8	98	74	123
		4-Bromofluorobenzene	50	42.7	85	38	136
VY0325SBS01	VY0325SBS01	1,2-Dichloroethane-d4	50	55.6	111	63	155
		Dibromofluoromethane	50	52.4	105	70	134
		Toluene-d8	50	50.4	101	74	123
		4-Bromofluorobenzene	50	51.3	103	38	136
VY0325SBSD01	VY0325SBSD01	1,2-Dichloroethane-d4	50	58.2	116	63	155
		Dibromofluoromethane	50	54.9	110	70	134
		Toluene-d8	50	52.1	104	74	123
		4-Bromofluorobenzene	50	53.2	106	38	136

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260D **Datafile :** VY021630.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0325SBS01	Dichlorodifluoromethane	20	17.7	ug/Kg	89			64	136	
	Chloromethane	20	18.8	ug/Kg	94			70	130	
	Vinyl chloride	20	20.9	ug/Kg	104			72	129	
	Bromomethane	20	21.4	ug/Kg	107			58	141	
	Chloroethane	20	23.3	ug/Kg	117			69	130	
	Trichlorofluoromethane	20	23.3	ug/Kg	117			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.8	ug/Kg	104			81	123	
	1,1-Dichloroethene	20	20.0	ug/Kg	100			79	121	
	Acetone	100	90.1	ug/Kg	90			60	131	
	Carbon disulfide	20	16.1	ug/Kg	81			45	154	
	Methyl tert-butyl Ether	20	22.7	ug/Kg	114			77	129	
	Methyl Acetate	20	26.0	ug/Kg	130			69	149	
	Methylene Chloride	20	21.3	ug/Kg	106			56	174	
	trans-1,2-Dichloroethene	20	19.7	ug/Kg	99			80	123	
	1,1-Dichloroethane	20	22.0	ug/Kg	110			82	123	
	Cyclohexane	20	17.8	ug/Kg	89			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	20.6	ug/Kg	103			76	129	
	cis-1,2-Dichloroethene	20	21.3	ug/Kg	106			82	123	
	Bromochloromethane	20	21.6	ug/Kg	108			80	127	
	Chloroform	20	22.4	ug/Kg	112			82	125	
	1,1,1-Trichloroethane	20	21.4	ug/Kg	107			80	126	
	Methylcyclohexane	20	17.5	ug/Kg	88			77	123	
	Benzene	20	20.0	ug/Kg	100			84	121	
	1,2-Dichloroethane	20	22.0	ug/Kg	110			81	126	
	Trichloroethene	20	20.5	ug/Kg	103			83	122	
	1,2-Dichloropropane	20	21.6	ug/Kg	108			83	122	
	Bromodichloromethane	20	22.0	ug/Kg	110			82	123	
	4-Methyl-2-Pentanone	100	120	ug/Kg	120			70	135	
	Toluene	20	20.6	ug/Kg	103			83	122	
	t-1,3-Dichloropropene	20	20.9	ug/Kg	104			78	124	
	cis-1,3-Dichloropropene	20	21.1	ug/Kg	106			81	122	
	1,1,2-Trichloroethane	20	23.5	ug/Kg	117			82	125	
	2-Hexanone	100	120	ug/Kg	120			66	138	
	Dibromochloromethane	20	22.8	ug/Kg	114			79	125	
	1,2-Dibromoethane	20	22.0	ug/Kg	110			80	125	
	Tetrachloroethene	20	24.3	ug/Kg	121			83	125	
	Chlorobenzene	20	20.7	ug/Kg	104			84	122	
	Ethyl Benzene	20	19.8	ug/Kg	99			82	124	
	m/p-Xylenes	40	40.3	ug/Kg	101			83	124	
	o-Xylene	20	20.3	ug/Kg	102			83	123	
	Styrene	20	20.8	ug/Kg	104			82	124	
	Bromoform	20	23.2	ug/Kg	116			75	127	
	Isopropylbenzene	20	19.5	ug/Kg	98			82	124	
	1,1,2,2-Tetrachloroethane	20	21.3	ug/Kg	106			77	127	
	1,3-Dichlorobenzene	20	20.6	ug/Kg	103			83	122	
	1,4-Dichlorobenzene	20	20.8	ug/Kg	104			84	121	
	1,2-Dichlorobenzene	20	21.5	ug/Kg	108			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260D **Datafile :** VY021630.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0325SBS01	1,2-Dibromo-3-Chloropropane	20	23.0	ug/Kg	115			66	134	
	1,2,4-Trichlorobenzene	20	21.3	ug/Kg	106			78	127	
	1,2,3-Trichlorobenzene	20	21.8	ug/Kg	109			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260D **Datafile :** VY021631.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0325SBSD01	Dichlorodifluoromethane	20	19.3	ug/Kg	97	9		64	136	20
	Chloromethane	20	19.4	ug/Kg	97	3		70	130	20
	Vinyl chloride	20	20.8	ug/Kg	104	0		72	129	20
	Bromomethane	20	20.9	ug/Kg	104	3		58	141	20
	Chloroethane	20	22.3	ug/Kg	112	4		69	130	20
	Trichlorofluoromethane	20	23.2	ug/Kg	116	1		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	21.7	ug/Kg	109	5		81	123	20
	1,1-Dichloroethene	20	20.2	ug/Kg	101	1		79	121	20
	Acetone	100	96.2	ug/Kg	96	6		60	131	20
	Carbon disulfide	20	16.1	ug/Kg	81	0		45	154	20
	Methyl tert-butyl Ether	20	22.7	ug/Kg	114	0		77	129	20
	Methyl Acetate	20	25.3	ug/Kg	127	2		69	149	20
	Methylene Chloride	20	22.5	ug/Kg	113	6		56	174	20
	trans-1,2-Dichloroethene	20	19.9	ug/Kg	100	1		80	123	20
	1,1-Dichloroethane	20	22.2	ug/Kg	111	1		82	123	20
	Cyclohexane	20	18.1	ug/Kg	91	2		76	122	20
	2-Butanone	100	110	ug/Kg	110	0		69	131	20
	Carbon Tetrachloride	20	20.6	ug/Kg	103	0		76	129	20
	cis-1,2-Dichloroethene	20	21.6	ug/Kg	108	2		82	123	20
	Bromochloromethane	20	20.8	ug/Kg	104	4		80	127	20
	Chloroform	20	23.2	ug/Kg	116	4		82	125	20
	1,1,1-Trichloroethane	20	22.2	ug/Kg	111	4		80	126	20
	Methylcyclohexane	20	17.8	ug/Kg	89	1		77	123	20
	Benzene	20	20.7	ug/Kg	104	4		84	121	20
	1,2-Dichloroethane	20	21.9	ug/Kg	110	0		81	126	20
	Trichloroethene	20	21.2	ug/Kg	106	3		83	122	20
	1,2-Dichloropropane	20	22.2	ug/Kg	111	3		83	122	20
	Bromodichloromethane	20	22.6	ug/Kg	113	3		82	123	20
	4-Methyl-2-Pentanone	100	120	ug/Kg	120	0		70	135	20
	Toluene	20	20.9	ug/Kg	104	1		83	122	20
	t-1,3-Dichloropropene	20	21.4	ug/Kg	107	3		78	124	20
	cis-1,3-Dichloropropene	20	21.2	ug/Kg	106	0		81	122	20
	1,1,2-Trichloroethane	20	23.7	ug/Kg	119	2		82	125	20
	2-Hexanone	100	120	ug/Kg	120	0		66	138	20
	Dibromochloromethane	20	23.2	ug/Kg	116	2		79	125	20
	1,2-Dibromoethane	20	22.6	ug/Kg	113	3		80	125	20
	Tetrachloroethene	20	23.6	ug/Kg	118	3		83	125	20
	Chlorobenzene	20	20.9	ug/Kg	104	0		84	122	20
	Ethyl Benzene	20	20.1	ug/Kg	101	2		82	124	20
	m/p-Xylenes	40	40.4	ug/Kg	101	0		83	124	20
	o-Xylene	20	20.4	ug/Kg	102	0		83	123	20
	Styrene	20	21.0	ug/Kg	105	1		82	124	20
	Bromoform	20	23.2	ug/Kg	116	0		75	127	20
	Isopropylbenzene	20	19.2	ug/Kg	96	2		82	124	20
	1,1,2,2-Tetrachloroethane	20	21.9	ug/Kg	110	4		77	127	20
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103	0		83	122	20
	1,4-Dichlorobenzene	20	20.5	ug/Kg	103	1		84	121	20
	1,2-Dichlorobenzene	20	21.3	ug/Kg	106	2		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260D **Datafile :** VY021631.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0325SBSD01	1,2-Dibromo-3-Chloropropane	20	23.5	ug/Kg	117	2		66	134	20
	1,2,4-Trichlorobenzene	20	21.8	ug/Kg	109	3		78	127	20
	1,2,3-Trichlorobenzene	20	22.8	ug/Kg	114	4		70	137	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0325SBL01

Lab Name: CHEMTECH Contract: WALS01

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

Lab File ID: VY021629.D Lab Sample ID: VY0325SBL01

Date Analyzed: 03/25/2025 Time Analyzed: 12:04

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0325SBS01	VY0325SBS01	VY021630.D	03/25/2025
VY0325SBSD01	VY0325SBSD01	VY021631.D	03/25/2025
CO-32-1	Q1626-01	VY021636.D	03/25/2025

COMMENTS:

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A B C D E F G

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: VY021395.D BFB Injection Date: 03/04/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:52

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.6
75	30.0 - 60.0% of mass 95	54.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.4 (1.8) 1
174	50.0 - 100.0% of mass 95	77.8
175	5.0 - 9.0% of mass 174	6.6 (8.4) 1
176	95.0 - 101.0% of mass 174	75.7 (97.2) 1
177	5.0 - 9.0% of mass 176	5 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC010	VSTDICC010	VY021397.D	03/04/2025	09:46
VSTDICC020	VSTDICC020	VY021398.D	03/04/2025	10:09
VSTDICCC050	VSTDICCC050	VY021399.D	03/04/2025	10:30
VSTDICC100	VSTDICC100	VY021400.D	03/04/2025	11:06
VSTDICC150	VSTDICC150	VY021401.D	03/04/2025	11:29
VSTDICC005	VSTDICC005	VY021403.D	03/04/2025	12:15

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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: VY021627.D BFB Injection Date: 03/25/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:17

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.5
75	30.0 - 60.0% of mass 95	52.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.2 (1.5) 1
174	50.0 - 100.0% of mass 95	79.2
175	5.0 - 9.0% of mass 174	6.5 (8.2) 1
176	95.0 - 101.0% of mass 174	77 (97.2) 1
177	5.0 - 9.0% of mass 176	5.2 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY021628.D	03/25/2025	11:31
VY0325SBL01	VY0325SBL01	VY021629.D	03/25/2025	12:04
VY0325SBS01	VY0325SBS01	VY021630.D	03/25/2025	12:36
VY0325SBSD01	VY0325SBSD01	VY021631.D	03/25/2025	12:59
CO-32-1	Q1626-01	VY021636.D	03/25/2025	15:22

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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: VY021628.D Date Analyzed: 03/25/2025

Instrument ID: MSVOA_Y Time Analyzed: 11:31

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	208523	7.71	310165	8.62	269506	11.42
UPPER LIMIT	417046	8.207	620330	9.116	539012	11.92
LOWER LIMIT	104262	7.207	155083	8.116	134753	10.92
EPA SAMPLE NO.						
CO-32-1	215826	7.71	421203	8.62	386051	11.41
VY0325SBL01	234987	7.71	440273	8.62	390435	11.41
VY0325SBS01	176531	7.71	283151	8.62	250065	11.41
VY0325SBSD01	175250	7.71	281285	8.62	248863	11.41

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.

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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: VY021628.D Date Analyzed: 03/25/2025

Instrument ID: MSVOA_Y Time Analyzed: 11:31

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	138648	13.346				
UPPER LIMIT	277296	13.846				
LOWER LIMIT	69324	12.846				
EPA SAMPLE NO.						
CO-32-1	154220	13.35				
VY0325SBL01	148940	13.35				
VY0325SBS01	132222	13.35				
VY0325SBSD01	132727	13.35				

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

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBL01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021629.D	1		03/25/25 12:04	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBL01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021629.D	1		03/25/25 12:04	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.0		63 - 155	112%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	48.8		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.7		38 - 136	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	235000	7.707			
540-36-3	1,4-Difluorobenzene	440000	8.616			
3114-55-4	Chlorobenzene-d5	390000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	149000	13.347			

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBL01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021629.D	1		03/25/25 12:04	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBS01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021630.D	1		03/25/25 12:36	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	17.7		1.10	5.00	ug/Kg
74-87-3	Chloromethane	18.8		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.9		0.79	5.00	ug/Kg
74-83-9	Bromomethane	21.4		1.10	5.00	ug/Kg
75-00-3	Chloroethane	23.3		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	23.3		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.8		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.0		1.00	5.00	ug/Kg
67-64-1	Acetone	90.1		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	16.1		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.7		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	26.0		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	21.3		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.7		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.0		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	17.8		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.6		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.3		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.6		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.4		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.4		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	17.5		0.91	5.00	ug/Kg
71-43-2	Benzene	20.0		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.0		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.6		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.0		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120		3.60	25.0	ug/Kg
108-88-3	Toluene	20.6		0.78	5.00	ug/Kg

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBS01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021630.D	1		03/25/25 12:36	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.9		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.1		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	23.5		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	120		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	22.8		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	22.0		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	24.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.8		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.3		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.3		0.82	5.00	ug/Kg
100-42-5	Styrene	20.8		0.71	5.00	ug/Kg
75-25-2	Bromoform	23.2		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.5		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.3		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.6		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.8		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.5		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	23.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.3		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	21.8		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6		63 - 155	111%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4		70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	50.4		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		38 - 136	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177000	7.707			
540-36-3	1,4-Difluorobenzene	283000	8.616			
3114-55-4	Chlorobenzene-d5	250000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	132000	13.347			

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBS01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021630.D	1		03/25/25 12:36	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBSD01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021631.D	1		03/25/25 12:59	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	19.3		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.8		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.9		1.10	5.00	ug/Kg
75-00-3	Chloroethane	22.3		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	23.2		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.7		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.2		1.00	5.00	ug/Kg
67-64-1	Acetone	96.2		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	16.1		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.7		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	25.3		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	22.5		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.9		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.2		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	18.1		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.6		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.6		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.8		1.20	5.00	ug/Kg
67-66-3	Chloroform	23.2		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.2		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	17.8		0.91	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.9		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.2		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.2		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.6		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120		3.60	25.0	ug/Kg
108-88-3	Toluene	20.9		0.78	5.00	ug/Kg

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBSD01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021631.D	1		03/25/25 12:59	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.4		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.2		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	23.7		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	120		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	23.2		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	22.6		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	23.6		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.9		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.1		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.4		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.4		0.82	5.00	ug/Kg
100-42-5	Styrene	21.0		0.71	5.00	ug/Kg
75-25-2	Bromoform	23.2		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.2		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.9		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.5		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.3		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	23.5		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.8		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	22.8		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.2		63 - 155	116%	SPK: 50
1868-53-7	Dibromofluoromethane	54.9		70 - 134	110%	SPK: 50
2037-26-5	Toluene-d8	52.1		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2		38 - 136	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	175000	7.707			
540-36-3	1,4-Difluorobenzene	281000	8.616			
3114-55-4	Chlorobenzene-d5	249000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	133000	13.346			

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBSD01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021631.D	1		03/25/25 12:59	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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_Y Calibration Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:46 12:15

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

LAB FILE ID: RRF010 = VY021397.D RRF020 = VY021398.D RRF050 = VY021399.D
RRF100 = VY021400.D RRF150 = VY021401.D RRF005 = VY021403.D

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF150	RRF005	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.493	0.416	0.447	0.440	0.429	0.529	0.459	9.4
Chloromethane	0.694	0.588	0.617	0.608	0.580	0.793	0.647	12.7
Vinyl Chloride	0.762	0.639	0.691	0.706	0.665	0.778	0.707	7.7
Bromomethane	0.555	0.450	0.468	0.483	0.468	0.641	0.511	14.4
Chloroethane	0.505	0.427	0.460	0.458	0.432	0.521	0.467	8.2
Trichlorofluoromethane	1.050	0.896	0.967	0.963	0.935	1.109	0.987	8
1,1,2-Trichlorotrifluoroethane	0.600	0.507	0.538	0.542	0.525	0.668	0.563	10.7
1,1-Dichloroethene	0.542	0.460	0.506	0.512	0.494	0.566	0.514	7.2
Acetone	0.124	0.091	0.134	0.103	0.095	0.144	0.115	18.9
Carbon Disulfide	1.705	1.425	1.631	1.618	1.546	1.732	1.610	7
Methyl tert-butyl Ether	1.290	1.177	1.366	1.299	1.315	1.364	1.302	5.3
Methyl Acetate	0.253	0.227	0.284	0.245	0.257	0.268	0.256	7.6
Methylene Chloride	0.717	0.538	0.552	0.530	0.507	0.788	0.605	19.4
trans-1,2-Dichloroethene	0.608	0.516	0.564	0.570	0.545	0.648	0.575	8.1
1,1-Dichloroethane	1.124	0.955	1.050	1.035	0.991	1.179	1.056	7.9
Cyclohexane	1.039	0.885	0.941	0.943	0.914	1.216	0.990	12.4
2-Butanone	0.160	0.136	0.181	0.149	0.151	0.180	0.159	11.2
Carbon Tetrachloride	0.627	0.538	0.587	0.595	0.579	0.625	0.592	5.6
cis-1,2-Dichloroethene	0.675	0.592	0.654	0.658	0.639	0.702	0.653	5.6
Bromochloromethane	0.481	0.423	0.467	0.426	0.380	0.478	0.443	9
Chloroform	1.181	0.992	1.087	1.066	1.029	1.222	1.096	8.1
1,1,1-Trichloroethane	1.063	0.894	0.978	0.983	0.953	1.151	1.004	9
Methylcyclohexane	0.595	0.550	0.651	0.680	0.669	0.641	0.631	7.8
Benzene	1.554	1.366	1.542	1.540	1.473	1.618	1.515	5.7
1,2-Dichloroethane	0.446	0.386	0.436	0.414	0.408	0.453	0.424	6.1
Trichloroethene	0.390	0.349	0.381	0.384	0.378	0.415	0.383	5.5
1,2-Dichloropropane	0.371	0.333	0.368	0.358	0.347	0.388	0.361	5.3
Bromodichloromethane	0.550	0.485	0.548	0.535	0.521	0.559	0.533	5
4-Methyl-2-Pentanone	0.210	0.202	0.263	0.230	0.243	0.219	0.228	9.9
Toluene	0.952	0.853	0.988	0.997	0.958	0.983	0.955	5.6

* 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.

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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_Y Calibration Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:46 12:15

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

LAB FILE ID: RRF010 = VY021397.D RRF020 = VY021398.D RRF050 = VY021399.D
RRF100 = VY021400.D RRF150 = VY021401.D RRF005 = VY021403.D

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF150	RRF005	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.447	0.420	0.499	0.495	0.495	0.461	0.470	6.8
cis-1,3-Dichloropropene	0.544	0.498	0.587	0.579	0.566	0.570	0.557	5.8
1,1,2-Trichloroethane	0.264	0.237	0.283	0.259	0.257	0.274	0.263	6
2-Hexanone	0.135	0.129	0.182	0.156	0.163	0.139	0.151	13.1
Dibromochloromethane	0.358	0.327	0.376	0.363	0.361	0.374	0.360	4.9
1,2-Dibromoethane	0.246	0.226	0.262	0.248	0.247	0.258	0.248	5.1
Tetrachloroethene	0.418	0.370	0.403	0.407	0.393	0.449	0.407	6.5
Chlorobenzene	1.194	1.065	1.186	1.192	1.165	1.283	1.181	5.9
Ethyl Benzene	2.005	1.825	2.135	2.209	2.146	2.115	2.072	6.7
m/p-Xylenes	0.761	0.705	0.822	0.833	0.803	0.797	0.787	6
o-Xylene	0.700	0.635	0.759	0.779	0.754	0.723	0.725	7.2
Styrene	1.133	1.084	1.277	1.306	1.267	1.151	1.203	7.6
Bromoform	0.227	0.213	0.250	0.237	0.238	0.235	0.233	5.3
Isopropylbenzene	3.797	3.468	4.034	4.231	4.124	3.977	3.939	6.9
1,1,2,2-Tetrachloroethane	0.712	0.637	0.727	0.667	0.690	0.737	0.695	5.4
1,3-Dichlorobenzene	1.861	1.640	1.812	1.840	1.822	2.031	1.834	6.8
1,4-Dichlorobenzene	1.820	1.624	1.782	1.783	1.764	1.989	1.794	6.5
1,2-Dichlorobenzene	1.561	1.431	1.588	1.568	1.560	1.723	1.572	5.9
1,2-Dibromo-3-Chloropropane	0.101	0.092	0.108	0.098	0.108	0.117	0.104	8.3
1,2,4-Trichlorobenzene	0.723	0.735	0.908	0.926	0.994	0.864	0.859	12.7
1,2,3-Trichlorobenzene	0.604	0.614	0.775	0.771	0.835	0.734	0.722	13
1,2-Dichloroethane-d4	0.580	0.514	0.482	0.511	0.477	0.606	0.528	10
Dibromofluoromethane	0.348	0.315	0.296	0.332	0.311	0.371	0.329	8.3
Toluene-d8	1.276	1.179	1.135	1.289	1.203	1.384	1.244	7.2
4-Bromofluorobenzene	0.424	0.394	0.386	0.433	0.405	0.498	0.423	9.6

* 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.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

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

Instrument ID: MSVOA_Y Calibration Date/Time: 03/25/2025 11:31

Lab File ID: VY021628.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.459	0.409		-10.89	20
Chloromethane	0.647	0.618	0.1	-4.48	20
Vinyl Chloride	0.707	0.731		3.39	20
Bromomethane	0.511	0.471		-7.83	20
Chloroethane	0.467	0.518		10.92	20
Trichlorofluoromethane	0.987	1.123		13.78	20
1,1,2-Trichlorotrifluoroethane	0.563	0.573		1.78	20
1,1-Dichloroethene	0.514	0.502		-2.34	20
Acetone	0.115	0.123		6.96	20
Carbon Disulfide	1.610	1.406		-12.67	20
Methyl tert-butyl Ether	1.302	1.275		-2.07	20
Methyl Acetate	0.256	0.321		25.39	20
Methylene Chloride	0.605	0.563		-6.94	20
trans-1,2-Dichloroethene	0.575	0.566		-1.57	20
1,1-Dichloroethane	1.056	1.067	0.1	1.04	20
Cyclohexane	0.990	0.899		-9.19	20
2-Butanone	0.159	0.156		-1.89	20
Carbon Tetrachloride	0.592	0.634		7.09	20
cis-1,2-Dichloroethene	0.653	0.660		1.07	20
Bromochloromethane	0.443	0.444		0.23	20
Chloroform	1.096	1.112		1.46	20
1,1,1-Trichloroethane	1.004	1.022		1.79	20
Methylcyclohexane	0.631	0.652		3.33	20
Benzene	1.515	1.565		3.3	20
1,2-Dichloroethane	0.424	0.426		0.47	20
Trichloroethene	0.383	0.406		6.01	20
1,2-Dichloropropane	0.361	0.382		5.82	20
Bromodichloromethane	0.533	0.566		6.19	20
4-Methyl-2-Pentanone	0.228	0.230		0.88	20
Toluene	0.955	1.011		5.86	20
t-1,3-Dichloropropene	0.470	0.496		5.53	20
cis-1,3-Dichloropropene	0.557	0.581		4.31	20
1,1,2-Trichloroethane	0.263	0.276		4.94	20
2-Hexanone	0.151	0.160		5.96	20
Dibromochloromethane	0.360	0.376		4.44	20
1,2-Dibromoethane	0.248	0.249		0.4	20
Tetrachloroethene	0.407	0.486		19.41	20
Chlorobenzene	1.181	1.247	0.3	5.59	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

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

Instrument ID: MSVOA_Y Calibration Date/Time: 03/25/2025 11:31

Lab File ID: VY021628.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.072	2.245		8.35	20
m/p-Xylenes	0.787	0.860		9.28	20
o-Xylene	0.725	0.792		9.24	20
Styrene	1.203	1.337		11.14	20
Bromoform	0.233	0.249	0.1	6.87	20
Isopropylbenzene	3.939	4.241		7.67	20
1,1,2,2-Tetrachloroethane	0.695	0.672	0.3	-3.31	20
1,3-Dichlorobenzene	1.834	1.893		3.22	20
1,4-Dichlorobenzene	1.794	1.848		3.01	20
1,2-Dichlorobenzene	1.572	1.638		4.2	20
1,2-Dibromo-3-Chloropropane	0.104	0.103		-0.96	20
1,2,4-Trichlorobenzene	0.859	0.916		6.64	20
1,2,3-Trichlorobenzene	0.722	0.763		5.68	20
1,2-Dichloroethane-d4	0.528	0.552		4.55	20
Dibromofluoromethane	0.329	0.371		12.77	20
Toluene-d8	1.244	1.383		11.17	20
4-Bromofluorobenzene	0.423	0.468		10.64	20

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

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

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**			**03/21/25**			**03/21/25**
			VOC-TCLVOA-10	8260D			03/25/25	
Q1626-02	**CO-32-1**	**TCLP**			**03/21/25**			**03/21/25**
			TCLP VOA	8260D			03/25/25	

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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

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

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

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

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	Limits 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

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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	Limits 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

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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	Limits Low	Limits High	RPD
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	

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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	Limits Low	Limits High	RPD
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

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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:

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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

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A B C D E F G

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

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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.

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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

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

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

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

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			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

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			

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

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

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	$\overline{RRF}$	% 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.

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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.

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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**			**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	

SAMPLE DATA

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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	94.8 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 Batch 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-Trifluoroto	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: Walsh Construction Company II, LLC

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

EPA SAMPLE NO.	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBF0324S1	76				0
BSF0324S1	98				0
CO-32-1	69				0
BSF0324S2	112				0

	QC LIMITS
AAA-TFT	For Water : 50-150 For Soil : 50-150

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate Diluted Out

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

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC

Lab Code: CHEM **Cas No:** Q1626 **SAS No :** Q1626 **SDG No:** Q1626

Matrix Spike - EPA 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

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

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC

Lab Code: CHEM **Cas No:** Q1626 **SAS No :** Q1626 **SDG No:** Q1626

Matrix Spike - EPA 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 : 1.0

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METHOD BLANK SUMMARY

EPA SAMPLE NO.: VBF0324S1

Lab Name: CHEMTECH Contract: WALS01

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

Lab File ID: FB031609.D Lab Sample ID: VBF0324S1

Date Analyzed: 03/24/25 Time Analyzed: 14:39

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: FB

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE 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:

QC SAMPLE DATA

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VBF0324S1	SDG No.:	Q1626
Lab Sample ID:	VBF0324S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100 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 Batch ID
FB031609.D	1	03/24/25 14:39	FB032425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	8.00	U	8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	15.1		50 - 150	76%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	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 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 Batch ID
FB031611.D	1	03/24/25 16:40	FB032425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	201		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.6		50 - 150	98%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	BSF0324S2	SDG No.:	Q1626
Lab Sample ID:	BSF0324S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100 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 Batch ID
FB031613.D	1	03/24/25 18:29	FB032425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	203		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	22.5		50 - 150	112%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: WALS01

ProjectID: Walsh CO-032 Sampling

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

Calibration Sequence : FB030625		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 **% RSD : 9.803** **AVG RT : 8.7964**

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: WALS01

ProjectID: Walsh CO-032 Sampling

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

DataFile: FB031608.D Analyst Name: YP/AJ Analyst 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 Sampling

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

DataFile: FB031614.D Analyst Name: YP/AJ Analyst Date: 03-24-2025

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

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Analytical Sequence

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

Project: Walsh CO-032 Sampling **Instrument ID:** FID_B

GC Column: RTX-502.2 **ID:** 0.53 **(mm)**

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

MEAN SUROGATE RT FROM INITIAL 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	

 # Column used to flag RT values with an * values outside of QC limits

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	8.6964	8.8964

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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**			**03/21/25**			**03/21/25**
			SVOC-TCL BNA -20	8270E		03/24/25	03/24/25	
Q1626-03	**CO-32-1**	**TCLP**			**03/21/25**			**03/21/25**
			TCLP BNA	8270E		03/25/25	03/25/25	

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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**								
Q1626-01	CO-32-1	SOIL	Phenanthrene		730.000		22	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Anthracene		200.000		35.1	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Carbazole		70.700	J	32.9	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Fluoranthene		1,400.000		31.6	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Pyrene		850.000	Q	37.9	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzo(a)anthracene		660.000		24.2	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Chrysene		580.000		21	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Bis(2-ethylhexyl)phthalate		240.000		62.4	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzo(b)fluoranthene		790.000		20	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzo(k)fluoranthene		340.000		23.6	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzo(a)pyrene		660.000		31.1	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Indeno(1,2,3-cd)pyrene		350.000		30.7	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Dibenzo(a,h)anthracene		100.000	J	28.9	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzo(g,h,i)perylene		460.000		27.1	180	ug/Kg
			Total Svoc :		**7,430.70**				
Q1626-01	CO-32-1	SOIL	4H-Cyclopenta[def]phenanthrene	*	270.000	J	0	0	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzenesulfonamide, N,4-dimethy	*	180.000	J	0	0	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzophenone	*	220.000	J	0	0	ug/Kg
Q1626-01	CO-32-1	SOIL	Biphenylene	*	70.600	J	0	0	ug/Kg
Q1626-01	CO-32-1	SOIL	Butane, 2-methoxy-2-methyl-	*	1,100.000	J	0	0	ug/Kg
Q1626-01	CO-32-1	SOIL	n-Hexadecanoic acid	*	810.000	J	0	0	ug/Kg
Q1626-01	CO-32-1	SOIL	Octadecanoic acid	*	340.000	J	0	0	ug/Kg
			Total Tics :		**2,990.60**				
			Total Concentration:		**10,421.30**				

SAMPLE DATA

Alliance TECHNICAL GROUP
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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142064.D	1	03/24/25 08:15	03/24/25 19:53	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	350	ug/Kg
108-95-2	Phenol	23.3	U	23.3	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.6	U	25.6	180	ug/Kg
95-57-8	2-Chlorophenol	25.7	U	25.7	180	ug/Kg
95-48-7	2-Methylphenol	31.5	U	31.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39.5	U	39.5	180	ug/Kg
98-86-2	Acetophenone	31.1	U	31.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	43.3	U	43.3	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.0	U	50.0	84.3	ug/Kg
67-72-1	Hexachloroethane	18.5	U	18.5	180	ug/Kg
98-95-3	Nitrobenzene	19.3	U	19.3	180	ug/Kg
78-59-1	Isophorone	34.6	U	34.6	180	ug/Kg
88-75-5	2-Nitrophenol	61.3	U	61.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	68.3	U	68.3	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	32.5	U	32.5	180	ug/Kg
120-83-2	2,4-Dichlorophenol	29.8	U	29.8	180	ug/Kg
91-20-3	Naphthalene	23.9	U	23.9	180	ug/Kg
106-47-8	4-Chloroaniline	37.3	U	37.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.7	U	26.7	180	ug/Kg
105-60-2	Caprolactam	54.9	U	54.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.2	U	30.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.0	U	27.0	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20.9	U	20.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.7	U	30.7	180	ug/Kg
92-52-4	1,1-Biphenyl	23.0	U	23.0	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.7	U	23.7	180	ug/Kg
88-74-4	2-Nitroaniline	50.7	U	50.7	180	ug/Kg
131-11-3	Dimethylphthalate	28.6	U	28.6	180	ug/Kg

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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142064.D	1	03/24/25 08:15	03/24/25 19:53	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	30.5	U	30.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	35.4	U	35.4	180	ug/Kg
99-09-2	3-Nitroaniline	48.5	U	48.5	180	ug/Kg
83-32-9	Acenaphthene	22.4	UQ	22.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	350	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	350	ug/Kg
132-64-9	Dibenzofuran	23.9	U	23.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	52.8	U	52.8	180	ug/Kg
84-66-2	Diethylphthalate	29.8	U	29.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.1	U	28.1	180	ug/Kg
86-73-7	Fluorene	26.7	U	26.7	180	ug/Kg
100-01-6	4-Nitroaniline	67.7	U	67.7	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	34.7	U	34.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.3	U	29.3	180	ug/Kg
118-74-1	Hexachlorobenzene	26.7	UQ	26.7	180	ug/Kg
1912-24-9	Atrazine	35.8	U	35.8	180	ug/Kg
87-86-5	Pentachlorophenol	54.1	U	54.1	350	ug/Kg
85-01-8	Phenanthrene	730		22.0	180	ug/Kg
120-12-7	Anthracene	200		35.1	180	ug/Kg
86-74-8	Carbazole	70.7	J	32.9	180	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	180	ug/Kg
206-44-0	Fluoranthene	1400		31.6	180	ug/Kg
129-00-0	Pyrene	850	Q	37.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	75.2	U	75.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38.7	U	38.7	350	ug/Kg
56-55-3	Benzo(a)anthracene	660		24.2	180	ug/Kg
218-01-9	Chrysene	580		21.0	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240		62.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	91.5	U	91.5	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	790		20.0	180	ug/Kg

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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142064.D	1	03/24/25 08:15	03/24/25 19:53	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	340		23.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	660		31.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350		30.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	28.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	460		27.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.0	U	27.0	180	ug/Kg
123-91-1	1,4-Dioxane	47.6	U	47.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	28.9	U	28.9	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	105		18 - 112	70%	SPK: 150
13127-88-3	Phenol-d6	94.6		15 - 107	63%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.7		18 - 107	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.3		20 - 109	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	112		10 - 116	75%	SPK: 150
1718-51-0	Terphenyl-d14	61.4		10 - 105	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	116000	6.875			
1146-65-2	Naphthalene-d8	398000	8.157			
15067-26-2	Acenaphthene-d10	182000	9.91			
1517-22-2	Phenanthrene-d10	307000	11.392			
1719-03-5	Chrysene-d12	318000	14.039			
1520-96-3	Perylene-d12	212000	15.515			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J		2.14	ug/Kg
000259-79-0	Biphenylene	70.6	J		9.77	ug/Kg
000119-61-9	Benzophenone	220	J		10.6	ug/Kg
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	180	J		10.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	810	J		11.9	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	270	J		12.0	ug/Kg
000057-11-4	Octadecanoic acid	340	J		12.7	ug/Kg

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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142064.D	1	03/24/25 08:15	03/24/25 19:53	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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Surrogate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167274BL	PB167274BL	2-Fluorophenol	150	146	97		18	112
		Phenol-d6	150	139	93		15	107
		Nitrobenzene-d5	100	99.8	100		18	107
		2-Fluorobiphenyl	100	99.5	100		20	109
		2,4,6-Tribromophenol	150	169	113		10	116
		Terphenyl-d14	100	125	125	*	10	105
PB167274BS	PB167274BS	2-Fluorophenol	150	151	101		18	112
		Phenol-d6	150	147	98		15	107
		Nitrobenzene-d5	100	104	104		18	107
		2-Fluorobiphenyl	100	104	104		20	109
		2,4,6-Tribromophenol	150	184	123	*	10	116
		Terphenyl-d14	100	129	129	*	10	105
Q1626-01	CO-32-1	2-Fluorophenol	150	105	70		18	112
		Phenol-d6	150	94.6	63		15	107
		Nitrobenzene-d5	100	78.7	79		18	107
		2-Fluorobiphenyl	100	85.3	85		20	109
		2,4,6-Tribromophenol	150	112	75		10	116
		Terphenyl-d14	100	61.4	61		10	105
Q1626-01MS	CO-32-1MS	2-Fluorophenol	150	102	68		18	112
		Phenol-d6	150	94.1	63		15	107
		Nitrobenzene-d5	100	77.2	77		18	107
		2-Fluorobiphenyl	100	84.0	84		20	109
		2,4,6-Tribromophenol	150	113	75		10	116
		Terphenyl-d14	100	69.2	69		10	105
Q1626-01MSD	CO-32-1MSD	2-Fluorophenol	150	100	67		18	112
		Phenol-d6	150	92.1	61		15	107
		Nitrobenzene-d5	100	73.8	74		18	107
		2-Fluorobiphenyl	100	78.7	79		20	109
		2,4,6-Tribromophenol	150	118	79		10	116
		Terphenyl-d14	100	75.6	76		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1626-01MS		**Client Sample ID: CO-32-1MS**						**DataFile: BF142065.D**			
Benzaldehyde	1800	0	1900	ug/Kg	106	*			10	86	
Phenol	1800	0	1700	ug/Kg	94				67	126	
bis(2-Chloroethyl)ether	1800	0	1800	ug/Kg	100				54	125	
2-Chlorophenol	1800	0	1800	ug/Kg	100				79	107	
2-Methylphenol	1800	0	1700	ug/Kg	94				66	122	
2,2-oxybis(1-Chloropropane)	1800	0	1600	ug/Kg	89				65	110	
Acetophenone	1800	0	2000	ug/Kg	111				75	111	
3+4-Methylphenols	1800	0	1600	ug/Kg	89				66	104	
N-Nitroso-di-n-propylamine	1800	0	1600	ug/Kg	89				59	119	
Hexachloroethane	1800	0	1700	ug/Kg	94				65	117	
Nitrobenzene	1800	0	1900	ug/Kg	106				70	119	
Isophorone	1800	0	1900	ug/Kg	106				76	122	
2-Nitrophenol	1800	0	1900	ug/Kg	106				54	145	
2,4-Dimethylphenol	1800	0	2500	ug/Kg	139	*			44	135	
bis(2-Chloroethoxy)methane	1800	0	1900	ug/Kg	106				68	112	
2,4-Dichlorophenol	1800	0	1800	ug/Kg	100				72	118	
Naphthalene	1800	0	1900	ug/Kg	106				72	110	
4-Chloroaniline	1800	0	550	ug/Kg	31				10	91	
Hexachlorobutadiene	1800	0	2000	ug/Kg	111				66	114	
Caprolactam	1800	0	1600	ug/Kg	89				51	134	
4-Chloro-3-methylphenol	1800	0	1600	ug/Kg	89				57	132	
2-Methylnaphthalene	1800	0	1600	ug/Kg	89				59	123	
Hexachlorocyclopentadiene	3500	0	1400	ug/Kg	40				10	175	
2,4,6-Trichlorophenol	1800	0	2000	ug/Kg	111				72	117	
2,4,5-Trichlorophenol	1800	0	1900	ug/Kg	106				72	117	
1,1-Biphenyl	1800	0	2000	ug/Kg	111				75	113	
2-Chloronaphthalene	1800	0	2000	ug/Kg	111				67	118	
2-Nitroaniline	1800	0	2000	ug/Kg	111				69	127	
Dimethylphthalate	1800	0	2000	ug/Kg	111				70	113	
Acenaphthylene	1800	0	2100	ug/Kg	117				79	118	
2,6-Dinitrotoluene	1800	0	1900	ug/Kg	106				70	125	
3-Nitroaniline	1800	0	1500	ug/Kg	83				30	99	
Acenaphthene	1800	0	1800	ug/Kg	100				70	121	
2,4-Dinitrophenol	3500	0	720	ug/Kg	21				10	155	
4-Nitrophenol	3500	0	4000	ug/Kg	114				45	133	
Dibenzofuran	1800	0	1800	ug/Kg	100				72	110	
2,4-Dinitrotoluene	1800	0	1900	ug/Kg	106				55	128	
Diethylphthalate	1800	0	1900	ug/Kg	106				70	112	
4-Chlorophenyl-phenylether	1800	0	1900	ug/Kg	106				71	108	
Fluorene	1800	0	1900	ug/Kg	106				68	116	
4-Nitroaniline	1800	0	1700	ug/Kg	94				55	120	
4,6-Dinitro-2-methylphenol	1800	0	390	ug/Kg	22				10	160	
N-Nitrosodiphenylamine	1800	0	1900	ug/Kg	106				73	118	
4-Bromophenyl-phenylether	1800	0	1900	ug/Kg	106				65	121	
Hexachlorobenzene	1800	0	2000	ug/Kg	111				67	118	
Atrazine	1800	0	2300	ug/Kg	128	*			79	127	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	3500	0	4300	ug/Kg	123				47	128	
Phenanthrene	1800	730	2600	ug/Kg	104				52	128	
Anthracene	1800	200	2200	ug/Kg	111				62	124	
Carbazole	1800	70.7	2100	ug/Kg	113				59	119	
Di-n-butylphthalate	1800	0	2000	ug/Kg	111				69	118	
Fluoranthene	1800	1400	3300	ug/Kg	106				44	125	
Pyrene	1800	850	2500	ug/Kg	92				26	142	
Butylbenzylphthalate	1800	0	1800	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1800	0	900	ug/Kg	50				33	116	
Benzo(a)anthracene	1800	660	2600	ug/Kg	108				71	114	
Chrysene	1800	580	2500	ug/Kg	107				57	121	
bis(2-Ethylhexyl)phthalate	1800	240	2100	ug/Kg	103				42	169	
Di-n-octyl phthalate	1800	0	2100	ug/Kg	117				23	175	
Benzo(b)fluoranthene	1800	790	2800	ug/Kg	112				67	121	
Benzo(k)fluoranthene	1800	340	2200	ug/Kg	103				57	134	
Benzo(a)pyrene	1800	660	2600	ug/Kg	108				70	142	
Indeno(1,2,3-cd)pyrene	1800	350	2000	ug/Kg	92				40	129	
Dibenz(a,h)anthracene	1800	100	1700	ug/Kg	89				43	123	
Benzo(g,h,i)perylene	1800	460	2100	ug/Kg	91				24	125	
1,2,4,5-Tetrachlorobenzene	1800	0	2100	ug/Kg	117				69	124	
1,4-Dioxane	1800	0	1700	ug/Kg	94				46	112	
2,3,4,6-Tetrachlorophenol	1800	0	1900	ug/Kg	106				69	112	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1626-01MSD		**Client Sample ID: CO-32-1MSD**						**DataFile: BF142066.D**			
Benzaldehyde	1800	0	1900	ug/Kg	106	*	0		10	86	20
Phenol	1800	0	1700	ug/Kg	94		0		67	126	20
bis(2-Chloroethyl)ether	1800	0	1800	ug/Kg	100		0		54	125	20
2-Chlorophenol	1800	0	1800	ug/Kg	100		0		79	107	20
2-Methylphenol	1800	0	1700	ug/Kg	94		0		66	122	20
2,2-oxybis(1-Chloropropane)	1800	0	1600	ug/Kg	89		0		65	110	20
Acetophenone	1800	0	1800	ug/Kg	100		10		75	111	20
3+4-Methylphenols	1800	0	1600	ug/Kg	89		0		66	104	20
N-Nitroso-di-n-propylamine	1800	0	1500	ug/Kg	83		7		59	119	20
Hexachloroethane	1800	0	1600	ug/Kg	89		5		65	117	20
Nitrobenzene	1800	0	1800	ug/Kg	100		6		70	119	20
Isophorone	1800	0	1800	ug/Kg	100		6		76	122	20
2-Nitrophenol	1800	0	1600	ug/Kg	89		17		54	145	20
2,4-Dimethylphenol	1800	0	2400	ug/Kg	133		4		44	135	20
bis(2-Chloroethoxy)methane	1800	0	1800	ug/Kg	100		6		68	112	20
2,4-Dichlorophenol	1800	0	1700	ug/Kg	94		6		72	118	20
Naphthalene	1800	0	1800	ug/Kg	100		6		72	110	20
4-Chloroaniline	1800	0	700	ug/Kg	39		23	*	10	91	20
Hexachlorobutadiene	1800	0	2000	ug/Kg	111		0		66	114	20
Caprolactam	1800	0	1600	ug/Kg	89		0		51	134	20
4-Chloro-3-methylphenol	1800	0	1600	ug/Kg	89		0		57	132	20
2-Methylnaphthalene	1800	0	1500	ug/Kg	83		7		59	123	20
Hexachlorocyclopentadiene	3500	0	980	ug/Kg	28		35	*	10	175	20
2,4,6-Trichlorophenol	1800	0	1900	ug/Kg	106		5		72	117	20
2,4,5-Trichlorophenol	1800	0	1900	ug/Kg	106		0		72	117	20
1,1-Biphenyl	1800	0	1900	ug/Kg	106		5		75	113	20
2-Chloronaphthalene	1800	0	1900	ug/Kg	106		5		67	118	20
2-Nitroaniline	1800	0	2000	ug/Kg	111		0		69	127	20
Dimethylphthalate	1800	0	1800	ug/Kg	100		10		70	113	20
Acenaphthylene	1800	0	2100	ug/Kg	117		0		79	118	20
2,6-Dinitrotoluene	1800	0	1800	ug/Kg	100		6		70	125	20
3-Nitroaniline	1800	0	1800	ug/Kg	100	*	19		30	99	20
Acenaphthene	1800	0	1700	ug/Kg	94		6		70	121	20
2,4-Dinitrophenol	3500	0	440	ug/Kg	13		47	*	10	155	20
4-Nitrophenol	3500	0	4100	ug/Kg	117		3		45	133	20
Dibenzofuran	1800	0	1800	ug/Kg	100		0		72	110	20
2,4-Dinitrotoluene	1800	0	1700	ug/Kg	94		12		55	128	20
Diethylphthalate	1800	0	1800	ug/Kg	100		6		70	112	20
4-Chlorophenyl-phenylether	1800	0	1900	ug/Kg	106		0		71	108	20
Fluorene	1800	0	2000	ug/Kg	111		5		68	116	20
4-Nitroaniline	1800	0	1900	ug/Kg	106		12		55	120	20
4,6-Dinitro-2-methylphenol	1800	0	150	ug/Kg	8	*	93	*	10	160	20
N-Nitrosodiphenylamine	1800	0	1700	ug/Kg	94		12		73	118	20
4-Bromophenyl-phenylether	1800	0	1700	ug/Kg	94		12		65	121	20
Hexachlorobenzene	1800	0	1800	ug/Kg	100		10		67	118	20
Atrazine	1800	0	2100	ug/Kg	117		9		79	127	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3500	0	4000	ug/Kg	114		8		47	128	20
Phenanthrene	1800	730	2400	ug/Kg	93		11		52	128	20
Anthracene	1800	200	2000	ug/Kg	100		10		62	124	20
Carbazole	1800	70.7	2000	ug/Kg	107		5		59	119	20
Di-n-butylphthalate	1800	0	1900	ug/Kg	106		5		69	118	20
Fluoranthene	1800	1400	3100	ug/Kg	94		12		44	125	20
Pyrene	1800	850	2600	ug/Kg	97		5		26	142	20
Butylbenzylphthalate	1800	0	2000	ug/Kg	111		10		64	126	20
3,3-Dichlorobenzidine	1800	0	1100	ug/Kg	61		20		33	116	20
Benzo(a)anthracene	1800	660	2500	ug/Kg	102		6		71	114	20
Chrysene	1800	580	2400	ug/Kg	101		6		57	121	20
bis(2-Ethylhexyl)phthalate	1800	240	2100	ug/Kg	103		0		42	169	20
Di-n-octyl phthalate	1800	0	2100	ug/Kg	117		0		23	175	20
Benzo(b)fluoranthene	1800	790	2700	ug/Kg	106		6		67	121	20
Benzo(k)fluoranthene	1800	340	2200	ug/Kg	103		0		57	134	20
Benzo(a)pyrene	1800	660	2600	ug/Kg	108		0		70	142	20
Indeno(1,2,3-cd)pyrene	1800	350	2100	ug/Kg	97		5		40	129	20
Dibenz(a,h)anthracene	1800	100	1800	ug/Kg	94		5		43	123	20
Benzo(g,h,i)perylene	1800	460	2100	ug/Kg	91		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1800	0	2000	ug/Kg	111		5		69	124	20
1,4-Dioxane	1800	0	1700	ug/Kg	94		0		46	112	20
2,3,4,6-Tetrachlorophenol	1800	0	1900	ug/Kg	106		0		69	112	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8270E **DataFile:** BF142070.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167274BS	Benzaldehyde	1700	600	ug/Kg	35				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	710	ug/Kg	42				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1800	ug/Kg	106				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	5200	ug/Kg	158				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	950	ug/Kg	56				28	100	
	Acenaphthene	1700	1800	ug/Kg	106		*		57	104	
	2,4-Dinitrophenol	3300	3400	ug/Kg	103				37	128	
	4-Nitrophenol	3300	3400	ug/Kg	103				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8270E **DataFile:** BF142070.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167274BS	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98	
	Atrazine	1700	2100	ug/Kg	124				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1800	ug/Kg	106		*		59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	990	ug/Kg	58				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1400	ug/Kg	82				63	101	
	Dibenz(a,h)anthracene	1700	1400	ug/Kg	82				61	112	
	Benzo(g,h,i)perylene	1700	1300	ug/Kg	76				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1700	ug/Kg	100				53	101	
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167274BL

Lab Name: CHEMTECH Contract: WALS01

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

Lab File ID: BF142069.D Lab Sample ID: PB167274BL

Instrument ID: BNA_F Date Extracted: 03/24/2025

Matrix: (soil/water) SOIL Date Analyzed: 03/25/2025

Level: (low/med) LOW Time Analyzed: 10:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167274BS	PB167274BS	BF142070.D	03/25/2025
CO-32-1	Q1626-01	BF142064.D	03/24/2025
CO-32-1MS	Q1626-01MS	BF142065.D	03/24/2025
CO-32-1MSD	Q1626-01MSD	BF142066.D	03/24/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: WALS01

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

Lab File ID: BF141896.D DFTPP Injection Date: 03/10/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.7
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	25
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	35
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69 2-Value is % mass 442

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
SSTDICC2.5	SSTDICC2.5	BF141897.D	03/10/2025	11:01
SSTDICC005	SSTDICC005	BF141898.D	03/10/2025	11:30
SSTDICC010	SSTDICC010	BF141899.D	03/10/2025	12:00
SSTDICC020	SSTDICC020	BF141900.D	03/10/2025	12:29
SSTDICCC040	SSTDICCC040	BF141901.D	03/10/2025	12:58
SSTDICC060	SSTDICC060	BF141903.D	03/10/2025	13:57
SSTDICC080	SSTDICC080	BF141904.D	03/10/2025	14:27
SSTDICC050	SSTDICC050	BF141905.D	03/10/2025	15:20

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: WALS01

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

Lab File ID: BF142044.D DFTPP Injection Date: 03/24/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.1
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	30.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 2

1-Value is % mass 69 2-Value is % mass 442

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
SSTDCCC040	SSTDCCC040	BF142045.D	03/24/2025	10:17
CO-32-1	Q1626-01	BF142064.D	03/24/2025	19:53
CO-32-1MS	Q1626-01MS	BF142065.D	03/24/2025	20:22
CO-32-1MSD	Q1626-01MSD	BF142066.D	03/24/2025	20:51

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: WALS01

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

Lab File ID: BF142067.D DFTPP Injection Date: 03/25/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.1
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	27.5
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	39.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.6
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69 2-Value is % mass 442

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
SSTDCCC040	SSTDCCC040	BF142068.D	03/25/2025	10:09
PB167274BL	PB167274BL	BF142069.D	03/25/2025	10:39
PB167274BS	PB167274BS	BF142070.D	03/25/2025	11:09

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/24/2025

Lab File ID: BF142045.D Time Analyzed: 10:17

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #		RT #
	12 HOUR STD	161989	6.875	619308	8.16	352913		9.91
	UPPER LIMIT	323978	7.375	1238620	8.657	705826		10.41
	LOWER LIMIT	80994.5	6.375	309654	7.657	176457		9.41
	EPA SAMPLE NO.							
01	CO-32-1	116014	6.88	398449	8.16	182155		9.91
02	CO-32-1MS	114525	6.88	389746	8.16	183781		9.91
03	CO-32-1MSD	101511	6.88	357350	8.16	170553	*	9.91

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/24/2025

Lab File ID: BF142045.D Time Analyzed: 10:17

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	604220	11.398	331741	14.039	322359	15.51
	UPPER LIMIT	1208440	11.898	663482	14.539	644718	16.01
	LOWER LIMIT	302110	10.898	165871	13.539	161180	15.01
	EPA SAMPLE NO.						
01	CO-32-1	306975	11.39	317887	14.04	212254	15.52
02	CO-32-1MS	306039	11.40	273085	14.05	196549	15.52
03	CO-32-1MSD	324399	11.40	259606	14.05	186036	15.52

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/25/2025

Lab File ID: BF142068.D Time Analyzed: 10:09

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	160336	6.875	599217	8.16	347065	9.91
	UPPER LIMIT	320672	7.375	1198430	8.657	694130	10.41
	LOWER LIMIT	80168	6.375	299609	7.657	173533	9.41
	EPA SAMPLE NO.						
01	PB167274BL	136368	6.88	549780	8.15	317708	9.91
02	PB167274BS	129139	6.88	522093	8.16	302608	9.91

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/25/2025

Lab File ID: BF142068.D Time Analyzed: 10:09

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	578583	11.398	306767	14.033	312865	15.51
	UPPER LIMIT	1157170	11.898	613534	14.533	625730	16.01
	LOWER LIMIT	289292	10.898	153384	13.533	156433	15.01
	EPA SAMPLE NO.						
01	PB167274BL	598292	11.39	346843	14.03	240104	15.51
02	PB167274BS	543533	11.40	302856	14.03	273867	15.50

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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 UPPER 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

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167274BL	SDG No.:	Q1626
Lab Sample ID:	PB167274BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142069.D	1	03/24/25 08:15	03/25/25 10:39	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167274BL	SDG No.:	Q1626
Lab Sample ID:	PB167274BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142069.D	1	03/24/25 08:15	03/25/25 10:39	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167274BL	SDG No.:	Q1626
Lab Sample ID:	PB167274BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142069.D	1	03/24/25 08:15	03/25/25 10:39	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	146		18 - 112	97%	SPK: 150
13127-88-3	Phenol-d6	139		15 - 107	93%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.8		18 - 107	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.5		20 - 109	100%	SPK: 100
118-79-6	2,4,6-Tribromophenol	169		10 - 116	113%	SPK: 150
1718-51-0	Terphenyl-d14	125	*	10 - 105	125%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	136000	6.875			
1146-65-2	Naphthalene-d8	550000	8.151			
15067-26-2	Acenaphthene-d10	318000	9.91			
1517-22-2	Phenanthrene-d10	598000	11.392			
1719-03-5	Chrysene-d12	347000	14.033			
1520-96-3	Perylene-d12	240000	15.509			

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

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167274BS	SDG No.:	Q1626
Lab Sample ID:	PB167274BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142070.D	1	03/24/25 08:15	03/25/25 11:09	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	600		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1600		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		37.5	170	ug/Kg
98-86-2	Acetophenone	1600		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1700		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	710		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		25.3	170	ug/Kg
105-60-2	Caprolactam	1800		52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5200	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167274BS	SDG No.:	Q1626
Lab Sample ID:	PB167274BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142070.D	1	03/24/25 08:15	03/25/25 11:09	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	950		46.0	170	ug/Kg
83-32-9	Acenaphthene	1800		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3400	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		50.1	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1500		64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		25.3	170	ug/Kg
1912-24-9	Atrazine	2100		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3200	E	51.3	330	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1800		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	990		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167274BS	SDG No.:	Q1626
Lab Sample ID:	PB167274BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142070.D	1	03/24/25 08:15	03/25/25 11:09	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1400		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	151		18 - 112	101%	SPK: 150
13127-88-3	Phenol-d6	147		15 - 107	98%	SPK: 150
4165-60-0	Nitrobenzene-d5	104		18 - 107	104%	SPK: 100
321-60-8	2-Fluorobiphenyl	104		20 - 109	104%	SPK: 100
118-79-6	2,4,6-Tribromophenol	184	*	10 - 116	123%	SPK: 150
1718-51-0	Terphenyl-d14	129	*	10 - 105	129%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	129000	6.875			
1146-65-2	Naphthalene-d8	522000	8.157			
15067-26-2	Acenaphthene-d10	303000	9.91			
1517-22-2	Phenanthrene-d10	544000	11.398			
1719-03-5	Chrysene-d12	303000	14.033			
1520-96-3	Perylene-d12	274000	15.504			

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

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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-32-1MS	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142065.D	1	03/24/25 08:15	03/24/25 20:22	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1900		160	350	ug/Kg
108-95-2	Phenol	1700		23.3	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		25.6	180	ug/Kg
95-57-8	2-Chlorophenol	1800		25.7	180	ug/Kg
95-48-7	2-Methylphenol	1700		31.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		39.5	180	ug/Kg
98-86-2	Acetophenone	2000		31.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	1600		43.3	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		49.9	84.2	ug/Kg
67-72-1	Hexachloroethane	1700		18.5	180	ug/Kg
98-95-3	Nitrobenzene	1900		19.3	180	ug/Kg
78-59-1	Isophorone	1900		34.5	180	ug/Kg
88-75-5	2-Nitrophenol	1900		61.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2500		68.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		32.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		29.8	180	ug/Kg
91-20-3	Naphthalene	1900		23.9	180	ug/Kg
106-47-8	4-Chloroaniline	550		37.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	2000		26.6	180	ug/Kg
105-60-2	Caprolactam	1600		54.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		30.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	1600		27.0	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1400		120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		20.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		30.6	180	ug/Kg
92-52-4	1,1-Biphenyl	2000		22.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	2000		23.7	180	ug/Kg
88-74-4	2-Nitroaniline	2000		50.6	180	ug/Kg
131-11-3	Dimethylphthalate	2000		28.5	180	ug/Kg

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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-32-1MS	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142065.D	1	03/24/25 08:15	03/24/25 20:22	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2100		30.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		35.4	180	ug/Kg
99-09-2	3-Nitroaniline	1500		48.4	180	ug/Kg
83-32-9	Acenaphthene	1800		22.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	720		240	350	ug/Kg
100-02-7	4-Nitrophenol	4000	E	110	350	ug/Kg
132-64-9	Dibenzofuran	1800		23.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		52.7	180	ug/Kg
84-66-2	Diethylphthalate	1900		29.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		28.1	180	ug/Kg
86-73-7	Fluorene	1900		26.6	180	ug/Kg
100-01-6	4-Nitroaniline	1700		67.6	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390		110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		34.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		29.3	180	ug/Kg
118-74-1	Hexachlorobenzene	2000		26.6	180	ug/Kg
1912-24-9	Atrazine	2300		35.8	180	ug/Kg
87-86-5	Pentachlorophenol	4300	E	54.0	350	ug/Kg
85-01-8	Phenanthrene	2600		22.0	180	ug/Kg
120-12-7	Anthracene	2200		35.1	180	ug/Kg
86-74-8	Carbazole	2100		32.8	180	ug/Kg
84-74-2	Di-n-butylphthalate	2000		50.4	180	ug/Kg
206-44-0	Fluoranthene	3300	E	31.6	180	ug/Kg
129-00-0	Pyrene	2500		37.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	1800		75.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	900		38.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	2600		24.2	180	ug/Kg
218-01-9	Chrysene	2500		20.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		62.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		91.4	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800		20.0	180	ug/Kg

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

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-32-1MS	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142065.D	1	03/24/25 08:15	03/24/25 20:22	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2200		23.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	2600		31.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		30.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		28.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		27.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		27.0	180	ug/Kg
123-91-1	1,4-Dioxane	1700		47.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		28.8	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	102		18 - 112	68%	SPK: 150
13127-88-3	Phenol-d6	94.1		15 - 107	63%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.2		18 - 107	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.0		20 - 109	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113		10 - 116	75%	SPK: 150
1718-51-0	Terphenyl-d14	69.2		10 - 105	69%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	115000	6.875			
1146-65-2	Naphthalene-d8	390000	8.157			
15067-26-2	Acenaphthene-d10	184000	9.91			
1517-22-2	Phenanthrene-d10	306000	11.398			
1719-03-5	Chrysene-d12	273000	14.045			
1520-96-3	Perylene-d12	197000	15.521			

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

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

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-32-1MSD	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142066.D	1	03/24/25 08:15	03/24/25 20:51	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1900		160	350	ug/Kg
108-95-2	Phenol	1700		23.2	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		25.6	180	ug/Kg
95-57-8	2-Chlorophenol	1800		25.7	180	ug/Kg
95-48-7	2-Methylphenol	1700		31.4	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		39.4	180	ug/Kg
98-86-2	Acetophenone	1800		31.0	180	ug/Kg
65794-96-9	3+4-Methylphenols	1600		43.2	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		49.9	84.1	ug/Kg
67-72-1	Hexachloroethane	1600		18.5	180	ug/Kg
98-95-3	Nitrobenzene	1800		19.2	180	ug/Kg
78-59-1	Isophorone	1800		34.5	180	ug/Kg
88-75-5	2-Nitrophenol	1600		61.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		68.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		32.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		29.8	180	ug/Kg
91-20-3	Naphthalene	1800		23.9	180	ug/Kg
106-47-8	4-Chloroaniline	700		37.2	180	ug/Kg
87-68-3	Hexachlorobutadiene	2000		26.6	180	ug/Kg
105-60-2	Caprolactam	1600		54.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		30.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	1500		26.9	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	980		120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		20.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		30.6	180	ug/Kg
92-52-4	1,1-Biphenyl	1900		22.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	1900		23.7	180	ug/Kg
88-74-4	2-Nitroaniline	2000		50.6	180	ug/Kg
131-11-3	Dimethylphthalate	1800		28.5	180	ug/Kg

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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-32-1MSD	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142066.D	1	03/24/25 08:15	03/24/25 20:51	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2100		30.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		35.3	180	ug/Kg
99-09-2	3-Nitroaniline	1800		48.4	180	ug/Kg
83-32-9	Acenaphthene	1700		22.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	440		240	350	ug/Kg
100-02-7	4-Nitrophenol	4100	E	110	350	ug/Kg
132-64-9	Dibenzofuran	1800		23.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		52.7	180	ug/Kg
84-66-2	Diethylphthalate	1800		29.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		28.1	180	ug/Kg
86-73-7	Fluorene	2000		26.6	180	ug/Kg
100-01-6	4-Nitroaniline	1900		67.5	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	J	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		34.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		29.2	180	ug/Kg
118-74-1	Hexachlorobenzene	1800		26.6	180	ug/Kg
1912-24-9	Atrazine	2100		35.8	180	ug/Kg
87-86-5	Pentachlorophenol	4000	E	54.0	350	ug/Kg
85-01-8	Phenanthrene	2400		22.0	180	ug/Kg
120-12-7	Anthracene	2000		35.0	180	ug/Kg
86-74-8	Carbazole	2000		32.8	180	ug/Kg
84-74-2	Di-n-butylphthalate	1900		50.4	180	ug/Kg
206-44-0	Fluoranthene	3100	E	31.6	180	ug/Kg
129-00-0	Pyrene	2600		37.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	2000		75.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		38.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	2500		24.2	180	ug/Kg
218-01-9	Chrysene	2400		20.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		62.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		91.3	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700		20.0	180	ug/Kg

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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-32-1MSD	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142066.D	1	03/24/25 08:15	03/24/25 20:51	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2200		23.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	2600		31.0	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		30.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		28.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		27.0	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		26.9	180	ug/Kg
123-91-1	1,4-Dioxane	1700		47.5	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		28.8	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	100		18 - 112	67%	SPK: 150
13127-88-3	Phenol-d6	92.1		15 - 107	61%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.8		18 - 107	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.7		20 - 109	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	118		10 - 116	79%	SPK: 150
1718-51-0	Terphenyl-d14	75.6		10 - 105	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	102000	6.875			
1146-65-2	Naphthalene-d8	357000	8.157			
15067-26-2	Acenaphthene-d10	171000	9.91			
1517-22-2	Phenanthrene-d10	324000	11.398			
1719-03-5	Chrysene-d12	260000	14.045			
1520-96-3	Perylene-d12	186000	15.521			

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

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Mar 10 15:46:22 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF141897.D 5 =BF141898.D 10 =BF141899.D 20 =BF141900.D 40 =BF141901.D 50 =BF141905.D 60 =BF141903.D 80 =BF1419
04.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.490	0.482	0.536	0.504	0.495	0.501	0.508	0.502	3.43
3)		Pyridine		1.217	1.204	1.334	1.221	1.203	1.209	1.233	1.232	3.77
4)		n-Nitrosodimet...		0.554	0.556	0.621	0.583	0.595	0.594	0.607	0.587	4.26
5)	S	2-Fluorophenol		1.267	1.243	1.298	1.148	1.162	1.146	1.124	1.198	5.79
6)		Aniline		1.599	1.602	1.640	1.465	1.443	1.435	1.351	1.505	7.20
7)	S	Phenol-d6		1.623	1.593	1.644	1.442	1.483	1.471	1.424	1.526	5.99
8)		2-Chlorophenol		1.421	1.354	1.434	1.259	1.295	1.284	1.256	1.329	5.63
9)		Benzaldehyde			1.021	0.975	0.778	0.778	0.716		0.853	15.85
10)	C	Phenol		1.708	1.675	1.747	1.536	1.542	1.532	1.496	1.605	6.30
11)		bis(2-Chloroet...		1.287	1.246	1.281	1.144	1.175	1.176	1.127	1.205	5.43
12)		1,3-Dichlorobe...		1.475	1.489	1.538	1.373	1.401	1.401	1.367	1.435	4.59
13)	C	1,4-Dichlorobe...		1.514	1.503	1.548	1.393	1.408	1.420	1.376	1.452	4.71
14)		1,2-Dichlorobe...		1.461	1.417	1.460	1.303	1.315	1.343	1.273	1.367	5.69
15)		Benzyl Alcohol		1.236	1.252	1.322	1.185	1.214	1.246	1.180	1.233	3.91
16)		2,2'-oxybis(1-...		1.591	1.525	1.534	1.363	1.387	1.472	1.313	1.455	7.07
17)		2-Methylphenol		1.080	1.050	1.122	1.008	1.038	1.079	1.021	1.057	3.73
18)		Hexachloroethane		0.545	0.551	0.576	0.517	0.540	0.560	0.522	0.544	3.76
19)	P	n-Nitroso-di-n...	1.020	1.024	1.000	1.043	0.913	0.940	0.991	0.912	0.980	5.29
20)		3+4-Methylphenols		1.449	1.394	1.470	1.294	1.311	1.334	1.223	1.354	6.55
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.514	0.493	0.513	0.460	0.450	0.469	0.453	0.479	5.76
23)	S	Nitrobenzene-d5		0.345	0.356	0.379	0.348	0.344	0.363	0.353	0.355	3.47
24)		Nitrobenzene		0.347	0.351	0.375	0.346	0.343	0.359	0.352	0.353	3.07
25)		Isophorone		0.647	0.620	0.655	0.600	0.605	0.648	0.622	0.628	3.49
26)	C	2-Nitrophenol		0.150	0.159	0.182	0.175	0.179	0.188	0.181	0.173	7.88
27)		2,4-Dimethylph...		0.247	0.234	0.251	0.231	0.233	0.244	0.232	0.239	3.45
28)		bis(2-Chloroet...		0.411	0.406	0.416	0.372	0.377	0.397	0.378	0.394	4.63
29)	C	2,4-Dichloroph...		0.292	0.295	0.309	0.286	0.295	0.303	0.294	0.296	2.54
30)		1,2,4-Trichlor...		0.337	0.325	0.342	0.310	0.318	0.333	0.322	0.327	3.50
31)		Naphthalene		1.104	1.075	1.101	0.984	1.001	0.973	0.954	1.027	6.22
32)		Benzoic acid			0.149	0.191	0.208	0.228	0.242	0.241	0.210	17.07
33)		4-Chloroaniline		0.383	0.378	0.393	0.351	0.354	0.352	0.329	0.363	6.14
34)	C	Hexachlorobuta...		0.211	0.211	0.221	0.203	0.214	0.214	0.216	0.213	2.52
35)		Caprolactam		0.092	0.089	0.094	0.084	0.088	0.090	0.094	0.090	4.00
36)	C	4-Chloro-3-met...		0.334	0.331	0.349	0.318	0.329	0.334	0.320	0.331	3.13
37)		2-Methylnaphth...		0.746	0.709	0.733	0.653	0.655	0.667	0.645	0.687	6.09
38)		1-Methylnaphth...		0.717	0.691	0.721	0.623	0.619	0.647	0.620	0.663	6.95

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.615	0.604	0.626	0.592	0.597	0.606	0.623	0.609	2.11
41)	P	Hexachlorocycl...	0.204	0.221	0.249	0.250	0.237	0.252	0.256	0.238	8.03
42)	S	2,4,6-Tribromo...	0.234	0.236	0.259	0.250	0.259	0.265	0.272	0.254	5.67
43)	C	2,4,6-Trichlor...	0.388	0.389	0.402	0.398	0.400	0.401	0.409	0.398	1.91
44)		2,4,5-Trichlor...	0.396	0.391	0.422	0.389	0.400	0.415	0.407	0.403	3.05
45)	S	2-Fluorobiphenyl	1.430	1.379	1.379	1.254	1.272	1.246	1.246	1.315	5.95
46)		1,1'-Biphenyl	1.636	1.573	1.591	1.454	1.502	1.431	1.450	1.520	5.29
47)		2-Chloronaphth...	1.197	1.141	1.181	1.091	1.129	1.090	1.100	1.133	3.82
48)		2-Nitroaniline	0.296	0.314	0.346	0.322	0.356	0.332	0.330	0.328	6.08
49)		Acenaphthylene	1.765	1.740	1.778	1.635	1.664	1.595	1.589	1.681	4.74
50)		Dimethylphthalate	1.481	1.414	1.469	1.329	1.425	1.345	1.341	1.401	4.47
51)		2,6-Dinitrotol...	0.277	0.279	0.305	0.285	0.307	0.296	0.292	0.292	4.11
52)	C	Acenaphthene	1.236	1.195	1.231	1.146	1.144	1.165	1.152	1.181	3.37
53)		3-Nitroaniline	0.291	0.295	0.316	0.293	0.283	0.301	0.291	0.296	3.61
54)	P	2,4-Dinitrophenol		0.085	0.124	0.142	0.153	0.161	0.169	0.139	22.02
55)		Dibenzofuran	1.849	1.787	1.791	1.614	1.607	1.596	1.570	1.688	6.87
56)	P	4-Nitrophenol	0.192	0.216	0.234	0.230	0.229	0.230	0.230	0.223	6.60
57)		2,4-Dinitrotol...	0.365	0.382	0.402	0.375	0.383	0.383	0.376	0.381	2.95
58)		Fluorene	1.443	1.361	1.381	1.229	1.243	1.234	1.220	1.302	7.01
59)		2,3,4,6-Tetrac...	0.355	0.365	0.390	0.359	0.364	0.366	0.369	0.367	3.05
60)		Diethylphthalate	1.475	1.471	1.497	1.336	1.357	1.338	1.302	1.397	5.80
61)		4-Chlorophenyl...	0.730	0.688	0.702	0.643	0.664	0.656	0.667	0.679	4.41
62)		4-Nitroaniline	0.284	0.288	0.304	0.288	0.287	0.286	0.278	0.288	2.73
63)		Azobenzene	1.392	1.363	1.404	1.245	1.261	1.226	1.197	1.298	6.57
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.083	0.111	0.121	0.130	0.133	0.137	0.119	16.61
66)	c	n-Nitrosodiphe...	0.675	0.651	0.671	0.620	0.638	0.638	0.637	0.647	3.03
67)		4-Bromophenyl-...	0.240	0.249	0.255	0.244	0.263	0.245	0.262	0.251	3.55
68)		Hexachlorobenzene	0.262	0.267	0.284	0.269	0.283	0.271	0.292	0.275	3.92
69)		Atrazine	0.216	0.213	0.193	0.164	0.206			0.198	10.72
70)	C	Pentachlorophenol	0.130	0.151	0.172	0.177	0.180	0.186	0.191	0.170	12.66
71)		Phenanthrene	1.155	1.151	1.138	1.038	1.026	1.032	1.023	1.080	5.90
72)		Anthracene	1.173	1.139	1.139	1.046	1.026	1.036	1.026	1.084	5.89
73)		Carbazole	0.996	0.994	0.985	0.908	0.903	0.892	0.864	0.935	5.91
74)		Di-n-butylphth...	1.320	1.321	1.319	1.177	1.238	1.175	1.132	1.240	6.50
75)	C	Fluoranthene	1.234	1.226	1.228	1.108	1.148	1.059	1.017	1.146	7.66
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.347	0.309	0.190	0.360	0.220	0.275	0.252	0.279	22.73
78)		Pyrene	1.695	1.651	1.727	1.611	1.877	1.823	1.726	1.730	5.38
79)	S	Terphenyl-d14	1.343	1.309	1.360	1.276	1.380	1.417	1.384	1.353	3.56
80)		Butylbenzylpht...	0.629	0.656	0.702	0.655	0.703	0.717	0.677	0.677	4.72
81)		Benzo(a)anthra...	1.370	1.304	1.334	1.273	1.294	1.317	1.294	1.312	2.41
82)		3,3'-Dichlorob...	0.370	0.389	0.380	0.372	0.365	0.394	0.384	0.379	2.78
83)		Chrysene	1.143	1.194	1.260	1.136	1.192	1.213	1.189	1.190	3.53
84)		Bis(2-ethylhex...	0.897	0.912	0.966	0.904	0.978	0.952	0.927	0.934	3.43
85)	c	Di-n-octyl pht...	1.145	1.219	1.338	1.265	1.376	1.390	1.361	1.299	7.10

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.097	1.142	1.308	1.287	1.322	1.472	1.429	1.294	10.60
88)		Benzo(b)fluora...	1.420	1.310	1.485	1.210	1.346	1.390	1.434	1.371	6.65
89)		Benzo(k)fluora...	1.162	1.268	1.197	1.205	1.129	1.210	1.041	1.173	6.16
90)	C	Benzo(a)pyrene	1.040	1.042	1.123	1.036	1.083	1.083	1.101	1.073	3.16
91)		Dibenzo(a,h)an...	0.910	0.953	1.073	1.068	1.095	1.195	1.178	1.067	9.91
92)		Benzo(g,h,i)pe...	0.912	0.949	1.061	1.065	1.064	1.167	1.167	1.055	9.24

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

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

Instrument ID: BNA_F Calibration Date/Time: 03/24/2025 10:17

Lab File ID: BF142045.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.135		-5.3	
Benzaldehyde	0.853	0.810		-5.0	
Phenol-d6	1.526	1.423		-6.8	
Phenol	1.605	1.494		-6.9	20.0
bis(2-Chloroethyl)ether	1.205	1.092		-9.4	
2-Chlorophenol	1.329	1.251		-5.9	
2-Methylphenol	1.057	0.966		-8.6	
2,2-oxybis(1-Chloropropane)	1.455	1.202		-17.4	
Acetophenone	0.479	0.446		-6.9	
3+4-Methylphenols	1.354	1.242		-8.3	
n-Nitroso-di-n-propylamine	0.980	0.824	0.050	-15.9	
Nitrobenzene-d5	0.355	0.342		-3.7	
Hexachloroethane	0.544	0.511		-6.1	
Nitrobenzene	0.353	0.335		-5.1	
Isophorone	0.628	0.567		-9.7	
2-Nitrophenol	0.173	0.177		2.3	20.0
2,4-Dimethylphenol	0.239	0.227		-5.0	
bis(2-Chloroethoxy)methane	0.394	0.359		-8.9	
2,4-Dichlorophenol	0.296	0.291		-1.7	20.0
Naphthalene	1.027	0.984		-4.2	
4-Chloroaniline	0.363	0.340		-6.3	
Hexachlorobutadiene	0.213	0.211		-0.9	20.0
Caprolactam	0.090	0.084		-6.7	
4-Chloro-3-methylphenol	0.331	0.308		-6.9	20.0
2-Methylnaphthalene	0.687	0.652		-5.1	
Hexachlorocyclopentadiene	0.238	0.212	0.050	-10.9	
2,4,6-Trichlorophenol	0.398	0.380		-4.5	20.0
2-Fluorobiphenyl	1.315	1.233		-6.2	
2,4,5-Trichlorophenol	0.403	0.403		0.0	
1,1-Biphenyl	1.520	1.438		-5.4	
2-Chloronaphthalene	1.133	1.086		-4.1	
2-Nitroaniline	0.328	0.305		-7.0	
Dimethylphthalate	1.401	1.309		-6.6	
Acenaphthylene	1.681	1.594		-5.2	
2,6-Dinitrotoluene	0.292	0.286		-2.1	
3-Nitroaniline	0.296	0.274		-7.4	
Acenaphthene	1.181	1.131		-4.2	20.0
2,4-Dinitrophenol	0.139	0.144	0.050	3.6	
4-Nitrophenol	0.223	0.208	0.050	-6.7	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

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

Instrument ID: BNA_F Calibration Date/Time: 03/24/2025 10:17

Lab File ID: BF142045.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.688	1.591		-5.7	
2,4-Dinitrotoluene	0.381	0.377		-1.0	
Diethylphthalate	1.397	1.301		-6.9	
4-Chlorophenyl-phenylether	0.679	0.633		-6.8	
Fluorene	1.302	1.227		-5.8	
4-Nitroaniline	0.288	0.257		-10.8	
4,6-Dinitro-2-methylphenol	0.119	0.123		3.4	
n-Nitrosodiphenylamine	0.647	0.605		-6.5	20.0
2,4,6-Tribromophenol	0.254	0.254		0.0	
4-Bromophenyl-phenylether	0.251	0.244		-2.8	
Hexachlorobenzene	0.275	0.280		1.8	
Atrazine	0.198	0.204		3.0	
Pentachlorophenol	0.170	0.173		1.8	20.0
Phenanthrene	1.080	1.029		-4.7	
Anthracene	1.084	1.036		-4.4	
Carbazole	0.935	0.844		-9.7	
Di-n-butylphthalate	1.240	1.110		-10.5	
Fluoranthene	1.146	1.005		-12.3	20.0
Pyrene	1.730	1.806		4.4	
Terphenyl-d14	1.353	1.374		1.6	
Butylbenzylphthalate	0.677	0.642		-5.2	
3,3-Dichlorobenzidine	0.379	0.374		-1.3	
Benzo(a)anthracene	1.312	1.258		-4.1	
Chrysene	1.190	1.133		-4.8	
Bis(2-ethylhexyl)phthalate	0.934	0.836		-10.5	
Di-n-octyl phthalate	1.299	1.256		-3.3	20.0
Benzo(b)fluoranthene	1.371	1.316		-4.0	
Benzo(k)fluoranthene	1.173	1.014		-13.6	
Benzo(a)pyrene	1.073	1.021		-4.8	20.0
Indeno(1,2,3-cd)pyrene	1.294	1.123		-13.2	
Dibenzo(a,h)anthracene	1.067	0.902		-15.5	
Benzo(g,h,i)perylene	1.055	0.907		-14.0	
1,2,4,5-Tetrachlorobenzene	0.609	0.593		-2.6	
1,4-Dioxane	0.502	0.471		-6.2	20.0
2,3,4,6-Tetrachlorophenol	0.367	0.361		-1.6	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

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

Instrument ID: BNA_F Calibration Date/Time: 03/25/2025 10:09

Lab File ID: BF142068.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.114		-7.0	
Benzaldehyde	0.853	0.796		-6.7	
Phenol-d6	1.526	1.410		-7.6	
Phenol	1.605	1.469		-8.5	20.0
bis(2-Chloroethyl)ether	1.205	1.073		-11.0	
2-Chlorophenol	1.329	1.259		-5.3	
2-Methylphenol	1.057	0.968		-8.4	
2,2-oxybis(1-Chloropropane)	1.455	1.218		-16.3	
Acetophenone	0.479	0.458		-4.4	
3+4-Methylphenols	1.354	1.221		-9.8	
n-Nitroso-di-n-propylamine	0.980	0.829	0.050	-15.4	
Nitrobenzene-d5	0.355	0.354		-0.3	
Hexachloroethane	0.544	0.512		-5.9	
Nitrobenzene	0.353	0.340		-3.7	
Isophorone	0.628	0.562		-10.5	
2-Nitrophenol	0.173	0.183		5.8	20.0
2,4-Dimethylphenol	0.239	0.221		-7.5	
bis(2-Chloroethoxy)methane	0.394	0.357		-9.4	
2,4-Dichlorophenol	0.296	0.293		-1.0	20.0
Naphthalene	1.027	0.989		-3.7	
4-Chloroaniline	0.363	0.352		-3.0	
Hexachlorobutadiene	0.213	0.215		0.9	20.0
Caprolactam	0.090	0.086		-4.4	
4-Chloro-3-methylphenol	0.331	0.313		-5.4	20.0
2-Methylnaphthalene	0.687	0.645		-6.1	
Hexachlorocyclopentadiene	0.238	0.202	0.050	-15.1	
2,4,6-Trichlorophenol	0.398	0.377		-5.3	20.0
2-Fluorobiphenyl	1.315	1.251		-4.9	
2,4,5-Trichlorophenol	0.403	0.413		2.5	
1,1-Biphenyl	1.520	1.429		-6.0	
2-Chloronaphthalene	1.133	1.072		-5.4	
2-Nitroaniline	0.328	0.311		-5.2	
Dimethylphthalate	1.401	1.351		-3.6	
Acenaphthylene	1.681	1.621		-3.6	
2,6-Dinitrotoluene	0.292	0.294		0.7	
3-Nitroaniline	0.296	0.280		-5.4	
Acenaphthene	1.181	1.158		-1.9	20.0
2,4-Dinitrophenol	0.139	0.163	0.050	17.3	
4-Nitrophenol	0.223	0.217	0.050	-2.7	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

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

Instrument ID: BNA_F Calibration Date/Time: 03/25/2025 10:09

Lab File ID: BF142068.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.688	1.598		-5.3	
2,4-Dinitrotoluene	0.381	0.386		1.3	
Diethylphthalate	1.397	1.339		-4.2	
4-Chlorophenyl-phenylether	0.679	0.658		-3.1	
Fluorene	1.302	1.253		-3.8	
4-Nitroaniline	0.288	0.271		-5.9	
4,6-Dinitro-2-methylphenol	0.119	0.141		18.5	
n-Nitrosodiphenylamine	0.647	0.639		-1.2	20.0
2,4,6-Tribromophenol	0.254	0.262		3.2	
4-Bromophenyl-phenylether	0.251	0.245		-2.4	
Hexachlorobenzene	0.275	0.279		1.5	
Atrazine	0.198	0.202		2.0	
Pentachlorophenol	0.170	0.174		2.4	20.0
Phenanthrene	1.080	1.027		-4.9	
Anthracene	1.084	1.033		-4.7	
Carbazole	0.935	0.850		-9.1	
Di-n-butylphthalate	1.240	1.177		-5.1	
Fluoranthene	1.146	1.022		-10.8	20.0
Pyrene	1.730	1.878		8.6	
Terphenyl-d14	1.353	1.473		8.9	
Butylbenzylphthalate	0.677	0.684		1.0	
3,3-Dichlorobenzidine	0.379	0.376		-0.8	
Benzo(a)anthracene	1.312	1.276		-2.7	
Chrysene	1.190	1.130		-5.0	
Bis(2-ethylhexyl)phthalate	0.934	0.885		-5.2	
Di-n-octyl phthalate	1.299	1.257		-3.2	20.0
Benzo(b)fluoranthene	1.371	1.263		-7.9	
Benzo(k)fluoranthene	1.173	0.993		-15.3	
Benzo(a)pyrene	1.073	0.998		-7.0	20.0
Indeno(1,2,3-cd)pyrene	1.294	1.090		-15.8	
Dibenzo(a,h)anthracene	1.067	0.858		-19.6	
Benzo(g,h,i)perylene	1.055	0.857		-18.8	
1,2,4,5-Tetrachlorobenzene	0.609	0.584		-4.1	
1,4-Dioxane	0.502	0.460		-8.4	20.0
2,3,4,6-Tetrachlorophenol	0.367	0.370		0.8	

All other compounds must meet a minimum RRF of 0.010.

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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**			**03/21/25**			**03/21/25**
			SVOC-TCL BNA -20	8270E		03/24/25	03/24/25	
Q1626-03	**CO-32-1**	**TCLP**			**03/21/25**			**03/21/25**
			TCLP BNA	8270E		03/25/25	03/25/25	

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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 :								
				0.000				
			Total Svoc :			**0.00**		
			Total Concentration:			**0.00**		

SAMPLE DATA

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/25/25
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PB167275TB	SDG No.:	Q1626
Lab Sample ID:	PB167275TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142097.D	1	03/25/25 12:25	03/26/25 15:06	PB167310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	UQ	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	UQ	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	UQ	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	147		10 - 139	98%	SPK: 150
13127-88-3	Phenol-d6	138		10 - 134	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	102		49 - 133	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	103		52 - 132	103%	SPK: 100
118-79-6	2,4,6-Tribromophenol	161		44 - 137	107%	SPK: 150
1718-51-0	Terphenyl-d14	110		48 - 125	110%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	124000	6.869			
1146-65-2	Naphthalene-d8	481000	8.151			
15067-26-2	Acenaphthene-d10	269000	9.91			
1517-22-2	Phenanthrene-d10	489000	11.392			
1719-03-5	Chrysene-d12	341000	14.033			
1520-96-3	Perylene-d12	285000	15.51			

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/25/25
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PB167275TB	SDG No.:	Q1626
Lab Sample ID:	PB167275TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142097.D	1	03/25/25 12:25	03/26/25 15:06	PB167310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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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:	Q1626-03	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142084.D	1	03/25/25 12:25	03/25/25 18:09	PB167310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	UQ	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	UQ	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	UQ	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	143		10 - 139	96%	SPK: 150
13127-88-3	Phenol-d6	135		10 - 134	90%	SPK: 150
4165-60-0	Nitrobenzene-d5	102		49 - 133	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		52 - 132	101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	172		44 - 137	115%	SPK: 150
1718-51-0	Terphenyl-d14	127	*	48 - 125	127%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	156000	6.875			
1146-65-2	Naphthalene-d8	610000	8.151			
15067-26-2	Acenaphthene-d10	348000	9.904			
1517-22-2	Phenanthrene-d10	583000	11.392			
1719-03-5	Chrysene-d12	299000	14.033			
1520-96-3	Perylene-d12	257000	15.504			

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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:	Q1626-03			Matrix:	TCLP
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142084.D	1	03/25/25 12:25	03/25/25 18:09	PB167310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Surrogate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167275TB	PB167275TB	2-Fluorophenol	150	147	98		10	139
		Phenol-d6	150	138	92		10	134
		Nitrobenzene-d5	100	102	102		49	133
		2-Fluorobiphenyl	100	103	103		52	132
		2,4,6-Tribromophenol	150	161	107		44	137
		Terphenyl-d14	100	110	110		48	125
PB167310BL	PB167310BL	2-Fluorophenol	150	147	98		10	139
		Phenol-d6	150	138	92		10	134
		Nitrobenzene-d5	100	103	103		49	133
		2-Fluorobiphenyl	100	105	105		52	132
		2,4,6-Tribromophenol	150	163	109		44	137
		Terphenyl-d14	100	108	108		48	125
PB167310BS	PB167310BS	2-Fluorophenol	150	146	97		10	139
		Phenol-d6	150	140	93		10	134
		Nitrobenzene-d5	100	104	104		49	133
		2-Fluorobiphenyl	100	103	103		52	132
		2,4,6-Tribromophenol	150	179	120		44	137
		Terphenyl-d14	100	107	107		48	125
Q1626-03	CO-32-1	2-Fluorophenol	150	143	96		10	139
		Phenol-d6	150	135	90		10	134
		Nitrobenzene-d5	100	102	102		49	133
		2-Fluorobiphenyl	100	101	101		52	132
		2,4,6-Tribromophenol	150	172	115		44	137
		Terphenyl-d14	100	127	127	*	48	125
Q1627-01MS	GRID-LINE-1.2-NORTHMS	2-Fluorophenol	150	144	96		10	139
		Phenol-d6	150	135	90		10	134
		Nitrobenzene-d5	100	108	108		49	133
		2-Fluorobiphenyl	100	108	108		52	132
		2,4,6-Tribromophenol	150	179	119		44	137
		Terphenyl-d14	100	114	114		48	125
Q1627-01MSD	GRID-LINE-1.2-NORTHMSD	2-Fluorophenol	150	144	96		10	139
		Phenol-d6	150	136	91		10	134
		Nitrobenzene-d5	100	108	108		49	133
		2-Fluorobiphenyl	100	109	109		52	132
		2,4,6-Tribromophenol	150	175	116		44	137
		Terphenyl-d14	100	118	118		48	125

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1627-01MS		**Client Sample ID: GRID-LINE-1.2-NORTHMS**						**DataFile: BF142086.D**			
Pyridine	500	0	400	ug/L	80				10	109	
1,4-Dichlorobenzene	500	0	460	ug/L	92				55	125	
2-Methylphenol	500	0	520	ug/L	104				60	131	
3+4-Methylphenols	500	0	510	ug/L	102				54	136	
Hexachloroethane	500	0	450	ug/L	90				19	146	
Nitrobenzene	500	0	510	ug/L	102				62	112	
Hexachlorobutadiene	500	0	500	ug/L	100				52	125	
2,4,6-Trichlorophenol	500	0	570	ug/L	114	*			78	112	
2,4,5-Trichlorophenol	500	0	590	ug/L	118	*			71	111	
2,4-Dinitrotoluene	500	0	600	ug/L	120				74	137	
Hexachlorobenzene	500	0	620	ug/L	124	*			72	115	
Pentachlorophenol	1000	0	790	ug/L	79				52	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1627-01MSD		**Client Sample ID:** GRID-LINE-1.2-NORTHMSD						**DataFile:** BF142087.D			
Pyridine	500	0	410	ug/L	82		2		10	109	20
1,4-Dichlorobenzene	500	0	460	ug/L	92		0		55	125	20
2-Methylphenol	500	0	530	ug/L	106		2		60	131	20
3+4-Methylphenols	500	0	510	ug/L	102		0		54	136	20
Hexachloroethane	500	0	450	ug/L	90		0		19	146	20
Nitrobenzene	500	0	500	ug/L	100		2		62	112	20
Hexachlorobutadiene	500	0	500	ug/L	100		0		52	125	20
2,4,6-Trichlorophenol	500	0	590	ug/L	118	*	3		78	112	20
2,4,5-Trichlorophenol	500	0	560	ug/L	112	*	5		71	111	20
2,4-Dinitrotoluene	500	0	590	ug/L	118		2		74	137	20
Hexachlorobenzene	500	0	620	ug/L	124	*	0		72	115	20
Pentachlorophenol	1000	0	810	ug/L	81		3		52	162	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8270E **DataFile:** BF142096.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167310BS	Pyridine	50	46.9	ug/L	94				29	97	
	1,4-Dichlorobenzene	50	50.6	ug/L	101				76	103	
	2-Methylphenol	50	49.5	ug/L	99				69	109	
	3+4-Methylphenols	50	48.0	ug/L	96				67	106	
	Hexachloroethane	50	50.1	ug/L	100				76	118	
	Nitrobenzene	50	50.0	ug/L	100				58	106	
	Hexachlorobutadiene	50	53.3	ug/L	107		*		69	101	
	2,4,6-Trichlorophenol	50	50.3	ug/L	101				61	110	
	2,4,5-Trichlorophenol	50	53.2	ug/L	106				70	106	
	2,4-Dinitrotoluene	50	57.8	ug/L	116		*		60	115	
	Hexachlorobenzene	50	53.3	ug/L	107		*		73	106	
	Pentachlorophenol	100	100	ug/L	100				47	114	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167310BL

Lab Name: CHEMTECH Contract: WALS01

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

Lab File ID: BF142095.D Lab Sample ID: PB167310BL

Instrument ID: BNA_F Date Extracted: 03/25/2025

Matrix: (soil/water) water Date Analyzed: 03/26/2025

Level: (low/med) LOW Time Analyzed: 14:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167310BS	PB167310BS	BF142096.D	03/26/2025
PB167275TB	PB167275TB	BF142097.D	03/26/2025
CO-32-1	Q1626-03	BF142084.D	03/25/2025
GRID-LINE-1.2-NORTHMS	Q1627-01MS	BF142086.D	03/25/2025
GRID-LINE-1.2-NORTHMSD	Q1627-01MSD	BF142087.D	03/25/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: WALS01

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

Lab File ID: BF141896.D DFTPP Injection Date: 03/10/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.7
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	25
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	35
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69 2-Value is % mass 442

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
SSTDICC2.5	SSTDICC2.5	BF141897.D	03/10/2025	11:01
SSTDICC005	SSTDICC005	BF141898.D	03/10/2025	11:30
SSTDICC010	SSTDICC010	BF141899.D	03/10/2025	12:00
SSTDICC020	SSTDICC020	BF141900.D	03/10/2025	12:29
SSTDICCC040	SSTDICCC040	BF141901.D	03/10/2025	12:58
SSTDICC060	SSTDICC060	BF141903.D	03/10/2025	13:57
SSTDICC080	SSTDICC080	BF141904.D	03/10/2025	14:27
SSTDICC050	SSTDICC050	BF141905.D	03/10/2025	15:20

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: WALS01

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

Lab File ID: BF142067.D DFTPP Injection Date: 03/25/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.1
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	27.5
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	39.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.6
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69 2-Value is % mass 442

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
SSTDCCC040	SSTDCCC040	BF142068.D	03/25/2025	10:09
CO-32-1	Q1626-03	BF142084.D	03/25/2025	18:09
GRID-LINE-1.2-NORTHMS	Q1627-01MS	BF142086.D	03/25/2025	19:08
GRID-LINE-1.2-NORTHMSD	Q1627-01MSD	BF142087.D	03/25/2025	19:37

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: WALS01

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

Lab File ID: BF142091.D DFTPP Injection Date: 03/26/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.8
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	25.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	24.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69 2-Value is % mass 442

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
SSTDCCC040	SSTDCCC040	BF142092.D	03/26/2025	12:37
PB167310BL	PB167310BL	BF142095.D	03/26/2025	14:07
PB167310BS	PB167310BS	BF142096.D	03/26/2025	14:36
PB167275TB	PB167275TB	BF142097.D	03/26/2025	15:06

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/25/2025

Lab File ID: BF142068.D Time Analyzed: 10:09

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	160336	6.875	599217	8.16	347065	9.91
	UPPER LIMIT	320672	7.375	1198430	8.657	694130	10.41
	LOWER LIMIT	80168	6.375	299609	7.657	173533	9.41
	EPA SAMPLE NO.						
01	CO-32-1	156336	6.88	609764	8.15	348183	9.90
02	GRID-LINE-1.2-NORTHMS	146933	6.88	568677	8.16	316885	9.91
03	GRID-LINE-1.2-NORTHMSD	147582	6.88	576033	8.16	320833	9.91

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/25/2025

Lab File ID: BF142068.D Time Analyzed: 10:09

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	578583	11.398	306767	14.033	312865	15.51
	UPPER LIMIT	1157170	11.898	613534	14.533	625730	16.01
	LOWER LIMIT	289292	10.898	153384	13.533	156433	15.01
	EPA SAMPLE NO.						
01	CO-32-1	583175	11.39	299418	14.03	256921	15.50
02	GRID-LINE-1.2-NORTHMS	518084	11.40	312206	14.03	310091	15.50
03	GRID-LINE-1.2-NORTHMSD	519359	11.40	286436	14.03	306276	15.50

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/26/2025

Lab File ID: BF142092.D Time Analyzed: 12:37

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	126144	6.869	466289	8.15	264545	9.91
	UPPER LIMIT	252288	7.369	932578	8.651	529090	10.41
	LOWER LIMIT	63072	6.369	233145	7.651	132273	9.41
	EPA SAMPLE NO.						
01	PB167310BL	124680	6.87	480516	8.15	261927	9.90
02	PB167275TB	123691	6.87	480597	8.15	269310	9.91
03	PB167310BS	126237	6.87	477255	8.15	273347	9.91

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/26/2025

Lab File ID: BF142092.D Time Analyzed: 12:37

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	490977	11.392	326411	14.033	325355	15.504
	UPPER LIMIT	981954	11.892	652822	14.533	650710	16.004
	LOWER LIMIT	245489	10.892	163206	13.533	162678	15.004
	EPA SAMPLE NO.						
01	PB167310BL	473117	11.39	346676	14.03	279819	15.51
02	PB167275TB	488702	11.39	340590	14.03	284587	15.51
03	PB167310BS	496995	11.40	337990	14.04	323857	15.51

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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 UPPER 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

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167310BL	SDG No.:	Q1626
Lab Sample ID:	PB167310BL	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142095.D	1	03/25/25 12:25	03/26/25 14:07	PB167310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	147		10 - 139	98%	SPK: 150
13127-88-3	Phenol-d6	138		10 - 134	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		49 - 133	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	105		52 - 132	105%	SPK: 100
118-79-6	2,4,6-Tribromophenol	163		44 - 137	109%	SPK: 150
1718-51-0	Terphenyl-d14	108		48 - 125	108%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	125000	6.869			
1146-65-2	Naphthalene-d8	481000	8.151			
15067-26-2	Acenaphthene-d10	262000	9.904			
1517-22-2	Phenanthrene-d10	473000	11.392			
1719-03-5	Chrysene-d12	347000	14.033			
1520-96-3	Perylene-d12	280000	15.51			

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Report of Analysis

Client:	Walsh Construction Company II, LLC			Date Collected:	
Project:	Walsh CO-032 Sampling			Date Received:	
Client Sample ID:	PB167310BL			SDG No.:	Q1626
Lab Sample ID:	PB167310BL			Matrix:	TCLP
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142095.D	1	03/25/25 12:25	03/26/25 14:07	PB167310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167310BS	SDG No.:	Q1626
Lab Sample ID:	PB167310BS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142096.D	1	03/25/25 12:25	03/26/25 14:36	PB167310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	46.9		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	50.6		0.53	5.00	ug/L
95-48-7	2-Methylphenol	49.5		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	48.0		1.10	10.0	ug/L
67-72-1	Hexachloroethane	50.1		0.65	5.00	ug/L
98-95-3	Nitrobenzene	50.0		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	53.3		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	50.3		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	53.2		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	57.8		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	53.3		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	146		10 - 139	97%	SPK: 150
13127-88-3	Phenol-d6	140		10 - 134	93%	SPK: 150
4165-60-0	Nitrobenzene-d5	104		49 - 133	104%	SPK: 100
321-60-8	2-Fluorobiphenyl	103		52 - 132	103%	SPK: 100
118-79-6	2,4,6-Tribromophenol	179		44 - 137	120%	SPK: 150
1718-51-0	Terphenyl-d14	107		48 - 125	107%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	126000	6.869			
1146-65-2	Naphthalene-d8	477000	8.151			
15067-26-2	Acenaphthene-d10	273000	9.91			
1517-22-2	Phenanthrene-d10	497000	11.398			
1719-03-5	Chrysene-d12	338000	14.039			
1520-96-3	Perylene-d12	324000	15.51			

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Report of Analysis

Client:	Walsh Construction Company II, LLC			Date Collected:	
Project:	Walsh CO-032 Sampling			Date Received:	
Client Sample ID:	PB167310BS			SDG No.:	Q1626
Lab Sample ID:	PB167310BS			Matrix:	TCLP
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142096.D	1	03/25/25 12:25	03/26/25 14:36	PB167310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/20/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	GRID-LINE-1.2-NORTHMS	SDG No.:	Q1626
Lab Sample ID:	Q1627-01MS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142086.D	1	03/25/25 12:25	03/25/25 19:08	PB167310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	400		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	460		5.30	50.0	ug/L
95-48-7	2-Methylphenol	520		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	510		11.0	100	ug/L
67-72-1	Hexachloroethane	450		6.50	50.0	ug/L
98-95-3	Nitrobenzene	510		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	500		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	570		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	590		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	600		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	620		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	790		15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	144		10 - 139	96%	SPK: 150
13127-88-3	Phenol-d6	135		10 - 134	90%	SPK: 150
4165-60-0	Nitrobenzene-d5	108		49 - 133	108%	SPK: 100
321-60-8	2-Fluorobiphenyl	108		52 - 132	108%	SPK: 100
118-79-6	2,4,6-Tribromophenol	179		44 - 137	119%	SPK: 150
1718-51-0	Terphenyl-d14	114		48 - 125	114%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	147000	6.875			
1146-65-2	Naphthalene-d8	569000	8.157			
15067-26-2	Acenaphthene-d10	317000	9.91			
1517-22-2	Phenanthrene-d10	518000	11.398			
1719-03-5	Chrysene-d12	312000	14.033			
1520-96-3	Perylene-d12	310000	15.504			

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/20/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	GRID-LINE-1.2-NORTHMS	SDG No.:	Q1626
Lab Sample ID:	Q1627-01MS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142086.D	1	03/25/25 12:25	03/25/25 19:08	PB167310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/20/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	GRID-LINE-1.2-NORTHMSD	SDG No.:	Q1626
Lab Sample ID:	Q1627-01MSD	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142087.D	1	03/25/25 12:25	03/25/25 19:37	PB167310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	410		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	460		5.30	50.0	ug/L
95-48-7	2-Methylphenol	530		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	510		11.0	100	ug/L
67-72-1	Hexachloroethane	450		6.50	50.0	ug/L
98-95-3	Nitrobenzene	500		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	500		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	590		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	560		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	590		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	620		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	810	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	144		10 - 139	96%	SPK: 150
13127-88-3	Phenol-d6	136		10 - 134	91%	SPK: 150
4165-60-0	Nitrobenzene-d5	108		49 - 133	108%	SPK: 100
321-60-8	2-Fluorobiphenyl	109		52 - 132	109%	SPK: 100
118-79-6	2,4,6-Tribromophenol	175		44 - 137	116%	SPK: 150
1718-51-0	Terphenyl-d14	118		48 - 125	118%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	148000	6.875			
1146-65-2	Naphthalene-d8	576000	8.157			
15067-26-2	Acenaphthene-d10	321000	9.91			
1517-22-2	Phenanthrene-d10	519000	11.398			
1719-03-5	Chrysene-d12	286000	14.033			
1520-96-3	Perylene-d12	306000	15.504			

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/20/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	GRID-LINE-1.2-NORTHMSD	SDG No.:	Q1626
Lab Sample ID:	Q1627-01MSD	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142087.D	1	03/25/25 12:25	03/25/25 19:37	PB167310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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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

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Mar 10 15:46:22 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF141897.D 5 =BF141898.D 10 =BF141899.D 20 =BF141900.D 40 =BF141901.D 50 =BF141905.D 60 =BF141903.D 80 =BF1419
04.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.490	0.482	0.536	0.504	0.495	0.501	0.508	0.502	3.43
3)		Pyridine		1.217	1.204	1.334	1.221	1.203	1.209	1.233	1.232	3.77
4)		n-Nitrosodimet...		0.554	0.556	0.621	0.583	0.595	0.594	0.607	0.587	4.26
5)	S	2-Fluorophenol		1.267	1.243	1.298	1.148	1.162	1.146	1.124	1.198	5.79
6)		Aniline		1.599	1.602	1.640	1.465	1.443	1.435	1.351	1.505	7.20
7)	S	Phenol-d6		1.623	1.593	1.644	1.442	1.483	1.471	1.424	1.526	5.99
8)		2-Chlorophenol		1.421	1.354	1.434	1.259	1.295	1.284	1.256	1.329	5.63
9)		Benzaldehyde			1.021	0.975	0.778	0.778	0.716		0.853	15.85
10)	C	Phenol		1.708	1.675	1.747	1.536	1.542	1.532	1.496	1.605	6.30
11)		bis(2-Chloroet...		1.287	1.246	1.281	1.144	1.175	1.176	1.127	1.205	5.43
12)		1,3-Dichlorobe...		1.475	1.489	1.538	1.373	1.401	1.401	1.367	1.435	4.59
13)	C	1,4-Dichlorobe...		1.514	1.503	1.548	1.393	1.408	1.420	1.376	1.452	4.71
14)		1,2-Dichlorobe...		1.461	1.417	1.460	1.303	1.315	1.343	1.273	1.367	5.69
15)		Benzyl Alcohol		1.236	1.252	1.322	1.185	1.214	1.246	1.180	1.233	3.91
16)		2,2'-oxybis(1-...		1.591	1.525	1.534	1.363	1.387	1.472	1.313	1.455	7.07
17)		2-Methylphenol		1.080	1.050	1.122	1.008	1.038	1.079	1.021	1.057	3.73
18)		Hexachloroethane		0.545	0.551	0.576	0.517	0.540	0.560	0.522	0.544	3.76
19)	P	n-Nitroso-di-n...	1.020	1.024	1.000	1.043	0.913	0.940	0.991	0.912	0.980	5.29
20)		3+4-Methylphenols		1.449	1.394	1.470	1.294	1.311	1.334	1.223	1.354	6.55
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.514	0.493	0.513	0.460	0.450	0.469	0.453	0.479	5.76
23)	S	Nitrobenzene-d5		0.345	0.356	0.379	0.348	0.344	0.363	0.353	0.355	3.47
24)		Nitrobenzene		0.347	0.351	0.375	0.346	0.343	0.359	0.352	0.353	3.07
25)		Isophorone		0.647	0.620	0.655	0.600	0.605	0.648	0.622	0.628	3.49
26)	C	2-Nitrophenol		0.150	0.159	0.182	0.175	0.179	0.188	0.181	0.173	7.88
27)		2,4-Dimethylph...		0.247	0.234	0.251	0.231	0.233	0.244	0.232	0.239	3.45
28)		bis(2-Chloroet...		0.411	0.406	0.416	0.372	0.377	0.397	0.378	0.394	4.63
29)	C	2,4-Dichloroph...		0.292	0.295	0.309	0.286	0.295	0.303	0.294	0.296	2.54
30)		1,2,4-Trichlor...		0.337	0.325	0.342	0.310	0.318	0.333	0.322	0.327	3.50
31)		Naphthalene		1.104	1.075	1.101	0.984	1.001	0.973	0.954	1.027	6.22
32)		Benzoic acid			0.149	0.191	0.208	0.228	0.242	0.241	0.210	17.07
33)		4-Chloroaniline		0.383	0.378	0.393	0.351	0.354	0.352	0.329	0.363	6.14
34)	C	Hexachlorobuta...		0.211	0.211	0.221	0.203	0.214	0.214	0.216	0.213	2.52
35)		Caprolactam		0.092	0.089	0.094	0.084	0.088	0.090	0.094	0.090	4.00
36)	C	4-Chloro-3-met...		0.334	0.331	0.349	0.318	0.329	0.334	0.320	0.331	3.13
37)		2-Methylnaphth...		0.746	0.709	0.733	0.653	0.655	0.667	0.645	0.687	6.09
38)		1-Methylnaphth...		0.717	0.691	0.721	0.623	0.619	0.647	0.620	0.663	6.95

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.615	0.604	0.626	0.592	0.597	0.606	0.623	0.609	2.11
41)	P	Hexachlorocycl...	0.204	0.221	0.249	0.250	0.237	0.252	0.256	0.238	8.03
42)	S	2,4,6-Tribromo...	0.234	0.236	0.259	0.250	0.259	0.265	0.272	0.254	5.67
43)	C	2,4,6-Trichlor...	0.388	0.389	0.402	0.398	0.400	0.401	0.409	0.398	1.91
44)		2,4,5-Trichlor...	0.396	0.391	0.422	0.389	0.400	0.415	0.407	0.403	3.05
45)	S	2-Fluorobiphenyl	1.430	1.379	1.379	1.254	1.272	1.246	1.246	1.315	5.95
46)		1,1'-Biphenyl	1.636	1.573	1.591	1.454	1.502	1.431	1.450	1.520	5.29
47)		2-Chloronaphth...	1.197	1.141	1.181	1.091	1.129	1.090	1.100	1.133	3.82
48)		2-Nitroaniline	0.296	0.314	0.346	0.322	0.356	0.332	0.330	0.328	6.08
49)		Acenaphthylene	1.765	1.740	1.778	1.635	1.664	1.595	1.589	1.681	4.74
50)		Dimethylphthalate	1.481	1.414	1.469	1.329	1.425	1.345	1.341	1.401	4.47
51)		2,6-Dinitrotol...	0.277	0.279	0.305	0.285	0.307	0.296	0.292	0.292	4.11
52)	C	Acenaphthene	1.236	1.195	1.231	1.146	1.144	1.165	1.152	1.181	3.37
53)		3-Nitroaniline	0.291	0.295	0.316	0.293	0.283	0.301	0.291	0.296	3.61
54)	P	2,4-Dinitrophenol		0.085	0.124	0.142	0.153	0.161	0.169	0.139	22.02
55)		Dibenzofuran	1.849	1.787	1.791	1.614	1.607	1.596	1.570	1.688	6.87
56)	P	4-Nitrophenol	0.192	0.216	0.234	0.230	0.229	0.230	0.230	0.223	6.60
57)		2,4-Dinitrotol...	0.365	0.382	0.402	0.375	0.383	0.383	0.376	0.381	2.95
58)		Fluorene	1.443	1.361	1.381	1.229	1.243	1.234	1.220	1.302	7.01
59)		2,3,4,6-Tetrac...	0.355	0.365	0.390	0.359	0.364	0.366	0.369	0.367	3.05
60)		Diethylphthalate	1.475	1.471	1.497	1.336	1.357	1.338	1.302	1.397	5.80
61)		4-Chlorophenyl...	0.730	0.688	0.702	0.643	0.664	0.656	0.667	0.679	4.41
62)		4-Nitroaniline	0.284	0.288	0.304	0.288	0.287	0.286	0.278	0.288	2.73
63)		Azobenzene	1.392	1.363	1.404	1.245	1.261	1.226	1.197	1.298	6.57
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.083	0.111	0.121	0.130	0.133	0.137	0.119	16.61
66)	c	n-Nitrosodiphe...	0.675	0.651	0.671	0.620	0.638	0.638	0.637	0.647	3.03
67)		4-Bromophenyl-...	0.240	0.249	0.255	0.244	0.263	0.245	0.262	0.251	3.55
68)		Hexachlorobenzene	0.262	0.267	0.284	0.269	0.283	0.271	0.292	0.275	3.92
69)		Atrazine	0.216	0.213	0.193	0.164	0.206			0.198	10.72
70)	C	Pentachlorophenol	0.130	0.151	0.172	0.177	0.180	0.186	0.191	0.170	12.66
71)		Phenanthrene	1.155	1.151	1.138	1.038	1.026	1.032	1.023	1.080	5.90
72)		Anthracene	1.173	1.139	1.139	1.046	1.026	1.036	1.026	1.084	5.89
73)		Carbazole	0.996	0.994	0.985	0.908	0.903	0.892	0.864	0.935	5.91
74)		Di-n-butylphth...	1.320	1.321	1.319	1.177	1.238	1.175	1.132	1.240	6.50
75)	C	Fluoranthene	1.234	1.226	1.228	1.108	1.148	1.059	1.017	1.146	7.66
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.347	0.309	0.190	0.360	0.220	0.275	0.252	0.279	22.73
78)		Pyrene	1.695	1.651	1.727	1.611	1.877	1.823	1.726	1.730	5.38
79)	S	Terphenyl-d14	1.343	1.309	1.360	1.276	1.380	1.417	1.384	1.353	3.56
80)		Butylbenzylpht...	0.629	0.656	0.702	0.655	0.703	0.717	0.677	0.677	4.72
81)		Benzo(a)anthra...	1.370	1.304	1.334	1.273	1.294	1.317	1.294	1.312	2.41
82)		3,3'-Dichlorob...	0.370	0.389	0.380	0.372	0.365	0.394	0.384	0.379	2.78
83)		Chrysene	1.143	1.194	1.260	1.136	1.192	1.213	1.189	1.190	3.53
84)		Bis(2-ethylhex...	0.897	0.912	0.966	0.904	0.978	0.952	0.927	0.934	3.43
85)	c	Di-n-octyl pht...	1.145	1.219	1.338	1.265	1.376	1.390	1.361	1.299	7.10

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.097	1.142	1.308	1.287	1.322	1.472	1.429	1.294	10.60
88)		Benzo(b)fluora...	1.420	1.310	1.485	1.210	1.346	1.390	1.434	1.371	6.65
89)		Benzo(k)fluora...	1.162	1.268	1.197	1.205	1.129	1.210	1.041	1.173	6.16
90)	C	Benzo(a)pyrene	1.040	1.042	1.123	1.036	1.083	1.083	1.101	1.073	3.16
91)		Dibenzo(a,h)an...	0.910	0.953	1.073	1.068	1.095	1.195	1.178	1.067	9.91
92)		Benzo(g,h,i)pe...	0.912	0.949	1.061	1.065	1.064	1.167	1.167	1.055	9.24

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

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

Instrument ID: BNA_F Calibration Date/Time: 03/25/2025 10:09

Lab File ID: BF142068.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.232	1.105		-10.3	
2-Fluorophenol	1.198	1.114		-7.0	
Phenol-d6	1.526	1.410		-7.6	
1,4-Dichlorobenzene	1.452	1.394		-4.0	20.0
2-Methylphenol	1.057	0.968		-8.4	
3+4-Methylphenols	1.354	1.221		-9.8	
Nitrobenzene-d5	0.355	0.354		-0.3	
Hexachloroethane	0.544	0.512		-5.9	
Nitrobenzene	0.353	0.340		-3.7	
Hexachlorobutadiene	0.213	0.215		0.9	20.0
2,4,6-Trichlorophenol	0.398	0.377		-5.3	20.0
2-Fluorobiphenyl	1.315	1.251		-4.9	
2,4,5-Trichlorophenol	0.403	0.413		2.5	
2,4-Dinitrotoluene	0.381	0.386		1.3	
2,4,6-Tribromophenol	0.254	0.262		3.2	
Hexachlorobenzene	0.275	0.279		1.5	
Pentachlorophenol	0.170	0.174		2.4	20.0
Terphenyl-d14	1.353	1.473		8.9	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

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

Instrument ID: BNA_F Calibration Date/Time: 03/26/2025 12:37

Lab File ID: BF142092.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.232	1.193		-3.2	
2-Fluorophenol	1.198	1.203		0.4	
Phenol-d6	1.526	1.465		-4.0	
1,4-Dichlorobenzene	1.452	1.461		0.6	20.0
2-Methylphenol	1.057	0.986		-6.7	
3+4-Methylphenols	1.354	1.260		-6.9	
Nitrobenzene-d5	0.355	0.364		2.5	
Hexachloroethane	0.544	0.532		-2.2	
Nitrobenzene	0.353	0.352		-0.3	
Hexachlorobutadiene	0.213	0.224		5.2	20.0
2,4,6-Trichlorophenol	0.398	0.407		2.3	20.0
2-Fluorobiphenyl	1.315	1.316		0.1	
2,4,5-Trichlorophenol	0.403	0.415		3.0	
2,4-Dinitrotoluene	0.381	0.428		12.3	
2,4,6-Tribromophenol	0.254	0.288		13.4	
Hexachlorobenzene	0.275	0.283		2.9	
Pentachlorophenol	0.170	0.182		7.1	20.0
Terphenyl-d14	1.353	1.383		2.2	

All other compounds must meet a minimum RRF of 0.010.

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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**			**03/21/25**			**03/21/25**
			Gasoline Range Organics	8015D			03/24/25	
			PCB	8082A		03/24/25	03/24/25	
			Pesticide-TCL	8081B		03/24/25	03/25/25	
			TPH GC	8015D		03/25/25	03/25/25	
			EPH_NF	NJEPH		03/24/25	03/24/25	
Q1626-01DL	**CO-32-1DL**	**SOIL**			**03/21/25**			**03/21/25**
			PCB	8082A		03/24/25	03/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1626 **Order ID:** Q1626

Client: Walsh Construction Company II, LLC **Project ID:** Walsh CO-032 Sampling

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : CO-32-1								
Q1626-01	CO-32-1	SOIL	alpha-Chlordane	11.1	J	1.30	17.9	ug/kg
Q1626-01	CO-32-1	SOIL	gamma-Chlordane	11.1	JP	1.60	17.9	ug/kg
			Total Concentration:	**22.200**				

SAMPLE DATA

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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094836.D	10	03/24/25 08:50	03/25/25 14:27	PB167272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	1.40	U	1.40	17.9	ug/kg
319-85-7	beta-BHC	1.90	U	1.90	17.9	ug/kg
319-86-8	delta-BHC	4.10	U	4.10	17.9	ug/kg
58-89-9	gamma-BHC (Lindane)	1.50	U	1.50	17.9	ug/kg
76-44-8	Heptachlor	1.30	U	1.30	17.9	ug/kg
309-00-2	Aldrin	1.30	U	1.30	17.9	ug/kg
1024-57-3	Heptachlor epoxide	2.00	U	2.00	17.9	ug/kg
959-98-8	Endosulfan I	1.50	U	1.50	17.9	ug/kg
60-57-1	Dieldrin	1.50	U	1.50	17.9	ug/kg
72-55-9	4,4-DDE	1.50	U	1.50	17.9	ug/kg
72-20-8	Endrin	1.50	U	1.50	17.9	ug/kg
33213-65-9	Endosulfan II	3.00	U	3.00	17.9	ug/kg
72-54-8	4,4-DDD	1.60	U	1.60	17.9	ug/kg
1031-07-8	Endosulfan Sulfate	1.40	U	1.40	17.9	ug/kg
50-29-3	4,4-DDT	1.50	U	1.50	17.9	ug/kg
72-43-5	Methoxychlor	3.90	U	3.90	17.9	ug/kg
53494-70-5	Endrin ketone	2.00	U	2.00	17.9	ug/kg
7421-93-4	Endrin aldehyde	3.90	U	3.90	17.9	ug/kg
5103-71-9	alpha-Chlordane	11.1	J	1.30	17.9	ug/kg
5103-74-2	gamma-Chlordane	11.1	JP	1.60	17.9	ug/kg
8001-35-2	Toxaphene	56.9	U	56.9	347	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	28.5		20 - 144	143%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		19 - 148	88%	SPK: 20

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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094836.D	10	03/24/25 08:50	03/25/25 14:27	PB167272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL094566.D	PIBLK-PL094566.D	Decachlorobiphenyl	1	20	22.7	114		43	140
		Tetrachloro-m-xylene	1	20	20.6	103		77	126
		Decachlorobiphenyl	2	20	21.0	105		43	140
		Tetrachloro-m-xylene	2	20	20.2	101		77	126
I.BLK-PL094830.D	PIBLK-PL094830.D	Decachlorobiphenyl	1	20	20.2	101		43	140
		Tetrachloro-m-xylene	1	20	17.4	87		77	126
		Decachlorobiphenyl	2	20	18.5	92		43	140
		Tetrachloro-m-xylene	2	20	17.7	89		77	126
PB167272BL	PB167272BL	Decachlorobiphenyl	1	20	21.0	105		20	144
		Tetrachloro-m-xylene	1	20	17.9	90		19	148
		Decachlorobiphenyl	2	20	19.7	98		20	144
		Tetrachloro-m-xylene	2	20	19.1	95		19	148
PB167272BS	PB167272BS	Decachlorobiphenyl	1	20	21.6	108		20	144
		Tetrachloro-m-xylene	1	20	17.3	87		19	148
		Decachlorobiphenyl	2	20	20.4	102		20	144
		Tetrachloro-m-xylene	2	20	18.4	92		19	148
Q1626-01	CO-32-1	Decachlorobiphenyl	1	20	28.5	143		20	144
		Tetrachloro-m-xylene	1	20	15.5	78		19	148
		Decachlorobiphenyl	2	20	21.3	106		20	144
		Tetrachloro-m-xylene	2	20	17.5	88		19	148
Q1626-01MS	CO-32-1MS	Decachlorobiphenyl	1	20	28.5	143		20	144
		Tetrachloro-m-xylene	1	20	16.0	80		19	148
		Decachlorobiphenyl	2	20	18.8	94		20	144
		Tetrachloro-m-xylene	2	20	18.5	93		19	148
Q1626-01MSD	CO-32-1MSD	Decachlorobiphenyl	1	20	26.2	131		20	144
		Tetrachloro-m-xylene	1	20	16.0	80		19	148
		Decachlorobiphenyl	2	20	18.6	93		20	144
		Tetrachloro-m-xylene	2	20	17.6	88		19	148
I.BLK-PL094841.D	PIBLK-PL094841.D	Decachlorobiphenyl	1	20	19.4	97		43	140
		Tetrachloro-m-xylene	1	20	17.0	85		77	126
		Decachlorobiphenyl	2	20	17.2	86		43	140
		Tetrachloro-m-xylene	2	20	17.5	87		77	126

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B **DataFile :** PL094837.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**CO-32-1MS**											
Q1626-01MS	alpha-BHC	17.56	0	15.7	ug/kg	89				60	144	
	beta-BHC	17.56	0	18.5	ug/kg	105				54	143	
	delta-BHC	17.56	0	24.7	ug/kg	141				29	151	
	gamma-BHC (Lindane)	17.56	0	19.0	ug/kg	108				61	140	
	Heptachlor	17.56	0	16.5	ug/kg	94				63	135	
	Aldrin	17.56	0	19.2	ug/kg	109				49	139	
	Heptachlor epoxide	17.56	0	29.6	ug/kg	169	*			41	156	
	Endosulfan I	17.56	0	15.8	ug/kg	90				56	142	
	Dieldrin	17.56	0	42.0	ug/kg	239	*			47	161	
	4,4'-DDE	17.56	0	24.4	ug/kg	139	*			55	136	
	Endrin	17.56	0	30.1	ug/kg	171	*			57	139	
	Endosulfan II	17.56	0	23.0	ug/kg	131				40	163	
	4,4'-DDD	17.56	0	52.6	ug/kg	300	*			47	163	
	Endosulfan sulfate	17.56	0	24.7	ug/kg	141	*			62	139	
	4,4'-DDT	17.56	0	53.9	ug/kg	307	*			51	146	
	Methoxychlor	17.56	0	18.1	ug/kg	103				54	136	
	Endrin ketone	17.56	0	16.4	ug/kg	93				60	129	
	Endrin aldehyde	17.56	0	15.6	ug/kg	89				59	132	
	alpha-Chlordane	17.56	11.1	27.6	ug/kg	94				39	166	
	gamma-Chlordane	17.56	11.1	33.1	ug/kg	125				44	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B **DataFile :** PL094838.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**CO-32-1MSD**											
Q1626-01MSD	alpha-BHC	17.57	0	15.8	ug/kg	90		1		60	144	20
	beta-BHC	17.57	0	18.8	ug/kg	107		2		54	143	20
	delta-BHC	17.57	0	25.8	ug/kg	147		4		29	151	20
	gamma-BHC (Lindane)	17.57	0	19.8	ug/kg	113		5		61	140	20
	Heptachlor	17.57	0	15.8	ug/kg	90		4		63	135	20
	Aldrin	17.57	0	18.5	ug/kg	105		4		49	139	20
	Heptachlor epoxide	17.57	0	28.3	ug/kg	161	*	5		41	156	20
	Endosulfan I	17.57	0	15.4	ug/kg	88		2		56	142	20
	Dieldrin	17.57	0	40.9	ug/kg	233	*	3		47	161	20
	4,4'-DDE	17.57	0	23.8	ug/kg	135		3		55	136	20
	Endrin	17.57	0	29.2	ug/kg	166	*	3		57	139	20
	Endosulfan II	17.57	0	23.1	ug/kg	131		0		40	163	20
	4,4'-DDD	17.57	0	50.5	ug/kg	287	*	4		47	163	20
	Endosulfan sulfate	17.57	0	23.8	ug/kg	135		4		62	139	20
	4,4'-DDT	17.57	0	53.0	ug/kg	302	*	2		51	146	20
	Methoxychlor	17.57	0	15.0	ug/kg	85		19		54	136	20
	Endrin ketone	17.57	0	16.7	ug/kg	95		2		60	129	20
	Endrin aldehyde	17.57	0	14.3	ug/kg	81		9		59	132	20
	alpha-Chlordane	17.57	11.1	27.4	ug/kg	93		1		39	166	20
	gamma-Chlordane	17.57	11.1	32.0	ug/kg	119		5		44	175	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B **Datafile :** PL094834.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167272BS	alpha-BHC	16.65	17.4	ug/kg	105				84	123	
	beta-BHC	16.65	17.1	ug/kg	103				82	123	
	delta-BHC	16.65	17.1	ug/kg	103				83	126	
	gamma-BHC (Lindane)	16.65	16.9	ug/kg	102				83	125	
	Heptachlor	16.65	16.5	ug/kg	99				83	122	
	Aldrin	16.65	16.7	ug/kg	100				82	124	
	Heptachlor epoxide	16.65	16.9	ug/kg	102				83	120	
	Endosulfan I	16.65	16.8	ug/kg	101				81	124	
	Dieldrin	16.65	17.1	ug/kg	103				85	121	
	4,4'-DDE	16.65	17.8	ug/kg	107				81	123	
	Endrin	16.65	17.4	ug/kg	105				76	130	
	Endosulfan II	16.65	17.3	ug/kg	104				80	125	
	4,4'-DDD	16.65	18.7	ug/kg	112				80	131	
	Endosulfan sulfate	16.65	17.9	ug/kg	108				81	122	
	4,4'-DDT	16.65	18.7	ug/kg	112				70	129	
	Methoxychlor	16.65	19.3	ug/kg	116				60	119	
	Endrin ketone	16.65	18.0	ug/kg	108				77	132	
	Endrin aldehyde	16.65	17.4	ug/kg	105				79	124	
	alpha-Chlordane	16.65	16.8	ug/kg	101				84	120	
	gamma-Chlordane	16.65	16.9	ug/kg	102				83	122	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167272BL

Lab Name: CHEMTECH Contract: WALS01

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

Lab Sample ID: PB167272BL Lab File ID: PL094833.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 03/24/2025

Date Analyzed (1): 03/25/2025 Date Analyzed (2): 03/25/2025

Time Analyzed (1): 12:25 Time Analyzed (2): 12:25

Instrument ID (1): ECD_L Instrument ID (2): ECD_L

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB167272BS	PB167272BS	PL094834.D	03/25/2025	03/25/2025
CO-32-1	Q1626-01	PL094836.D	03/25/2025	03/25/2025
CO-32-1MS	Q1626-01MS	PL094837.D	03/25/2025	03/25/2025
CO-32-1MSD	Q1626-01MSD	PL094838.D	03/25/2025	03/25/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167272BL	SDG No.:	Q1626
Lab Sample ID:	PB167272BL	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094833.D	1	03/24/25 08:50	03/25/25 12:25	PB167272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.13	U	0.13	1.70	ug/kg
319-85-7	beta-BHC	0.18	U	0.18	1.70	ug/kg
319-86-8	delta-BHC	0.39	U	0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.14	U	0.14	1.70	ug/kg
76-44-8	Heptachlor	0.12	U	0.12	1.70	ug/kg
309-00-2	Aldrin	0.12	U	0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1.70	ug/kg
959-98-8	Endosulfan I	0.14	U	0.14	1.70	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.70	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.70	ug/kg
72-20-8	Endrin	0.14	U	0.14	1.70	ug/kg
33213-65-9	Endosulfan II	0.29	U	0.29	1.70	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.70	ug/kg
72-43-5	Methoxychlor	0.37	U	0.37	1.70	ug/kg
53494-70-5	Endrin ketone	0.19	U	0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.37	U	0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.12	U	0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.0		20 - 144	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		19 - 148	95%	SPK: 20

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167272BL	SDG No.:	Q1626
Lab Sample ID:	PB167272BL	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094833.D	1	03/24/25 08:50	03/25/25 12:25	PB167272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/11/25
Project:	Walsh CO-032 Sampling	Date Received:	03/11/25
Client Sample ID:	PIBLK-PL094566.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PL094566.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094566.D	1		03/11/25	PL031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.7		43 - 140	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		77 - 126	103%	SPK: 20

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/11/25
Project:	Walsh CO-032 Sampling	Date Received:	03/11/25
Client Sample ID:	PIBLK-PL094566.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PL094566.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094566.D	1		03/11/25	PL031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/25/25
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PIBLK-PL094830.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PL094830.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094830.D	1		03/25/25	pl032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.2		43 - 140	101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.7		77 - 126	89%	SPK: 20

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/25/25
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PIBLK-PL094830.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PL094830.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094830.D	1		03/25/25	pl032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/25/25
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PIBLK-PL094841.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PL094841.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094841.D	1		03/25/25	pl032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.4		43 - 140	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		77 - 126	87%	SPK: 20

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/25/25
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PIBLK-PL094841.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PL094841.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094841.D	1		03/25/25	pl032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167272BS	SDG No.:	Q1626
Lab Sample ID:	PB167272BS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094834.D	1	03/24/25 08:50	03/25/25 14:00	PB167272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	17.4		0.13	1.70	ug/kg
319-85-7	beta-BHC	17.1		0.18	1.70	ug/kg
319-86-8	delta-BHC	17.1		0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	16.9		0.14	1.70	ug/kg
76-44-8	Heptachlor	16.5		0.12	1.70	ug/kg
309-00-2	Aldrin	16.7		0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	16.9		0.19	1.70	ug/kg
959-98-8	Endosulfan I	16.8		0.14	1.70	ug/kg
60-57-1	Dieldrin	17.1		0.14	1.70	ug/kg
72-55-9	4,4-DDE	17.8		0.14	1.70	ug/kg
72-20-8	Endrin	17.4		0.14	1.70	ug/kg
33213-65-9	Endosulfan II	17.3		0.29	1.70	ug/kg
72-54-8	4,4-DDD	18.7		0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	17.9		0.13	1.70	ug/kg
50-29-3	4,4-DDT	18.7		0.14	1.70	ug/kg
72-43-5	Methoxychlor	19.3		0.37	1.70	ug/kg
53494-70-5	Endrin ketone	18.0		0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	17.4		0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	16.8		0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	16.9		0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.6		20 - 144	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.4		19 - 148	92%	SPK: 20

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167272BS	SDG No.:	Q1626
Lab Sample ID:	PB167272BS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094834.D	1	03/24/25 08:50	03/25/25 14:00	PB167272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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-32-1MS	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094837.D	10	03/24/25 08:50	03/25/25 14:41	PB167272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.7	J	1.40	17.9	ug/kg
319-85-7	beta-BHC	18.5		1.90	17.9	ug/kg
319-86-8	delta-BHC	24.7	P	4.10	17.9	ug/kg
58-89-9	gamma-BHC (Lindane)	19.0		1.50	17.9	ug/kg
76-44-8	Heptachlor	16.5	J	1.30	17.9	ug/kg
309-00-2	Aldrin	19.2		1.30	17.9	ug/kg
1024-57-3	Heptachlor epoxide	29.6	P	2.00	17.9	ug/kg
959-98-8	Endosulfan I	15.8	JP	1.50	17.9	ug/kg
60-57-1	Dieldrin	42.0	P	1.50	17.9	ug/kg
72-55-9	4,4-DDE	24.4		1.50	17.9	ug/kg
72-20-8	Endrin	30.1	P	1.50	17.9	ug/kg
33213-65-9	Endosulfan II	23.0	P	3.10	17.9	ug/kg
72-54-8	4,4-DDD	52.6	P	1.60	17.9	ug/kg
1031-07-8	Endosulfan Sulfate	24.7		1.40	17.9	ug/kg
50-29-3	4,4-DDT	53.9	P	1.50	17.9	ug/kg
72-43-5	Methoxychlor	18.1	P	3.90	17.9	ug/kg
53494-70-5	Endrin ketone	16.4	J	2.00	17.9	ug/kg
7421-93-4	Endrin aldehyde	15.6	J	3.90	17.9	ug/kg
5103-71-9	alpha-Chlordane	27.6		1.30	17.9	ug/kg
5103-74-2	gamma-Chlordane	33.1		1.60	17.9	ug/kg
8001-35-2	Toxaphene	57.0	U	57.0	348	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	28.5		20 - 144	143%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		19 - 148	93%	SPK: 20

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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-32-1MS	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094837.D	10	03/24/25 08:50	03/25/25 14:41	PB167272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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-32-1MSD	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094838.D	10	03/24/25 08:50	03/25/25 14:55	PB167272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.8	J	1.40	17.9	ug/kg
319-85-7	beta-BHC	18.8	P	1.90	17.9	ug/kg
319-86-8	delta-BHC	25.8	P	4.10	17.9	ug/kg
58-89-9	gamma-BHC (Lindane)	19.8		1.50	17.9	ug/kg
76-44-8	Heptachlor	15.8	J	1.30	17.9	ug/kg
309-00-2	Aldrin	18.5		1.30	17.9	ug/kg
1024-57-3	Heptachlor epoxide	28.3	P	2.00	17.9	ug/kg
959-98-8	Endosulfan I	15.4	JP	1.50	17.9	ug/kg
60-57-1	Dieldrin	40.9	P	1.50	17.9	ug/kg
72-55-9	4,4-DDE	23.8	P	1.50	17.9	ug/kg
72-20-8	Endrin	29.2	P	1.50	17.9	ug/kg
33213-65-9	Endosulfan II	23.1	P	3.10	17.9	ug/kg
72-54-8	4,4-DDD	50.5	P	1.60	17.9	ug/kg
1031-07-8	Endosulfan Sulfate	23.8		1.40	17.9	ug/kg
50-29-3	4,4-DDT	53.0	P	1.50	17.9	ug/kg
72-43-5	Methoxychlor	15.0	JP	3.90	17.9	ug/kg
53494-70-5	Endrin ketone	16.7	JP	2.00	17.9	ug/kg
7421-93-4	Endrin aldehyde	14.3	J	3.90	17.9	ug/kg
5103-71-9	alpha-Chlordane	27.4		1.30	17.9	ug/kg
5103-74-2	gamma-Chlordane	32.0		1.60	17.9	ug/kg
8001-35-2	Toxaphene	57.0	U	57.0	348	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	26.2		20 - 144	131%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.6		19 - 148	88%	SPK: 20

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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-32-1MSD	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094838.D	10	03/24/25 08:50	03/25/25 14:55	PB167272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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
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J = Estimated Value
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CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_L **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 10:35 11:29

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL094569.D RT 075 = PL094570.D

RT 050 = PL094571.D RT 025 = PL094572.D RT 005 = PL094573.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.26	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.53	4.53	4.53	4.53	4.53	4.53	4.43	4.63
Decachlorobiphenyl	9.05	9.06	9.06	9.06	9.05	9.05	8.95	9.15
delta-BHC	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Dieldrin	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.79	6.79	6.79	6.79	6.79	6.79	6.69	6.89
Endosulfan sulfate	7.16	7.16	7.16	7.16	7.16	7.16	7.06	7.26
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.92	6.92	6.92	6.92	6.92	6.92	6.82	7.02
Endrin ketone	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.91	4.92	4.92	4.91	4.92	4.91	4.81	5.01
Heptachlor epoxide	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.50	7.50	7.50	7.50	7.50	7.50	7.40	7.60
Tetrachloro-m-xylene	3.54	3.54	3.54	3.54	3.54	3.54	3.44	3.64

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_L **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 10:35 11:29

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL094569.D RT 075 = PL094570.D

RT 050 = PL094571.D RT 025 = PL094572.D RT 005 = PL094573.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
4,4'-DDE	5.23	5.23	5.23	5.23	5.22	5.23	5.13	5.33
4,4'-DDT	6.03	6.03	6.03	6.03	6.03	6.03	5.93	6.13
Aldrin	4.22	4.22	4.22	4.22	4.22	4.22	4.12	4.32
alpha-BHC	3.27	3.27	3.27	3.27	3.27	3.27	3.17	3.37
alpha-Chlordane	5.04	5.04	5.04	5.04	5.04	5.04	4.94	5.14
beta-BHC	3.90	3.91	3.91	3.90	3.90	3.90	3.80	4.00
Decachlorobiphenyl	7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
delta-BHC	4.13	4.13	4.13	4.13	4.13	4.13	4.03	4.23
Dieldrin	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
Endosulfan I	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Endosulfan II	5.93	5.93	5.93	5.93	5.93	5.93	5.83	6.03
Endosulfan sulfate	6.33	6.33	6.33	6.33	6.33	6.33	6.23	6.43
Endrin	5.63	5.63	5.63	5.63	5.63	5.63	5.53	5.73
Endrin aldehyde	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Endrin ketone	6.84	6.84	6.84	6.84	6.84	6.84	6.74	6.94
gamma-BHC (Lindane)	3.60	3.60	3.60	3.60	3.60	3.60	3.50	3.70
gamma-Chlordane	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Heptachlor	3.94	3.94	3.94	3.94	3.94	3.94	3.84	4.04
Heptachlor epoxide	4.72	4.72	4.73	4.72	4.72	4.72	4.62	4.82
Methoxychlor	6.61	6.61	6.61	6.61	6.61	6.61	6.51	6.71
Tetrachloro-m-xylene	2.77	2.77	2.77	2.77	2.77	2.77	2.67	2.87

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_L

Calibration Date(s): 03/11/2025 03/11/2025

Calibration Times: 10:35 11:29

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL094569.D **CF 075 =** PL094570.D

CF 050 = PL094571.D **CF 025 =** PL094572.D **CF 005 =** PL094573.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2054790000	2038060000	2097220000	2238950000	2401320000	2166070000	7
4,4'-DDE	2800820000	2791230000	2844170000	3026520000	3247560000	2942060000	7
4,4'-DDT	2250760000	2258790000	2282720000	2441890000	2658540000	2378540000	7
Aldrin	3486510000	3483840000	3531750000	3767520000	4191470000	3692220000	8
alpha-BHC	4050830000	3995660000	4006320000	4207130000	4501760000	4152340000	5
alpha-Chlordane	3078250000	3067240000	3145550000	3369450000	3823700000	3296840000	10
beta-BHC	1672600000	1688180000	1742910000	1923200000	2199200000	1845220000	12
Decachlorobiphenyl	1938960000	1961100000	2020410000	2196220000	2420590000	2107460000	10
delta-BHC	3731530000	3682850000	3720060000	3932930000	4404170000	3894310000	8
Dieldrin	2998920000	2977530000	3040380000	3270050000	3703810000	3198140000	10
Endosulfan I	2856050000	2854360000	2924220000	3138080000	3578300000	3070200000	10
Endosulfan II	2509950000	2495090000	2579470000	2798020000	3191190000	2714740000	11
Endosulfan sulfate	2202890000	2228260000	2295270000	2519740000	2913940000	2432020000	12
Endrin	2585940000	2584670000	2628790000	2810860000	3250100000	2772070000	10
Endrin aldehyde	1899410000	1911570000	1995020000	2162720000	2586220000	2110990000	14
Endrin ketone	2485310000	2489220000	2504750000	2734570000	3002490000	2643270000	9
gamma-BHC (Lindane)	3886090000	3824550000	3841420000	4060770000	4338530000	3990270000	5
gamma-Chlordane	3152320000	3146400000	3207830000	3429480000	3910810000	3369370000	10
Heptachlor	3645730000	3661000000	3717820000	3965990000	4417600000	3881630000	8
Heptachlor epoxide	3127680000	3124100000	3197280000	3386170000	3890740000	3345200000	10
Methoxychlor	1109170000	1148450000	1148150000	1275940000	1303650000	1197070000	7
Tetrachloro-m-xylene	2677630000	2681900000	2722740000	2922670000	3148400000	2830670000	7

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_L

Calibration Date(s): 03/11/2025 03/11/2025

Calibration Times: 10:35 11:29

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL094569.D **CF 075 =** PL094570.D

CF 050 = PL094571.D **CF 025 =** PL094572.D **CF 005 =** PL094573.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3744660000	3599430000	3582800000	3559420000	3493150000	3595890000	3
4,4'-DDE	4755610000	4590230000	4589540000	4707800000	4599470000	4648530000	2
4,4'-DDT	4206410000	4061180000	4014300000	4011580000	3867070000	4032110000	3
Aldrin	5043350000	4903990000	4837240000	4815490000	4781660000	4876340000	2
alpha-BHC	5696730000	5534840000	5407190000	5382700000	4935400000	5391370000	5
alpha-Chlordane	4847910000	4714870000	4711370000	4759810000	4829890000	4772770000	1
beta-BHC	2189910000	2156390000	2172170000	2250790000	2337210000	2221290000	3
Decachlorobiphenyl	3950320000	3868520000	3903950000	4095240000	4378770000	4039360000	5
delta-BHC	5245420000	5087800000	4994500000	4942360000	4739820000	5001980000	4
Dieldrin	4991170000	4852590000	4791130000	4868920000	4755280000	4851820000	2
Endosulfan I	4455940000	4360790000	4346300000	4393610000	4387020000	4388730000	1
Endosulfan II	4346730000	4237780000	4255650000	4342220000	4458930000	4328260000	2
Endosulfan sulfate	4114360000	3978360000	4032760000	4074650000	4167060000	4073440000	2
Endrin	4434550000	4325290000	4326060000	4330520000	4401830000	4363650000	1
Endrin aldehyde	3301310000	3233140000	3279090000	3389720000	3623580000	3365370000	5
Endrin ketone	4787490000	4692680000	4707500000	4868950000	4806280000	4772580000	2
gamma-BHC (Lindane)	5372230000	5230100000	5132530000	5070750000	4891640000	5139450000	3
gamma-Chlordane	4946830000	4806290000	4770610000	4811470000	4806890000	4828420000	1
Heptachlor	5363060000	5262730000	5228770000	5273220000	5215450000	5268650000	1
Heptachlor epoxide	4619190000	4519300000	4529520000	4593130000	4631780000	4578580000	1
Methoxychlor	2089160000	2085630000	2099350000	2155560000	2175640000	2121070000	2
Tetrachloro-m-xylene	3572520000	3517330000	3502400000	3623970000	3630140000	3569270000	2

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WALS01

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

Instrument ID: ECD_L **Date(s) Analyzed:** 03/11/2025 03/11/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.24	6.14	6.34	25951700
		2	6.44	6.34	6.54	16397600
		3	7.06	6.96	7.16	82030600
		4	7.15	7.05	7.25	62943200
		5	7.93	7.83	8.03	45040400

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WALS01

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

Instrument ID: ECD_L **Date(s) Analyzed:** 03/11/2025 03/11/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.00	4.90	5.10	26020300
		2	5.32	5.22	5.42	25489100
		3	5.68	5.58	5.78	28236400
		4	6.60	6.50	6.70	96540400
		5	7.04	6.94	7.14	93337600

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/25/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 11:50 **Initial Calibration Time(s):** 10:35 11:29

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.05	9.06	8.96	9.16	0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.91	4.92	4.82	5.02	0.01
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.64	7.64	7.54	7.74	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/25/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 11:50 **Initial Calibration Time(s):** 10:35 11:29

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.90	7.91	7.81	8.01	0.01
Tetrachloro-m-xylene	2.77	2.77	2.67	2.87	0.00
alpha-BHC	3.27	3.27	3.17	3.37	0.00
beta-BHC	3.90	3.91	3.81	4.01	0.01
delta-BHC	4.13	4.13	4.03	4.23	0.00
gamma-BHC (Lindane)	3.60	3.60	3.50	3.70	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Aldrin	4.22	4.22	4.12	4.32	0.00
Heptachlor epoxide	4.72	4.73	4.63	4.83	0.01
Endosulfan I	5.09	5.09	4.99	5.19	0.00
Dieldrin	5.35	5.36	5.26	5.46	0.01
4,4'-DDE	5.22	5.23	5.13	5.33	0.01
Endrin	5.63	5.63	5.53	5.73	0.00
Endosulfan II	5.93	5.93	5.83	6.03	0.00
4,4'-DDD	5.78	5.78	5.68	5.88	0.00
Endosulfan sulfate	6.33	6.33	6.23	6.43	0.00
4,4'-DDT	6.03	6.03	5.93	6.13	0.00
Methoxychlor	6.60	6.61	6.51	6.71	0.01
Endrin ketone	6.83	6.84	6.74	6.94	0.01
Endrin aldehyde	6.11	6.11	6.01	6.21	0.00
alpha-Chlordane	5.03	5.04	4.94	5.14	0.01
gamma-Chlordane	4.97	4.97	4.87	5.07	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/25/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL094832.D **Time Analyzed:** 11:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.708	6.610	6.810	53.660	50.000	7.3
4,4'-DDE	6.191	6.093	6.293	52.030	50.000	4.1
4,4'-DDT	7.023	6.924	7.124	52.040	50.000	4.1
Aldrin	5.255	5.156	5.356	45.500	50.000	-9.0
alpha-BHC	3.993	3.894	4.094	47.540	50.000	-4.9
alpha-Chlordane	6.017	5.918	6.118	47.280	50.000	-5.4
beta-BHC	4.525	4.425	4.625	46.330	50.000	-7.3
Decachlorobiphenyl	9.054	8.956	9.156	50.670	50.000	1.3
delta-BHC	4.771	4.673	4.873	47.760	50.000	-4.5
Dieldrin	6.342	6.244	6.444	47.880	50.000	-4.2
Endosulfan I	6.068	5.969	6.169	47.310	50.000	-5.4
Endosulfan II	6.793	6.694	6.894	48.260	50.000	-3.5
Endosulfan sulfate	7.158	7.059	7.259	48.260	50.000	-3.5
Endrin	6.571	6.474	6.674	46.840	50.000	-6.3
Endrin aldehyde	6.923	6.824	7.024	48.520	50.000	-3.0
Endrin ketone	7.643	7.544	7.744	49.010	50.000	-2.0
gamma-BHC (Lindane)	4.326	4.227	4.427	47.530	50.000	-4.9
gamma-Chlordane	5.938	5.840	6.040	46.950	50.000	-6.1
Heptachlor	4.913	4.815	5.015	45.980	50.000	-8.0
Heptachlor epoxide	5.681	5.583	5.783	46.860	50.000	-6.3
Methoxychlor	7.500	7.400	7.600	56.460	50.000	12.9
Tetrachloro-m-xylene	3.537	3.438	3.638	47.620	50.000	-4.8

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/25/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL094832.D **Time Analyzed:** 11:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.778	5.682	5.882	54.800	50.000	9.6
4,4'-DDE	5.222	5.127	5.327	52.740	50.000	5.5
4,4'-DDT	6.028	5.932	6.132	54.820	50.000	9.6
Aldrin	4.218	4.122	4.322	50.820	50.000	1.6
alpha-BHC	3.271	3.174	3.374	52.360	50.000	4.7
alpha-Chlordane	5.034	4.938	5.138	50.280	50.000	0.6
beta-BHC	3.901	3.805	4.005	51.660	50.000	3.3
Decachlorobiphenyl	7.904	7.807	8.007	50.180	50.000	0.4
delta-BHC	4.130	4.033	4.233	52.390	50.000	4.8
Dieldrin	5.353	5.258	5.458	50.550	50.000	1.1
Endosulfan I	5.090	4.994	5.194	42.410	50.000	-15.2
Endosulfan II	5.925	5.829	6.029	50.470	50.000	0.9
Endosulfan sulfate	6.328	6.231	6.431	51.470	50.000	2.9
Endrin	5.630	5.534	5.734	50.820	50.000	1.6
Endrin aldehyde	6.105	6.008	6.208	50.100	50.000	0.2
Endrin ketone	6.832	6.736	6.936	53.330	50.000	6.7
gamma-BHC (Lindane)	3.601	3.504	3.704	51.500	50.000	3.0
gamma-Chlordane	4.971	4.874	5.074	50.610	50.000	1.2
Heptachlor	3.939	3.842	4.042	50.290	50.000	0.6
Heptachlor epoxide	4.721	4.625	4.825	50.460	50.000	0.9
Methoxychlor	6.604	6.507	6.707	56.290	50.000	12.6
Tetrachloro-m-xylene	2.769	2.672	2.872	51.730	50.000	3.5

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/25/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 17:01 **Initial Calibration Time(s):** 10:35 11:29

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.01
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.65	7.64	7.54	7.74	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/25/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 17:01 **Initial Calibration Time(s):** 10:35 11:29

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.90	7.91	7.81	8.01	0.01
Tetrachloro-m-xylene	2.77	2.77	2.67	2.87	0.00
alpha-BHC	3.27	3.27	3.17	3.37	0.00
beta-BHC	3.90	3.91	3.81	4.01	0.01
delta-BHC	4.13	4.13	4.03	4.23	0.00
gamma-BHC (Lindane)	3.60	3.60	3.50	3.70	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Aldrin	4.22	4.22	4.12	4.32	0.00
Heptachlor epoxide	4.72	4.73	4.63	4.83	0.01
Endosulfan I	5.09	5.09	4.99	5.19	0.00
Dieldrin	5.36	5.36	5.26	5.46	0.00
4,4'-DDE	5.22	5.23	5.13	5.33	0.01
Endrin	5.63	5.63	5.53	5.73	0.00
Endosulfan II	5.93	5.93	5.83	6.03	0.00
4,4'-DDD	5.78	5.78	5.68	5.88	0.00
Endosulfan sulfate	6.33	6.33	6.23	6.43	0.00
4,4'-DDT	6.03	6.03	5.93	6.13	0.00
Methoxychlor	6.60	6.61	6.51	6.71	0.01
Endrin ketone	6.83	6.84	6.74	6.94	0.01
Endrin aldehyde	6.11	6.11	6.01	6.21	0.00
alpha-Chlordane	5.04	5.04	4.94	5.14	0.01
gamma-Chlordane	4.97	4.97	4.87	5.07	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/25/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL094842.D **Time Analyzed:** 17:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.710	6.610	6.810	51.000	50.000	2.0
4,4'-DDE	6.192	6.093	6.293	49.440	50.000	-1.1
4,4'-DDT	7.024	6.924	7.124	48.070	50.000	-3.9
Aldrin	5.256	5.156	5.356	44.220	50.000	-11.6
alpha-BHC	3.994	3.894	4.094	46.490	50.000	-7.0
alpha-Chlordane	6.018	5.918	6.118	45.140	50.000	-9.7
beta-BHC	4.526	4.425	4.625	45.870	50.000	-8.3
Decachlorobiphenyl	9.055	8.956	9.156	48.190	50.000	-3.6
delta-BHC	4.773	4.673	4.873	47.330	50.000	-5.3
Dieldrin	6.345	6.244	6.444	46.960	50.000	-6.1
Endosulfan I	6.069	5.969	6.169	45.330	50.000	-9.3
Endosulfan II	6.794	6.694	6.894	46.380	50.000	-7.2
Endosulfan sulfate	7.159	7.059	7.259	46.500	50.000	-7.0
Endrin	6.572	6.474	6.674	44.340	50.000	-11.3
Endrin aldehyde	6.924	6.824	7.024	44.810	50.000	-10.4
Endrin ketone	7.645	7.544	7.744	47.010	50.000	-6.0
gamma-BHC (Lindane)	4.327	4.227	4.427	46.450	50.000	-7.1
gamma-Chlordane	5.939	5.840	6.040	44.770	50.000	-10.5
Heptachlor	4.915	4.815	5.015	44.150	50.000	-11.7
Heptachlor epoxide	5.683	5.583	5.783	43.930	50.000	-12.1
Methoxychlor	7.501	7.400	7.600	49.250	50.000	-1.5
Tetrachloro-m-xylene	3.538	3.438	3.638	47.060	50.000	-5.9

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/25/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL094842.D **Time Analyzed:** 17:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.778	5.682	5.882	53.380	50.000	6.8
4,4'-DDE	5.224	5.127	5.327	52.580	50.000	5.2
4,4'-DDT	6.029	5.932	6.132	51.250	50.000	2.5
Aldrin	4.219	4.122	4.322	50.840	50.000	1.7
alpha-BHC	3.272	3.174	3.374	52.990	50.000	6.0
alpha-Chlordane	5.035	4.938	5.138	50.010	50.000	0.0
beta-BHC	3.902	3.805	4.005	52.050	50.000	4.1
Decachlorobiphenyl	7.904	7.807	8.007	48.470	50.000	-3.1
delta-BHC	4.131	4.033	4.233	53.330	50.000	6.7
Dieldrin	5.355	5.258	5.458	50.480	50.000	1.0
Endosulfan I	5.091	4.994	5.194	49.970	50.000	-0.1
Endosulfan II	5.926	5.829	6.029	49.200	50.000	-1.6
Endosulfan sulfate	6.328	6.231	6.431	50.080	50.000	0.2
Endrin	5.631	5.534	5.734	49.880	50.000	-0.2
Endrin aldehyde	6.105	6.008	6.208	47.630	50.000	-4.7
Endrin ketone	6.834	6.736	6.936	48.820	50.000	-2.4
gamma-BHC (Lindane)	3.601	3.504	3.704	52.240	50.000	4.5
gamma-Chlordane	4.971	4.874	5.074	50.590	50.000	1.2
Heptachlor	3.939	3.842	4.042	49.540	50.000	-0.9
Heptachlor epoxide	4.721	4.625	4.825	50.470	50.000	0.9
Methoxychlor	6.604	6.507	6.707	51.620	50.000	3.2
Tetrachloro-m-xylene	2.769	2.672	2.872	51.850	50.000	3.7

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No. (PEM): PEM - PL094567.D **Date Analyzed:** 03/11/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:08

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.052	8.950	9.150	20.540	20.000	2.7
Tetrachloro-m-xylene	3.536	3.490	3.590	19.600	20.000	-2.0
alpha-BHC	3.992	3.940	4.040	10.230	10.000	2.3
beta-BHC	4.524	4.470	4.570	10.180	10.000	1.8
gamma-BHC (Lindane)	4.325	4.270	4.380	10.310	10.000	3.1
Endrin	6.572	6.500	6.640	43.430	50.000	-13.1
4,4'-DDT	7.021	6.950	7.090	87.030	100.000	-13.0
Methoxychlor	7.498	7.430	7.570	214.630	250.000	-14.1

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No. (PEM): PEM - PL094567.D **Date Analyzed:** 03/11/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:08

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.905	7.800	8.010	19.590	20.000	-2.1
Tetrachloro-m-xylene	2.771	2.720	2.820	19.320	20.000	-3.4
alpha-BHC	3.273	3.220	3.320	9.150	10.000	-8.5
beta-BHC	3.903	3.850	3.950	10.130	10.000	1.3
gamma-BHC (Lindane)	3.603	3.550	3.650	9.160	10.000	-8.4
Endrin	5.632	5.560	5.700	44.410	50.000	-11.2
4,4'-DDT	6.030	5.960	6.100	97.400	100.000	-2.6
Methoxychlor	6.605	6.530	6.680	224.380	250.000	-10.2

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No. (PEM): PEM - PL094831.D **Date Analyzed:** 03/25/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:36

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.061	8.960	9.160	20.160	20.000	0.8
Tetrachloro-m-xylene	3.542	3.490	3.590	17.720	20.000	-11.4
alpha-BHC	3.998	3.950	4.050	9.170	10.000	-8.3
beta-BHC	4.530	4.480	4.580	9.130	10.000	-8.7
gamma-BHC (Lindane)	4.331	4.280	4.380	9.300	10.000	-7.0
Endrin	6.576	6.510	6.650	39.880	50.000	-20.2
4,4'-DDT	7.028	6.960	7.100	88.910	100.000	-11.1
Methoxychlor	7.505	7.430	7.580	225.900	250.000	-9.6

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No. (PEM): PEM - PL094831.D **Date Analyzed:** 03/25/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:36

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.905	7.800	8.010	19.170	20.000	-4.2
Tetrachloro-m-xylene	2.768	2.720	2.820	19.220	20.000	-3.9
alpha-BHC	3.270	3.220	3.320	8.980	10.000	-10.2
beta-BHC	3.901	3.850	3.950	9.990	10.000	-0.1
gamma-BHC (Lindane)	3.600	3.550	3.650	8.820	10.000	-11.8
Endrin	5.629	5.560	5.700	43.740	50.000	-12.5
4,4'-DDT	6.027	5.960	6.100	103.160	100.000	3.2
Methoxychlor	6.604	6.530	6.670	244.490	250.000	-2.2

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Analytical Sequence

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

Project: Walsh CO-032 Sampling **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/11/2025 03/11/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	03/11/2025	09:55	PL094566.D	9.05	3.54
PEM	PEM	03/11/2025	10:08	PL094567.D	9.05	3.54
RESCHK	RESCHK	03/11/2025	10:22	PL094568.D	9.05	3.54
PSTDICC100	PSTDICC100	03/11/2025	10:35	PL094569.D	9.05	3.54
PSTDICC075	PSTDICC075	03/11/2025	10:49	PL094570.D	9.06	3.54
PSTDICC050	PSTDICC050	03/11/2025	11:02	PL094571.D	9.06	3.54
PSTDICC025	PSTDICC025	03/11/2025	11:16	PL094572.D	9.06	3.54
PSTDICC005	PSTDICC005	03/11/2025	11:29	PL094573.D	9.05	3.54
PCHLORICC500	PCHLORICC500	03/11/2025	12:10	PL094576.D	9.06	3.54
PTOXICC500	PTOXICC500	03/11/2025	13:18	PL094581.D	9.05	3.54
I.BLK	I.BLK	03/25/2025	10:19	PL094830.D	9.05	3.54
PEM	PEM	03/25/2025	11:36	PL094831.D	9.06	3.54
PSTDCCC050	PSTDCCC050	03/25/2025	11:50	PL094832.D	9.05	3.54
PB167272BL	PB167272BL	03/25/2025	12:25	PL094833.D	9.06	3.54
PB167272BS	PB167272BS	03/25/2025	14:00	PL094834.D	9.05	3.54
CO-32-1	Q1626-01	03/25/2025	14:27	PL094836.D	9.05	3.54
CO-32-1MS	Q1626-01MS	03/25/2025	14:41	PL094837.D	9.05	3.54
CO-32-1MSD	Q1626-01MSD	03/25/2025	14:55	PL094838.D	9.05	3.54
I.BLK	I.BLK	03/25/2025	16:15	PL094841.D	9.06	3.54
PSTDCCC050	PSTDCCC050	03/25/2025	17:01	PL094842.D	9.06	3.54

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Analytical Sequence

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

Project: Walsh CO-032 Sampling **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/11/2025 03/11/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	03/11/2025	09:55	PL094566.D	7.91	2.77
PEM	PEM	03/11/2025	10:08	PL094567.D	7.91	2.77
RESCHK	RESCHK	03/11/2025	10:22	PL094568.D	7.91	2.77
PSTDICC100	PSTDICC100	03/11/2025	10:35	PL094569.D	7.91	2.77
PSTDICC075	PSTDICC075	03/11/2025	10:49	PL094570.D	7.91	2.77
PSTDICC050	PSTDICC050	03/11/2025	11:02	PL094571.D	7.91	2.77
PSTDICC025	PSTDICC025	03/11/2025	11:16	PL094572.D	7.91	2.77
PSTDICC005	PSTDICC005	03/11/2025	11:29	PL094573.D	7.91	2.77
PCHLORICC500	PCHLORICC500	03/11/2025	12:10	PL094576.D	7.91	2.77
PTOXICC500	PTOXICC500	03/11/2025	13:18	PL094581.D	7.91	2.77
I.BLK	I.BLK	03/25/2025	10:19	PL094830.D	7.90	2.77
PEM	PEM	03/25/2025	11:36	PL094831.D	7.91	2.77
PSTDCCC050	PSTDCCC050	03/25/2025	11:50	PL094832.D	7.90	2.77
PB167272BL	PB167272BL	03/25/2025	12:25	PL094833.D	7.91	2.77
PB167272BS	PB167272BS	03/25/2025	14:00	PL094834.D	7.90	2.77
CO-32-1	Q1626-01	03/25/2025	14:27	PL094836.D	7.90	2.77
CO-32-1MS	Q1626-01MS	03/25/2025	14:41	PL094837.D	7.90	2.77
CO-32-1MSD	Q1626-01MSD	03/25/2025	14:55	PL094838.D	7.90	2.77
I.BLK	I.BLK	03/25/2025	16:15	PL094841.D	7.91	2.77
PSTDCCC050	PSTDCCC050	03/25/2025	17:01	PL094842.D	7.90	2.77

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

CO-32-1

Contract: WALS01

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

Lab Sample ID: Q1626-01 **Date(s) Analyzed:** 03/25/2025 03/25/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
gamma-Chlordane	1	5.94	5.89	5.99	11.1	30.1
	2	4.96	4.91	5.01	8.20	
alpha-Chlordane	1	6.02	5.97	6.07	11.1	14.5
	2	5.03	4.98	5.08	9.60	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

CO-32-1MS

Contract: WALS01

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

Lab Sample ID: Q1626-01MS **Date(s) Analyzed:** 03/25/2025 03/25/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	52.6	80.9
	2	5.78	5.73	5.83	22.3	
4,4'-DDT	1	7.02	6.97	7.07	23.3	79.3
	2	6.02	5.97	6.07	53.9	
alpha-BHC	1	3.99	3.94	4.04	15.7	1.3
	2	3.27	3.22	3.32	15.5	
Aldrin	1	5.25	5.20	5.30	15.5	21.3
	2	4.22	4.17	4.27	19.2	
4,4'-DDE	1	6.19	6.14	6.24	24.4	24.4
	2	5.22	5.17	5.27	19.1	
Endosulfan II	1	6.79	6.74	6.84	17.3	28.3
	2	5.92	5.87	5.97	23.0	
Endrin aldehyde	1	6.92	6.87	6.97	13.8	12.2
	2	6.10	6.05	6.15	15.6	
Endosulfan sulfate	1	7.15	7.10	7.20	24.7	2.9
	2	6.33	6.28	6.38	24.0	
Methoxychlor	1	7.50	7.45	7.55	18.1	55.8
	2	6.60	6.55	6.65	10.2	
Endrin ketone	1	7.64	7.59	7.69	16.4	20.1
	2	6.83	6.78	6.88	13.4	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	17.6	7.7
	2	3.60	3.55	3.65	19.0	
Heptachlor	1	4.91	4.86	4.96	16.5	6.9
	2	3.94	3.89	3.99	15.4	
beta-BHC	1	4.52	4.47	4.57	14.7	22.9
	2	3.90	3.85	3.95	18.5	
delta-BHC	1	4.77	4.72	4.82	24.7	54
	2	4.13	4.08	4.18	14.2	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

CO-32-1MS

Contract: WALS01

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

Lab Sample ID: Q1626-01MS **Date(s) Analyzed:** 03/25/2025 03/25/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Heptachlor epoxide	1	5.68	5.63	5.73	29.6	56.3
	2	4.72	4.67	4.77	16.6	
Endosulfan I	1	6.07	6.02	6.12	15.8	44
	2	5.09	5.04	5.14	10.1	
gamma-Chlordane	1	5.94	5.89	5.99	33.1	18.1
	2	4.97	4.92	5.02	27.6	
alpha-Chlordane	1	6.02	5.97	6.07	26.2	5.2
	2	5.03	4.98	5.08	27.6	
Dieldrin	1	6.34	6.29	6.39	25.4	49.3
	2	5.36	5.31	5.41	42.0	
Endrin	1	6.57	6.52	6.62	30.1	37.9
	2	5.63	5.58	5.68	20.5	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

CO-32-1MSD

Contract: WALS01

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

Lab Sample ID: Q1626-01MSD **Date(s) Analyzed:** 03/25/2025 03/25/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.79	6.74	6.84	16.8	31.6
	2	5.92	5.87	5.97	23.1	
4,4'-DDD	1	6.71	6.66	6.76	50.5	78.2
	2	5.78	5.73	5.83	22.1	
4,4'-DDT	1	7.02	6.97	7.07	21.6	84.2
	2	6.03	5.98	6.08	53.0	
Endrin aldehyde	1	6.92	6.87	6.97	11.8	19.2
	2	6.10	6.05	6.15	14.3	
Endosulfan sulfate	1	7.15	7.10	7.20	23.8	8.3
	2	6.33	6.28	6.38	21.9	
Methoxychlor	1	7.50	7.45	7.55	15.0	60.9
	2	6.60	6.55	6.65	8.00	
Endrin ketone	1	7.64	7.59	7.69	16.7	35.2
	2	6.83	6.78	6.88	11.7	
alpha-BHC	1	3.99	3.94	4.04	15.1	4.5
	2	3.27	3.22	3.32	15.8	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	17.7	11.2
	2	3.60	3.55	3.65	19.8	
Heptachlor	1	4.91	4.86	4.96	15.8	0
	2	3.94	3.89	3.99	15.8	
Aldrin	1	5.25	5.20	5.30	15.4	18.3
	2	4.22	4.17	4.27	18.5	
beta-BHC	1	4.52	4.47	4.57	14.5	25.8
	2	3.90	3.85	3.95	18.8	
delta-BHC	1	4.77	4.72	4.82	25.8	60.6
	2	4.13	4.08	4.18	13.8	
Heptachlor epoxide	1	5.68	5.63	5.73	28.3	52.7
	2	4.72	4.67	4.77	16.5	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

CO-32-1MSD

Contract: WALS01

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

Lab Sample ID: Q1626-01MSD **Date(s) Analyzed:** 03/25/2025 03/25/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	15.4	42.5
	2	5.09	5.04	5.14	10.0	
gamma-Chlordane	1	5.94	5.89	5.99	32.0	15.9
	2	4.97	4.92	5.02	27.3	
alpha-Chlordane	1	6.02	5.97	6.07	25.6	6.8
	2	5.03	4.98	5.08	27.4	
4,4'-DDE	1	6.19	6.14	6.24	23.8	25.1
	2	5.22	5.17	5.27	18.5	
Dieldrin	1	6.34	6.29	6.39	20.6	66
	2	5.36	5.31	5.41	40.9	
Endrin	1	6.57	6.52	6.62	29.2	36.9
	2	5.63	5.58	5.68	20.1	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167272BS

Contract: WALS01

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

Lab Sample ID: PB167272BS **Date(s) Analyzed:** 03/25/2025 03/25/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	18.1	3.3
	2	5.78	5.73	5.83	18.7	
4,4'-DDE	1	6.19	6.14	6.24	17.6	1.1
	2	5.22	5.17	5.27	17.8	
4,4'-DDT	1	7.02	6.97	7.07	18.1	3.3
	2	6.03	5.98	6.08	18.7	
alpha-BHC	1	3.99	3.94	4.04	15.2	13.5
	2	3.27	3.22	3.32	17.4	
Aldrin	1	5.26	5.21	5.31	15.1	10.1
	2	4.22	4.17	4.27	16.7	
alpha-Chlordane	1	6.02	5.97	6.07	15.9	5.5
	2	5.04	4.99	5.09	16.8	
Endosulfan II	1	6.79	6.74	6.84	16.4	5.3
	2	5.93	5.88	5.98	17.3	
Endosulfan sulfate	1	7.16	7.11	7.21	16.3	9.4
	2	6.33	6.28	6.38	17.9	
beta-BHC	1	4.53	4.48	4.58	15.2	11.8
	2	3.90	3.85	3.95	17.1	
delta-BHC	1	4.77	4.72	4.82	16.2	5.4
	2	4.13	4.08	4.18	17.1	
Endosulfan I	1	6.07	6.02	6.12	16.0	4.9
	2	5.09	5.04	5.14	16.8	
Dieldrin	1	6.34	6.29	6.39	16.3	4.8
	2	5.36	5.31	5.41	17.1	
Endrin aldehyde	1	6.92	6.87	6.97	16.8	3.5
	2	6.11	6.06	6.16	17.4	
Methoxychlor	1	7.50	7.45	7.55	18.7	3.2
	2	6.60	6.55	6.65	19.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167272BS

Contract: WALS01

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

Lab Sample ID: PB167272BS **Date(s) Analyzed:** 03/25/2025 03/25/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin ketone	1	7.64	7.59	7.69	16.9	6.3
	2	6.83	6.78	6.88	18.0	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	15.3	9.9
	2	3.60	3.55	3.65	16.9	
Heptachlor	1	4.91	4.86	4.96	15.2	8.2
	2	3.94	3.89	3.99	16.5	
Heptachlor epoxide	1	5.68	5.63	5.73	15.6	8
	2	4.72	4.67	4.77	16.9	
gamma-Chlordane	1	5.94	5.89	5.99	15.6	8
	2	4.97	4.92	5.02	16.9	
Endrin	1	6.57	6.52	6.62	16.3	6.5
	2	5.63	5.58	5.68	17.4	

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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**			**03/21/25**			**03/21/25**
			Gasoline Range Organics	8015D			03/24/25	
			Herbicide	8151A		03/25/25	03/26/25	
			PCB	8082A		03/24/25	03/24/25	
			Pesticide-TCL	8081B		03/24/25	03/25/25	
			TPH GC	8015D		03/25/25	03/25/25	
			EPH_NF	NJEPH		03/24/25	03/24/25	
Q1626-01DL	**CO-32-1DL**	**SOIL**			**03/21/25**			**03/21/25**
			PCB	8082A		03/24/25	03/25/25	
Q1626-03	**CO-32-1**	**TCLP**			**03/21/25**			**03/21/25**
			TCLP Herbicide	8151A		03/25/25	03/26/25	
			TCLP Pesticide	8081B		03/25/25	03/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1626 **Order ID:** Q1626

Client: Walsh Construction Company II, LLC **Project ID:** Walsh CO-032 Sampling

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PB167275TB	SDG No.:	Q1626
Lab Sample ID:	PB167275TB	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094855.D	1	03/25/25 12:40	03/25/25 20:12	PB167311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.2		43 - 140	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.7		77 - 126	99%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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:	Q1626-03	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094859.D	1	03/25/25 12:40	03/25/25 21:07	PB167311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	27.8		43 - 140	139%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.1		77 - 126	115%	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
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J = Estimated Value
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() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL094566.D	PIBLK-PL094566.D	Decachlorobiphenyl	1	20	22.7	114		43	140
		Tetrachloro-m-xylene	1	20	20.6	103		77	126
		Decachlorobiphenyl	2	20	21.0	105		43	140
		Tetrachloro-m-xylene	2	20	20.2	101		77	126
I.BLK-PL094849.D	PIBLK-PL094849.D	Decachlorobiphenyl	1	20	19.9	99		43	140
		Tetrachloro-m-xylene	1	20	18.4	92		77	126
		Decachlorobiphenyl	2	20	14.2	71		43	140
		Tetrachloro-m-xylene	2	20	19.1	95		77	126
PB167311BL	PB167311BL	Decachlorobiphenyl	1	20	20.4	102		43	140
		Tetrachloro-m-xylene	1	20	18.4	92		77	126
		Decachlorobiphenyl	2	20	16.6	83		43	140
		Tetrachloro-m-xylene	2	20	19.8	99		77	126
PB167275TB	PB167275TB	Decachlorobiphenyl	1	20	21.2	106		43	140
		Tetrachloro-m-xylene	1	20	18.2	91		77	126
		Decachlorobiphenyl	2	20	18.0	90		43	140
		Tetrachloro-m-xylene	2	20	19.7	99		77	126
Q1609-03MS	WC-SCRN-01-CMS	Decachlorobiphenyl	1	20	21.6	108		43	140
		Tetrachloro-m-xylene	1	20	18.9	94		77	126
		Decachlorobiphenyl	2	20	18.2	91		43	140
		Tetrachloro-m-xylene	2	20	19.8	99		77	126
Q1609-03MSD	WC-SCRN-01-CMSD	Decachlorobiphenyl	1	20	21.6	108		43	140
		Tetrachloro-m-xylene	1	20	19.0	95		77	126
		Decachlorobiphenyl	2	20	18.3	91		43	140
		Tetrachloro-m-xylene	2	20	19.9	100		77	126
Q1626-03	CO-32-1	Decachlorobiphenyl	1	20	27.8	139		43	140
		Tetrachloro-m-xylene	1	20	22.2	111		77	126
		Decachlorobiphenyl	2	20	24.3	121		43	140
		Tetrachloro-m-xylene	2	20	23.1	115		77	126
I.BLK-PL094862.D	PIBLK-PL094862.D	Decachlorobiphenyl	1	20	19.9	99		43	140
		Tetrachloro-m-xylene	1	20	18.1	91		77	126
		Decachlorobiphenyl	2	20	18.4	92		43	140
		Tetrachloro-m-xylene	2	20	18.6	93		77	126
I.BLK-PL094893.D	PIBLK-PL094893.D	Decachlorobiphenyl	1	20	21.5	107		43	140
		Tetrachloro-m-xylene	1	20	19.2	96		77	126
		Decachlorobiphenyl	2	20	19.9	100		43	140
		Tetrachloro-m-xylene	2	20	19.7	99		77	126
PB167311BS	PB167311BS	Decachlorobiphenyl	1	20	24.6	123		43	140
		Tetrachloro-m-xylene	1	20	20.1	101		77	126
		Decachlorobiphenyl	2	20	21.0	105		43	140
		Tetrachloro-m-xylene	2	20	21.4	107		77	126
I.BLK-PL094901.D	PIBLK-PL094901.D	Decachlorobiphenyl	1	20	21.2	106		43	140

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Surrogate Summary

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL094901.D	PIBLK-PL094901.D	Tetrachloro-m-xylene	1	20	17.9	90		77	126
		Decachlorobiphenyl	2	20	20.2	101		43	140
		Tetrachloro-m-xylene	2	20	18.9	95		77	126

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B **DataFile :** PL094857.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**WC-SCRN-01-CMS**											
Q1609-03MS	gamma-BHC (Lindane)	5	0	5.00	ug/L	100				60	152	
	Heptachlor	5	0	4.70	ug/L	94				56	147	
	Heptachlor epoxide	5	0	4.80	ug/L	96				77	143	
	Endrin	5	0	4.90	ug/L	98				76	144	
	Methoxychlor	5	0	5.10	ug/L	102				70	142	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B **DataFile :** PL094858.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**WC-SCRN-01-CMSD**											
Q1609-03MSD	gamma-BHC (Lindane)	5	0	4.90	ug/L	98		2		60	152	20
	Heptachlor	5	0	4.70	ug/L	94		0		56	147	20
	Heptachlor epoxide	5	0	4.90	ug/L	98		2		77	143	20
	Endrin	5	0	4.90	ug/L	98		0		76	144	20
	Methoxychlor	5	0	5.10	ug/L	102		0		70	142	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B **Datafile :** PL094898.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167311BS	gamma-BHC (Lindane)	0.5	0.50	ug/L	100				82	129	
	Heptachlor	0.5	0.47	ug/L	94				79	127	
	Heptachlor epoxide	0.5	0.48	ug/L	96				81	124	
	Endrin	0.5	0.50	ug/L	101				81	128	
	Methoxychlor	0.5	0.51	ug/L	102				78	108	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167311BL

Lab Name: CHEMTECH Contract: WALS01

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

Lab Sample ID: PB167311BL Lab File ID: PL094852.D

Matrix: (soil/water) water Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 03/25/2025

Date Analyzed (1): 03/25/2025 Date Analyzed (2): 03/25/2025

Time Analyzed (1): 19:31 Time Analyzed (2): 19:31

Instrument ID (1): ECD_L Instrument ID (2): ECD_L

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB167275TB	PB167275TB	PL094855.D	03/25/2025	03/25/2025
WC-SCRN-01-CMS	Q1609-03MS	PL094857.D	03/25/2025	03/25/2025
WC-SCRN-01-CMSD	Q1609-03MSD	PL094858.D	03/25/2025	03/25/2025
CO-32-1	Q1626-03	PL094859.D	03/25/2025	03/25/2025
PB167311BS	PB167311BS	PL094898.D	03/27/2025	03/27/2025

COMMENTS:

QC SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167311BL	SDG No.:	Q1626
Lab Sample ID:	PB167311BL	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094852.D	1	03/25/25 12:40	03/25/25 19:31	PB167311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.4		43 - 140	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.8		77 - 126	99%	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
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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/11/25
Project:	Walsh CO-032 Sampling	Date Received:	03/11/25
Client Sample ID:	PIBLK-PL094566.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PL094566.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094566.D	1		03/11/25	PL031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.7		43 - 140	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		77 - 126	103%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/25/25
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PIBLK-PL094849.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PL094849.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094849.D	1		03/25/25	pl032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.9		43 - 140	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		77 - 126	95%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/25/25
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PIBLK-PL094862.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PL094862.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094862.D	1		03/25/25	pl032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.9		43 - 140	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		77 - 126	93%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/27/25
Project:	Walsh CO-032 Sampling	Date Received:	03/27/25
Client Sample ID:	PIBLK-PL094893.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PL094893.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094893.D	1		03/27/25	PL032725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.5		43 - 140	107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.7		77 - 126	99%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/27/25
Project:	Walsh CO-032 Sampling	Date Received:	03/27/25
Client Sample ID:	PIBLK-PL094901.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PL094901.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094901.D	1		03/27/25	PL032725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.2		43 - 140	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		77 - 126	95%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167311BS	SDG No.:	Q1626
Lab Sample ID:	PB167311BS	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094898.D	1	03/25/25 12:40	03/27/25 11:03	PB167311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.50		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.47		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.48		0.0096	0.050	ug/L
72-20-8	Endrin	0.50		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.51		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.6		43 - 140	123%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		77 - 126	107%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/19/25
Project:	Walsh CO-032 Sampling	Date Received:	03/20/25
Client Sample ID:	WC-SCRN-01-CMS	SDG No.:	Q1626
Lab Sample ID:	Q1609-03MS	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094857.D	1	03/25/25 12:40	03/25/25 20:39	PB167311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.00		0.037	0.50	ug/L
76-44-8	Heptachlor	4.70		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	4.80		0.096	0.50	ug/L
72-20-8	Endrin	4.90		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.10		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.6		43 - 140	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.8		77 - 126	99%	SPK: 20

Comments:

U = Not Detected
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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
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/19/25
Project:	Walsh CO-032 Sampling	Date Received:	03/20/25
Client Sample ID:	WC-SCRN-01-CMSD	SDG No.:	Q1626
Lab Sample ID:	Q1609-03MSD	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094858.D	1	03/25/25 12:40	03/25/25 20:53	PB167311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	4.90		0.037	0.50	ug/L
76-44-8	Heptachlor	4.70		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	4.90		0.096	0.50	ug/L
72-20-8	Endrin	4.90		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.10		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.6		43 - 140	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.9		77 - 126	100%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_L **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 10:35 11:29

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL094569.D RT 075 = PL094570.D

RT 050 = PL094571.D RT 025 = PL094572.D RT 005 = PL094573.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.05	9.06	9.06	9.06	9.05	9.05	8.95	9.15
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
Heptachlor	4.91	4.92	4.92	4.91	4.92	4.91	4.81	5.01
Heptachlor epoxide	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.50	7.50	7.50	7.50	7.50	7.50	7.40	7.60
Tetrachloro-m-xylene	3.54	3.54	3.54	3.54	3.54	3.54	3.44	3.64

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_L **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 10:35 11:29

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL094569.D RT 075 = PL094570.D

RT 050 = PL094571.D RT 025 = PL094572.D RT 005 = PL094573.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
Endrin	5.63	5.63	5.63	5.63	5.63	5.63	5.53	5.73
gamma-BHC (Lindane)	3.60	3.60	3.60	3.60	3.60	3.60	3.50	3.70
Heptachlor	3.94	3.94	3.94	3.94	3.94	3.94	3.84	4.04
Heptachlor epoxide	4.72	4.72	4.73	4.72	4.72	4.72	4.62	4.82
Methoxychlor	6.61	6.61	6.61	6.61	6.61	6.61	6.51	6.71
Tetrachloro-m-xylene	2.77	2.77	2.77	2.77	2.77	2.77	2.67	2.87

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_L

Calibration Date(s): 03/11/2025 03/11/2025

Calibration Times: 10:35 11:29

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL094569.D **CF 075 =** PL094570.D

CF 050 = PL094571.D **CF 025 =** PL094572.D **CF 005 =** PL094573.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	1938960000	1961100000	2020410000	2196220000	2420590000	2107460000	10
Endrin	2585940000	2584670000	2628790000	2810860000	3250100000	2772070000	10
gamma-BHC (Lindane)	3886090000	3824550000	3841420000	4060770000	4338530000	3990270000	5
Heptachlor	3645730000	3661000000	3717820000	3965990000	4417600000	3881630000	8
Heptachlor epoxide	3127680000	3124100000	3197280000	3386170000	3890740000	3345200000	10
Methoxychlor	1109170000	1148450000	1148150000	1275940000	1303650000	1197070000	7
Tetrachloro-m-xylene	2677630000	2681900000	2722740000	2922670000	3148400000	2830670000	7

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_L

Calibration Date(s): 03/11/2025 03/11/2025

Calibration Times: 10:35 11:29

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL094569.D **CF 075 =** PL094570.D

CF 050 = PL094571.D **CF 025 =** PL094572.D **CF 005 =** PL094573.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	3950320000	3868520000	3903950000	4095240000	4378770000	4039360000	5
Endrin	4434550000	4325290000	4326060000	4330520000	4401830000	4363650000	1
gamma-BHC (Lindane)	5372230000	5230100000	5132530000	5070750000	4891640000	5139450000	3
Heptachlor	5363060000	5262730000	5228770000	5273220000	5215450000	5268650000	1
Heptachlor epoxide	4619190000	4519300000	4529520000	4593130000	4631780000	4578580000	1
Methoxychlor	2089160000	2085630000	2099350000	2155560000	2175640000	2121070000	2
Tetrachloro-m-xylene	3572520000	3517330000	3502400000	3623970000	3630140000	3569270000	2

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WALS01

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

Instrument ID: ECD_L **Date(s) Analyzed:** 03/11/2025 03/11/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.70	4.60	4.80	134630000
		2	5.23	5.13	5.33	144652000
		3	5.94	5.84	6.04	464863000
		4	6.02	5.92	6.12	547710000
		5	6.87	6.77	6.97	104488000
Toxaphene	500	1	6.24	6.14	6.34	25951700
		2	6.44	6.34	6.54	16397600
		3	7.06	6.96	7.16	82030600
		4	7.15	7.05	7.25	62943200
		5	7.93	7.83	8.03	45040400

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WALS01

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

Instrument ID: ECD_L **Date(s) Analyzed:** 03/11/2025 03/11/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.77	3.67	3.87	148442000
		2	4.35	4.25	4.45	174676000
		3	4.97	4.87	5.07	522517000
		4	5.04	4.94	5.14	515418000
		5	5.93	5.83	6.03	187177000
Toxaphene	500	1	5.00	4.90	5.10	26020300
		2	5.32	5.22	5.42	25489100
		3	5.68	5.58	5.78	28236400
		4	6.60	6.50	6.70	96540400
		5	7.04	6.94	7.14	93337600

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/25/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 19:18 **Initial Calibration Time(s):** 10:35 11:29

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.05	9.06	8.96	9.16	0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.01
Heptachlor	4.91	4.92	4.82	5.02	0.01
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/25/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 19:18 **Initial Calibration Time(s):** 10:35 11:29

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.90	7.91	7.81	8.01	0.01
Tetrachloro-m-xylene	2.77	2.77	2.67	2.87	0.00
gamma-BHC (Lindane)	3.60	3.60	3.50	3.70	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Heptachlor epoxide	4.72	4.73	4.63	4.83	0.01
Endrin	5.63	5.63	5.53	5.73	0.00
Methoxychlor	6.60	6.61	6.51	6.71	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/25/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL094851.D **Time Analyzed:** 19:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.052	8.956	9.156	50.890	50.000	1.8
Endrin	6.570	6.474	6.674	45.150	50.000	-9.7
gamma-BHC (Lindane)	4.325	4.227	4.427	49.900	50.000	-0.2
Heptachlor	4.912	4.815	5.015	46.600	50.000	-6.8
Heptachlor epoxide	5.681	5.583	5.783	47.380	50.000	-5.2
Methoxychlor	7.498	7.400	7.600	51.020	50.000	2.0
Tetrachloro-m-xylene	3.536	3.438	3.638	51.370	50.000	2.7

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/25/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL094851.D **Time Analyzed:** 19:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.903	7.807	8.007	42.010	50.000	-16.0
Endrin	5.630	5.534	5.734	51.350	50.000	2.7
gamma-BHC (Lindane)	3.601	3.504	3.704	57.590	50.000	15.2
Heptachlor	3.939	3.842	4.042	54.370	50.000	8.7
Heptachlor epoxide	4.721	4.625	4.825	53.160	50.000	6.3
Methoxychlor	6.603	6.507	6.707	51.470	50.000	2.9
Tetrachloro-m-xylene	2.770	2.672	2.872	56.870	50.000	13.7

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/25/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 22:01 **Initial Calibration Time(s):** 10:35 11:29

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.05	9.06	8.96	9.16	0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.01
Heptachlor	4.91	4.92	4.82	5.02	0.01
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/25/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 22:01 **Initial Calibration Time(s):** 10:35 11:29

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.90	7.91	7.81	8.01	0.01
Tetrachloro-m-xylene	2.77	2.77	2.67	2.87	0.00
gamma-BHC (Lindane)	3.60	3.60	3.50	3.70	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Heptachlor epoxide	4.72	4.73	4.63	4.83	0.01
Endrin	5.63	5.63	5.53	5.73	0.00
Methoxychlor	6.60	6.61	6.51	6.71	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/25/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL094863.D **Time Analyzed:** 22:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.051	8.956	9.156	49.060	50.000	-1.9
Endrin	6.571	6.474	6.674	42.730	50.000	-14.5
gamma-BHC (Lindane)	4.325	4.227	4.427	46.840	50.000	-6.3
Heptachlor	4.912	4.815	5.015	44.480	50.000	-11.0
Heptachlor epoxide	5.680	5.583	5.783	45.420	50.000	-9.2
Methoxychlor	7.498	7.400	7.600	47.920	50.000	-4.2
Tetrachloro-m-xylene	3.536	3.438	3.638	47.390	50.000	-5.2

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/25/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL094863.D **Time Analyzed:** 22:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.903	7.807	8.007	49.180	50.000	-1.6
Endrin	5.630	5.534	5.734	49.920	50.000	-0.2
gamma-BHC (Lindane)	3.601	3.504	3.704	51.790	50.000	3.6
Heptachlor	3.939	3.842	4.042	49.530	50.000	-0.9
Heptachlor epoxide	4.721	4.625	4.825	50.350	50.000	0.7
Methoxychlor	6.603	6.507	6.707	49.960	50.000	-0.1
Tetrachloro-m-xylene	2.769	2.672	2.872	52.200	50.000	4.4

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/27/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 08:54 **Initial Calibration Time(s):** 10:35 11:29

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.05	9.06	8.96	9.16	0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.01
Heptachlor	4.91	4.92	4.82	5.02	0.01
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/27/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 08:54 **Initial Calibration Time(s):** 10:35 11:29

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.90	7.91	7.81	8.01	0.01
Tetrachloro-m-xylene	2.77	2.77	2.67	2.87	0.00
gamma-BHC (Lindane)	3.60	3.60	3.50	3.70	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Heptachlor epoxide	4.72	4.73	4.63	4.83	0.01
Endrin	5.63	5.63	5.53	5.73	0.00
Methoxychlor	6.60	6.61	6.51	6.71	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL03 **Date Analyzed:** 03/27/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL094895.D **Time Analyzed:** 08:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.051	8.956	9.156	53.080	50.000	6.2
Endrin	6.570	6.474	6.674	47.990	50.000	-4.0
gamma-BHC (Lindane)	4.325	4.227	4.427	49.500	50.000	-1.0
Heptachlor	4.913	4.815	5.015	47.920	50.000	-4.2
Heptachlor epoxide	5.681	5.583	5.783	48.800	50.000	-2.4
Methoxychlor	7.497	7.400	7.600	54.050	50.000	8.1
Tetrachloro-m-xylene	3.537	3.438	3.638	49.950	50.000	-0.1

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL03 **Date Analyzed:** 03/27/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL094895.D **Time Analyzed:** 08:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.902	7.807	8.007	51.450	50.000	2.9
Endrin	5.630	5.534	5.734	54.500	50.000	9.0
gamma-BHC (Lindane)	3.602	3.504	3.704	55.940	50.000	11.9
Heptachlor	3.939	3.842	4.042	53.750	50.000	7.5
Heptachlor epoxide	4.721	4.625	4.825	54.160	50.000	8.3
Methoxychlor	6.602	6.507	6.707	54.150	50.000	8.3
Tetrachloro-m-xylene	2.770	2.672	2.872	54.950	50.000	9.9

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/27/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 12:06 **Initial Calibration Time(s):** 10:35 11:29

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.05	9.06	8.96	9.16	0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.91	4.92	4.82	5.02	0.01
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/27/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 12:06 **Initial Calibration Time(s):** 10:35 11:29

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.90	7.91	7.81	8.01	0.01
Tetrachloro-m-xylene	2.77	2.77	2.67	2.87	0.00
gamma-BHC (Lindane)	3.60	3.60	3.50	3.70	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Heptachlor epoxide	4.72	4.73	4.63	4.83	0.01
Endrin	5.63	5.63	5.53	5.73	0.00
Methoxychlor	6.60	6.61	6.51	6.71	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL04 **Date Analyzed:** 03/27/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL094902.D **Time Analyzed:** 12:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.049	8.956	9.156	51.790	50.000	3.6
Endrin	6.568	6.474	6.674	46.160	50.000	-7.7
gamma-BHC (Lindane)	4.324	4.227	4.427	48.230	50.000	-3.5
Heptachlor	4.912	4.815	5.015	46.730	50.000	-6.5
Heptachlor epoxide	5.679	5.583	5.783	47.430	50.000	-5.1
Methoxychlor	7.496	7.400	7.600	53.000	50.000	6.0
Tetrachloro-m-xylene	3.536	3.438	3.638	48.380	50.000	-3.2

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL04 **Date Analyzed:** 03/27/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL094902.D **Time Analyzed:** 12:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.900	7.807	8.007	51.730	50.000	3.5
Endrin	5.628	5.534	5.734	54.210	50.000	8.4
gamma-BHC (Lindane)	3.601	3.504	3.704	55.140	50.000	10.3
Heptachlor	3.938	3.842	4.042	53.260	50.000	6.5
Heptachlor epoxide	4.719	4.625	4.825	53.580	50.000	7.2
Methoxychlor	6.601	6.507	6.707	55.630	50.000	11.3
Tetrachloro-m-xylene	2.769	2.672	2.872	54.670	50.000	9.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No. (PEM): PEM - PL094567.D **Date Analyzed:** 03/11/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:08

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.052	8.950	9.150	20.540	20.000	2.7
Tetrachloro-m-xylene	3.536	3.490	3.590	19.600	20.000	-2.0
alpha-BHC	3.992	3.940	4.040	10.230	10.000	2.3
beta-BHC	4.524	4.470	4.570	10.180	10.000	1.8
gamma-BHC (Lindane)	4.325	4.270	4.380	10.310	10.000	3.1
Endrin	6.572	6.500	6.640	43.430	50.000	-13.1
4,4'-DDT	7.021	6.950	7.090	87.030	100.000	-13.0
Methoxychlor	7.498	7.430	7.570	214.630	250.000	-14.1

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No. (PEM): PEM - PL094567.D **Date Analyzed:** 03/11/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:08

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.905	7.800	8.010	19.590	20.000	-2.1
Tetrachloro-m-xylene	2.771	2.720	2.820	19.320	20.000	-3.4
alpha-BHC	3.273	3.220	3.320	9.150	10.000	-8.5
beta-BHC	3.903	3.850	3.950	10.130	10.000	1.3
gamma-BHC (Lindane)	3.603	3.550	3.650	9.160	10.000	-8.4
Endrin	5.632	5.560	5.700	44.410	50.000	-11.2
4,4'-DDT	6.030	5.960	6.100	97.400	100.000	-2.6
Methoxychlor	6.605	6.530	6.680	224.380	250.000	-10.2

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No. (PEM): PEM - PL094850.D **Date Analyzed:** 03/25/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 18:50

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.053	8.950	9.150	21.160	20.000	5.8
Tetrachloro-m-xylene	3.536	3.490	3.590	20.100	20.000	0.5
alpha-BHC	3.992	3.940	4.040	10.170	10.000	1.7
beta-BHC	4.524	4.470	4.570	10.720	10.000	7.2
gamma-BHC (Lindane)	4.325	4.270	4.380	10.140	10.000	1.4
Endrin	6.571	6.500	6.640	40.310	50.000	-19.4
4,4'-DDT	7.023	6.950	7.090	86.440	100.000	-13.6
Methoxychlor	7.499	7.430	7.570	217.060	250.000	-13.2

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No. (PEM): PEM - PL094850.D **Date Analyzed:** 03/25/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 18:50

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.903	7.800	8.000	15.190	20.000	-24.1
Tetrachloro-m-xylene	2.770	2.720	2.820	21.140	20.000	5.7
alpha-BHC	3.272	3.220	3.320	10.060	10.000	0.6
beta-BHC	3.902	3.850	3.950	11.210	10.000	12.1
gamma-BHC (Lindane)	3.601	3.550	3.650	10.000	10.000	0.0
Endrin	5.631	5.560	5.700	42.460	50.000	-15.1
4,4'-DDT	6.029	5.960	6.100	94.800	100.000	-5.2
Methoxychlor	6.604	6.530	6.670	206.600	250.000	-17.4

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No. (PEM): PEM - PL094894.D **Date Analyzed:** 03/27/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 08:41

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.051	8.950	9.150	23.320	20.000	16.6
Tetrachloro-m-xylene	3.537	3.490	3.590	21.510	20.000	7.6
alpha-BHC	3.993	3.940	4.040	10.940	10.000	9.4
beta-BHC	4.525	4.470	4.580	10.810	10.000	8.1
gamma-BHC (Lindane)	4.326	4.280	4.380	11.030	10.000	10.3
Endrin	6.571	6.500	6.640	44.910	50.000	-10.2
4,4'-DDT	7.023	6.950	7.090	98.870	100.000	-1.1
Methoxychlor	7.499	7.430	7.570	242.390	250.000	-3.0

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No. (PEM): PEM - PL094894.D **Date Analyzed:** 03/27/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 08:41

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.902	7.800	8.000	22.190	20.000	11.0
Tetrachloro-m-xylene	2.770	2.720	2.820	22.660	20.000	13.3
alpha-BHC	3.272	3.220	3.320	10.790	10.000	7.9
beta-BHC	3.903	3.850	3.950	12.320	10.000	23.2
gamma-BHC (Lindane)	3.602	3.550	3.650	10.920	10.000	9.2
Endrin	5.631	5.560	5.700	53.000	50.000	6.0
4,4'-DDT	6.028	5.960	6.100	117.000	100.000	17.0
Methoxychlor	6.601	6.530	6.670	260.250	250.000	4.1

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Analytical Sequence

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

Project: Walsh CO-032 Sampling **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/11/2025 03/11/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	03/11/2025	09:55	PL094566.D	9.05	3.54
PEM	PEM	03/11/2025	10:08	PL094567.D	9.05	3.54
RESCHK	RESCHK	03/11/2025	10:22	PL094568.D	9.05	3.54
PSTDICC100	PSTDICC100	03/11/2025	10:35	PL094569.D	9.05	3.54
PSTDICC075	PSTDICC075	03/11/2025	10:49	PL094570.D	9.06	3.54
PSTDICC050	PSTDICC050	03/11/2025	11:02	PL094571.D	9.06	3.54
PSTDICC025	PSTDICC025	03/11/2025	11:16	PL094572.D	9.06	3.54
PSTDICC005	PSTDICC005	03/11/2025	11:29	PL094573.D	9.05	3.54
PCHLORICC500	PCHLORICC500	03/11/2025	12:10	PL094576.D	9.06	3.54
PTOXICC500	PTOXICC500	03/11/2025	13:18	PL094581.D	9.05	3.54
I.BLK	I.BLK	03/25/2025	18:37	PL094849.D	9.05	3.54
PEM	PEM	03/25/2025	18:50	PL094850.D	9.05	3.54
PSTDCCC050	PSTDCCC050	03/25/2025	19:18	PL094851.D	9.05	3.54
PB167311BL	PB167311BL	03/25/2025	19:31	PL094852.D	9.05	3.54
PB167275TB	PB167275TB	03/25/2025	20:12	PL094855.D	9.05	3.54
WC-SCRN-01-CMS	Q1609-03MS	03/25/2025	20:39	PL094857.D	9.05	3.54
WC-SCRN-01-CMSD	Q1609-03MSD	03/25/2025	20:53	PL094858.D	9.05	3.54
CO-32-1	Q1626-03	03/25/2025	21:07	PL094859.D	9.05	3.54
I.BLK	I.BLK	03/25/2025	21:48	PL094862.D	9.05	3.54
PSTDCCC050	PSTDCCC050	03/25/2025	22:01	PL094863.D	9.05	3.54
I.BLK	I.BLK	03/27/2025	08:27	PL094893.D	9.05	3.54
PEM	PEM	03/27/2025	08:41	PL094894.D	9.05	3.54
PSTDCCC050	PSTDCCC050	03/27/2025	08:54	PL094895.D	9.05	3.54
PB167311BS	PB167311BS	03/27/2025	11:03	PL094898.D	9.06	3.54
I.BLK	I.BLK	03/27/2025	11:52	PL094901.D	9.05	3.54
PSTDCCC050	PSTDCCC050	03/27/2025	12:06	PL094902.D	9.05	3.54

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Analytical Sequence

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

Project: Walsh CO-032 Sampling **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/11/2025 03/11/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	03/11/2025	09:55	PL094566.D	7.91	2.77
PEM	PEM	03/11/2025	10:08	PL094567.D	7.91	2.77
RESCHK	RESCHK	03/11/2025	10:22	PL094568.D	7.91	2.77
PSTDICC100	PSTDICC100	03/11/2025	10:35	PL094569.D	7.91	2.77
PSTDICC075	PSTDICC075	03/11/2025	10:49	PL094570.D	7.91	2.77
PSTDICC050	PSTDICC050	03/11/2025	11:02	PL094571.D	7.91	2.77
PSTDICC025	PSTDICC025	03/11/2025	11:16	PL094572.D	7.91	2.77
PSTDICC005	PSTDICC005	03/11/2025	11:29	PL094573.D	7.91	2.77
PCHLORICC500	PCHLORICC500	03/11/2025	12:10	PL094576.D	7.91	2.77
PTOXICC500	PTOXICC500	03/11/2025	13:18	PL094581.D	7.91	2.77
I.BLK	I.BLK	03/25/2025	18:37	PL094849.D	7.90	2.77
PEM	PEM	03/25/2025	18:50	PL094850.D	7.90	2.77
PSTDCCC050	PSTDCCC050	03/25/2025	19:18	PL094851.D	7.90	2.77
PB167311BL	PB167311BL	03/25/2025	19:31	PL094852.D	7.90	2.77
PB167275TB	PB167275TB	03/25/2025	20:12	PL094855.D	7.90	2.77
WC-SCRN-01-CMS	Q1609-03MS	03/25/2025	20:39	PL094857.D	7.90	2.77
WC-SCRN-01-CMSD	Q1609-03MSD	03/25/2025	20:53	PL094858.D	7.90	2.77
CO-32-1	Q1626-03	03/25/2025	21:07	PL094859.D	7.90	2.77
I.BLK	I.BLK	03/25/2025	21:48	PL094862.D	7.90	2.77
PSTDCCC050	PSTDCCC050	03/25/2025	22:01	PL094863.D	7.90	2.77
I.BLK	I.BLK	03/27/2025	08:27	PL094893.D	7.90	2.77
PEM	PEM	03/27/2025	08:41	PL094894.D	7.90	2.77
PSTDCCC050	PSTDCCC050	03/27/2025	08:54	PL094895.D	7.90	2.77
PB167311BS	PB167311BS	03/27/2025	11:03	PL094898.D	7.91	2.77
I.BLK	I.BLK	03/27/2025	11:52	PL094901.D	7.90	2.77
PSTDCCC050	PSTDCCC050	03/27/2025	12:06	PL094902.D	7.90	2.77

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167311BS

Contract: WALS01

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

Lab Sample ID: PB167311BS **Date(s) Analyzed:** 03/27/2025 03/27/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.50	7.45	7.55	0.51	0.7
	2	6.61	6.56	6.66	0.51	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.44	13.4
	2	3.60	3.55	3.65	0.50	
Heptachlor	1	4.92	4.87	4.97	0.43	8.7
	2	3.94	3.89	3.99	0.47	
Heptachlor epoxide	1	5.69	5.64	5.74	0.44	8.1
	2	4.72	4.67	4.77	0.48	
Endrin	1	6.58	6.53	6.63	0.44	12.8
	2	5.63	5.58	5.68	0.50	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-SCRN-01-CMS

Contract: WALS01

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

Lab Sample ID: Q1609-03MS **Date(s) Analyzed:** 03/25/2025 03/25/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.50	7.45	7.55	5.00	2
	2	6.60	6.55	6.65	5.10	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	4.50	10.5
	2	3.60	3.55	3.65	5.00	
Heptachlor	1	4.91	4.86	4.96	4.40	6.6
	2	3.94	3.89	3.99	4.70	
Heptachlor epoxide	1	5.68	5.63	5.73	4.30	11
	2	4.72	4.67	4.77	4.80	
Endrin	1	6.57	6.52	6.62	4.50	8.5
	2	5.63	5.58	5.68	4.90	

Alliance TECHNICAL GROUP
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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.
WC-SCRN-01-CMSD

Contract: WALS01

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

Lab Sample ID: Q1609-03MSD **Date(s) Analyzed:** 03/25/2025 03/25/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.50	7.45	7.55	5.10	0
	2	6.60	6.55	6.65	5.10	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	4.50	8.5
	2	3.60	3.55	3.65	4.90	
Heptachlor	1	4.91	4.86	4.96	4.40	6.6
	2	3.94	3.89	3.99	4.70	
Heptachlor epoxide	1	5.68	5.63	5.73	4.40	10.8
	2	4.72	4.67	4.77	4.90	
Endrin	1	6.57	6.52	6.62	4.50	8.5
	2	5.63	5.58	5.68	4.90	

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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**			**03/21/25**			**03/21/25**
			Gasoline Range Organics	8015D			03/24/25	
			PCB	8082A		03/24/25	03/24/25	
			TPH GC	8015D		03/25/25	03/25/25	
			EPH_NF	NJEPH		03/24/25	03/24/25	
Q1626-01DL	**CO-32-1DL**	**SOIL**			**03/21/25**			**03/21/25**
			PCB	8082A		03/24/25	03/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1626 **Order ID:** Q1626

Client: Walsh Construction Company II, LLC **Project ID:** Walsh CO-032 Sampling

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : CO-32-1								
Q1626-01	CO-32-1	SOIL	Aroclor-1254	439	EP	3.40	17.9	ug/kg
Q1626-01	CO-32-1	SOIL	Aroclor-1260	328	P	3.40	17.9	ug/kg
			Total Concentration:	**767.000**				
Client ID : CO-32-1DL								
Q1626-01DL	CO-32-1DL	SOIL	Aroclor-1254	454	D	6.80	35.8	ug/kg
Q1626-01DL	CO-32-1DL	SOIL	Aroclor-1260	353	D	6.80	35.8	ug/kg
			Total Concentration:	**807.000**				

SAMPLE DATA

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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070834.D	1	03/24/25 08:50	03/24/25 15:10	PB167271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	17.9	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.9	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.9	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	17.9	ug/kg
12672-29-6	Aroclor-1248	6.20	U	6.20	17.9	ug/kg
11097-69-1	Aroclor-1254	439	EP	3.40	17.9	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	17.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	17.9	ug/kg
11096-82-5	Aroclor-1260	328	P	3.40	17.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.4		32 - 175	107%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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-32-1DL	SDG No.:	Q1626
Lab Sample ID:	Q1626-01DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070846.D	2	03/24/25 08:50	03/25/25 09:50	PB167271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	8.30	UD	8.30	35.8	ug/kg
11104-28-2	Aroclor-1221	8.50	UD	8.50	35.8	ug/kg
11141-16-5	Aroclor-1232	7.80	UD	7.80	35.8	ug/kg
53469-21-9	Aroclor-1242	8.40	UD	8.40	35.8	ug/kg
12672-29-6	Aroclor-1248	12.5	UD	12.5	35.8	ug/kg
11097-69-1	Aroclor-1254	454	D	6.80	35.8	ug/kg
37324-23-5	Aroclor-1262	10.6	UD	10.6	35.8	ug/kg
11100-14-4	Aroclor-1268	7.60	UD	7.60	35.8	ug/kg
11096-82-5	Aroclor-1260	353	D	6.80	35.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		32 - 144	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.0		32 - 175	110%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP070418.D	PIBLK-PP070418.D	Tetrachloro-m-xylene	1	20	22.0	110		60	140
		Decachlorobiphenyl	1	20	23.1	116		60	140
		Tetrachloro-m-xylene	2	20	23.0	115		60	140
		Decachlorobiphenyl	2	20	23.5	117		60	140
I.BLK-PP070828.D	PIBLK-PP070828.D	Tetrachloro-m-xylene	1	20	19.4	97		60	140
		Decachlorobiphenyl	1	20	21.0	105		60	140
		Tetrachloro-m-xylene	2	20	22.2	111		60	140
		Decachlorobiphenyl	2	20	18.1	91		60	140
PB167271BL	PB167271BL	Tetrachloro-m-xylene	1	20	21.4	107		32	144
		Decachlorobiphenyl	1	20	22.4	112		32	175
		Tetrachloro-m-xylene	2	20	23.1	115		32	144
		Decachlorobiphenyl	2	20	19.9	99		32	175
PB167271BS	PB167271BS	Tetrachloro-m-xylene	1	20	21.2	106		32	144
		Decachlorobiphenyl	1	20	22.4	112		32	175
		Tetrachloro-m-xylene	2	20	24.0	120		32	144
		Decachlorobiphenyl	2	20	19.6	98		32	175
Q1624-01MS	OK-01-03212025MS	Tetrachloro-m-xylene	1	20	22.6	113		32	144
		Decachlorobiphenyl	1	20	20.7	104		32	175
		Tetrachloro-m-xylene	2	20	23.8	119		32	144
		Decachlorobiphenyl	2	20	14.9	75		32	175
Q1624-01MSD	OK-01-03212025MSD	Tetrachloro-m-xylene	1	20	21.6	108		32	144
		Decachlorobiphenyl	1	20	19.6	98		32	175
		Tetrachloro-m-xylene	2	20	24.3	122		32	144
		Decachlorobiphenyl	2	20	17.3	86		32	175
Q1626-01	CO-32-1	Tetrachloro-m-xylene	1	20	17.0	85		32	144
		Decachlorobiphenyl	1	20	21.4	107		32	175
		Tetrachloro-m-xylene	2	20	19.6	98		32	144
		Decachlorobiphenyl	2	20	17.3	86		32	175
I.BLK-PP070839.D	PIBLK-PP070839.D	Tetrachloro-m-xylene	1	20	19.8	99		60	140
		Decachlorobiphenyl	1	20	21.3	106		60	140
		Tetrachloro-m-xylene	2	20	22.9	115		60	140
		Decachlorobiphenyl	2	20	18.1	90		60	140
I.BLK-PP070845.D	PIBLK-PP070845.D	Tetrachloro-m-xylene	1	20	19.8	99		60	140
		Decachlorobiphenyl	1	20	21.3	106		60	140
		Tetrachloro-m-xylene	2	20	24.3	122		60	140
		Decachlorobiphenyl	2	20	18.3	91		60	140
Q1626-01DL	CO-32-1DL	Tetrachloro-m-xylene	1	20	18.1	90		32	144
		Decachlorobiphenyl	1	20	22.0	110		32	175
		Tetrachloro-m-xylene	2	20	21.1	106		32	144
		Decachlorobiphenyl	2	20	17.9	90		32	175
I.BLK-PP070858.D	PIBLK-PP070858.D	Tetrachloro-m-xylene	1	20	17.2	86		60	140

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Surrogate Summary

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP070858.D	PIBLK-PP070858.D	Decachlorobiphenyl	1	20	18.7	94		60	140
		Tetrachloro-m-xylene	2	20	18.8	94		60	140
		Decachlorobiphenyl	2	20	16.3	82		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8082A **DataFile :** PP070832.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**OK-01-03212025MS**											
Q1624-01MS	AR1016	191.8	0	203	ug/kg	106				55	146	
	AR1260	191.8	0	200	ug/kg	104				31	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8082A **DataFile :** PP070833.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**OK-01-03212025MSD**											
Q1624-01MSD	AR1016	191.6	0	199	ug/kg	104		2		55	146	20
	AR1260	191.6	0	193	ug/kg	101		3		31	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8082A **Datafile :** PP070830.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167271BS	AR1016	166.6	170	ug/kg	102				71	120	
	AR1260	166.6	166	ug/kg	100				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167271BL

Lab Name: CHEMTECH Contract: WALS01

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

Lab Sample ID: PB167271BL Lab File ID: PP070829.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 03/24/2025

Date Analyzed (1): 03/24/2025 Date Analyzed (2): 03/24/2025

Time Analyzed (1): 13:49 Time Analyzed (2): 13:49

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB167271BS	PB167271BS	PP070830.D	03/24/2025	03/24/2025
OK-01-03212025MS	Q1624-01MS	PP070832.D	03/24/2025	03/24/2025
OK-01-03212025MSD	Q1624-01MSD	PP070833.D	03/24/2025	03/24/2025
CO-32-1	Q1626-01	PP070834.D	03/24/2025	03/24/2025

COMMENTS:

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_P **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 15:13 23:38

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP070419.D RT 750 = PP070420.D

RT 500 = PP070421.D RT 250 = PP070422.D RT 050 = PP070423.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1016-2	(2)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1016-3	(3)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Aroclor-1016-4	(4)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1016-5	(5)	6.15	6.15	6.15	6.15	6.15	6.15	6.05	6.25
Aroclor-1260-1	(1)	7.27	7.27	7.27	7.27	7.27	7.27	7.17	7.37
Aroclor-1260-2	(2)	7.53	7.52	7.53	7.53	7.53	7.53	7.43	7.63
Aroclor-1260-3	(3)	7.89	7.88	7.88	7.89	7.89	7.88	7.78	7.98
Aroclor-1260-4	(4)	8.11	8.11	8.11	8.11	8.11	8.11	8.01	8.21
Aroclor-1260-5	(5)	8.43	8.43	8.43	8.43	8.43	8.43	8.33	8.53
Decachlorobiphenyl		10.25	10.25	10.25	10.26	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.52	4.52	4.53	4.53	4.53	4.43	4.63
Aroclor-1232-1	(1)	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Aroclor-1232-2	(2)	5.41	5.41	5.41	5.41	5.41	5.41	5.31	5.51
Aroclor-1232-3	(3)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1232-4	(4)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1232-5	(5)	5.95	5.95	5.95	5.95	5.94	5.95	5.85	6.05
Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.26	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.53	4.53	4.53	4.53	4.53	4.43	4.63
Aroclor-1242-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1242-2	(2)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1242-3	(3)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Aroclor-1242-4	(4)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1242-5	(5)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.53	4.53	4.52	4.53	4.53	4.43	4.63
Aroclor-1248-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1248-2	(2)	5.95	5.95	5.95	5.95	5.95	5.95	5.85	6.05
Aroclor-1248-3	(3)	6.15	6.15	6.15	6.15	6.15	6.15	6.05	6.25
Aroclor-1248-4	(4)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1248-5	(5)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.52	4.52	4.52	4.52	4.52	4.42	4.62
Aroclor-1254-1	(1)	6.53	6.53	6.53	6.52	6.53	6.53	6.43	6.63
Aroclor-1254-2	(2)	6.74	6.74	6.75	6.74	6.74	6.74	6.64	6.84
Aroclor-1254-3	(3)	7.11	7.11	7.11	7.10	7.11	7.11	7.01	7.21
Aroclor-1254-4	(4)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Aroclor-1254-5	(5)	7.81	7.81	7.81	7.80	7.81	7.81	7.71	7.91

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.52	4.53	4.52	4.53	4.53	4.43	4.63
Aroclor-1268-1	(1)	8.75	8.74	8.74	8.74	8.75	8.74	8.64	8.84
Aroclor-1268-2	(2)	8.84	8.84	8.83	8.83	8.84	8.84	8.74	8.94
Aroclor-1268-3	(3)	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
Aroclor-1268-4	(4)	9.49	9.49	9.49	9.49	9.49	9.49	9.39	9.59
Aroclor-1268-5	(5)	9.91	9.91	9.90	9.91	9.91	9.91	9.81	10.01
Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.53	4.52	4.52	4.53	4.53	4.43	4.63

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_P **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 15:13 23:38

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP070419.D RT 750 = PP070420.D

RT 500 = PP070421.D RT 250 = PP070422.D RT 050 = PP070423.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-3	(3)	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
Aroclor-1016-4	(4)	5.15	5.15	5.15	5.15	5.15	5.15	5.05	5.25
Aroclor-1016-5	(5)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Aroclor-1260-1	(1)	6.41	6.41	6.41	6.41	6.41	6.41	6.31	6.51
Aroclor-1260-2	(2)	6.59	6.59	6.60	6.59	6.59	6.59	6.49	6.69
Aroclor-1260-3	(3)	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Aroclor-1260-4	(4)	7.22	7.22	7.22	7.22	7.22	7.22	7.12	7.32
Aroclor-1260-5	(5)	7.46	7.46	7.46	7.46	7.46	7.46	7.36	7.56
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1232-1	(1)	4.20	4.20	4.20	4.20	4.20	4.20	4.10	4.30
Aroclor-1232-2	(2)	4.94	4.94	4.94	4.94	4.93	4.94	4.84	5.04
Aroclor-1232-3	(3)	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
Aroclor-1232-4	(4)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1232-5	(5)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1242-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-2	(2)	4.94	4.94	4.94	4.94	4.93	4.94	4.84	5.04
Aroclor-1242-3	(3)	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
Aroclor-1242-4	(4)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1242-5	(5)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1248-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1248-2	(2)	5.15	5.15	5.15	5.15	5.15	5.15	5.05	5.25
Aroclor-1248-3	(3)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1248-4	(4)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Aroclor-1248-5	(5)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1254-1	(1)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Aroclor-1254-2	(2)	5.87	5.87	5.87	5.87	5.87	5.87	5.77	5.97
Aroclor-1254-3	(3)	6.28	6.28	6.27	6.27	6.28	6.28	6.18	6.38
Aroclor-1254-4	(4)	6.50	6.50	6.50	6.50	6.50	6.50	6.40	6.60
Aroclor-1254-5	(5)	6.92	6.92	6.92	6.92	6.92	6.92	6.82	7.02

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1268-1	(1)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-2	(2)	7.81	7.81	7.81	7.81	7.81	7.81	7.71	7.91
Aroclor-1268-3	(3)	8.02	8.02	8.02	8.01	8.01	8.02	7.92	8.12
Aroclor-1268-4	(4)	8.31	8.31	8.31	8.31	8.31	8.31	8.21	8.41
Aroclor-1268-5	(5)	8.61	8.61	8.61	8.61	8.61	8.61	8.51	8.71
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_P **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 15:13 23:38

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: **CF 1000 =** PP070419.D **CF 750 =** PP070420.D

CF 500 = PP070421.D **CF 250 =** PP070422.D **CF 050 =** PP070423.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	46284919	48624555	51195480	56320148	56830900	51851200	9
Aroclor-1016-2	(2)	68727144	72260815	75092688	79473188	62170340	71544835	9
Aroclor-1016-3	(3)	41881157	43836071	46346194	49629608	45996640	45537934	6
Aroclor-1016-4	(4)	34693414	37117197	39579046	42287028	41512180	39037773	8
Aroclor-1016-5	(5)	32535779	33720589	35503344	36571056	34779300	34622014	5
Aroclor-1260-1	(1)	55067637	58265401	60660348	63250936	56446720	58738208	6
Aroclor-1260-2	(2)	75483004	79277409	82983970	87347188	85123440	82043002	6
Aroclor-1260-3	(3)	62678610	64989695	68010270	70682128	62427680	65757677	5
Aroclor-1260-4	(4)	60990738	64683661	66152948	69503548	65382940	65342767	5
Aroclor-1260-5	(5)	130557968	135103443	140419232	146528904	130778620	136677633	5
Decachlorobiphenyl		1005446690	1044219213	1084386360	1134008440	1043654800	1062343101	5
Tetrachloro-m-xylene		1462968010	1529300040	1575427920	1661278640	1547936200	1555382162	5
Aroclor-1232-1	(1)	31812517	33409335	34815870	38072588	39676960	35557454	9
Aroclor-1232-2	(2)	16331114	17367928	17709532	17293972	15638140	16868137	5
Aroclor-1232-3	(3)	33685372	35206453	37651060	39178940	37126640	36569693	6
Aroclor-1232-4	(4)	17112653	18207945	18881288	20579940	20189680	18994301	8
Aroclor-1232-5	(5)	12358074	13019340	13596998	11696560	14140280	12962250	7
Decachlorobiphenyl		1007346640	1061633867	1110112680	1150608440	1055455400	1077031405	5
Tetrachloro-m-xylene		1503870440	1587673493	1628432540	1684437880	1564380200	1593758911	4
Aroclor-1242-1	(1)	39253435	41704367	43482132	47856472	49946320	44448545	10
Aroclor-1242-2	(2)	58252556	60113944	62228844	66050560	60258320	61380845	5
Aroclor-1242-3	(3)	35362447	36380501	38652894	41645404	33464760	37101201	9
Aroclor-1242-4	(4)	29479509	30833784	32552722	35082164	32717220	32133080	7
Aroclor-1242-5	(5)	29991669	31404576	32011208	32699504	29130640	31047519	5
Decachlorobiphenyl		1017143570	1063398627	1098678020	1146617040	1019213600	1069010171	5
Tetrachloro-m-xylene		1483500490	1538532373	1587702840	1655080400	1578490200	1568661261	4
Aroclor-1248-1	(1)	30241509	31836707	34371560	37879708	36450300	34155957	9
Aroclor-1248-2	(2)	39839483	41732589	44072986	47187728	39403540	42447265	8
Aroclor-1248-3	(3)	43671743	45535401	47272778	48829472	45433820	46148643	4
Aroclor-1248-4	(4)	52673121	54800967	57547552	61348180	63586480	57991260	8
Aroclor-1248-5	(5)	49495855	52225937	54279376	57435820	54999800	53687358	6
Decachlorobiphenyl		1018745530	1065079280	1110066380	1164168240	1044426200	1080497126	5
Tetrachloro-m-xylene		1464367110	1509550200	1593080400	1654989520	1637278400	1571853126	5
Aroclor-1254-1	(1)	52191144	54776691	58408862	62528540	58393680	57259783	7

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1254-2	(2)	76163232	79292283	83746208	89006644	77052340	81052141	7
Aroclor-1254-3	(3)	78867294	81324341	86343146	90140028	84184220	84171806	5
Aroclor-1254-4	(4)	65665428	68036704	71633390	75767876	69582520	70137184	5
Aroclor-1254-5	(5)	65604720	67856063	71049052	74607116	70169360	69857262	5
Decachlorobiphenyl		1051774640	1084735960	1131757040	1190025520	1071423800	1105943392	5
Tetrachloro-m-xylene		1491401080	1547951320	1596952960	1679816880	1638007800	1590826008	5
Aroclor-1268-1	(1)	188529701	191493623	201496426	211079324	198399040	198199623	4
Aroclor-1268-2	(2)	162712211	165423828	173208520	180425992	166812140	169716538	4
Aroclor-1268-3	(3)	139964894	142620983	149835492	155687892	143563980	146334648	4
Aroclor-1268-4	(4)	62601215	63262983	66177076	67604984	59759620	63881176	5
Aroclor-1268-5	(5)	401160937	407647449	423231624	443337256	421401480	419355749	4
Decachlorobiphenyl		1797305300	1841882720	1928545440	2018232880	1865263000	1890245868	5
Tetrachloro-m-xylene		1559644910	1556664040	1644040220	1708675120	1710882200	1635981298	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_P **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 15:13 23:38

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: **CF 1000 =** PP070419.D **CF 750 =** PP070420.D

CF 500 = PP070421.D **CF 250 =** PP070422.D **CF 050 =** PP070423.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	31619052	35012463	36116294	39457560	37557300	35952534	8
Aroclor-1016-2	(2)	44662617	48866077	51001758	55603496	59699380	51966666	11
Aroclor-1016-3	(3)	24906943	27191785	28703256	30683884	30781120	28453398	9
Aroclor-1016-4	(4)	19770953	21670935	22902960	24389748	23214920	22389903	8
Aroclor-1016-5	(5)	25646269	27397575	29268330	32409960	33872260	29718879	11
Aroclor-1260-1	(1)	45267436	47641613	50061678	53643092	52308080	49784380	7
Aroclor-1260-2	(2)	60652513	64073769	66616364	70066968	69027800	66087483	6
Aroclor-1260-3	(3)	52248928	55432315	57823148	61011000	59471320	57197342	6
Aroclor-1260-4	(4)	47067710	49841909	53961982	55559372	49386640	51163523	7
Aroclor-1260-5	(5)	123950775	130046140	135804906	136761852	117362580	128785251	6
Decachlorobiphenyl		935400030	944501173	996009380	1027099200	988797000	978361357	4
Tetrachloro-m-xylene		901898260	976425347	1019517980	1052535320	1061027800	1002280941	7
Aroclor-1232-1	(1)	23977464	25043855	25876362	28218616	28432280	26309715	7
Aroclor-1232-2	(2)	23409194	24148587	25178540	27689696	28634420	25812087	9
Aroclor-1232-3	(3)	12864968	13117912	13753150	14320588	15988100	14008944	9
Aroclor-1232-4	(4)	10909254	11094221	11677434	12331552	12548800	11712252	6
Aroclor-1232-5	(5)	12122932	12663212	13051746	13538632	13963480	13068000	6
Decachlorobiphenyl		923591970	934486067	965069440	1131453800	1083832600	1007686775	9
Tetrachloro-m-xylene		981294310	1023698747	1027014040	1102661240	1188146200	1064562907	8
Aroclor-1242-1	(1)	28374294	28991207	30174104	32528448	32989020	30611415	7
Aroclor-1242-2	(2)	40120133	40663773	41940388	45612680	49650880	43597571	9
Aroclor-1242-3	(3)	22172127	22503904	23797688	25561184	25126720	23832325	6
Aroclor-1242-4	(4)	20777408	21261321	22368954	23941300	21863540	22042505	6
Aroclor-1242-5	(5)	26011255	26949576	28142034	29660872	28841860	27921119	5
Decachlorobiphenyl		890780220	996610280	1018649180	1070124720	1151487200	1025530320	9
Tetrachloro-m-xylene		949681240	969479187	1000171980	1041407720	1043402000	1000828425	4
Aroclor-1248-1	(1)	21916865	22139940	24138102	25281632	23901120	23475532	6
Aroclor-1248-2	(2)	28154371	29147072	31604814	33306732	34304240	31303446	8
Aroclor-1248-3	(3)	29522180	30421332	32954472	34362676	31347200	31721572	6
Aroclor-1248-4	(4)	34974296	35760019	38441344	40862964	44827240	38973173	10
Aroclor-1248-5	(5)	34216861	35543065	38522800	40509348	41641320	38086679	8
Decachlorobiphenyl		933290630	982033680	1000188180	1068098600	1015594400	999841098	5
Tetrachloro-m-xylene		948607640	978544213	1031768560	1070844800	1068084800	1019570003	5
Aroclor-1254-1	(1)	49741488	53083060	56518628	60344088	61926700	56322793	9

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1254-2	(2)	43195538	45981229	48525194	52438220	54392240	48906484	9
Aroclor-1254-3	(3)	69004581	72181184	75732026	81417896	78754240	75417985	7
Aroclor-1254-4	(4)	48529875	50966111	53417608	57048936	53797000	52751906	6
Aroclor-1254-5	(5)	63254548	65263447	68912458	73214624	74627960	69054607	7
Decachlorobiphenyl		966187920	982212947	1086993960	1153126680	1151501200	1068004541	8
Tetrachloro-m-xylene		967205180	984098413	1019987640	1086171680	989309800	1009354543	5
Aroclor-1268-1	(1)	168373725	166057156	179047242	187011272	174871700	175072219	5
Aroclor-1268-2	(2)	142006892	140092196	149842434	153490708	144862740	146058994	4
Aroclor-1268-3	(3)	125351560	120465205	129564250	133099628	133160800	128328289	4
Aroclor-1268-4	(4)	54287293	53233979	56809814	58479952	52090820	54980372	5
Aroclor-1268-5	(5)	364151928	362236821	378313444	380892964	354578080	368034647	3
Decachlorobiphenyl		1632116030	1658280453	1742317540	1836812000	1806314000	1735168005	5
Tetrachloro-m-xylene		1019432100	1034489600	1102868440	1184868600	1114308600	1091193468	6

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WALS01

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

Instrument ID: ECD_P **Date(s) Analyzed:** 03/11/2025 03/11/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.73	4.63	4.83	19940100
		2	4.81	4.71	4.91	14608700
		3	4.89	4.79	4.99	44364600
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	8.11	8.01	8.21	81718600
		2	8.43	8.33	8.53	164714000
		3	8.75	8.65	8.85	112164000
		4	8.83	8.73	8.93	83803800
		5	9.49	9.39	9.59	58896200

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WALS01

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

Instrument ID: ECD_P **Date(s) Analyzed:** 03/11/2025 03/11/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.04	3.94	4.14	14882500
		2	4.13	4.03	4.23	11429100
		3	4.20	4.10	4.30	33421800
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	6.96	6.86	7.06	83664000
		2	7.22	7.12	7.32	68729800
		3	7.74	7.64	7.84	65986200
		4	7.81	7.71	7.91	104435000
		5	8.31	8.21	8.41	51550000

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/24/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 09:06 **Initial Calibration Time(s):** 15:13 23:38

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.67	5.68	5.58	5.78	0.01
Aroclor-1016-2	(2)	5.69	5.70	5.60	5.80	0.01
Aroclor-1016-3	(3)	5.76	5.76	5.66	5.86	0.00
Aroclor-1016-4	(4)	5.85	5.86	5.76	5.96	0.01
Aroclor-1016-5	(5)	6.15	6.15	6.05	6.25	0.00
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.52	7.53	7.43	7.63	0.01
Aroclor-1260-3	(3)	7.88	7.88	7.78	7.98	0.00
Aroclor-1260-4	(4)	8.10	8.11	8.01	8.21	0.01
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.24	10.25	10.15	10.35	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/24/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 09:06 **Initial Calibration Time(s):** 15:13 23:38

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.10	5.11	5.01	5.21	0.01
Aroclor-1016-4	(4)	5.14	5.15	5.05	5.25	0.01
Aroclor-1016-5	(5)	5.36	5.37	5.27	5.47	0.01
Aroclor-1260-1	(1)	6.40	6.41	6.31	6.51	0.02
Aroclor-1260-2	(2)	6.58	6.60	6.50	6.70	0.02
Aroclor-1260-3	(3)	6.74	6.75	6.65	6.85	0.01
Aroclor-1260-4	(4)	7.21	7.22	7.12	7.32	0.01
Aroclor-1260-5	(5)	7.45	7.46	7.36	7.56	0.01
Tetrachloro-m-xylene		3.82	3.83	3.73	3.93	0.01
Decachlorobiphenyl		8.86	8.88	8.78	8.98	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070824.D **Time Analyzed:** 09:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.671	5.577	5.777	438.360	500.000	-12.3
Aroclor-1016-2	5.693	5.599	5.799	487.160	500.000	-2.6
Aroclor-1016-3	5.755	5.661	5.861	445.280	500.000	-10.9
Aroclor-1016-4	5.853	5.758	5.958	430.470	500.000	-13.9
Aroclor-1016-5	6.146	6.051	6.251	449.870	500.000	-10.0
Aroclor-1260-1	7.263	7.171	7.371	509.800	500.000	2.0
Aroclor-1260-2	7.517	7.425	7.625	541.690	500.000	8.3
Aroclor-1260-3	7.875	7.783	7.983	537.580	500.000	7.5
Aroclor-1260-4	8.100	8.008	8.208	581.670	500.000	16.3
Aroclor-1260-5	8.421	8.328	8.528	508.500	500.000	1.7
Decachlorobiphenyl	10.239	10.152	10.352	48.460	50.000	-3.1
Tetrachloro-m-xylene	4.519	4.424	4.624	48.130	50.000	-3.7

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070824.D **Time Analyzed:** 09:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.906	4.817	5.017	512.260	500.000	2.5
Aroclor-1016-2	4.926	4.836	5.036	494.660	500.000	-1.1
Aroclor-1016-3	5.103	5.013	5.213	496.150	500.000	-0.8
Aroclor-1016-4	5.144	5.054	5.254	505.180	500.000	1.0
Aroclor-1016-5	5.359	5.270	5.470	508.200	500.000	1.6
Aroclor-1260-1	6.395	6.307	6.507	475.200	500.000	-5.0
Aroclor-1260-2	6.583	6.495	6.695	462.260	500.000	-7.5
Aroclor-1260-3	6.737	6.649	6.849	452.510	500.000	-9.5
Aroclor-1260-4	7.208	7.121	7.321	438.910	500.000	-12.2
Aroclor-1260-5	7.450	7.362	7.562	432.640	500.000	-13.5
Decachlorobiphenyl	8.864	8.781	8.981	40.150	50.000	-19.7
Tetrachloro-m-xylene	3.821	3.729	3.929	49.440	50.000	-1.1

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/24/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 16:42 **Initial Calibration Time(s):** 15:13 23:38

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.67	5.68	5.58	5.78	0.01
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.76	5.66	5.86	0.00
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.15	6.05	6.25	0.00
Aroclor-1260-1	(1)	7.27	7.27	7.17	7.37	0.00
Aroclor-1260-2	(2)	7.52	7.53	7.43	7.63	0.01
Aroclor-1260-3	(3)	7.88	7.88	7.78	7.98	0.00
Aroclor-1260-4	(4)	8.10	8.11	8.01	8.21	0.01
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.24	10.25	10.15	10.35	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/24/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 16:42 **Initial Calibration Time(s):** 15:13 23:38

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-4	(4)	5.15	5.15	5.05	5.25	0.00
Aroclor-1016-5	(5)	5.36	5.37	5.27	5.47	0.01
Aroclor-1260-1	(1)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-2	(2)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.74	6.75	6.65	6.85	0.01
Aroclor-1260-4	(4)	7.21	7.22	7.12	7.32	0.01
Aroclor-1260-5	(5)	7.45	7.46	7.36	7.56	0.01
Tetrachloro-m-xylene		3.82	3.83	3.73	3.93	0.01
Decachlorobiphenyl		8.87	8.88	8.78	8.98	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070835.D **Time Analyzed:** 16:42

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.674	5.577	5.777	467.990	500.000	-6.4
Aroclor-1016-2	5.695	5.599	5.799	502.150	500.000	0.4
Aroclor-1016-3	5.758	5.661	5.861	470.440	500.000	-5.9
Aroclor-1016-4	5.855	5.758	5.958	460.220	500.000	-8.0
Aroclor-1016-5	6.148	6.051	6.251	479.940	500.000	-4.0
Aroclor-1260-1	7.266	7.171	7.371	557.240	500.000	11.4
Aroclor-1260-2	7.519	7.425	7.625	571.940	500.000	14.4
Aroclor-1260-3	7.877	7.783	7.983	575.750	500.000	15.2
Aroclor-1260-4	8.102	8.008	8.208	529.750	500.000	6.0
Aroclor-1260-5	8.423	8.328	8.528	526.440	500.000	5.3
Decachlorobiphenyl	10.241	10.152	10.352	50.130	50.000	0.3
Tetrachloro-m-xylene	4.521	4.424	4.624	48.950	50.000	-2.1

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070835.D **Time Analyzed:** 16:42

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.909	4.817	5.017	528.990	500.000	5.8
Aroclor-1016-2	4.928	4.836	5.036	511.530	500.000	2.3
Aroclor-1016-3	5.105	5.013	5.213	524.760	500.000	5.0
Aroclor-1016-4	5.146	5.054	5.254	535.160	500.000	7.0
Aroclor-1016-5	5.362	5.270	5.470	521.860	500.000	4.4
Aroclor-1260-1	6.398	6.307	6.507	496.050	500.000	-0.8
Aroclor-1260-2	6.586	6.495	6.695	478.800	500.000	-4.2
Aroclor-1260-3	6.739	6.649	6.849	481.170	500.000	-3.8
Aroclor-1260-4	7.211	7.121	7.321	459.930	500.000	-8.0
Aroclor-1260-5	7.453	7.362	7.562	458.220	500.000	-8.4
Decachlorobiphenyl	8.867	8.781	8.981	42.590	50.000	-14.8
Tetrachloro-m-xylene	3.822	3.729	3.929	51.950	50.000	3.9

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/25/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 08:27 **Initial Calibration Time(s):** 15:13 23:38

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.67	5.68	5.58	5.78	0.01
Aroclor-1016-2	(2)	5.69	5.70	5.60	5.80	0.01
Aroclor-1016-3	(3)	5.75	5.76	5.66	5.86	0.01
Aroclor-1016-4	(4)	5.85	5.86	5.76	5.96	0.01
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.53	7.43	7.63	0.02
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.10	8.11	8.01	8.21	0.01
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.24	10.25	10.15	10.35	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/25/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 08:27 **Initial Calibration Time(s):** 15:13 23:38

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.10	5.11	5.01	5.21	0.01
Aroclor-1016-4	(4)	5.15	5.15	5.05	5.25	0.00
Aroclor-1016-5	(5)	5.36	5.37	5.27	5.47	0.01
Aroclor-1260-1	(1)	6.40	6.41	6.31	6.51	0.02
Aroclor-1260-2	(2)	6.58	6.60	6.50	6.70	0.02
Aroclor-1260-3	(3)	6.74	6.75	6.65	6.85	0.01
Aroclor-1260-4	(4)	7.21	7.22	7.12	7.32	0.01
Aroclor-1260-5	(5)	7.45	7.46	7.36	7.56	0.01
Tetrachloro-m-xylene		3.82	3.83	3.73	3.93	0.01
Decachlorobiphenyl		8.87	8.88	8.78	8.98	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL03 **Date Analyzed:** 03/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070841.D **Time Analyzed:** 08:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.668	5.577	5.777	467.810	500.000	-6.4
Aroclor-1016-2	5.690	5.599	5.799	526.410	500.000	5.3
Aroclor-1016-3	5.752	5.661	5.861	494.770	500.000	-1.0
Aroclor-1016-4	5.850	5.758	5.958	479.520	500.000	-4.1
Aroclor-1016-5	6.142	6.051	6.251	495.330	500.000	-0.9
Aroclor-1260-1	7.261	7.171	7.371	554.060	500.000	10.8
Aroclor-1260-2	7.513	7.425	7.625	579.910	500.000	16.0
Aroclor-1260-3	7.872	7.783	7.983	561.500	500.000	12.3
Aroclor-1260-4	8.097	8.008	8.208	551.000	500.000	10.2
Aroclor-1260-5	8.418	8.328	8.528	573.180	500.000	14.6
Decachlorobiphenyl	10.237	10.152	10.352	51.300	50.000	2.6
Tetrachloro-m-xylene	4.516	4.424	4.624	50.710	50.000	1.4

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL03 **Date Analyzed:** 03/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070841.D **Time Analyzed:** 08:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.907	4.817	5.017	523.020	500.000	4.6
Aroclor-1016-2	4.926	4.836	5.036	532.400	500.000	6.5
Aroclor-1016-3	5.103	5.013	5.213	541.040	500.000	8.2
Aroclor-1016-4	5.146	5.054	5.254	476.330	500.000	-4.7
Aroclor-1016-5	5.359	5.270	5.470	562.570	500.000	12.5
Aroclor-1260-1	6.395	6.307	6.507	522.520	500.000	4.5
Aroclor-1260-2	6.583	6.495	6.695	506.540	500.000	1.3
Aroclor-1260-3	6.737	6.649	6.849	492.950	500.000	-1.4
Aroclor-1260-4	7.209	7.121	7.321	466.890	500.000	-6.6
Aroclor-1260-5	7.450	7.362	7.562	457.580	500.000	-8.5
Decachlorobiphenyl	8.865	8.781	8.981	42.300	50.000	-15.4
Tetrachloro-m-xylene	3.821	3.729	3.929	54.550	50.000	9.1

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/25/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 14:22 **Initial Calibration Time(s):** 15:13 23:38

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.67	5.68	5.58	5.78	0.01
Aroclor-1016-2	(2)	5.69	5.70	5.60	5.80	0.01
Aroclor-1016-3	(3)	5.76	5.76	5.66	5.86	0.00
Aroclor-1016-4	(4)	5.85	5.86	5.76	5.96	0.01
Aroclor-1016-5	(5)	6.15	6.15	6.05	6.25	0.00
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.52	7.53	7.43	7.63	0.01
Aroclor-1260-3	(3)	7.88	7.88	7.78	7.98	0.00
Aroclor-1260-4	(4)	8.10	8.11	8.01	8.21	0.01
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.24	10.25	10.15	10.35	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/25/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 14:22 **Initial Calibration Time(s):** 15:13 23:38

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.10	5.11	5.01	5.21	0.01
Aroclor-1016-4	(4)	5.15	5.15	5.05	5.25	0.01
Aroclor-1016-5	(5)	5.36	5.37	5.27	5.47	0.01
Aroclor-1260-1	(1)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-2	(2)	6.58	6.60	6.50	6.70	0.02
Aroclor-1260-3	(3)	6.74	6.75	6.65	6.85	0.01
Aroclor-1260-4	(4)	7.21	7.22	7.12	7.32	0.01
Aroclor-1260-5	(5)	7.45	7.46	7.36	7.56	0.01
Tetrachloro-m-xylene		3.82	3.83	3.73	3.93	0.01
Decachlorobiphenyl		8.87	8.88	8.78	8.98	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL04 **Date Analyzed:** 03/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070854.D **Time Analyzed:** 14:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.672	5.577	5.777	451.340	500.000	-9.7
Aroclor-1016-2	5.694	5.599	5.799	482.170	500.000	-3.6
Aroclor-1016-3	5.756	5.661	5.861	448.330	500.000	-10.3
Aroclor-1016-4	5.853	5.758	5.958	443.420	500.000	-11.3
Aroclor-1016-5	6.146	6.051	6.251	459.890	500.000	-8.0
Aroclor-1260-1	7.263	7.171	7.371	515.030	500.000	3.0
Aroclor-1260-2	7.517	7.425	7.625	549.020	500.000	9.8
Aroclor-1260-3	7.876	7.783	7.983	537.720	500.000	7.5
Aroclor-1260-4	8.100	8.008	8.208	499.760	500.000	0.0
Aroclor-1260-5	8.421	8.328	8.528	529.700	500.000	5.9
Decachlorobiphenyl	10.239	10.152	10.352	49.010	50.000	-2.0
Tetrachloro-m-xylene	4.520	4.424	4.624	48.600	50.000	-2.8

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL04 **Date Analyzed:** 03/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070854.D **Time Analyzed:** 14:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.907	4.817	5.017	511.020	500.000	2.2
Aroclor-1016-2	4.926	4.836	5.036	497.590	500.000	-0.5
Aroclor-1016-3	5.103	5.013	5.213	511.060	500.000	2.2
Aroclor-1016-4	5.145	5.054	5.254	523.950	500.000	4.8
Aroclor-1016-5	5.359	5.270	5.470	522.730	500.000	4.5
Aroclor-1260-1	6.396	6.307	6.507	491.070	500.000	-1.8
Aroclor-1260-2	6.584	6.495	6.695	470.690	500.000	-5.9
Aroclor-1260-3	6.738	6.649	6.849	470.120	500.000	-6.0
Aroclor-1260-4	7.209	7.121	7.321	440.870	500.000	-11.8
Aroclor-1260-5	7.450	7.362	7.562	424.990	500.000	-15.0
Decachlorobiphenyl	8.865	8.781	8.981	42.120	50.000	-15.8
Tetrachloro-m-xylene	3.821	3.729	3.929	51.150	50.000	2.3

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Analytical Sequence

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

Project: Walsh CO-032 Sampling **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/11/2025 03/11/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	03/11/2025	14:57	PP070418.D	10.25	4.53
AR1660ICC1000	AR1660ICC1000	03/11/2025	15:13	PP070419.D	10.25	4.53
AR1660ICC750	AR1660ICC750	03/11/2025	15:29	PP070420.D	10.25	4.52
AR1660ICC500	AR1660ICC500	03/11/2025	15:46	PP070421.D	10.25	4.52
AR1660ICC250	AR1660ICC250	03/11/2025	16:02	PP070422.D	10.26	4.53
AR1660ICC050	AR1660ICC050	03/11/2025	16:18	PP070423.D	10.25	4.53
AR1221ICC500	AR1221ICC500	03/11/2025	16:34	PP070424.D	10.25	4.53
AR1232ICC1000	AR1232ICC1000	03/11/2025	16:51	PP070425.D	10.25	4.53
AR1232ICC750	AR1232ICC750	03/11/2025	17:07	PP070426.D	10.25	4.53
AR1232ICC500	AR1232ICC500	03/11/2025	17:23	PP070427.D	10.25	4.53
AR1232ICC250	AR1232ICC250	03/11/2025	17:40	PP070428.D	10.25	4.53
AR1232ICC050	AR1232ICC050	03/11/2025	17:56	PP070429.D	10.26	4.53
AR1242ICC1000	AR1242ICC1000	03/11/2025	18:12	PP070430.D	10.25	4.53
AR1242ICC750	AR1242ICC750	03/11/2025	18:28	PP070431.D	10.25	4.53
AR1242ICC500	AR1242ICC500	03/11/2025	18:45	PP070432.D	10.25	4.53
AR1242ICC250	AR1242ICC250	03/11/2025	19:01	PP070433.D	10.25	4.52
AR1242ICC050	AR1242ICC050	03/11/2025	19:17	PP070434.D	10.25	4.53
AR1248ICC1000	AR1248ICC1000	03/11/2025	19:34	PP070435.D	10.25	4.53
AR1248ICC750	AR1248ICC750	03/11/2025	19:50	PP070436.D	10.25	4.52
AR1248ICC500	AR1248ICC500	03/11/2025	20:06	PP070437.D	10.25	4.52
AR1248ICC250	AR1248ICC250	03/11/2025	20:22	PP070438.D	10.25	4.52
AR1248ICC050	AR1248ICC050	03/11/2025	20:39	PP070439.D	10.25	4.52
AR1254ICC1000	AR1254ICC1000	03/11/2025	20:55	PP070440.D	10.25	4.53
AR1254ICC750	AR1254ICC750	03/11/2025	21:11	PP070441.D	10.25	4.52
AR1254ICC500	AR1254ICC500	03/11/2025	21:28	PP070442.D	10.25	4.53
AR1254ICC250	AR1254ICC250	03/11/2025	21:44	PP070443.D	10.25	4.52
AR1254ICC050	AR1254ICC050	03/11/2025	22:00	PP070444.D	10.25	4.53
AR1262ICC500	AR1262ICC500	03/11/2025	22:16	PP070445.D	10.25	4.52
AR1268ICC1000	AR1268ICC1000	03/11/2025	22:33	PP070446.D	10.25	4.53
AR1268ICC750	AR1268ICC750	03/11/2025	22:49	PP070447.D	10.25	4.53
AR1268ICC500	AR1268ICC500	03/11/2025	23:05	PP070448.D	10.25	4.52
AR1268ICC250	AR1268ICC250	03/11/2025	23:22	PP070449.D	10.25	4.52
AR1268ICC050	AR1268ICC050	03/11/2025	23:38	PP070450.D	10.25	4.53
AR1660CCC500	AR1660CCC500	03/24/2025	09:06	PP070824.D	10.24	4.52
I.BLK	I.BLK	03/24/2025	10:42	PP070828.D	10.26	4.53
PB167271BL	PB167271BL	03/24/2025	13:49	PP070829.D	10.25	4.52
PB167271BS	PB167271BS	03/24/2025	14:05	PP070830.D	10.24	4.52
OK-01-03212025MS	Q1624-01MS	03/24/2025	14:37	PP070832.D	10.24	4.52
OK-01-03212025MSD	Q1624-01MSD	03/24/2025	14:54	PP070833.D	10.24	4.52
CO-32-1	Q1626-01	03/24/2025	15:10	PP070834.D	10.24	4.52
AR1660CCC500	AR1660CCC500	03/24/2025	16:42	PP070835.D	10.24	4.52
I.BLK	I.BLK	03/24/2025	18:19	PP070839.D	10.24	4.52

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Analytical Sequence

AR1660CCC500	AR1660CCC500	03/25/2025	08:27	PP070841.D	10.24	4.52
I.BLK	I.BLK	03/25/2025	09:34	PP070845.D	10.23	4.52
CO-32-1DL	Q1626-01DL	03/25/2025	09:50	PP070846.D	10.24	4.52
AR1660CCC500	AR1660CCC500	03/25/2025	14:22	PP070854.D	10.24	4.52
I.BLK	I.BLK	03/25/2025	16:00	PP070858.D	10.24	4.52

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Analytical Sequence

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

Project: Walsh CO-032 Sampling **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/11/2025 03/11/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	03/11/2025	14:57	PP070418.D	8.88	3.83
AR1660ICC1000	AR1660ICC1000	03/11/2025	15:13	PP070419.D	8.88	3.83
AR1660ICC750	AR1660ICC750	03/11/2025	15:29	PP070420.D	8.88	3.83
AR1660ICC500	AR1660ICC500	03/11/2025	15:46	PP070421.D	8.88	3.83
AR1660ICC250	AR1660ICC250	03/11/2025	16:02	PP070422.D	8.88	3.83
AR1660ICC050	AR1660ICC050	03/11/2025	16:18	PP070423.D	8.88	3.83
AR1221ICC500	AR1221ICC500	03/11/2025	16:34	PP070424.D	8.88	3.83
AR1232ICC1000	AR1232ICC1000	03/11/2025	16:51	PP070425.D	8.88	3.83
AR1232ICC750	AR1232ICC750	03/11/2025	17:07	PP070426.D	8.88	3.83
AR1232ICC500	AR1232ICC500	03/11/2025	17:23	PP070427.D	8.88	3.83
AR1232ICC250	AR1232ICC250	03/11/2025	17:40	PP070428.D	8.88	3.83
AR1232ICC050	AR1232ICC050	03/11/2025	17:56	PP070429.D	8.88	3.83
AR1242ICC1000	AR1242ICC1000	03/11/2025	18:12	PP070430.D	8.88	3.83
AR1242ICC750	AR1242ICC750	03/11/2025	18:28	PP070431.D	8.88	3.83
AR1242ICC500	AR1242ICC500	03/11/2025	18:45	PP070432.D	8.88	3.83
AR1242ICC250	AR1242ICC250	03/11/2025	19:01	PP070433.D	8.88	3.83
AR1242ICC050	AR1242ICC050	03/11/2025	19:17	PP070434.D	8.88	3.83
AR1248ICC1000	AR1248ICC1000	03/11/2025	19:34	PP070435.D	8.88	3.83
AR1248ICC750	AR1248ICC750	03/11/2025	19:50	PP070436.D	8.88	3.83
AR1248ICC500	AR1248ICC500	03/11/2025	20:06	PP070437.D	8.88	3.83
AR1248ICC250	AR1248ICC250	03/11/2025	20:22	PP070438.D	8.88	3.83
AR1248ICC050	AR1248ICC050	03/11/2025	20:39	PP070439.D	8.88	3.83
AR1254ICC1000	AR1254ICC1000	03/11/2025	20:55	PP070440.D	8.88	3.83
AR1254ICC750	AR1254ICC750	03/11/2025	21:11	PP070441.D	8.88	3.83
AR1254ICC500	AR1254ICC500	03/11/2025	21:28	PP070442.D	8.88	3.83
AR1254ICC250	AR1254ICC250	03/11/2025	21:44	PP070443.D	8.88	3.83
AR1254ICC050	AR1254ICC050	03/11/2025	22:00	PP070444.D	8.88	3.83
AR1262ICC500	AR1262ICC500	03/11/2025	22:16	PP070445.D	8.88	3.83
AR1268ICC1000	AR1268ICC1000	03/11/2025	22:33	PP070446.D	8.88	3.83
AR1268ICC750	AR1268ICC750	03/11/2025	22:49	PP070447.D	8.88	3.83
AR1268ICC500	AR1268ICC500	03/11/2025	23:05	PP070448.D	8.88	3.83
AR1268ICC250	AR1268ICC250	03/11/2025	23:22	PP070449.D	8.88	3.83
AR1268ICC050	AR1268ICC050	03/11/2025	23:38	PP070450.D	8.88	3.83
AR1660CCC500	AR1660CCC500	03/24/2025	09:06	PP070824.D	8.86	3.82
I.BLK	I.BLK	03/24/2025	10:42	PP070828.D	8.87	3.82
PB167271BL	PB167271BL	03/24/2025	13:49	PP070829.D	8.87	3.82
PB167271BS	PB167271BS	03/24/2025	14:05	PP070830.D	8.87	3.82
OK-01-03212025MS	Q1624-01MS	03/24/2025	14:37	PP070832.D	8.87	3.82
OK-01-03212025MSD	Q1624-01MSD	03/24/2025	14:54	PP070833.D	8.87	3.82
CO-32-1	Q1626-01	03/24/2025	15:10	PP070834.D	8.87	3.82
AR1660CCC500	AR1660CCC500	03/24/2025	16:42	PP070835.D	8.87	3.82
I.BLK	I.BLK	03/24/2025	18:19	PP070839.D	8.87	3.82

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Analytical Sequence

AR1660CCC500	AR1660CCC500	03/25/2025	08:27	PP070841.D	8.87	3.82
I.BLK	I.BLK	03/25/2025	09:34	PP070845.D	8.86	3.82
CO-32-1DL	Q1626-01DL	03/25/2025	09:50	PP070846.D	8.87	3.82
AR1660CCC500	AR1660CCC500	03/25/2025	14:22	PP070854.D	8.87	3.82
I.BLK	I.BLK	03/25/2025	16:00	PP070858.D	8.87	3.82

QC SAMPLE DATA

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167271BL	SDG No.:	Q1626
Lab Sample ID:	PB167271BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070829.D	1	03/24/25 08:50	03/24/25 13:49	PB167271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.1		32 - 144	115%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		32 - 175	112%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/11/25
Project:	Walsh CO-032 Sampling	Date Received:	03/11/25
Client Sample ID:	PIBLK-PP070418.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PP070418.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070418.D	1		03/11/25	pp031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.0		60 - 140	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.1		60 - 140	116%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/24/25
Project:	Walsh CO-032 Sampling	Date Received:	03/24/25
Client Sample ID:	PIBLK-PP070828.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PP070828.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070828.D	1		03/24/25	PP032425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		60 - 140	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		60 - 140	91%	SPK: 20

Comments:

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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/24/25
Project:	Walsh CO-032 Sampling	Date Received:	03/24/25
Client Sample ID:	PIBLK-PP070839.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PP070839.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070839.D	1		03/24/25	PP032425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		60 - 140	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		60 - 140	90%	SPK: 20

Comments:

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/25/25
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PIBLK-PP070845.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PP070845.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070845.D	1		03/25/25	Pp032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		60 - 140	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		60 - 140	91%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/25/25
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PIBLK-PP070858.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PP070858.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070858.D	1		03/25/25	pp032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.2		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		60 - 140	82%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167271BS	SDG No.:	Q1626
Lab Sample ID:	PB167271BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070830.D	1	03/24/25 08:50	03/24/25 14:05	PB167271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	170		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	166		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.0		32 - 144	120%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		32 - 175	112%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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() = Laboratory InHouse Limit

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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:	OK-01-03212025MS	SDG No.:	Q1626
Lab Sample ID:	Q1624-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.8 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070832.D	1	03/24/25 08:50	03/24/25 14:37	PB167271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	203		4.50	19.6	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.6	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.6	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.6	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.6	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.6	ug/kg
11096-82-5	Aroclor-1260	200		3.70	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.8		32 - 144	119%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		32 - 175	104%	SPK: 20

Comments:

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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:	OK-01-03212025MSD	SDG No.:	Q1626
Lab Sample ID:	Q1624-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070833.D	1	03/24/25 08:50	03/24/25 14:54	PB167271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	199		4.50	19.5	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.5	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.5	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.5	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.5	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.5	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.5	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.5	ug/kg
11096-82-5	Aroclor-1260	193		3.70	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.3		32 - 144	122%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		32 - 175	98%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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**			**03/21/25**			**03/21/25**
			Gasoline Range Organics	8015D			03/24/25	
			Herbicide	8151A		03/25/25	03/28/25	
			PCB	8082A		03/24/25	03/24/25	
			Pesticide-TCL	8081B		03/24/25	03/25/25	
			TPH GC	8015D		03/25/25	03/25/25	
			EPH_NF	NJEPH		03/24/25	03/24/25	
Q1626-01DL	**CO-32-1DL**	**SOIL**			**03/21/25**			**03/21/25**
			PCB	8082A		03/24/25	03/25/25	
Q1626-03	**CO-32-1**	**TCLP**			**03/21/25**			**03/21/25**
			TCLP Herbicide	8151A		03/25/25	03/26/25	
			TCLP Herbicide	8151A		03/25/25	03/28/25	
			TCLP Pesticide	8081B		03/25/25	03/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1626 **Order ID:** Q1626

Client: Walsh Construction Company II, LLC **Project ID:** Walsh CO-032 Sampling

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029593.D	1	03/25/25 08:40	03/28/25 01:15	PB167293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.20	U	8.20	70.6	ug/Kg
120-36-5	DICHLORPROP	13.5	U	13.5	70.6	ug/Kg
94-75-7	2,4-D	9.50	U	9.50	70.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.50	U	9.50	70.6	ug/Kg
93-76-5	2,4,5-T	9.20	U	9.20	70.6	ug/Kg
94-82-6	2,4-DB	25.5	U	25.5	70.6	ug/Kg
88-85-7	DINOSEB	11.4	U	11.4	70.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	106		10 - 141	21%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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Surrogate Summary

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PS029557.D	PIBLK-PS029557.D	2,4-DCAA	1	500	455	91		39	175
		2,4-DCAA	2	500	523	105		39	175
I.BLK-PS029587.D	PIBLK-PS029587.D	2,4-DCAA	1	500	518	104		39	175
		2,4-DCAA	2	500	541	108		39	175
Q1626-01	CO-32-1	2,4-DCAA	1	500	96.7	19		10	141
		2,4-DCAA	2	500	106	21		10	141
Q1626-01MS	CO-32-1MS	2,4-DCAA	1	500	102	20		10	141
		2,4-DCAA	2	500	104	21		10	141
Q1626-01MSD	CO-32-1MSD	2,4-DCAA	1	500	98.1	20		10	141
		2,4-DCAA	2	500	102	20		10	141
I.BLK-PS029599.D	PIBLK-PS029599.D	2,4-DCAA	1	500	528	106		39	175
		2,4-DCAA	2	500	545	109		39	175
PB167293BL	PB167293BL	2,4-DCAA	1	500	495	99		10	141
		2,4-DCAA	2	500	478	96		10	141
I.BLK-PS029611.D	PIBLK-PS029611.D	2,4-DCAA	1	500	529	106		39	175
		2,4-DCAA	2	500	554	111		39	175
I.BLK-PS029656.D	PIBLK-PS029656.D	2,4-DCAA	1	500	476	95		39	175
		2,4-DCAA	2	500	485	97		39	175
I.BLK-PS029672.D	PIBLK-PS029672.D	2,4-DCAA	1	500	497	99		39	175
		2,4-DCAA	2	500	483	97		39	175
PB167293BS	PB167293BS	2,4-DCAA	1	500	588	118		10	141
		2,4-DCAA	2	500	599	120		10	141
I.BLK-PS029682.D	PIBLK-PS029682.D	2,4-DCAA	1	500	522	104		39	175
		2,4-DCAA	2	500	516	103		39	175

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A **DataFile :** PS029594.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**CO-32-1MS**											
Q1626-01MS	DICAMBA	175.5	0	42.3	ug/Kg	24				10	112	
	DICHLORPROP	175.5	0	19.0	ug/Kg	11				10	113	
	2,4-D	175.5	0	53.1	ug/Kg	30				10	144	
	2,4,5-TP(Silvex)	175.5	0	14.0	ug/Kg	8	*			10	114	
	2,4,5-T	175.5	0	22.8	ug/Kg	13				10	115	
	2,4-DB	175.5	0	0	ug/Kg	0	*			10	140	
	Dinoseb	175.5	0	0	ug/Kg	0	*			10	118	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A **DataFile :** PS029595.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**CO-32-1MSD**											
Q1626-01MSD	DICAMBA	175.6	0	42.3	ug/Kg	24		0		10	112	20
	DICHLORPROP	175.6	0	18.1	ug/Kg	10		10		10	113	20
	2,4-D	175.6	0	51.5	ug/Kg	29		3		10	144	20
	2,4,5-TP(Silvex)	175.6	0	14.1	ug/Kg	8	*	0		10	114	20
	2,4,5-T	175.6	0	22.8	ug/Kg	13		0		10	115	20
	2,4-DB	175.6	0	0	ug/Kg	0	*	0		10	140	20
	Dinoseb	175.6	0	0	ug/Kg	0	*	0		10	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A **Datafile :** PS029681.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167293BS	DICAMBA	166.6	187	ug/Kg	112				72	129	
	DICHLORPROP	166.6	184	ug/Kg	110				77	135	
	2,4-D	166.6	186	ug/Kg	112				65	144	
	2,4,5-TP(Silvex)	166.6	192	ug/Kg	115				74	146	
	2,4,5-T	166.6	194	ug/Kg	116				77	134	
	2,4-DB	166.6	188	ug/Kg	113				72	122	
	Dinoseb	166.6	188	ug/Kg	113				74	132	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167293BL

Lab Name: CHEMTECH Contract: WALS01

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

Lab Sample ID: PB167293BL Lab File ID: PS029603.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 03/25/2025

Date Analyzed (1): 03/28/2025 Date Analyzed (2): 03/28/2025

Time Analyzed (1): 05:39 Time Analyzed (2): 05:39

Instrument ID (1): ECD_S Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm) GC Column (2): RTX-CLP2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
CO-32-1	Q1626-01	PS029593.D	03/28/2025	03/28/2025
CO-32-1MS	Q1626-01MS	PS029594.D	03/28/2025	03/28/2025
CO-32-1MSD	Q1626-01MSD	PS029595.D	03/28/2025	03/28/2025
PB167293BS	PB167293BS	PS029681.D	04/03/2025	04/03/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167293BL	SDG No.:	Q1626
Lab Sample ID:	PB167293BL	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029603.D	1	03/25/25 08:40	03/28/25 05:39	PB167293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	7.70	U	7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	12.8	U	12.8	67.0	ug/Kg
94-75-7	2,4-D	9.00	U	9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.10	U	9.10	67.0	ug/Kg
93-76-5	2,4,5-T	8.70	U	8.70	67.0	ug/Kg
94-82-6	2,4-DB	24.2	U	24.2	67.0	ug/Kg
88-85-7	DINOSEB	10.8	U	10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	495		10 - 141	99%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/27/25
Project:	Walsh CO-032 Sampling	Date Received:	03/27/25
Client Sample ID:	PIBLK-PS029557.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PS029557.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029557.D	1		03/27/25	PS032825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	523		39 - 175	105%	SPK: 500

Comments:

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LOD = Limit of Detection
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/27/25
Project:	Walsh CO-032 Sampling	Date Received:	03/27/25
Client Sample ID:	PIBLK-PS029587.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PS029587.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029587.D	1		03/27/25	ps032825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	541		39 - 175	108%	SPK: 500

Comments:

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Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/28/25
Project:	Walsh CO-032 Sampling	Date Received:	03/28/25
Client Sample ID:	PIBLK-PS029599.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PS029599.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029599.D	1		03/28/25	ps032825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	545		39 - 175	109%	SPK: 500

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/28/25
Project:	Walsh CO-032 Sampling	Date Received:	03/28/25
Client Sample ID:	PIBLK-PS029611.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PS029611.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029611.D	1		03/28/25	ps032825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	554		39 - 175	111%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/02/25
Project:	Walsh CO-032 Sampling	Date Received:	04/02/25
Client Sample ID:	PIBLK-PS029656.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PS029656.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029656.D	1		04/02/25	PS040225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	485		39 - 175	97%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/03/25
Project:	Walsh CO-032 Sampling	Date Received:	04/03/25
Client Sample ID:	PIBLK-PS029672.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PS029672.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029672.D	1		04/03/25	ps040325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	497		39 - 175	99%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/03/25
Project:	Walsh CO-032 Sampling	Date Received:	04/03/25
Client Sample ID:	PIBLK-PS029682.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PS029682.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029682.D	1		04/03/25	ps040325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	522		39 - 175	104%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167293BS	SDG No.:	Q1626
Lab Sample ID:	PB167293BS	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029681.D	1	03/25/25 08:40	04/03/25 16:06	PB167293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	187		7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	184		12.8	67.0	ug/Kg
94-75-7	2,4-D	186		9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	192		9.10	67.0	ug/Kg
93-76-5	2,4,5-T	194		8.70	67.0	ug/Kg
94-82-6	2,4-DB	188		24.2	67.0	ug/Kg
88-85-7	DINOSEB	188		10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	599		10 - 141	120%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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-32-1MS	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MS	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029594.D	1	03/25/25 08:40	03/28/25 01:39	PB167293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	42.3	J	8.20	70.5	ug/Kg
120-36-5	DICHLORPROP	19.0	J	13.5	70.5	ug/Kg
94-75-7	2,4-D	53.1	JP	9.50	70.5	ug/Kg
93-72-1	2,4,5-TP (Silvex)	14.0	J	9.50	70.5	ug/Kg
93-76-5	2,4,5-T	22.8	J	9.20	70.5	ug/Kg
94-82-6	2,4-DB	25.5	U	25.5	70.5	ug/Kg
88-85-7	DINOSEB	11.4	U	11.4	70.5	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	104		10 - 141	21%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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-32-1MSD	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MSD	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029595.D	1	03/25/25 08:40	03/28/25 02:03	PB167293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	42.3	J	8.20	70.6	ug/Kg
120-36-5	DICHLORPROP	18.1	J	13.5	70.6	ug/Kg
94-75-7	2,4-D	51.5	JP	9.50	70.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	14.1	J	9.50	70.6	ug/Kg
93-76-5	2,4,5-T	22.8	J	9.20	70.6	ug/Kg
94-82-6	2,4-DB	25.5	U	25.5	70.6	ug/Kg
88-85-7	DINOSEB	11.4	U	11.4	70.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	102		10 - 141	20%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_S **Calibration Date(s):** 03/27/2025 03/27/2025

Calibration Times: 10:13 11:49

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS029558.D RT 500 = PS029559.D

RT 750 = PS029560.D RT 1000 = PS029561.D RT 1500 = PS029562.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.38	9.38	9.37	9.37	9.37	9.37	9.27	9.47
2,4,5-TP(Silvex)	9.08	9.08	9.08	9.08	9.08	9.08	8.98	9.18
2,4-D	8.23	8.22	8.22	8.22	8.22	8.22	8.12	8.32
2,4-DB	9.95	9.95	9.94	9.94	9.94	9.94	9.84	10.04
2,4-DCAA	7.12	7.12	7.12	7.11	7.11	7.12	7.02	7.22
DICAMBA	7.29	7.30	7.29	7.29	7.29	7.29	7.19	7.39
DICHLORPROP	7.99	7.99	7.99	7.99	7.99	7.99	7.89	8.09
Dinoseb	11.13	11.13	11.13	11.13	11.13	11.13	11.03	11.23

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_S **Calibration Date(s):** 03/27/2025 03/27/2025

Calibration Times: 10:13 11:49

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS029558.D RT 500 = PS029559.D

RT 750 = PS029560.D RT 1000 = PS029561.D RT 1500 = PS029562.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	10.04	10.04	10.04	10.04	10.04	10.04	9.94	10.14
2,4,5-TP(Silvex)	9.63	9.63	9.63	9.63	9.63	9.63	9.53	9.73
2,4-D	8.75	8.75	8.75	8.75	8.75	8.75	8.65	8.85
2,4-DB	10.60	10.60	10.60	10.60	10.60	10.60	10.50	10.70
2,4-DCAA	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
DICAMBA	7.73	7.73	7.73	7.73	7.73	7.73	7.63	7.83
DICHLORPROP	8.43	8.43	8.43	8.43	8.43	8.43	8.33	8.53
Dinoseb	10.97	10.98	10.97	10.97	10.97	10.97	10.87	11.07

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_S **Calibration Date(s):** 03/27/2025 03/27/2025

Calibration Times: 10:13 11:49

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 200 =** PS029558.D **CF 500 =** PS029559.D

CF 750 = PS029560.D **CF 1000 =** PS029561.D **CF 1500 =** PS029562.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	20641100000	20825700000	20953500000	20759500000	19811600000	20598300000	2
2,4,5-TP(Silvex)	25670900000	23785800000	23109900000	22602700000	21306000000	23295100000	7
2,4-D	4188820000	4008980000	4020660000	4027260000	3923150000	4033770000	2
2,4-DB	1544000000	1807540000	2002780000	2063720000	2128710000	1909350000	12
2,4-DCAA	4381510000	3897780000	3741570000	3660350000	3519270000	3840100000	9
DICAMBA	17483500000	16428000000	15507600000	15270500000	14574900000	15852900000	7
DICHLORPROP	5020950000	4424820000	4277510000	4210740000	4025870000	4391980000	9
Dinoseb	19624900000	18040900000	17496700000	17166100000	16322000000	17730100000	7

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_S

Calibration Date(s): 03/27/2025 03/27/2025

Calibration Times: 10:13 11:49

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 200 =** PS029558.D **CF 500 =** PS029559.D

CF 750 = PS029560.D **CF 1000 =** PS029561.D **CF 1500 =** PS029562.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	8009830000	7969600000	8019010000	8021080000	7833790000	7970660000	1
2,4,5-TP(Silvex)	8920000000	8845090000	8871870000	8871810000	8614920000	8824740000	1
2,4-D	1444300000	1372750000	1351390000	1345360000	1316110000	1365980000	4
2,4-DB	1100570000	910059000	876416000	855909000	851823000	918955000	11
2,4-DCAA	924846000	863170000	848041000	848508000	831918000	863297000	4
DICAMBA	4689370000	4710340000	4803280000	4868710000	4832100000	4780760000	2
DICHLORPROP	1379810000	1241290000	1208260000	1213250000	1185390000	1245600000	6
Dinoseb	6052370000	5901970000	5919400000	5933710000	5832030000	5927900000	1

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_S **Calibration Date(s):** 04/02/2025 04/02/2025

Calibration Times: 17:32 20:44

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS029657.D RT 500 = PS029658.D

RT 750 = PS029659.D RT 1000 = PS029660.D RT 1500 = PS029661.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.17	9.17	9.17	9.17	9.17	9.17	9.07	9.27
2,4,5-TP(Silvex)	8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
2,4-D	8.04	8.04	8.04	8.04	8.04	8.04	7.94	8.14
2,4-DB	9.73	9.73	9.73	9.73	9.73	9.73	9.63	9.83
2,4-DCAA	6.96	6.96	6.96	6.96	6.96	6.96	6.86	7.06
DICAMBA	7.14	7.14	7.14	7.14	7.14	7.14	7.04	7.24
DICHLORPROP	7.82	7.82	7.82	7.82	7.82	7.82	7.72	7.92
Dinoseb	10.90	10.90	10.90	10.90	10.89	10.90	10.80	11.00

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_S **Calibration Date(s):** 04/02/2025 04/02/2025

Calibration Times: 17:32 20:44

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS029657.D RT 500 = PS029658.D

RT 750 = PS029659.D RT 1000 = PS029660.D RT 1500 = PS029661.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.96	9.96	9.96	9.96	9.96	9.96	9.86	10.06
2,4,5-TP(Silvex)	9.55	9.55	9.55	9.55	9.55	9.55	9.45	9.65
2,4-D	8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
2,4-DB	10.52	10.52	10.51	10.52	10.51	10.51	10.41	10.61
2,4-DCAA	7.48	7.48	7.48	7.48	7.48	7.48	7.38	7.58
DICAMBA	7.66	7.66	7.66	7.66	7.66	7.66	7.56	7.76
DICHLORPROP	8.36	8.36	8.36	8.36	8.36	8.36	8.26	8.46
Dinoseb	10.89	10.89	10.89	10.89	10.89	10.89	10.79	10.99

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_S

Calibration Date(s): 04/02/2025 04/02/2025

Calibration Times: 17:32 20:44

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 200 =** PS029657.D **CF 500 =** PS029658.D

CF 750 = PS029659.D **CF 1000 =** PS029660.D **CF 1500 =** PS029661.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	12392100000	11556100000	11317000000	11259900000	10997000000	11504400000	5
2,4,5-TP(Silvex)	12727900000	11569300000	11320400000	11249800000	11209500000	11615400000	5
2,4-D	2821030000	2334770000	2267580000	2246770000	2377810000	2409590000	10
2,4-DB	1770320000	1877810000	1877800000	1875590000	1682200000	1816740000	5
2,4-DCAA	2302820000	2069000000	1979340000	1949030000	1893970000	2038830000	8
DICAMBA	8858060000	8486840000	8279770000	8264120000	7720910000	8321940000	5
DICHLORPROP	2631030000	2144690000	2068210000	2026460000	2126800000	2199440000	11
Dinoseb	9157510000	8349910000	8295260000	8191760000	8215770000	8442040000	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_S **Calibration Date(s):** 04/02/2025 04/02/2025

Calibration Times: 17:32 20:44

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 200 =** PS029657.D **CF 500 =** PS029658.D

CF 750 = PS029659.D **CF 1000 =** PS029660.D **CF 1500 =** PS029661.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	7045180000	6633840000	6608740000	6643500000	6582930000	6702840000	3
2,4,5-TP(Silvex)	7615620000	7063890000	7056380000	7090810000	7238100000	7212960000	3
2,4-D	1263680000	1033640000	1003030000	1003730000	1088250000	1078460000	10
2,4-DB	803302000	731751000	714994000	726360000	733471000	741975000	5
2,4-DCAA	756673000	677593000	660102000	658637000	654559000	681513000	6
DICAMBA	3706360000	3600950000	3652250000	3722240000	3785060000	3693370000	2
DICHLORPROP	1136690000	925142000	905064000	900036000	963828000	966152000	10
Dinoseb	5552480000	5015020000	4952150000	4983340000	5061010000	5112800000	5

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/27/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 22:51 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.29	7.29	7.19	7.39	0.00
2,4-DCAA	7.11	7.12	7.02	7.22	0.01
DICHLORPROP	7.99	7.99	7.89	8.09	0.00
2,4-D	8.22	8.22	8.12	8.32	0.00
2,4,5-TP(Silvex)	9.08	9.08	8.98	9.18	0.00
2,4,5-T	9.37	9.37	9.27	9.47	0.00
2,4-DB	9.94	9.94	9.84	10.04	0.00
Dinoseb	11.12	11.13	11.03	11.23	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/27/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 22:51 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.72	7.73	7.63	7.83	0.01
2,4-DCAA	7.53	7.54	7.44	7.64	0.01
DICHLORPROP	8.43	8.43	8.33	8.53	0.00
2,4-D	8.75	8.75	8.65	8.85	0.01
2,4,5-TP(Silvex)	9.63	9.63	9.53	9.73	0.00
2,4,5-T	10.04	10.04	9.94	10.14	0.00
2,4-DB	10.60	10.60	10.50	10.70	0.00
Dinoseb	10.97	10.97	10.87	11.07	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/27/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029588.D **Time Analyzed:** 22:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.371	9.273	9.473	761.260	712.500	6.8
2,4,5-TP(Silvex)	9.080	8.982	9.182	718.400	712.500	0.8
2,4-D	8.220	8.122	8.322	741.930	705.000	5.2
2,4-DB	9.939	9.843	10.043	808.180	712.500	13.4
2,4-DCAA	7.114	7.015	7.215	743.510	750.000	-0.9
DICAMBA	7.293	7.194	7.394	691.940	705.000	-1.9
DICHLORPROP	7.990	7.891	8.091	693.070	705.000	-1.7
Dinoseb	11.124	11.026	11.226	706.110	705.000	0.2

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/27/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029588.D **Time Analyzed:** 22:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.040	9.943	10.143	731.070	712.500	2.6
2,4,5-TP(Silvex)	9.630	9.534	9.734	728.840	712.500	2.3
2,4-D	8.745	8.648	8.848	714.600	705.000	1.4
2,4-DB	10.598	10.502	10.702	657.450	712.500	-7.7
2,4-DCAA	7.534	7.437	7.637	753.070	750.000	0.4
DICAMBA	7.724	7.626	7.826	723.310	705.000	2.6
DICHLORPROP	8.425	8.328	8.528	690.810	705.000	-2.0
Dinoseb	10.971	10.874	11.074	707.320	705.000	0.3

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/28/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 04:27 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.30	7.29	7.19	7.39	-0.01
2,4-DCAA	7.12	7.12	7.02	7.22	0.00
DICHLORPROP	7.99	7.99	7.89	8.09	0.00
2,4-D	8.22	8.22	8.12	8.32	0.00
2,4,5-TP(Silvex)	9.08	9.08	8.98	9.18	0.00
2,4,5-T	9.37	9.37	9.27	9.47	0.00
2,4-DB	9.94	9.94	9.84	10.04	0.00
Dinoseb	11.13	11.13	11.03	11.23	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/28/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 04:27 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.72	7.73	7.63	7.83	0.01
2,4-DCAA	7.54	7.54	7.44	7.64	0.01
DICHLORPROP	8.43	8.43	8.33	8.53	0.00
2,4-D	8.75	8.75	8.65	8.85	0.01
2,4,5-TP(Silvex)	9.63	9.63	9.53	9.73	0.00
2,4,5-T	10.04	10.04	9.94	10.14	0.00
2,4-DB	10.60	10.60	10.50	10.70	0.00
Dinoseb	10.97	10.97	10.87	11.07	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/28/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029600.D **Time Analyzed:** 04:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.373	9.273	9.473	751.370	712.500	5.5
2,4,5-TP(Silvex)	9.082	8.982	9.182	707.180	712.500	-0.7
2,4-D	8.221	8.122	8.322	728.240	705.000	3.3
2,4-DB	9.942	9.843	10.043	818.970	712.500	14.9
2,4-DCAA	7.116	7.015	7.215	733.820	750.000	-2.2
DICAMBA	7.295	7.194	7.394	683.590	705.000	-3.0
DICHLORPROP	7.992	7.891	8.091	687.210	705.000	-2.5
Dinoseb	11.127	11.026	11.226	675.180	705.000	-4.2

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/28/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029600.D **Time Analyzed:** 04:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.040	9.943	10.143	707.300	712.500	-0.7
2,4,5-TP(Silvex)	9.630	9.534	9.734	710.210	712.500	-0.3
2,4-D	8.745	8.648	8.848	692.900	705.000	-1.7
2,4-DB	10.598	10.502	10.702	637.690	712.500	-10.5
2,4-DCAA	7.535	7.437	7.637	732.700	750.000	-2.3
DICAMBA	7.724	7.626	7.826	703.150	705.000	-0.3
DICHLORPROP	8.426	8.328	8.528	672.740	705.000	-4.6
Dinoseb	10.971	10.874	11.074	674.270	705.000	-4.4

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/28/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 09:15 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.29	7.29	7.19	7.39	0.00
2,4-DCAA	7.11	7.12	7.02	7.22	0.01
DICHLORPROP	7.99	7.99	7.89	8.09	0.00
2,4-D	8.22	8.22	8.12	8.32	0.00
2,4,5-TP(Silvex)	9.08	9.08	8.98	9.18	0.00
2,4,5-T	9.37	9.37	9.27	9.47	0.00
2,4-DB	9.94	9.94	9.84	10.04	0.00
Dinoseb	11.13	11.13	11.03	11.23	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/28/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 09:15 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.72	7.73	7.63	7.83	0.01
2,4-DCAA	7.53	7.54	7.44	7.64	0.01
DICHLORPROP	8.42	8.43	8.33	8.53	0.01
2,4-D	8.74	8.75	8.65	8.85	0.01
2,4,5-TP(Silvex)	9.63	9.63	9.53	9.73	0.00
2,4,5-T	10.04	10.04	9.94	10.14	0.00
2,4-DB	10.60	10.60	10.50	10.70	0.00
Dinoseb	10.97	10.97	10.87	11.07	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL03 **Date Analyzed:** 03/28/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029612.D **Time Analyzed:** 09:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.372	9.273	9.473	785.690	712.500	10.3
2,4,5-TP(Silvex)	9.081	8.982	9.182	742.110	712.500	4.2
2,4-D	8.220	8.122	8.322	764.850	705.000	8.5
2,4-DB	9.940	9.843	10.043	855.010	712.500	20.0
2,4-DCAA	7.114	7.015	7.215	761.470	750.000	1.5
DICAMBA	7.293	7.194	7.394	713.270	705.000	1.2
DICHLORPROP	7.990	7.891	8.091	718.940	705.000	2.0
Dinoseb	11.126	11.026	11.226	733.150	705.000	4.0

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL03 **Date Analyzed:** 03/28/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029612.D **Time Analyzed:** 09:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.038	9.943	10.143	749.100	712.500	5.1
2,4,5-TP(Silvex)	9.628	9.534	9.734	747.960	712.500	5.0
2,4-D	8.744	8.648	8.848	727.670	705.000	3.2
2,4-DB	10.596	10.502	10.702	663.410	712.500	-6.9
2,4-DCAA	7.533	7.437	7.637	767.240	750.000	2.3
DICAMBA	7.722	7.626	7.826	741.650	705.000	5.2
DICHLORPROP	8.424	8.328	8.528	713.010	705.000	1.1
Dinoseb	10.969	10.874	11.074	737.540	705.000	4.6

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 04/03/2025 **Initial Calibration Date(s):** 04/02/2025 04/02/2025

Continuing Calib Time: 12:32 **Initial Calibration Time(s):** 17:32 20:44

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.14	7.14	7.04	7.24	0.00
2,4-DCAA	6.96	6.96	6.86	7.06	0.00
DICHLORPROP	7.82	7.82	7.72	7.92	0.00
2,4-D	8.04	8.04	7.94	8.14	0.00
2,4,5-TP(Silvex)	8.89	8.89	8.79	8.99	0.00
2,4,5-T	9.17	9.17	9.07	9.27	0.00
2,4-DB	9.73	9.73	9.63	9.83	0.00
Dinoseb	10.89	10.90	10.80	11.00	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 04/03/2025 **Initial Calibration Date(s):** 04/02/2025 04/02/2025

Continuing Calib Time: 12:32 **Initial Calibration Time(s):** 17:32 20:44

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.66	7.66	7.56	7.76	0.00
2,4-DCAA	7.48	7.48	7.38	7.58	0.01
DICHLORPROP	8.36	8.36	8.26	8.46	0.00
2,4-D	8.67	8.67	8.57	8.77	0.00
2,4,5-TP(Silvex)	9.55	9.55	9.45	9.65	0.00
2,4,5-T	9.96	9.96	9.86	10.06	0.00
2,4-DB	10.51	10.51	10.41	10.61	0.00
Dinoseb	10.89	10.89	10.79	10.99	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/02/2025 04/02/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/03/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029673.D **Time Analyzed:** 12:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.168	9.070	9.270	779.490	712.500	9.4
2,4,5-TP(Silvex)	8.886	8.788	8.988	768.730	712.500	7.9
2,4-D	8.041	7.942	8.142	733.210	705.000	4.0
2,4-DB	9.728	9.629	9.829	806.090	712.500	13.1
2,4-DCAA	6.962	6.863	7.063	802.670	750.000	7.0
DICAMBA	7.139	7.040	7.240	776.950	705.000	10.2
DICHLORPROP	7.820	7.722	7.922	728.610	705.000	3.3
Dinoseb	10.893	10.795	10.995	776.720	705.000	10.2

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/02/2025 04/02/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/03/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029673.D **Time Analyzed:** 12:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.956	9.857	10.057	772.470	712.500	8.4
2,4,5-TP(Silvex)	9.551	9.451	9.651	766.290	712.500	7.5
2,4-D	8.671	8.571	8.771	723.340	705.000	2.6
2,4-DB	10.513	10.414	10.614	759.120	712.500	6.5
2,4-DCAA	7.475	7.375	7.575	795.550	750.000	6.1
DICAMBA	7.662	7.562	7.762	764.890	705.000	8.5
DICHLORPROP	8.356	8.256	8.456	721.790	705.000	2.4
Dinoseb	10.886	10.787	10.987	748.210	705.000	6.1

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 04/03/2025 **Initial Calibration Date(s):** 04/02/2025 04/02/2025

Continuing Calib Time: 17:59 **Initial Calibration Time(s):** 17:32 20:44

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.14	7.14	7.04	7.24	0.00
2,4-DCAA	6.96	6.96	6.86	7.06	0.00
DICHLORPROP	7.82	7.82	7.72	7.92	0.00
2,4-D	8.04	8.04	7.94	8.14	0.00
2,4,5-TP(Silvex)	8.89	8.89	8.79	8.99	0.00
2,4,5-T	9.17	9.17	9.07	9.27	0.00
2,4-DB	9.73	9.73	9.63	9.83	0.00
Dinoseb	10.89	10.90	10.80	11.00	0.01

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 04/03/2025 **Initial Calibration Date(s):** 04/02/2025 04/02/2025

Continuing Calib Time: 17:59 **Initial Calibration Time(s):** 17:32 20:44

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.66	7.66	7.56	7.76	0.00
2,4-DCAA	7.47	7.48	7.38	7.58	0.01
DICHLORPROP	8.35	8.36	8.26	8.46	0.01
2,4-D	8.67	8.67	8.57	8.77	0.00
2,4,5-TP(Silvex)	9.55	9.55	9.45	9.65	0.00
2,4,5-T	9.95	9.96	9.86	10.06	0.01
2,4-DB	10.51	10.51	10.41	10.61	0.00
Dinoseb	10.88	10.89	10.79	10.99	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/02/2025 04/02/2025

Client Sample No.: CCAL05 **Date Analyzed:** 04/03/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029683.D **Time Analyzed:** 17:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.167	9.070	9.270	758.130	712.500	6.4
2,4,5-TP(Silvex)	8.885	8.788	8.988	749.150	712.500	5.1
2,4-D	8.039	7.942	8.142	743.970	705.000	5.5
2,4-DB	9.726	9.629	9.829	794.180	712.500	11.5
2,4-DCAA	6.959	6.863	7.063	774.190	750.000	3.2
DICAMBA	7.136	7.040	7.240	756.430	705.000	7.3
DICHLORPROP	7.818	7.722	7.922	716.230	705.000	1.6
Dinoseb	10.891	10.795	10.995	739.250	705.000	4.9

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/02/2025 04/02/2025

Client Sample No.: CCAL05 **Date Analyzed:** 04/03/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029683.D **Time Analyzed:** 17:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.952	9.857	10.057	750.240	712.500	5.3
2,4,5-TP(Silvex)	9.547	9.451	9.651	739.400	712.500	3.8
2,4-D	8.667	8.571	8.771	698.790	705.000	-0.9
2,4-DB	10.509	10.414	10.614	734.590	712.500	3.1
2,4-DCAA	7.472	7.375	7.575	761.460	750.000	1.5
DICAMBA	7.658	7.562	7.762	729.850	705.000	3.5
DICHLORPROP	8.353	8.256	8.456	695.620	705.000	-1.3
Dinoseb	10.881	10.787	10.987	725.750	705.000	2.9

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Analytical Sequence

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

Project: Walsh CO-032 Sampling **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/27/2025 03/27/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	03/27/2025	09:49	PS029557.D	7.12	0.00
HSTDICC200	HSTDICC200	03/27/2025	10:13	PS029558.D	7.12	0.00
HSTDICC500	HSTDICC500	03/27/2025	10:37	PS029559.D	7.12	0.00
HSTDICC750	HSTDICC750	03/27/2025	11:01	PS029560.D	7.12	0.00
HSTDICC1000	HSTDICC1000	03/27/2025	11:25	PS029561.D	7.11	0.00
HSTDICC1500	HSTDICC1500	03/27/2025	11:49	PS029562.D	7.11	0.00
I.BLK	I.BLK	03/27/2025	22:26	PS029587.D	7.11	0.00
HSTDCCC750	HSTDCCC750	03/27/2025	22:51	PS029588.D	7.11	0.00
CO-32-1	Q1626-01	03/28/2025	01:15	PS029593.D	7.11	0.00
CO-32-1MS	Q1626-01MS	03/28/2025	01:39	PS029594.D	7.11	0.00
CO-32-1MSD	Q1626-01MSD	03/28/2025	02:03	PS029595.D	7.11	0.00
I.BLK	I.BLK	03/28/2025	03:39	PS029599.D	7.12	0.00
HSTDCCC750	HSTDCCC750	03/28/2025	04:27	PS029600.D	7.12	0.00
PB167293BL	PB167293BL	03/28/2025	05:39	PS029603.D	7.11	0.00
I.BLK	I.BLK	03/28/2025	08:51	PS029611.D	7.12	0.00
HSTDCCC750	HSTDCCC750	03/28/2025	09:15	PS029612.D	7.11	0.00
I.BLK	I.BLK	04/02/2025	16:44	PS029656.D	6.96	0.00
HSTDICC200	HSTDICC200	04/02/2025	17:32	PS029657.D	6.96	0.00
HSTDICC500	HSTDICC500	04/02/2025	17:56	PS029658.D	6.96	0.00
HSTDICC750	HSTDICC750	04/02/2025	18:44	PS029659.D	6.96	0.00
HSTDICC1000	HSTDICC1000	04/02/2025	19:32	PS029660.D	6.96	0.00
HSTDICC1500	HSTDICC1500	04/02/2025	20:44	PS029661.D	6.96	0.00
I.BLK	I.BLK	04/03/2025	12:08	PS029672.D	6.96	0.00
HSTDCCC750	HSTDCCC750	04/03/2025	12:32	PS029673.D	6.96	0.00
PB167293BS	PB167293BS	04/03/2025	16:06	PS029681.D	6.96	0.00
I.BLK	I.BLK	04/03/2025	16:40	PS029682.D	6.96	0.00
HSTDCCC750	HSTDCCC750	04/03/2025	17:59	PS029683.D	6.96	0.00

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Analytical Sequence

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

Project: Walsh CO-032 Sampling **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/27/2025 03/27/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	03/27/2025	09:49	PS029557.D	7.54	0.00
HSTDICC200	HSTDICC200	03/27/2025	10:13	PS029558.D	7.54	0.00
HSTDICC500	HSTDICC500	03/27/2025	10:37	PS029559.D	7.54	0.00
HSTDICC750	HSTDICC750	03/27/2025	11:01	PS029560.D	7.54	0.00
HSTDICC1000	HSTDICC1000	03/27/2025	11:25	PS029561.D	7.54	0.00
HSTDICC1500	HSTDICC1500	03/27/2025	11:49	PS029562.D	7.54	0.00
I.BLK	I.BLK	03/27/2025	22:26	PS029587.D	7.54	0.00
HSTDCCC750	HSTDCCC750	03/27/2025	22:51	PS029588.D	7.53	0.00
CO-32-1	Q1626-01	03/28/2025	01:15	PS029593.D	7.53	0.00
CO-32-1MS	Q1626-01MS	03/28/2025	01:39	PS029594.D	7.53	0.00
CO-32-1MSD	Q1626-01MSD	03/28/2025	02:03	PS029595.D	7.53	0.00
I.BLK	I.BLK	03/28/2025	03:39	PS029599.D	7.54	0.00
HSTDCCC750	HSTDCCC750	03/28/2025	04:27	PS029600.D	7.54	0.00
PB167293BL	PB167293BL	03/28/2025	05:39	PS029603.D	7.53	0.00
I.BLK	I.BLK	03/28/2025	08:51	PS029611.D	7.53	0.00
HSTDCCC750	HSTDCCC750	03/28/2025	09:15	PS029612.D	7.53	0.00
I.BLK	I.BLK	04/02/2025	16:44	PS029656.D	7.48	0.00
HSTDICC200	HSTDICC200	04/02/2025	17:32	PS029657.D	7.48	0.00
HSTDICC500	HSTDICC500	04/02/2025	17:56	PS029658.D	7.48	0.00
HSTDICC750	HSTDICC750	04/02/2025	18:44	PS029659.D	7.48	0.00
HSTDICC1000	HSTDICC1000	04/02/2025	19:32	PS029660.D	7.48	0.00
HSTDICC1500	HSTDICC1500	04/02/2025	20:44	PS029661.D	7.48	0.00
I.BLK	I.BLK	04/03/2025	12:08	PS029672.D	7.47	0.00
HSTDCCC750	HSTDCCC750	04/03/2025	12:32	PS029673.D	7.48	0.00
PB167293BS	PB167293BS	04/03/2025	16:06	PS029681.D	7.48	0.00
I.BLK	I.BLK	04/03/2025	16:40	PS029682.D	7.47	0.00
HSTDCCC750	HSTDCCC750	04/03/2025	17:59	PS029683.D	7.47	0.00

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

CO-32-1MS

Contract: WALS01

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

Lab Sample ID: Q1626-01MS **Date(s) Analyzed:** 03/28/2025 03/28/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICHLORPROP	1	7.99	7.94	8.04	18.5	2.7
	2	8.43	8.38	8.48	19.0	
2,4-D	1	8.22	8.17	8.27	53.1	32.4
	2	8.75	8.70	8.80	38.3	
2,4,5-TP(Silvex)	1	9.08	9.03	9.13	14.0	5.1
	2	9.63	9.58	9.68	13.3	
2,4,5-T	1	9.37	9.32	9.42	22.8	17.7
	2	10.04	9.99	10.09	19.1	
DICAMBA	1	7.29	7.24	7.34	42.3	20
	2	7.72	7.67	7.77	34.6	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

CO-32-1MSD

Contract: WALS01

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

Lab Sample ID: Q1626-01MSD **Date(s) Analyzed:** 03/28/2025 03/28/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICHLORPROP	1	7.99	7.94	8.04	18.1	1.7
	2	8.43	8.38	8.48	17.8	
2,4-D	1	8.23	8.18	8.28	51.5	30.4
	2	8.75	8.70	8.80	37.9	
2,4,5-TP(Silvex)	1	9.08	9.03	9.13	14.1	18.6
	2	9.63	9.58	9.68	11.7	
2,4,5-T	1	9.38	9.33	9.43	22.8	16.6
	2	10.04	9.99	10.09	19.3	
DICAMBA	1	7.29	7.24	7.34	42.3	19.7
	2	7.72	7.67	7.77	34.7	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167293BS

Contract: WALS01

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

Lab Sample ID: PB167293BS **Date(s) Analyzed:** 04/03/2025 04/03/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICHLORPROP	1	7.82	7.77	7.87	184	0.5
	2	8.36	8.31	8.41	183	
2,4-D	1	8.04	7.99	8.09	184	1.1
	2	8.67	8.62	8.72	186	
2,4,5-TP(Silvex)	1	8.89	8.84	8.94	188	2.1
	2	9.55	9.50	9.60	192	
2,4,5-T	1	9.17	9.12	9.22	189	2.6
	2	9.96	9.91	10.01	194	
2,4-DB	1	9.73	9.68	9.78	188	1.6
	2	10.51	10.46	10.56	185	
Dinoseb	1	10.89	10.84	10.94	185	1.6
	2	10.88	10.83	10.93	188	
DICAMBA	1	7.14	7.09	7.19	187	0
	2	7.66	7.61	7.71	187	

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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029554.D	1	03/25/25 08:40	03/26/25 17:42	PB167293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.20	U	8.20	70.6	ug/Kg
120-36-5	DICHLORPROP	13.5	U	13.5	70.6	ug/Kg
94-75-7	2,4-D	9.50	U	9.50	70.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.50	U	9.50	70.6	ug/Kg
93-76-5	2,4,5-T	9.20	U	9.20	70.6	ug/Kg
94-82-6	2,4-DB	25.5	U	25.5	70.6	ug/Kg
88-85-7	DINOSEB	11.4	U	11.4	70.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	94.9		10 - 141	19%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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**			**03/21/25**			**03/21/25**
			Gasoline Range Organics	8015D			03/24/25	
			Herbicide	8151A		03/25/25	03/26/25	
			PCB	8082A		03/24/25	03/24/25	
			Pesticide-TCL	8081B		03/24/25	03/25/25	
			TPH GC	8015D		03/25/25	03/25/25	
			EPH_NF	NJEPH		03/24/25	03/24/25	
Q1626-01DL	**CO-32-1DL**	**SOIL**			**03/21/25**			**03/21/25**
			PCB	8082A		03/24/25	03/25/25	
Q1626-03	**CO-32-1**	**TCLP**			**03/21/25**			**03/21/25**
			TCLP Herbicide	8151A		03/25/25	03/28/25	
			TCLP Pesticide	8081B		03/25/25	03/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1626 **Order ID:** Q1626

Client: Walsh Construction Company II, LLC **Project ID:** Walsh CO-032 Sampling

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PB167275TB	SDG No.:	Q1626
Lab Sample ID:	PB167275TB	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029602.D	1	03/25/25 12:23	03/28/25 05:15	PB167312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	528		39 - 175	106%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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:	Q1626-03	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029596.D	1	03/25/25 12:23	03/28/25 02:27	PB167312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	402		39 - 175	80%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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

Surrogate Summary

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PS029557.D	PIBLK-PS029557.D	2,4-DCAA	1	500	455	91		39	175
		2,4-DCAA	2	500	523	105		39	175
I.BLK-PS029575.D	PIBLK-PS029575.D	2,4-DCAA	1	500	501	100		39	175
		2,4-DCAA	2	500	540	108		39	175
Q1609-03MS	WC-SCRN-01-CMS	2,4-DCAA	1	500	489	98		39	175
		2,4-DCAA	2	500	488	98		39	175
Q1609-03MSD	WC-SCRN-01-CMSD	2,4-DCAA	1	500	494	99		39	175
		2,4-DCAA	2	500	487	97		39	175
I.BLK-PS029587.D	PIBLK-PS029587.D	2,4-DCAA	1	500	518	104		39	175
		2,4-DCAA	2	500	541	108		39	175
Q1626-03	CO-32-1	2,4-DCAA	1	500	402	80		39	175
		2,4-DCAA	2	500	384	77		39	175
PB167312BL	PB167312BL	2,4-DCAA	1	500	495	99		39	175
		2,4-DCAA	2	500	483	97		39	175
I.BLK-PS029599.D	PIBLK-PS029599.D	2,4-DCAA	1	500	528	106		39	175
		2,4-DCAA	2	500	545	109		39	175
PB167312BS	PB167312BS	2,4-DCAA	1	500	545	109		39	175
		2,4-DCAA	2	500	531	106		39	175
PB167275TB	PB167275TB	2,4-DCAA	1	500	528	106		39	175
		2,4-DCAA	2	500	521	104		39	175
I.BLK-PS029611.D	PIBLK-PS029611.D	2,4-DCAA	1	500	529	106		39	175
		2,4-DCAA	2	500	554	111		39	175

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A **DataFile :** PS029577.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**WC-SCRN-01-CMS**											
Q1609-03MS	2,4-D	50	0	53.0	ug/L	106				65	135	
	2,4,5-TP(Silvex)	50	0	50.0	ug/L	100				62	139	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A **DataFile :** PS029578.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**WC-SCRN-01-CMSD**											
Q1609-03MSD	2,4-D	50	0	53.1	ug/L	106		0		65	135	20
	2,4,5-TP(Silvex)	50	0	50.1	ug/L	100		0		62	139	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A **Datafile :** PS029601.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167312BS	2,4-D	5	5.30	ug/L	106				83	130	
	2,4,5-TP(Silvex)	5	5.10	ug/L	102				78	127	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167312BL

Lab Name: CHEMTECH Contract: WALS01

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

Lab Sample ID: PB167312BL Lab File ID: PS029597.D

Matrix: (soil/water) water Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 03/25/2025

Date Analyzed (1): 03/28/2025 Date Analyzed (2): 03/28/2025

Time Analyzed (1): 02:51 Time Analyzed (2): 02:51

Instrument ID (1): ECD_S Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm) GC Column (2): RTX-CLP2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
WC-SCRN-01-CMS	Q1609-03MS	PS029577.D	03/27/2025	03/27/2025
WC-SCRN-01-CMSD	Q1609-03MSD	PS029578.D	03/27/2025	03/27/2025
CO-32-1	Q1626-03	PS029596.D	03/28/2025	03/28/2025
PB167312BS	PB167312BS	PS029601.D	03/28/2025	03/28/2025
PB167275TB	PB167275TB	PS029602.D	03/28/2025	03/28/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167312BL	SDG No.:	Q1626
Lab Sample ID:	PB167312BL	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029597.D	1	03/25/25 12:23	03/28/25 02:51	PB167312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	495		39 - 175	99%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/27/25
Project:	Walsh CO-032 Sampling	Date Received:	03/27/25
Client Sample ID:	PIBLK-PS029557.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PS029557.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029557.D	1		03/27/25	PS032825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	523		39 - 175	105%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/27/25
Project:	Walsh CO-032 Sampling	Date Received:	03/27/25
Client Sample ID:	PIBLK-PS029575.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PS029575.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029575.D	1		03/27/25	ps032825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	540		39 - 175	108%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/27/25
Project:	Walsh CO-032 Sampling	Date Received:	03/27/25
Client Sample ID:	PIBLK-PS029587.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PS029587.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029587.D	1		03/27/25	ps032825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	541		39 - 175	108%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/28/25
Project:	Walsh CO-032 Sampling	Date Received:	03/28/25
Client Sample ID:	PIBLK-PS029599.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PS029599.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029599.D	1		03/28/25	ps032825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	545		39 - 175	109%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/28/25
Project:	Walsh CO-032 Sampling	Date Received:	03/28/25
Client Sample ID:	PIBLK-PS029611.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-PS029611.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029611.D	1		03/28/25	ps032825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	554		39 - 175	111%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167312BS	SDG No.:	Q1626
Lab Sample ID:	PB167312BS	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029601.D	1	03/25/25 12:23	03/28/25 04:51	PB167312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	5.30		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.10		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	545		39 - 175	109%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/19/25
Project:	Walsh CO-032 Sampling	Date Received:	03/20/25
Client Sample ID:	WC-SCRN-01-CMS	SDG No.:	Q1626
Lab Sample ID:	Q1609-03MS	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029577.D	1	03/25/25 12:23	03/27/25 18:26	PB167312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	53.0		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	50.0		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	489		39 - 175	98%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/19/25
Project:	Walsh CO-032 Sampling	Date Received:	03/20/25
Client Sample ID:	WC-SCRN-01-CMSD	SDG No.:	Q1626
Lab Sample ID:	Q1609-03MSD	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029578.D	1	03/25/25 12:23	03/27/25 18:50	PB167312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	53.1		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	50.1		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	494		39 - 175	99%	SPK: 500

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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_S **Calibration Date(s):** 03/27/2025 03/27/2025

Calibration Times: 10:13 11:49

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS029558.D RT 500 = PS029559.D

RT 750 = PS029560.D RT 1000 = PS029561.D RT 1500 = PS029562.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.08	9.08	9.08	9.08	9.08	9.08	8.98	9.18
2,4-D	8.23	8.22	8.22	8.22	8.22	8.22	8.12	8.32
2,4-DCAA	7.12	7.12	7.12	7.11	7.11	7.12	7.02	7.22

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_S **Calibration Date(s):** 03/27/2025 03/27/2025

Calibration Times: 10:13 11:49

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS029558.D RT 500 = PS029559.D

RT 750 = PS029560.D RT 1000 = PS029561.D RT 1500 = PS029562.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.63	9.63	9.63	9.63	9.63	9.63	9.53	9.73
2,4-D	8.75	8.75	8.75	8.75	8.75	8.75	8.65	8.85
2,4-DCAA	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_S **Calibration Date(s):** 03/27/2025 03/27/2025

Calibration Times: 10:13 11:49

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 200 =** PS029558.D **CF 500 =** PS029559.D

CF 750 = PS029560.D **CF 1000 =** PS029561.D **CF 1500 =** PS029562.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	25670900000	23785800000	23109900000	22602700000	21306000000	23295100000	7
2,4-D	4188820000	4008980000	4020660000	4027260000	3923150000	4033770000	2
2,4-DCAA	4381510000	3897780000	3741570000	3660350000	3519270000	3840100000	9

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

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

Instrument ID: ECD_S

Calibration Date(s): 03/27/2025 03/27/2025

Calibration Times: 10:13 11:49

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 200 =** PS029558.D **CF 500 =** PS029559.D

CF 750 = PS029560.D **CF 1000 =** PS029561.D **CF 1500 =** PS029562.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	8920000000	8845090000	8871870000	8871810000	8614920000	8824740000	1
2,4-D	1444300000	1372750000	1351390000	1345360000	1316110000	1365980000	4
2,4-DCAA	924846000	863170000	848041000	848508000	831918000	863297000	4

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/27/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 18:02 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.12	7.12	7.02	7.22	0.01
2,4-D	8.22	8.22	8.12	8.32	0.00
2,4,5-TP(Silvex)	9.08	9.08	8.98	9.18	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/27/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 18:02 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.54	7.54	7.44	7.64	0.01
2,4-D	8.75	8.75	8.65	8.85	0.00
2,4,5-TP(Silvex)	9.63	9.63	9.53	9.73	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/27/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029576.D **Time Analyzed:** 18:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.082	8.982	9.182	700.560	712.500	-1.7
2,4-D	8.221	8.122	8.322	712.890	705.000	1.1
2,4-DCAA	7.115	7.015	7.215	723.930	750.000	-3.5

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/27/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029576.D **Time Analyzed:** 18:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.631	9.534	9.734	710.800	712.500	-0.2
2,4-D	8.746	8.648	8.848	691.910	705.000	-1.9
2,4-DCAA	7.535	7.437	7.637	732.800	750.000	-2.3

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/27/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 22:51 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.11	7.12	7.02	7.22	0.01
2,4-D	8.22	8.22	8.12	8.32	0.00
2,4,5-TP(Silvex)	9.08	9.08	8.98	9.18	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/27/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 22:51 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.53	7.54	7.44	7.64	0.01
2,4-D	8.75	8.75	8.65	8.85	0.01
2,4,5-TP(Silvex)	9.63	9.63	9.53	9.73	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/27/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029588.D **Time Analyzed:** 22:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.080	8.982	9.182	718.400	712.500	0.8
2,4-D	8.220	8.122	8.322	741.930	705.000	5.2
2,4-DCAA	7.114	7.015	7.215	743.510	750.000	-0.9

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/27/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029588.D **Time Analyzed:** 22:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.630	9.534	9.734	728.840	712.500	2.3
2,4-D	8.745	8.648	8.848	714.600	705.000	1.4
2,4-DCAA	7.534	7.437	7.637	753.070	750.000	0.4

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/28/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 04:27 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.12	7.12	7.02	7.22	0.00
2,4-D	8.22	8.22	8.12	8.32	0.00
2,4,5-TP(Silvex)	9.08	9.08	8.98	9.18	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/28/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 04:27 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.54	7.54	7.44	7.64	0.01
2,4-D	8.75	8.75	8.65	8.85	0.01
2,4,5-TP(Silvex)	9.63	9.63	9.53	9.73	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL03 **Date Analyzed:** 03/28/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029600.D **Time Analyzed:** 04:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.082	8.982	9.182	707.180	712.500	-0.7
2,4-D	8.221	8.122	8.322	728.240	705.000	3.3
2,4-DCAA	7.116	7.015	7.215	733.820	750.000	-2.2

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL03 **Date Analyzed:** 03/28/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029600.D **Time Analyzed:** 04:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.630	9.534	9.734	710.210	712.500	-0.3
2,4-D	8.745	8.648	8.848	692.900	705.000	-1.7
2,4-DCAA	7.535	7.437	7.637	732.700	750.000	-2.3

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/28/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 09:15 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.11	7.12	7.02	7.22	0.01
2,4-D	8.22	8.22	8.12	8.32	0.00
2,4,5-TP(Silvex)	9.08	9.08	8.98	9.18	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

Continuing Calib Date: 03/28/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 09:15 **Initial Calibration Time(s):** 10:13 11:49

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.53	7.54	7.44	7.64	0.01
2,4-D	8.74	8.75	8.65	8.85	0.01
2,4,5-TP(Silvex)	9.63	9.63	9.53	9.73	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL04 **Date Analyzed:** 03/28/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029612.D **Time Analyzed:** 09:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.081	8.982	9.182	742.110	712.500	4.2
2,4-D	8.220	8.122	8.322	764.850	705.000	8.5
2,4-DCAA	7.114	7.015	7.215	761.470	750.000	1.5

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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

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

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL04 **Date Analyzed:** 03/28/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS029612.D **Time Analyzed:** 09:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.628	9.534	9.734	747.960	712.500	5.0
2,4-D	8.744	8.648	8.848	727.670	705.000	3.2
2,4-DCAA	7.533	7.437	7.637	767.240	750.000	2.3

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Analytical Sequence

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

Project: Walsh CO-032 Sampling **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/27/2025 03/27/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	03/27/2025	09:49	PS029557.D	7.12	0.00
HSTDICC200	HSTDICC200	03/27/2025	10:13	PS029558.D	7.12	0.00
HSTDICC500	HSTDICC500	03/27/2025	10:37	PS029559.D	7.12	0.00
HSTDICC750	HSTDICC750	03/27/2025	11:01	PS029560.D	7.12	0.00
HSTDICC1000	HSTDICC1000	03/27/2025	11:25	PS029561.D	7.11	0.00
HSTDICC1500	HSTDICC1500	03/27/2025	11:49	PS029562.D	7.11	0.00
I.BLK	I.BLK	03/27/2025	17:14	PS029575.D	7.12	0.00
HSTDCCC750	HSTDCCC750	03/27/2025	18:02	PS029576.D	7.12	0.00
WC-SCRN-01-CMS	Q1609-03MS	03/27/2025	18:26	PS029577.D	7.11	0.00
WC-SCRN-01-CMSD	Q1609-03MSD	03/27/2025	18:50	PS029578.D	7.11	0.00
I.BLK	I.BLK	03/27/2025	22:26	PS029587.D	7.11	0.00
HSTDCCC750	HSTDCCC750	03/27/2025	22:51	PS029588.D	7.11	0.00
CO-32-1	Q1626-03	03/28/2025	02:27	PS029596.D	7.11	0.00
PB167312BL	PB167312BL	03/28/2025	02:51	PS029597.D	7.11	0.00
I.BLK	I.BLK	03/28/2025	03:39	PS029599.D	7.12	0.00
HSTDCCC750	HSTDCCC750	03/28/2025	04:27	PS029600.D	7.12	0.00
PB167312BS	PB167312BS	03/28/2025	04:51	PS029601.D	7.12	0.00
PB167275TB	PB167275TB	03/28/2025	05:15	PS029602.D	7.12	0.00
I.BLK	I.BLK	03/28/2025	08:51	PS029611.D	7.12	0.00
HSTDCCC750	HSTDCCC750	03/28/2025	09:15	PS029612.D	7.11	0.00

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Analytical Sequence

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

Project: Walsh CO-032 Sampling **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/27/2025 03/27/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	03/27/2025	09:49	PS029557.D	7.54	0.00
HSTDICC200	HSTDICC200	03/27/2025	10:13	PS029558.D	7.54	0.00
HSTDICC500	HSTDICC500	03/27/2025	10:37	PS029559.D	7.54	0.00
HSTDICC750	HSTDICC750	03/27/2025	11:01	PS029560.D	7.54	0.00
HSTDICC1000	HSTDICC1000	03/27/2025	11:25	PS029561.D	7.54	0.00
HSTDICC1500	HSTDICC1500	03/27/2025	11:49	PS029562.D	7.54	0.00
I.BLK	I.BLK	03/27/2025	17:14	PS029575.D	7.54	0.00
HSTDCCC750	HSTDCCC750	03/27/2025	18:02	PS029576.D	7.54	0.00
WC-SCRN-01-CMS	Q1609-03MS	03/27/2025	18:26	PS029577.D	7.53	0.00
WC-SCRN-01-CMSD	Q1609-03MSD	03/27/2025	18:50	PS029578.D	7.53	0.00
I.BLK	I.BLK	03/27/2025	22:26	PS029587.D	7.54	0.00
HSTDCCC750	HSTDCCC750	03/27/2025	22:51	PS029588.D	7.53	0.00
CO-32-1	Q1626-03	03/28/2025	02:27	PS029596.D	7.53	0.00
PB167312BL	PB167312BL	03/28/2025	02:51	PS029597.D	7.53	0.00
I.BLK	I.BLK	03/28/2025	03:39	PS029599.D	7.54	0.00
HSTDCCC750	HSTDCCC750	03/28/2025	04:27	PS029600.D	7.54	0.00
PB167312BS	PB167312BS	03/28/2025	04:51	PS029601.D	7.54	0.00
PB167275TB	PB167275TB	03/28/2025	05:15	PS029602.D	7.53	0.00
I.BLK	I.BLK	03/28/2025	08:51	PS029611.D	7.53	0.00
HSTDCCC750	HSTDCCC750	03/28/2025	09:15	PS029612.D	7.53	0.00

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167312BS

Contract: WALS01

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

Lab Sample ID: PB167312BS **Date(s) Analyzed:** 03/28/2025 03/28/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.22	8.17	8.27	5.30	14.1
	2	8.75	8.70	8.80	4.60	
2,4,5-TP(Silvex)	1	9.08	9.03	9.13	5.10	2
	2	9.63	9.58	9.68	5.00	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-SCRN-01-CMS

Contract: WALS01

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

Lab Sample ID: Q1609-03MS **Date(s) Analyzed:** 03/27/2025 03/27/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4,5-TP(Silvex)	1	9.08	9.03	9.13	50.0	2.8
	2	9.63	9.58	9.68	48.6	
2,4-D	1	8.22	8.17	8.27	53.0	11.6
	2	8.75	8.70	8.80	47.2	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-SCRN-01-CMSD

Contract: WALS01

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

Lab Sample ID: Q1609-03MSD **Date(s) Analyzed:** 03/27/2025 03/27/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.22	8.17	8.27	53.1	12
	2	8.75	8.70	8.80	47.1	
2,4,5-TP(Silvex)	1	9.08	9.03	9.13	50.1	2.6
	2	9.63	9.58	9.68	48.8	

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032725\
Data File : PS029555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Mar 2025 18:06
Operator : AR\AJ
Sample : Q1626-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CO-32-1

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/27/2025
Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 18:21:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032625.M
Quant Title : 8080.M
QLast Update : Wed Mar 26 16:20:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.119	7.541	1419.1E6	353.8E6	342.007m	375.956
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

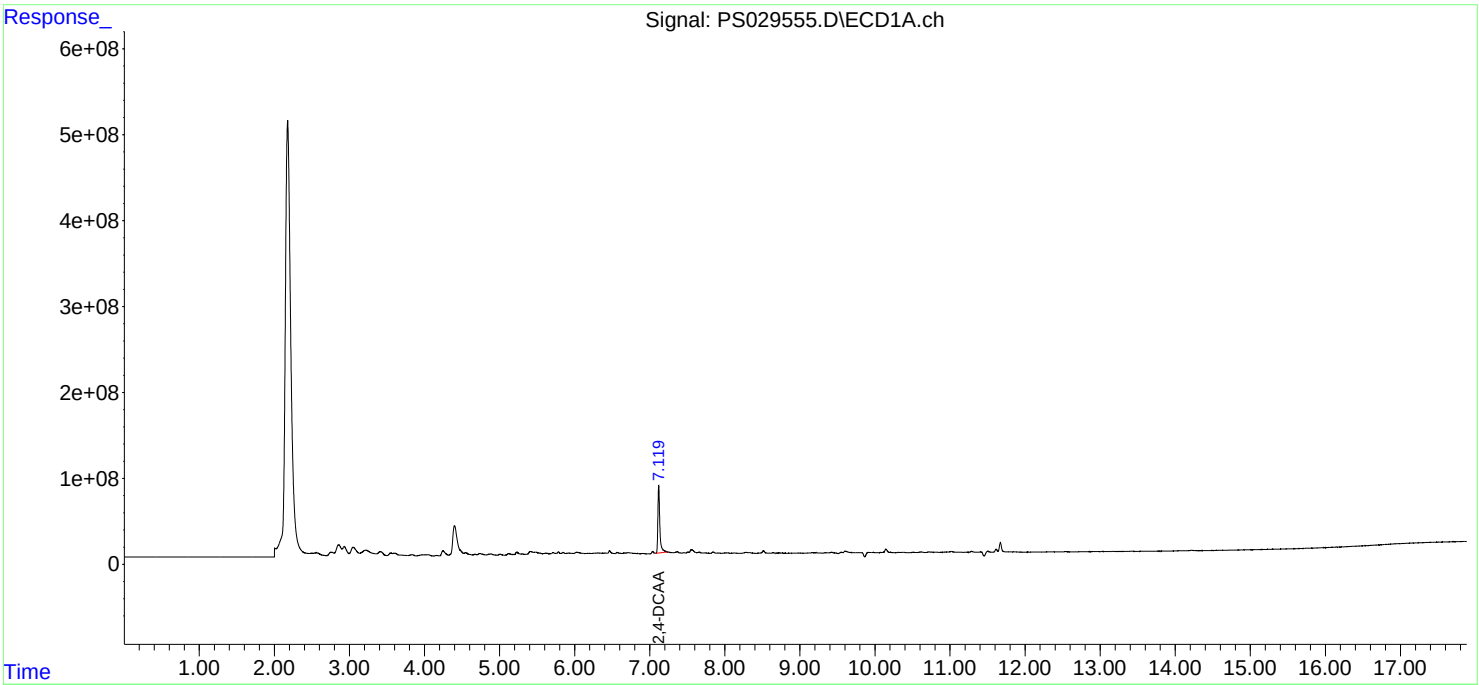
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032725\
Data File : PS029555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Mar 2025 18:06
Operator : AR\AJ
Sample : Q1626-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

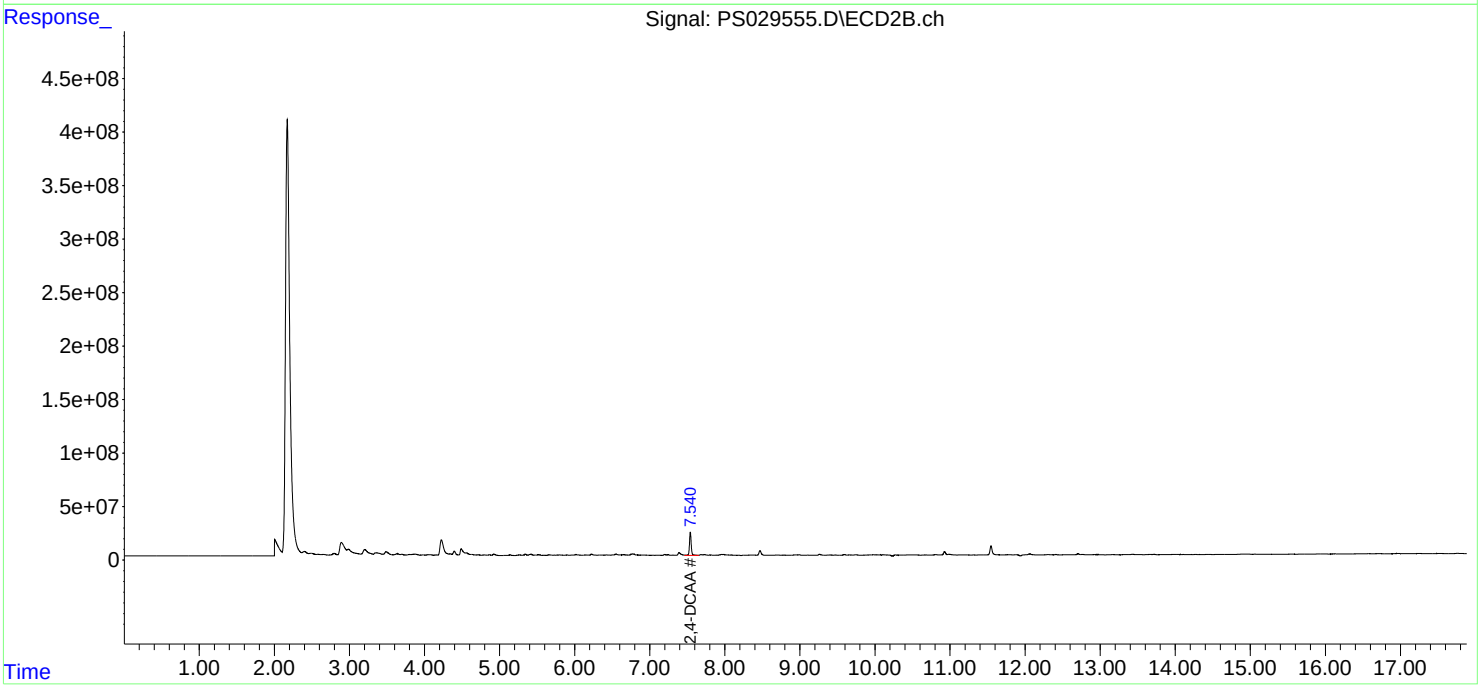
Instrument :
ECD_S
ClientSampleId :
CO-32-1

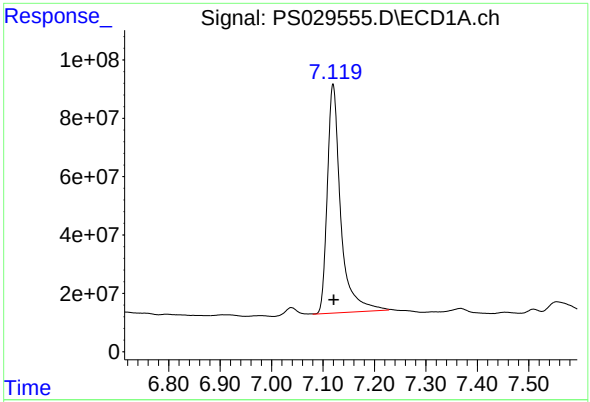
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 03/27/2025
Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 18:21:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032625.M
Quant Title : 8080.M
QLast Update : Wed Mar 26 16:20:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







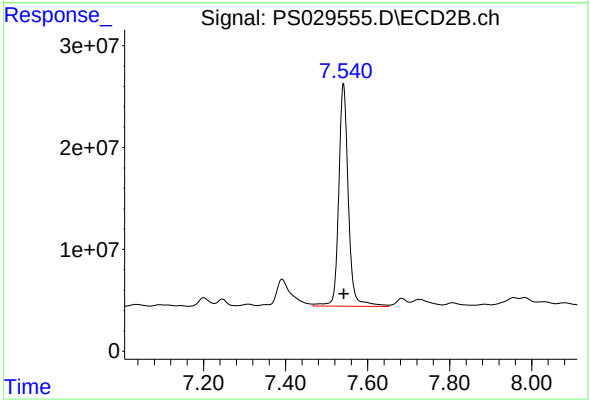
#4 2,4-DCAA

R.T.: 7.119 min
Delta R.T.: -0.002 min
Response: 1419133935
Conc: 342.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
CO-32-1

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



#4 2,4-DCAA

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 353756590
Conc: 375.96 ng/ml

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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**			**03/21/25**			**03/21/25**
			Gasoline Range Organics	8015D			03/24/25	
			PCB	8082A		03/24/25	03/24/25	
			Pesticide-TCL	8081B		03/24/25	03/25/25	
			TPH GC	8015D		03/25/25	03/25/25	
			EPH_NF	NJEPH		03/24/25	03/24/25	
Q1626-01DL	**CO-32-1DL**	**SOIL**			**03/21/25**			**03/21/25**
			PCB	8082A		03/24/25	03/25/25	
Q1626-03	**CO-32-1**	**TCLP**			**03/21/25**			**03/21/25**
			TCLP Pesticide	8081B		03/25/25	03/25/25	

SAMPLE DATA

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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:	Q1626-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015549.D	20	03/25/25 08:41	03/25/25 14:16	PB167294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	310000		8090	59700	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	1.24		37 - 130	124%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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SOIL TPH GC SURROGATE RECOVERY

Lab Name: Chemtech Client: Walsh Construction Company II, LLC

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

EPA SAMPLE NO.	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FG015541.D	101				0
PIBLK-FG015550.D	102				0
PB167294BL	92				0
PB167294BS	98				0
CO-32-1	124				0
CO-32-1MS	118				0
CO-32-1MSD	117				0

	QC LIMITS
TETRACOSANE-d50	For Water : 29-130 For Soil : 37-130

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate Diluted Out

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SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC

Lab Code: CHEM **Cas No:** Q1626 **SAS No :** Q1626 **SDG No:** Q1626

Client SampleID : CO-32-1MS **Datafile:** FG015547.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
Petroleum Hydrocarbons	11927	296000	253000	-361%	*	68-131

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SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC

Lab Code: CHEM **Cas No:** Q1626 **SAS No :** Q1626 **SDG No:** Q1626

Client SampleID : CO-32-1MSD **Datafile:** FG015548.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
Petroleum Hydrocarbons	11931	296000	252000	-368%	*	68-131

MS/MSD % Recovery RPD : 1.92

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SOIL TPH GC LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC

Lab Code: CHEM **Cas No:** Q1626 **SAS No :** Q1626 **SDG No:** Q1626

Matrix Spike - EPA Sample No : PB167294BS **Datafile:** FG015545.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
Petroleum Hydrocarbons	11322	0	9380	83	68-131

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4B

METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167294BL

Lab Name: CHEMTECH Contract: WALS01

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

Lab File ID: FG015544.D Lab Sample ID: PB167294BL

Instrument ID: FG Date Extracted: 03/25/2025

Matrix: (soil/water) Soil Date Analyzed: 03/25/25

Level: (low/med) low Time Analyzed: 11:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167294BS	PB167294BS	FG015545.D	03/25/25
CO-32-1MS	Q1626-01MS	FG015547.D	03/25/25
CO-32-1MSD	Q1626-01MSD	FG015548.D	03/25/25
CO-32-1	Q1626-01	FG015549.D	03/25/25

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167294BL	SDG No.:	Q1626
Lab Sample ID:	PB167294BL	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015544.D	1	03/25/25 08:41	03/25/25 11:49	PB167294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	384	U	384	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	18.4		37 - 130	92%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/25/25
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PIBLK-FG015541.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-FG015541.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015541.D	1		03/25/25	FG032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	20.3		29 - 130	101%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/25/25
Project:	Walsh CO-032 Sampling	Date Received:	03/25/25
Client Sample ID:	PIBLK-FG015550.D	SDG No.:	Q1626
Lab Sample ID:	I.BLK-FG015550.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015550.D	1		03/25/25	FG032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	20.4		29 - 130	102%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167294BS	SDG No.:	Q1626
Lab Sample ID:	PB167294BS	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015545.D	1	03/25/25 08:41	03/25/25 12:19	PB167294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	9380		384	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	19.6		37 - 130	98%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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-32-1MS	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MS	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015547.D	1	03/25/25 08:41	03/25/25 13:17	PB167294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	253000	E	404	2980	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	23.7		37 - 130	118%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

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-32-1MSD	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MSD	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	94.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015548.D	1	03/25/25 08:41	03/25/25 13:47	PB167294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	252000	E	404	2980	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	23.4		37 - 130	117%	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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: WALS01

ProjectID: Walsh CO-032 Sampling

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

Calibration Sequence : FG030325		Test : TPH GC	
Concentration (PPM)	**Area Count**	**Reference Factor**	**File ID**
1700	180093239	105937	FG015426.D
850	88070199	103612	FG015427.D
340	36924679	108602	FG015428.D
170	19919720	117175	FG015429.D
85	10372340	122028	FG015430.D

AVG RF : 111471 **% RSD : 7.015** **AVG RT : 15.0338**

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TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: WALS01

ProjectID: Walsh CO-032 Sampling

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

DataFile: FG015542.D Analyst Name: YP\AJ Analyst Date: 03-25-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	98564735	115959	111471	4.026

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TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: WALS01

ProjectID: Walsh CO-032 Sampling

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

DataFile: FG015551.D Analyst Name: YP\AJ Analyst Date: 03-25-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	98252995	115592	111471	3.697

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Analytical Sequence

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

Project: Walsh CO-032 Sampling **Instrument ID:** FID_G

GC Column: RXI-1MS **ID:** 0.18 **(mm)**

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

MEAN SUROGATE RT FROM INITIAL CALIBRATION **15.0338**

EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	I.BLK01	25 Mar 2025 09:47	FG015541.D	15.019	
50 PPM TRPH STD	50 PPM TRPH STD	25 Mar 2025 10:50	FG015542.D	15.022	
PB167294BL	PB167294BL	25 Mar 2025 11:49	FG015544.D	15.019	
PB167294BS	PB167294BS	25 Mar 2025 12:19	FG015545.D	15.018	
CO-32-1MS	Q1626-01MS	25 Mar 2025 13:17	FG015547.D	14.981	
CO-32-1MSD	Q1626-01MSD	25 Mar 2025 13:47	FG015548.D	14.989	
CO-32-1	Q1626-01	25 Mar 2025 14:16	FG015549.D	14.981	
PIBLK02	I.BLK02	25 Mar 2025 14:45	FG015550.D	15.029	
50 PPM TRPH STD	50 PPM TRPH STD	25 Mar 2025 15:15	FG015551.D	15.032	

 # Column used to flag RT values with an * values outside of QC limits

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	14.9338	15.1338

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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**	**Solid**			**03/21/25**			**03/21/25**
			EPH_NF	NJEPH		03/24/25	03/24/25	

SAMPLE DATA

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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:	Q1626-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/24/25 08:18	03/24/25 18:40	PB167270

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	20.8		1	1.24	2.11	mg/kg	FE052948.D
Aliphatic C9-C28	Aliphatic C9-C28	10.6		1	0.96	4.21	mg/kg	FE052948.D
Total AliphaticEPH	Total AliphaticEPH	31.4			2.20	6.32	mg/kg	
Total EPH	Total EPH	31.4			2.20	6.32	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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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:	Q1626-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052948.D	1	03/24/25	03/24/25	PB167270

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	10.6		0.96	4.21	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.8		1.24	2.11	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.9		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.1		40 - 140	54%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1626-01	Acq On:	24 Mar 2025 18:40
Client Sample ID:	CO-32-1	Operator:	YP\AJ
Data file:	FE052948.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.147	6.791	1743979	11.183	300	ug/ml
Aliphatic C12-C16	6.792	10.244	1462358	9.615	200	ug/ml
Aliphatic C16-C21	10.245	13.623	6290974	42.928	300	ug/ml
Aliphatic C21-C28	13.624	17.297	12474685	87.571	400	ug/ml
Aliphatic C28-C40	17.298	22.225	37674691	295.281	600	ug/ml
Aliphatic EPH	3.147	22.225	59646687	446.578		ug/ml
ortho-Terphenyl (SURR)	11.909	11.909	4564029	27.07		ug/ml
1-chlorooctadecane (SURR)	13.355	13.355	3629157	29.89		ug/ml
Aliphatic C9-C28	3.147	17.297	21971996	151.297	1200	ug/ml

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: WALS01

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

Run Number: FE032425AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB167270BL	76	75		0
PB167270BS	75	72		0
PB167270BSD	80	76		0
OK-01-03212025MS	63	61		0
OK-01-03212025MSD	63	60		0
CO-32-1	60	54		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOIL EPH SURROGATE RECOVERY

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC

Lab Code: CHEM **Cas No:** Q1626 **SAS No :** Q1626 **SDG No:** Q1626

Sample No : Q1624-01MS **Datafile:** FE052945.D

Client ID : OK-01-03212025MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	34.5	18.5	65.4	135		(40-140)
Aliphatic C9-C28	115.1	4.50	127	107		(40-140)

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC

Lab Code: CHEM **Cas No:** Q1626 **SAS No :** Q1626 **SDG No:** Q1626

Sample No : Q1624-01MSD **Datafile:** FE052946.D

Client ID : OK-01-03212025MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	34.5	18.5	67.3	141	*	4.35 |	(40-140)	25
Aliphatic C9-C28	115.1	4.50	127	106		0.5 |	(40-140)	25

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC

Lab Code: CHEM **Cas No:** Q1626 **SAS No :** Q1626 **SDG No:** Q1626

Sample No : PB167270BS **Datafile:** FE052941.D

Client ID : PB167270BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	38.4	128		(40-140)
Aliphatic C9-C28	99.9	105	106		(40-140)

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC

Lab Code: CHEM **Cas No:** Q1626 **SAS No :** Q1626 **SDG No:** Q1626

Sample No : PB167270BSD **Datafile:** FE052942.D

Client ID : PB167270BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	41.0	136		6.6|	(40-140)	50
Aliphatic C9-C28	100.1	111	112		6|	(40-140)	50

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4B

METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167270BL

Lab Name: CHEMTECH Contract: WALS01

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

Instrument ID: FID_E Lab Sample ID: PB167270BL

Matrix: (soil/water) Solid Date Extracted: 3/24/2025 8:18:00 A

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB167270BS	PB167270BS
PB167270BSD	PB167270BSD
OK-01-03212025MS	Q1624-01MS
OK-01-03212025MSD	Q1624-01MSD
CO-32-1	Q1626-01

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167270BL	SDG No.:	Q1626
Lab Sample ID:	PB167270BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/24/25 08:18	03/24/25 14:39	PB167270

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FE052940.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FE052940.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg	
Total EPH	Total EPH	2.09	U		2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167270BL	SDG No.:	Q1626
Lab Sample ID:	PB167270BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052940.D	1	03/24/25	03/24/25	PB167270

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.8		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.6		40 - 140	75%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167270BL	Acq On:	24 Mar 2025 14:39
Client Sample ID:	PB167270BL	Operator:	YP\AJ
Data file:	FE052940.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.147	6.791	0	0	300	ug/ml
Aliphatic C12-C16	6.792	10.244	0	0	200	ug/ml
Aliphatic C16-C21	10.245	13.623	0	0	300	ug/ml
Aliphatic C21-C28	13.624	17.297	0	0	400	ug/ml
Aliphatic C28-C40	17.298	22.225	0	0	600	ug/ml
Aliphatic EPH	3.147	22.225	0	0		ug/ml
ortho-Terphenyl (SURR)	11.914	11.914	6331950	37.56		ug/ml
1-chlorooctadecane (SURR)	13.359	13.359	4587997	37.78		ug/ml
Aliphatic C9-C28	3.147	17.297	0	0	1200	ug/ml

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167270BS	SDG No.:	Q1626
Lab Sample ID:	PB167270BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/24/25 08:18	03/24/25 15:09	PB167270

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	38.4		1	1.18	2.00	mg/kg	FE052941.D
Aliphatic C9-C28	Aliphatic C9-C28	106	E	1	0.91	3.99	mg/kg	FE052941.D
Total AliphaticEPH	Total AliphaticEPH	144			2.09	5.99	mg/kg	
Total EPH	Total EPH	144			2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167270BS	SDG No.:	Q1626
Lab Sample ID:	PB167270BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052941.D	1	03/24/25	03/24/25	PB167270

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		106	E	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		38.4		1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		37.4		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		36.0		40 - 140	72%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167270BS	Acq On:	24 Mar 2025 15:09
Client Sample ID:	PB167270BS	Operator:	YP\AJ
Data file:	FE052941.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.147	6.791	45561016	292.154	300	ug/ml
Aliphatic C12-C16	6.792	10.244	54772363	360.111	200	ug/ml
Aliphatic C16-C21	10.245	13.623	59246836	404.283	300	ug/ml
Aliphatic C21-C28	13.624	17.297	75193453	527.852	400	ug/ml
Aliphatic C28-C40	17.298	22.225	73477336	575.89	600	ug/ml
Aliphatic EPH	3.147	22.225	308251004	2160		ug/ml
ortho-Terphenyl (SURR)	11.912	11.912	6064108	35.97		ug/ml
1-chlorooctadecane (SURR)	13.356	13.356	4545093	37.43		ug/ml
Aliphatic C9-C28	3.147	17.297	234773668	1580	1200	ug/ml

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167270BSD	SDG No.:	Q1626
Lab Sample ID:	PB167270BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/24/25 08:18	03/24/25 15:39	PB167270

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	41.0	E	1	1.18	2.00	mg/kg	FE052942.D
Aliphatic C9-C28	Aliphatic C9-C28	112	E	1	0.91	4.00	mg/kg	FE052942.D
Total AliphaticEPH	Total AliphaticEPH	153			2.09	6.00	mg/kg	
Total EPH	Total EPH	153			2.09	6.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167270BSD	SDG No.:	Q1626
Lab Sample ID:	PB167270BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052942.D	1	03/24/25	03/24/25	PB167270

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	112	E	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	41.0	E	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.8		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.1		40 - 140	76%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167270BSD	Acq On:	24 Mar 2025 15:39
Client Sample ID:	PB167270BSD	Operator:	YP\AJ
Data file:	FE052942.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.147	6.791	48313321	309.803	300	ug/ml
Aliphatic C12-C16	6.792	10.244	58064498	381.756	200	ug/ml
Aliphatic C16-C21	10.245	13.623	62867169	428.987	300	ug/ml
Aliphatic C21-C28	13.624	17.297	79578487	558.634	400	ug/ml
Aliphatic C28-C40	17.298	22.225	78486772	615.153	600	ug/ml
Aliphatic EPH	3.147	22.225	327310247	2290		ug/ml
ortho-Terphenyl (SURR)	11.911	11.911	6427762	38.13		ug/ml
1-chlorooctadecane (SURR)	13.356	13.356	4830119	39.78		ug/ml
Aliphatic C9-C28	3.147	17.297	248823475	1680	1200	ug/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	OK-01-03212025MS	SDG No.:	Q1626
Lab Sample ID:	Q1624-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/24/25 08:18	03/24/25 17:10	PB167270

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	65.4	E	1	1.36	2.30	mg/kg	FE052945.D
Aliphatic C9-C28	Aliphatic C9-C28	128	E	1	1.05	4.60	mg/kg	FE052945.D
Total AliphaticEPH	Total AliphaticEPH	193			2.41	6.90	mg/kg	
Total EPH	Total EPH	193			2.41	6.90	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	OK-01-03212025MS	SDG No.:	Q1626
Lab Sample ID:	Q1624-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052945.D	1	03/24/25	03/24/25	PB167270

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		128	E	1.05	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		65.4	E	1.36	2.30	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		31.5		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		30.4		40 - 140	61%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1624-01MS	Acq On:	24 Mar 2025 17:10
Client Sample ID:	OK-01-03212025MS	Operator:	YP\AJ
Data file:	FE052945.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.147	6.791	41433179	265.685	300	ug/ml
Aliphatic C12-C16	6.792	10.244	57609087	378.762	200	ug/ml
Aliphatic C16-C21	10.245	13.623	64328168	438.956	300	ug/ml
Aliphatic C21-C28	13.624	17.297	82469834	578.931	400	ug/ml
Aliphatic C28-C40	17.298	22.225	108794246	852.692	600	ug/ml
Aliphatic EPH	3.147	22.225	354634514	2520		ug/ml
ortho-Terphenyl (SURR)	11.910	11.910	5126760	30.41		ug/ml
1-chlorooctadecane (SURR)	13.355	13.355	3828994	31.53		ug/ml
Aliphatic C9-C28	3.147	17.297	245840268	1660	1200	ug/ml

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	OK-01-03212025MSD	SDG No.:	Q1626
Lab Sample ID:	Q1624-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/24/25 08:18	03/24/25 17:40	PB167270

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	67.3	E	1	1.36	2.30	mg/kg	FE052946.D
Aliphatic C9-C28	Aliphatic C9-C28	127	E	1	1.04	4.60	mg/kg	FE052946.D
Total AliphaticEPH	Total AliphaticEPH	194			2.40	6.90	mg/kg	
Total EPH	Total EPH	194			2.40	6.90	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	OK-01-03212025MSD	SDG No.:	Q1626
Lab Sample ID:	Q1624-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052946.D	1	03/24/25	03/24/25	PB167270

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	127	E	1.04	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	67.3	E	1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.3		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.2		40 - 140	60%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1624-01MSD	Acq On:	24 Mar 2025 17:40
Client Sample ID:	OK-01-03212025MSD	Operator:	YP\AJ
Data file:	FE052946.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.147	6.791	41670820	267.209	300	ug/ml
Aliphatic C12-C16	6.792	10.244	57374078	377.217	200	ug/ml
Aliphatic C16-C21	10.245	13.623	63847550	435.676	300	ug/ml
Aliphatic C21-C28	13.624	17.297	82172464	576.844	400	ug/ml
Aliphatic C28-C40	17.298	22.225	112090329	878.526	600	ug/ml
Aliphatic EPH	3.147	22.225	357155241	2540		ug/ml
ortho-Terphenyl (SURR)	11.911	11.911	5088616	30.18		ug/ml
1-chlorooctadecane (SURR)	13.355	13.355	3801366	31.31		ug/ml
Aliphatic C9-C28	3.147	17.297	245064912	1660	1200	ug/ml

CALIBRATION SUMMARY

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Fax : 908 789 8922

Inital Calibration Report for SequenceID : FE030325AL

AreaCount

Parameter Range	FE052574.D	FE052575.D	FE052576.D	FE052577.D	FE052578.D	
Aliphatic C9-C12	42442133.000	21908913.000	9597805.000	4926333.000	2520517.000	
Aliphatic C12-C16	27580281.000	14251729.000	6250320.000	3204581.000	1635867.000	
Aliphatic C16-C21	39738338.000	20559097.000	9010211.000	4640638.000	2375408.000	
Aliphatic C21-C28	50608585.000	26547978.000	11639338.000	6148197.000	3076025.000	
Aliphatic C28-C40	66374736.000	34517397.000	15630021.000	8240673.000	4340048.000	
Aliphatic EPH	226744073.000	117785114.000	52127695.000	27160422.000	13947865.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	155948.4359996	7.435				
Aliphatic C12-C16	152098.489	7.415				
Aliphatic C16-C21	146548.0846662	7.685				
Aliphatic C21-C28	142451.8505	8.689				
Aliphatic C28-C40	127589.1083332	11.35				
Aliphatic EPH	141501.5884438	8.903				

Concentration

Parameter Range	FE052574.D	FE052575.D	FE052576.D	FE052577.D	FE052578.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE052574.D	FE052575.D	FE052576.D	FE052577.D	FE052578.D	
Aliphatic C9-C12	141473.776666	146059.420000	159963.416666	164211.100000	168034.466666	
Aliphatic C12-C16	137901.405000	142517.290000	156258.000000	160229.050000	163586.700000	
Aliphatic C16-C21	132461.126666	137060.646666	150170.183333	154687.933333	158360.533333	

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Inital Calibration Report for SequenceID : FE030325AL

Aliphatic C21-C28	126521.462500	132739.890000	145491.725000	153704.925000	153801.250000	
Aliphatic C28-C40	110624.560000	115057.990000	130250.175000	137344.550000	144668.266666	
Aliphatic EPH	125968.929444	130872.348888	144799.152777	150891.233333	154976.277777	

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052574.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 11:03
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

A B C D E F

Integration File: autoint1.e
Quant Time: Mar 03 12:35:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 12:32:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.921	15249190	93.747 ug/ml
Spiked Amount	50.000		Recovery =	187.49%
12) S	1-chlorooctadecane (S...	13.362	11123183	94.425 ug/ml
Spiked Amount	50.000		Recovery =	188.85%
	Target Compounds			
1) T	n-Nonane (C9)	3.257	14069581	93.932 ug/ml
2) T	n-Decane (C10)	4.520	14244956	93.842 ug/ml
3) T	A~Naphthalene (C11.7)	6.234	15515805	94.126 ug/ml
4) T	n-Dodecane (C12)	6.701	14127596	93.824 ug/ml
5) T	A~2-methylnaphthalene...	7.337	14872839	94.265 ug/ml
6) T	n-Tetradecane (C14)	8.538	13725919	93.771 ug/ml
7) T	n-Hexadecane (C16)	10.153	13854362	93.748 ug/ml
8) T	n-Octadecane (C18)	11.603	13752507	93.737 ug/ml
10) T	n-Eicosane (C20)	12.917	13115140	93.713 ug/ml
11) T	n-Heneicosane (C21)	13.531	12870691	93.753 ug/ml
13) T	n-Docosane (C22)	14.119	12800111	93.460 ug/ml
14) T	n-Tetracosane (C24)	15.226	12766560	93.227 ug/ml
15) T	n-Hexacosane (C26)	16.249	12617268	93.065 ug/ml
16) T	n-Octacosane (C28)	17.201	12424646	92.341 ug/ml
17) T	n-Tricontane (C30)	18.092	12609210	91.462 ug/ml
18) T	n-Dotriacontane (C32)	18.928	12252844	90.798 ug/ml
19) T	n-Tetratriacontane (C34)	19.714	11540152	91.301 ug/ml
20) T	n-Hexatriacontane (C36)	20.455	10354123	91.810 ug/ml
21) T	n-Octatriacontane (C38)	21.198	9888606	92.810 ug/ml
22) T	n-Tetracontane (C40)	22.124	9729801	93.471 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

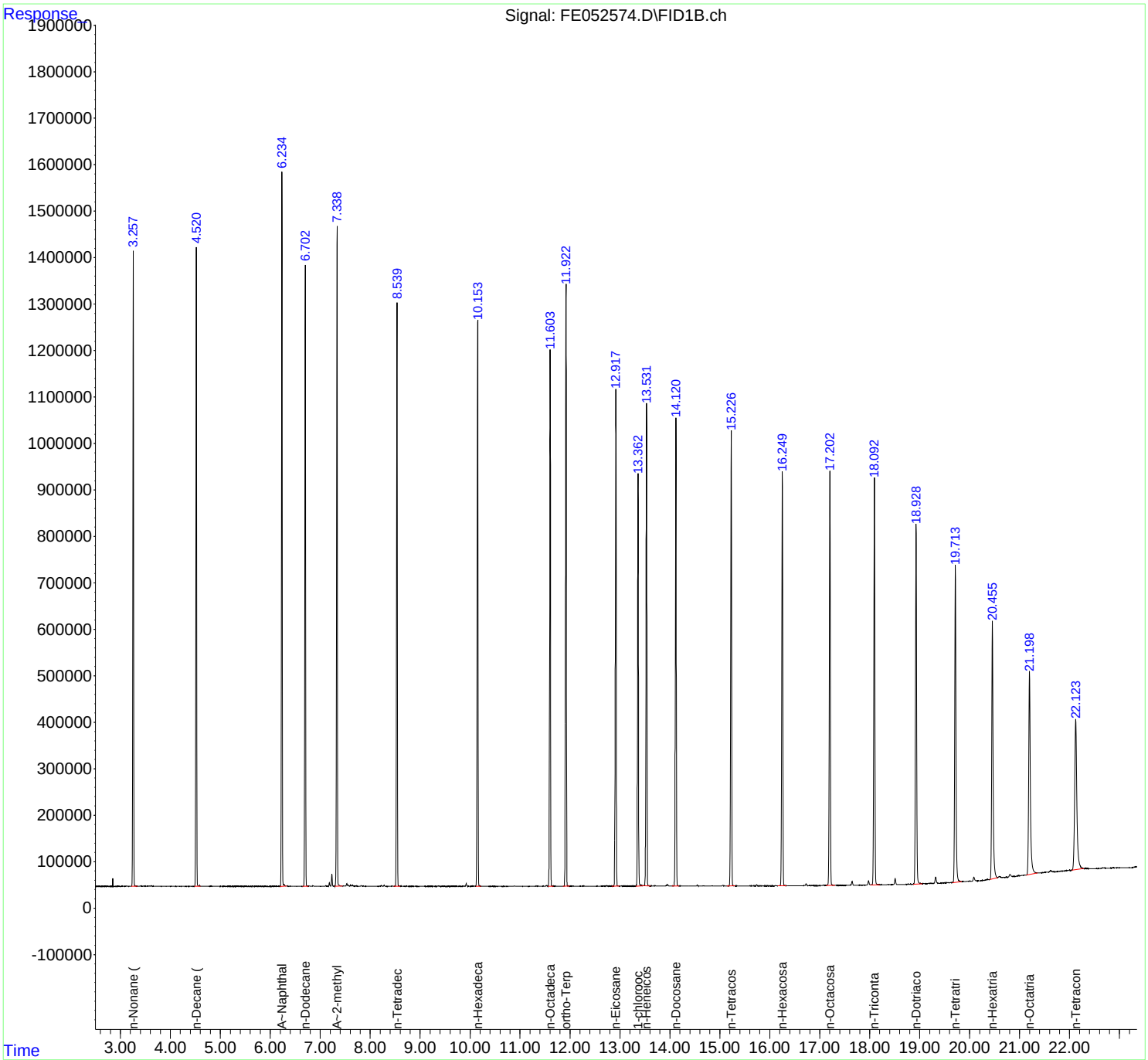
Quantitation Report (QT Reviewed)

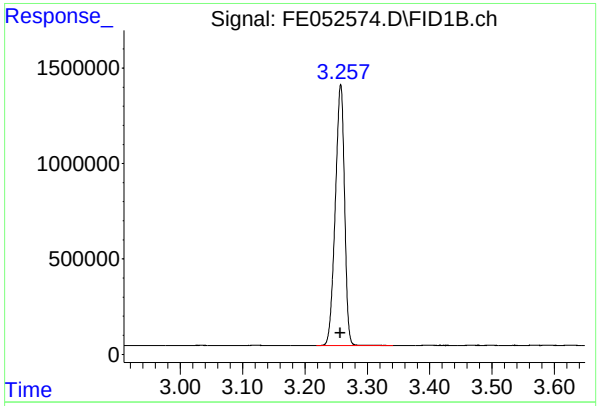
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052574.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 11:03
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Mar 03 12:35:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 12:32:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

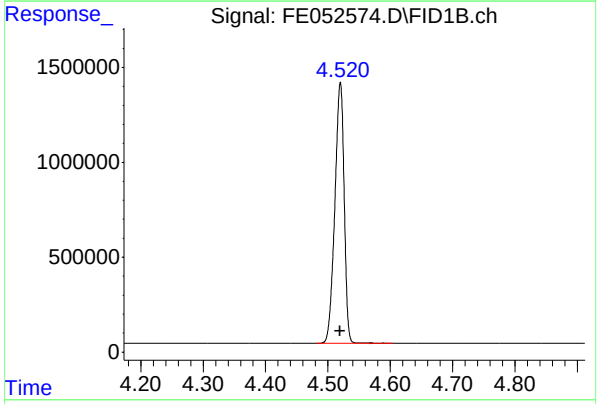




#1 n-Nonane (C9)

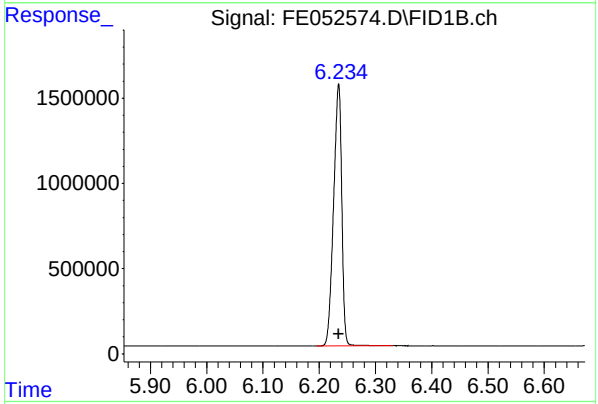
R.T.: 3.257 min
Delta R.T.: 0.000 min
Response: 14069581
Conc: 93.93 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



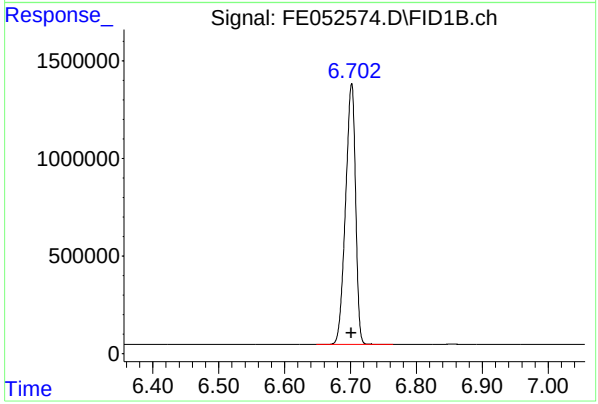
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 14244956
Conc: 93.84 ug/ml



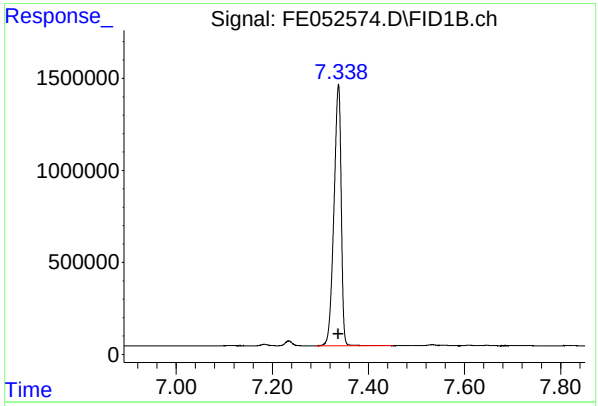
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 15515805
Conc: 94.13 ug/ml



#4 n-Dodecane (C12)

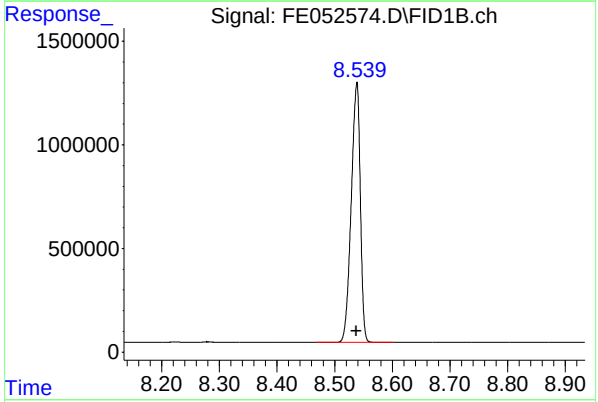
R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 14127596
Conc: 93.82 ug/ml



#5 A~2-methylnaphthalene (C12.89)

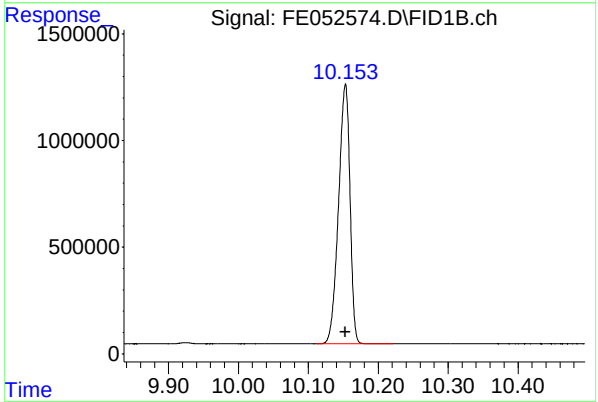
R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 14872839
Conc: 94.27 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



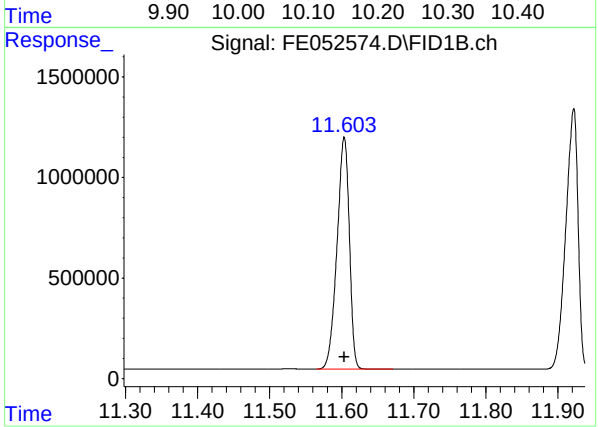
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 13725919
Conc: 93.77 ug/ml



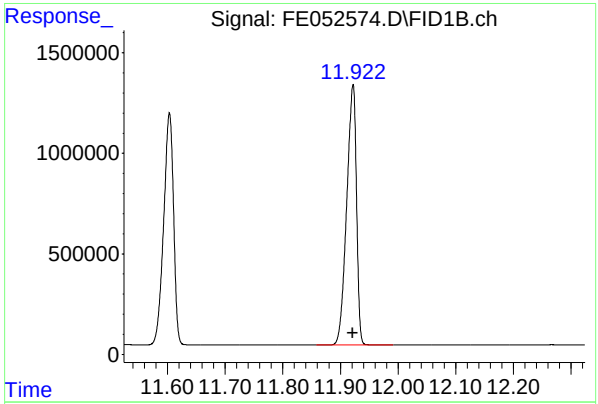
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: 0.000 min
Response: 13854362
Conc: 93.75 ug/ml



#8 n-Octadecane (C18)

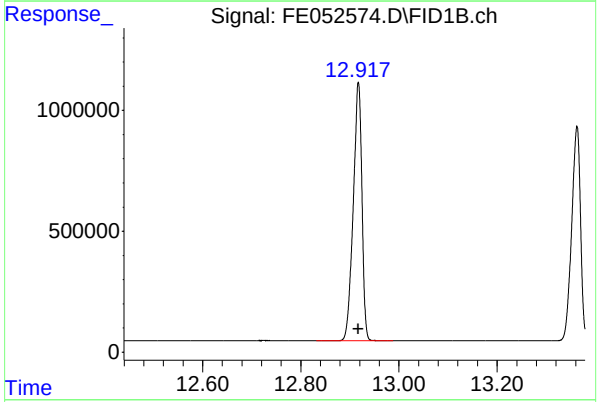
R.T.: 11.603 min
Delta R.T.: 0.000 min
Response: 13752507
Conc: 93.74 ug/ml



#9 ortho-Terphenyl (SURR)

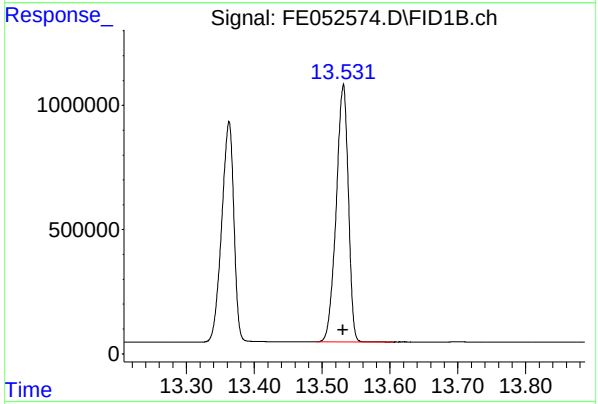
R.T.: 11.921 min
Delta R.T.: 0.000 min
Response: 15249190
Conc: 93.75 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



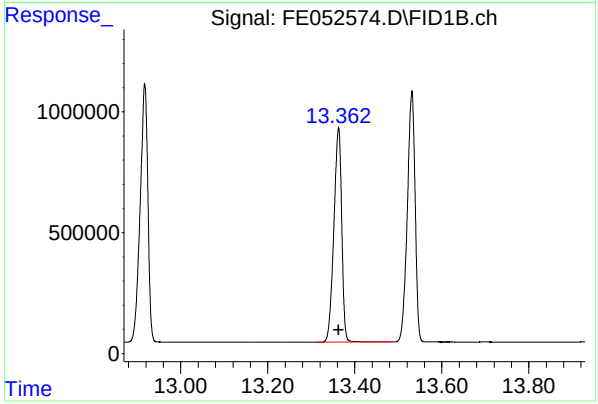
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 13115140
Conc: 93.71 ug/ml



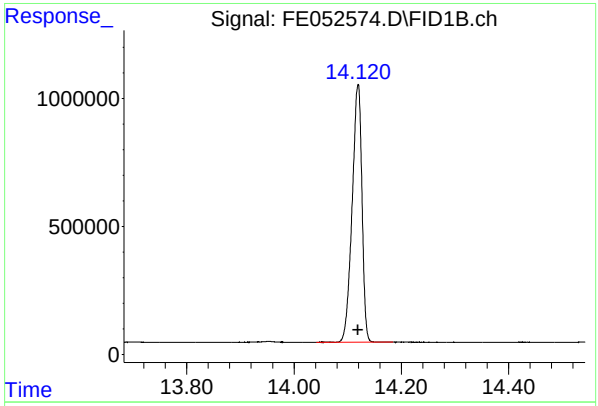
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 12870691
Conc: 93.75 ug/ml



#12 1-chlorooctadecane (SURR)

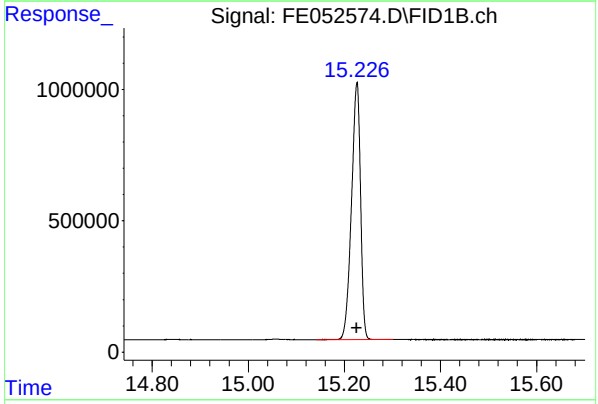
R.T.: 13.362 min
Delta R.T.: 0.000 min
Response: 11123183
Conc: 94.43 ug/ml



#13 n-Docosane (C22)

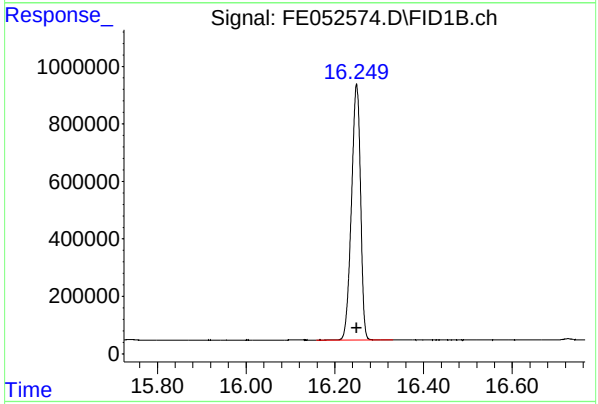
R.T.: 14.119 min
Delta R.T.: 0.000 min
Response: 12800111
Conc: 93.46 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



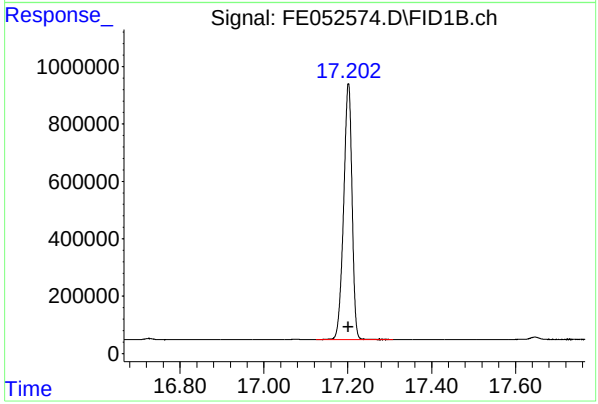
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 12766560
Conc: 93.23 ug/ml



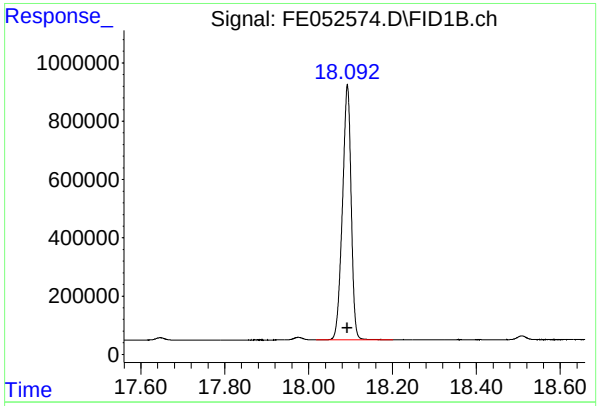
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.000 min
Response: 12617268
Conc: 93.06 ug/ml



#16 n-Octacosane (C28)

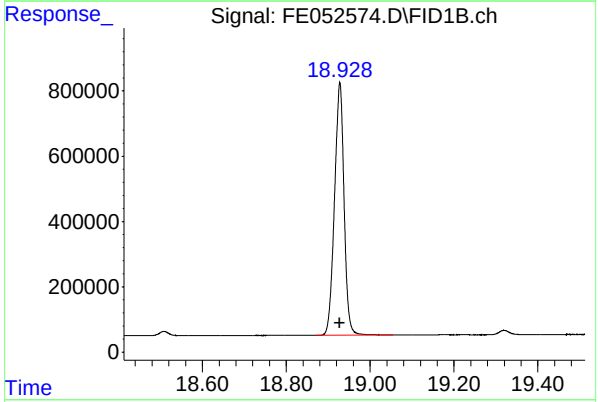
R.T.: 17.201 min
Delta R.T.: 0.000 min
Response: 12424646
Conc: 92.34 ug/ml



#17 n-Tricontane (C30)

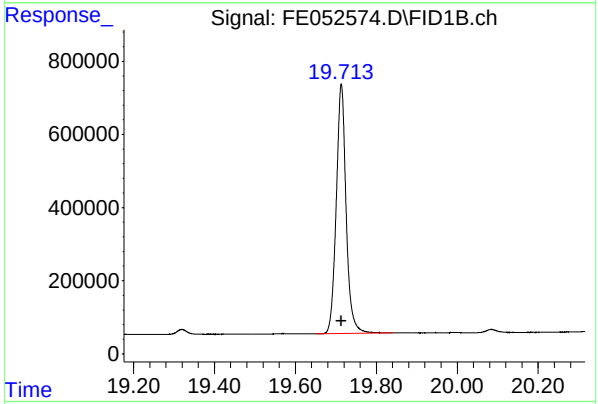
R.T.: 18.092 min
Delta R.T.: 0.000 min
Response: 12609210
Conc: 91.46 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



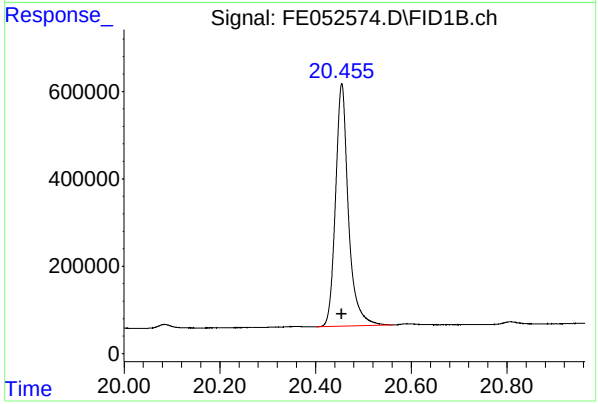
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: 0.000 min
Response: 12252844
Conc: 90.80 ug/ml



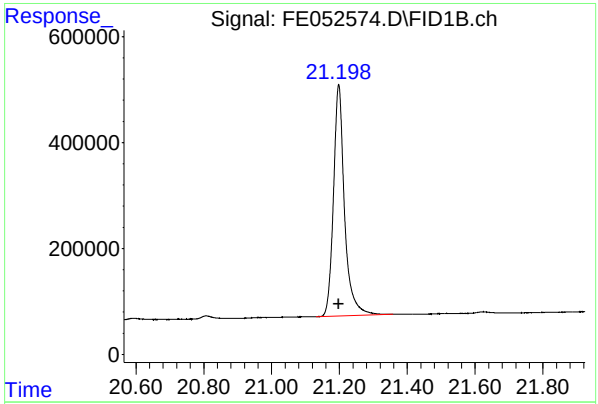
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: 0.000 min
Response: 11540152
Conc: 91.30 ug/ml



#20 n-Hexatriacontane (C36)

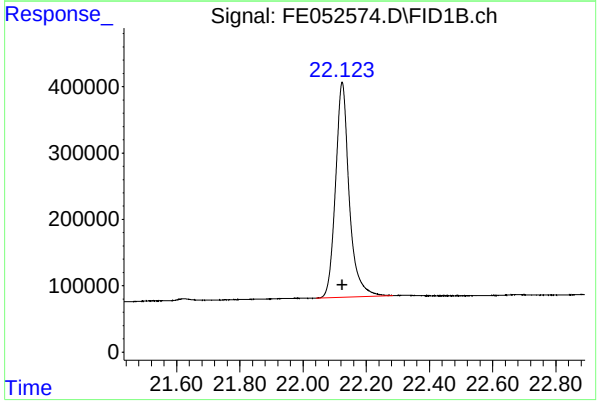
R.T.: 20.455 min
Delta R.T.: 0.000 min
Response: 10354123
Conc: 91.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: 0.000 min
Response: 9888606
Conc: 92.81 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: 0.000 min
Response: 9729801
Conc: 93.47 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052574.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 11:03
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.257	3.218	3.341	BB	1376737	14069581	90.68%	4.963%
2	4.520	4.481	4.604	BB	1385573	14244956	91.81%	5.025%
3	6.234	6.194	6.331	BB	1543497	15515805	100.00%	5.473%
4	6.701	6.648	6.764	BB	1337401	14127596	91.05%	4.983%
5	7.337	7.291	7.451	PB	1429684	14872839	95.86%	5.246%
6	8.538	8.468	8.601	BB	1246041	13725919	88.46%	4.842%
7	10.153	10.111	10.221	BB	1228361	13854362	89.29%	4.887%
8	11.603	11.564	11.671	BB	1158280	13752507	88.64%	4.851%
9	11.921	11.858	11.991	BB	1294746	15249190	98.28%	5.379%
10	12.917	12.831	12.988	BB	1073457	13115140	84.53%	4.626%
11	13.362	13.311	13.488	BB	878519	11123183	71.69%	3.923%
12	13.531	13.491	13.604	BB	1034118	12870691	82.95%	4.540%
13	14.119	14.041	14.184	BB	1007279	12800111	82.50%	4.515%
14	15.226	15.141	15.301	BB	971384	12766560	82.28%	4.503%
15	16.249	16.158	16.331	BB	889127	12617268	81.32%	4.450%
16	17.201	17.124	17.308	BB	895534	12424646	80.08%	4.383%
17	18.092	18.018	18.201	VB	871317	12609210	81.27%	4.448%
18	18.928	18.871	19.054	BB	775818	12252844	78.97%	4.322%
19	19.714	19.651	19.841	BV	682323	11540152	74.38%	4.071%
20	20.455	20.401	20.562	BV	555199	10354123	66.73%	3.652%
21	21.198	21.131	21.358	BB	437475	9888606	63.73%	3.488%
22	22.124	22.041	22.284	BV	324105	9729801	62.71%	3.432%
			Sum of corrected areas:			283505085		

Aliphatic EPH 030325.M Tue Mar 04 04:13:47 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052575.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 11:34
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

A B C D E F

Integration File: autoint1.e
Quant Time: Mar 03 12:40:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 12:40:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.915	7890446	48.995 ug/ml
Spiked Amount	50.000		Recovery =	97.99%
12) S	1-chlorooctadecane (S...	13.358	5721300	49.036 ug/ml
Spiked Amount	50.000		Recovery =	98.07%
	Target Compounds			
1) T	n-Nonane (C9)	3.254	7262625	48.981 ug/ml
2) T	n-Decane (C10)	4.517	7350604	48.938 ug/ml
3) T	A~Naphthalene (C11.7)	6.230	8003588	49.026 ug/ml
4) T	n-Dodecane (C12)	6.698	7295684	48.957 ug/ml
5) T	A~2-methylnaphthalene...	7.333	7667442	49.056 ug/ml
6) T	n-Tetradecane (C14)	8.535	7087970	48.937 ug/ml
7) T	n-Hexadecane (C16)	10.150	7163759	48.973 ug/ml
8) T	n-Octadecane (C18)	11.599	7114585	48.985 ug/ml
10) T	n-Eicosane (C20)	12.913	6790047	49.002 ug/ml
11) T	n-Heneicosane (C21)	13.527	6654465	48.971 ug/ml
13) T	n-Docosane (C22)	14.115	6651959	49.037 ug/ml
14) T	n-Tetracosane (C24)	15.221	6697431	49.266 ug/ml
15) T	n-Hexacosane (C26)	16.246	6641490	49.320 ug/ml
16) T	n-Octacosane (C28)	17.198	6557098	49.148 ug/ml
17) T	n-Tricontane (C30)	18.088	6637939	48.751 ug/ml
18) T	n-Dotriacontane (C32)	18.923	6417064	48.341 ug/ml
19) T	n-Tetratriacontane (C34)	19.709	5988221	48.220 ug/ml
20) T	n-Hexatriacontane (C36)	20.451	5353171	48.282 ug/ml
21) T	n-Octatriacontane (C38)	21.193	5101404	48.566 ug/ml
22) T	n-Tetracontane (C40)	22.116	5019598	48.800 ug/ml

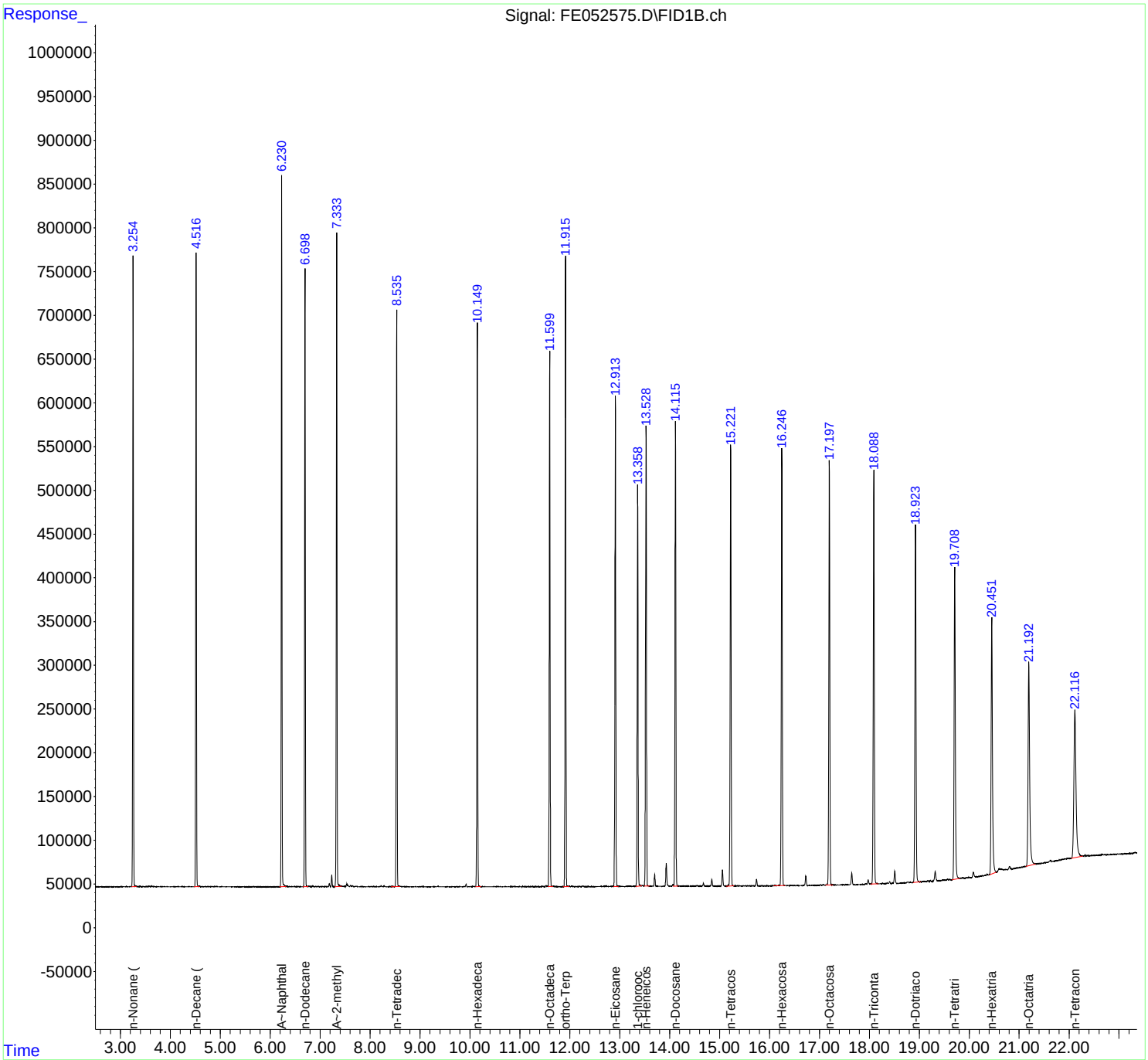
(f)=RT Delta > 1/2 Window (m)=manual int.

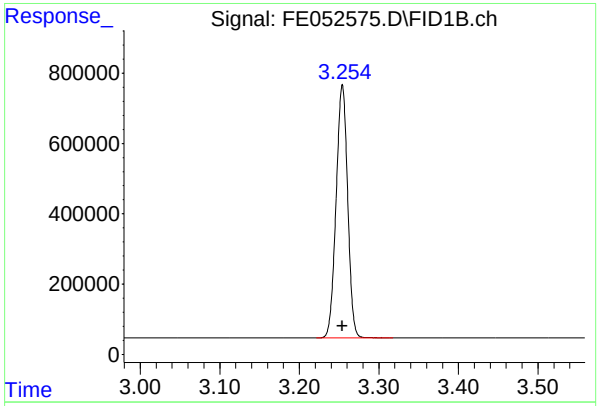
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052575.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 11:34
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Mar 03 12:40:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 12:40:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

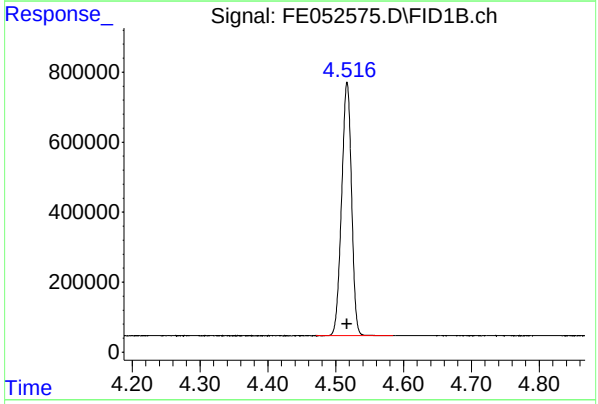




#1 n-Nonane (C9)

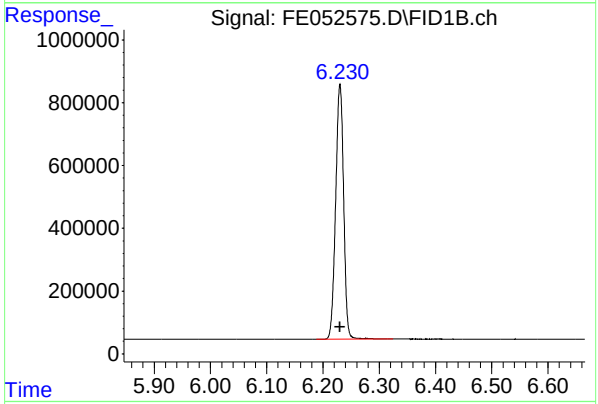
R.T.: 3.254 min
Delta R.T.: 0.000 min
Response: 7262625
Conc: 48.98 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



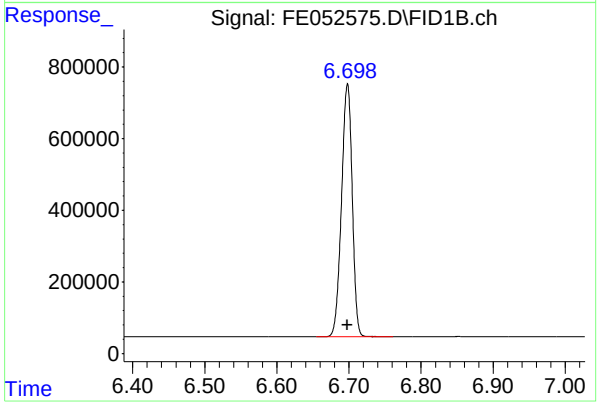
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 7350604
Conc: 48.94 ug/ml



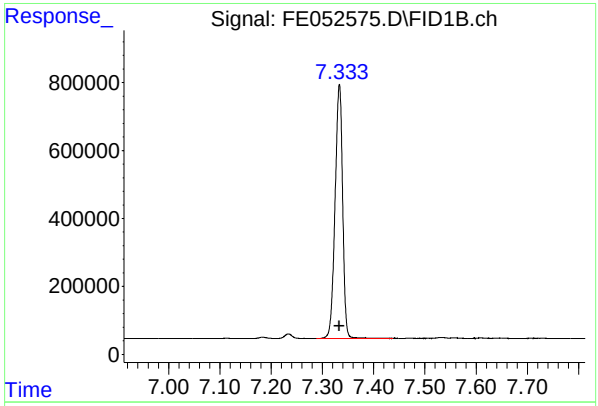
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 8003588
Conc: 49.03 ug/ml



#4 n-Dodecane (C12)

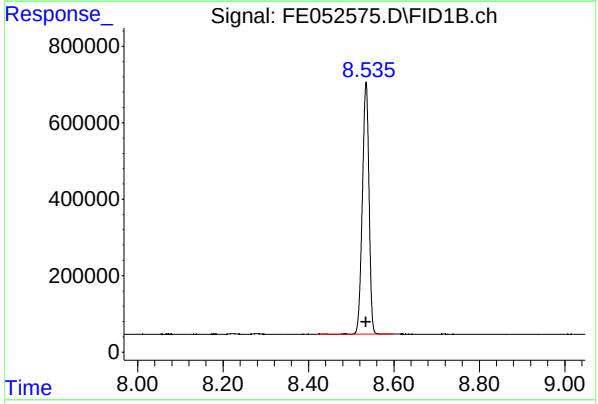
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 7295684
Conc: 48.96 ug/ml



#5 A~2-methylnaphthalene (C12.89)

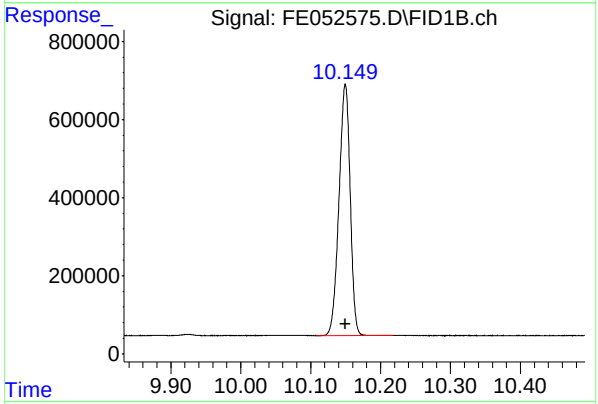
R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 7667442
Conc: 49.06 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



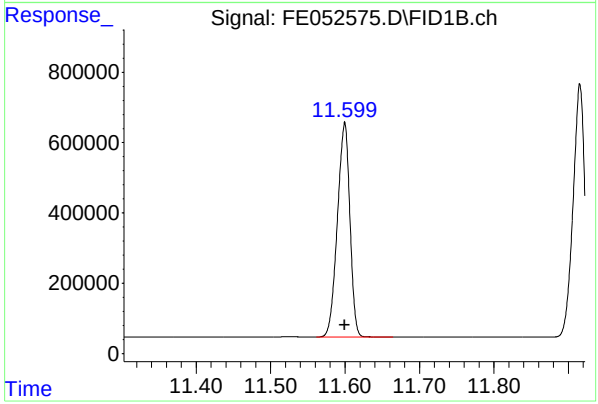
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 7087970
Conc: 48.94 ug/ml



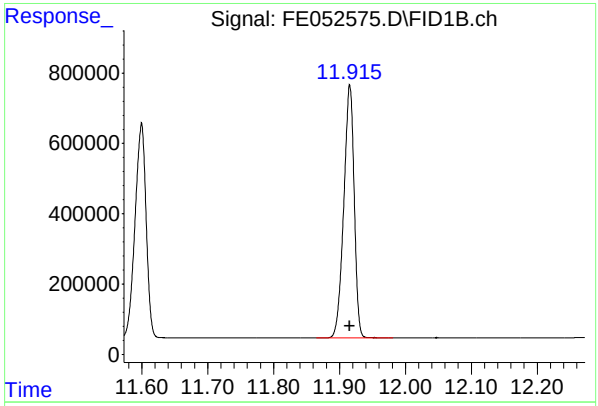
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: 0.000 min
Response: 7163759
Conc: 48.97 ug/ml



#8 n-Octadecane (C18)

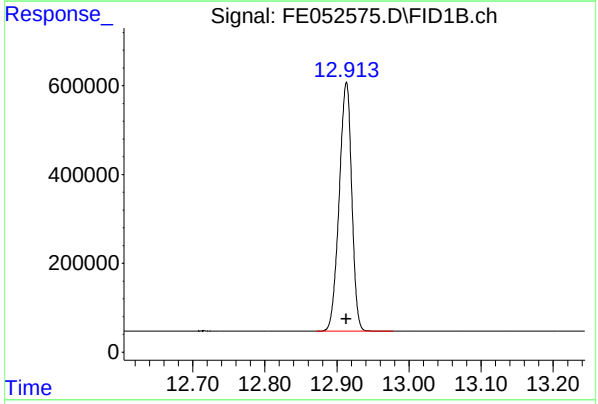
R.T.: 11.599 min
Delta R.T.: 0.000 min
Response: 7114585
Conc: 48.99 ug/ml



#9 ortho-Terphenyl (SURR)

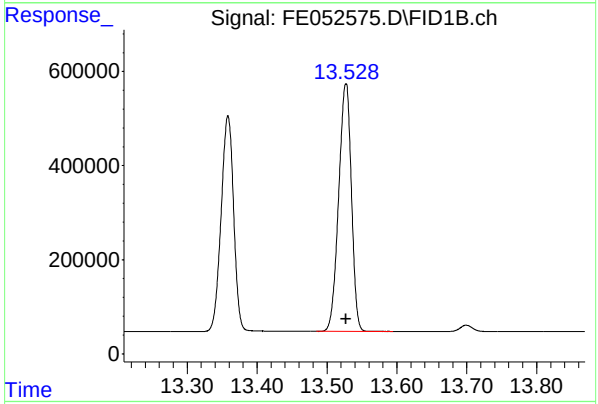
R.T.: 11.915 min
Delta R.T.: 0.000 min
Response: 7890446
Conc: 49.00 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



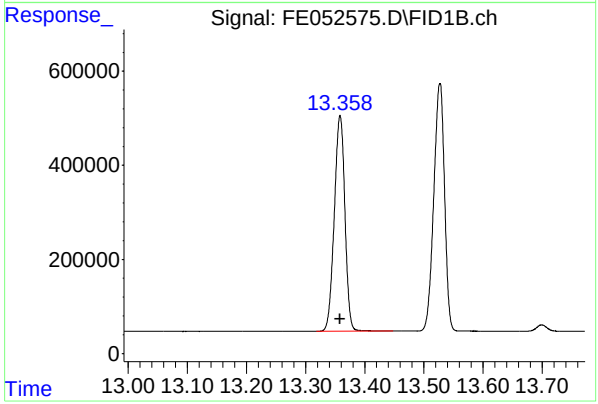
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: 0.000 min
Response: 6790047
Conc: 49.00 ug/ml



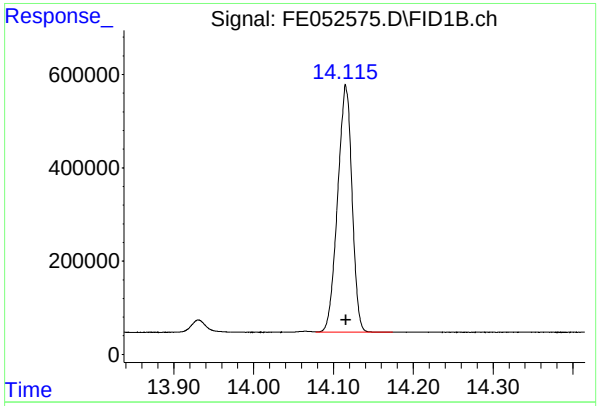
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: 0.000 min
Response: 6654465
Conc: 48.97 ug/ml



#12 1-chlorooctadecane (SURR)

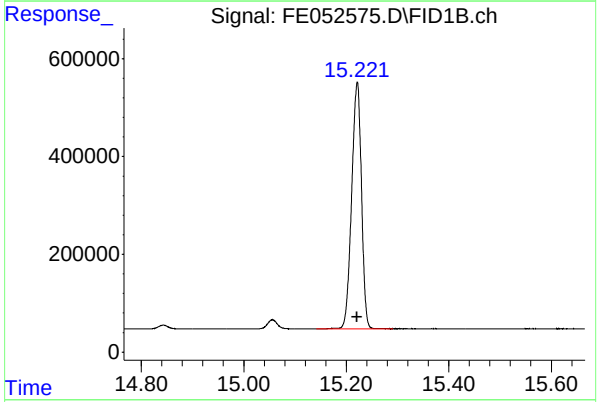
R.T.: 13.358 min
Delta R.T.: 0.000 min
Response: 5721300
Conc: 49.04 ug/ml



#13 n-Docosane (C22)

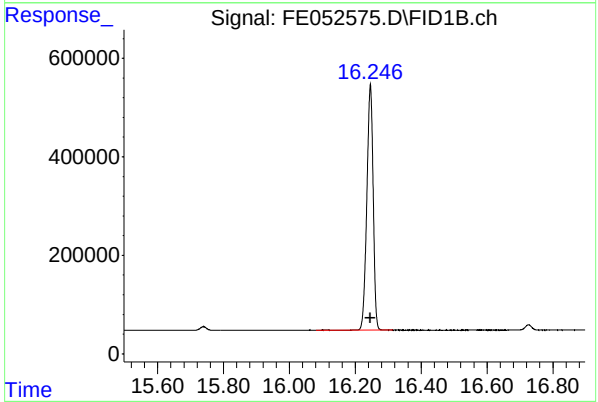
R.T.: 14.115 min
Delta R.T.: 0.000 min
Response: 6651959
Conc: 49.04 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



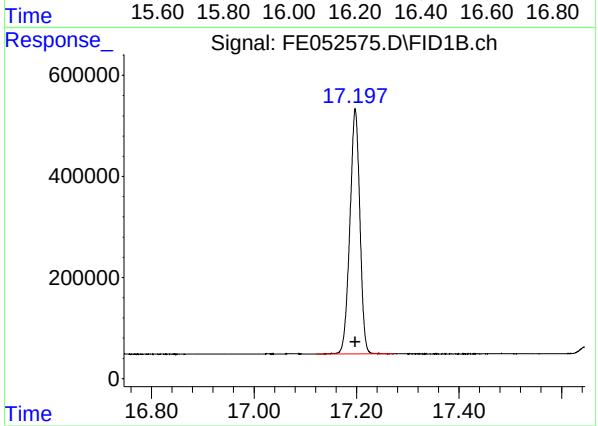
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: 0.000 min
Response: 6697431
Conc: 49.27 ug/ml



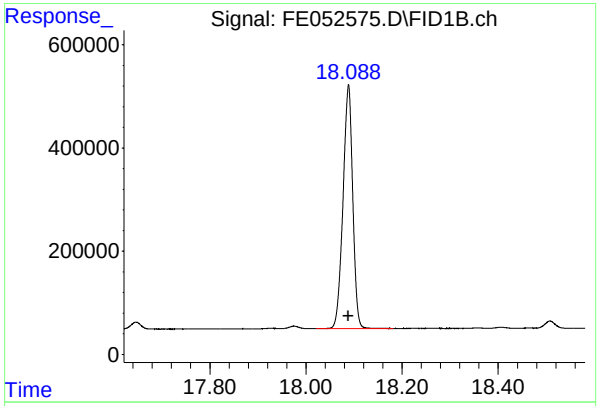
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: 0.000 min
Response: 6641490
Conc: 49.32 ug/ml



#16 n-Octacosane (C28)

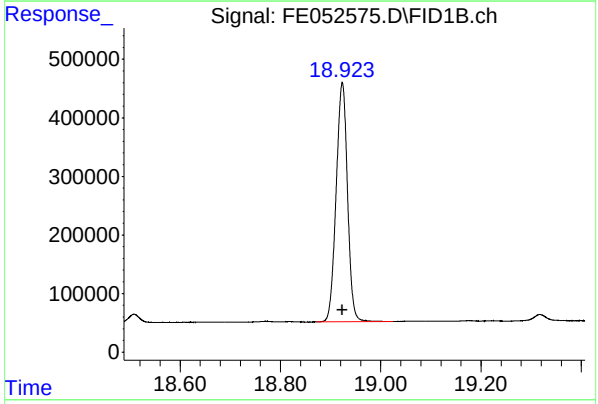
R.T.: 17.198 min
Delta R.T.: 0.000 min
Response: 6557098
Conc: 49.15 ug/ml



#17 n-Tricontane (C30)

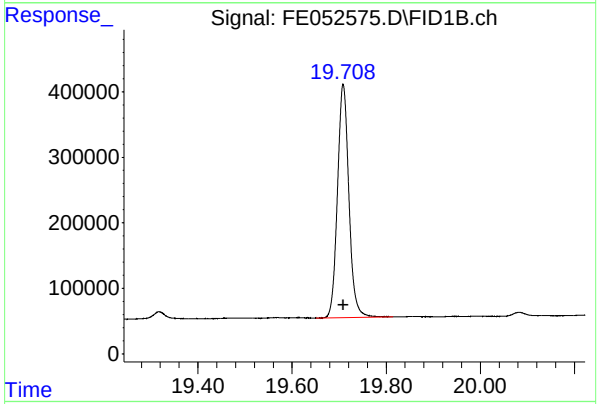
R.T.: 18.088 min
Delta R.T.: 0.000 min
Response: 6637939
Conc: 48.75 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



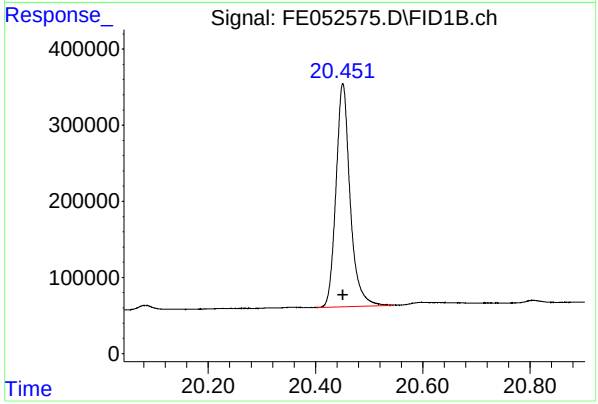
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.000 min
Response: 6417064
Conc: 48.34 ug/ml



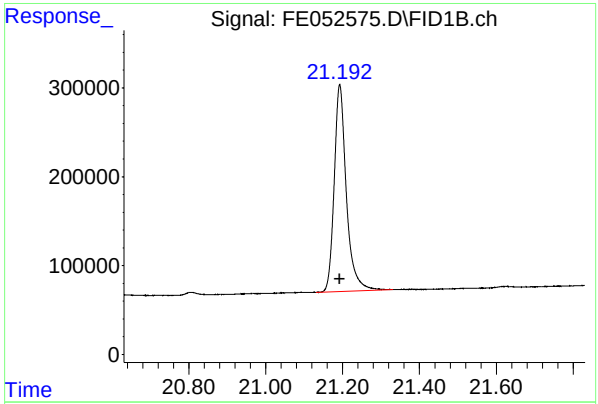
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: 0.000 min
Response: 5988221
Conc: 48.22 ug/ml



#20 n-Hexatriacontane (C36)

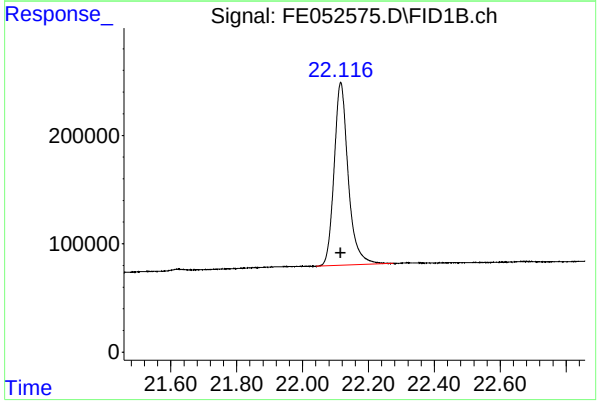
R.T.: 20.451 min
Delta R.T.: 0.000 min
Response: 5353171
Conc: 48.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: 0.000 mi
Response: 5101404
Conc: 48.57 ug/m

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: 0.000 min
Response: 5019598
Conc: 48.80 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052575.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 11:34
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.254	3.221	3.318	BB	720805	7262625	90.74%	4.938%
2	4.517	4.471	4.584	BB	725655	7350604	91.84%	4.998%
3	6.230	6.188	6.324	BB	812229	8003588	100.00%	5.442%
4	6.698	6.654	6.761	BB	705384	7295684	91.16%	4.961%
5	7.333	7.288	7.438	PB	756176	7667442	95.80%	5.214%
6	8.535	8.418	8.598	BB	657816	7087970	88.56%	4.820%
7	10.150	10.108	10.218	BB	647411	7163759	89.51%	4.871%
8	11.599	11.561	11.664	BB	599043	7114585	88.89%	4.838%
9	11.915	11.864	11.981	BB	717321	7890446	98.59%	5.365%
10	12.913	12.871	12.978	BB	565753	6790047	84.84%	4.617%
11	13.358	13.318	13.448	BB	458678	5721300	71.48%	3.890%
12	13.527	13.484	13.594	BB	530789	6654465	83.14%	4.525%
13	14.115	14.078	14.174	VB	526625	6651959	83.11%	4.523%
14	15.221	15.141	15.291	BB	504373	6697431	83.68%	4.554%
15	16.246	16.081	16.314	BB	495717	6641490	82.98%	4.516%
16	17.198	17.121	17.271	BB	483594	6557098	81.93%	4.459%
17	18.088	18.021	18.181	BB	469897	6637939	82.94%	4.514%
18	18.923	18.871	19.024	BB	409189	6417064	80.18%	4.363%
19	19.709	19.651	19.814	BB	357009	5988221	74.82%	4.072%
20	20.451	20.401	20.544	BV	293191	5353171	66.88%	3.640%
21	21.193	21.131	21.331	BB	232996	5101404	63.74%	3.469%
22	22.116	22.041	22.274	BV	168917	5019598	62.72%	3.413%
			Sum of corrected areas:			147067888		

Aliphatic EPH 030325.M Tue Mar 04 04:14:28 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052576.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 12:04
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

A B C D E F

Integration File: autoint1.e
Quant Time: Mar 03 12:32:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 12:32:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.910	3456693	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
12) S	1-chlorooctadecane (S...	13.355	2487317	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
	Target Compounds			
1) T	n-Nonane (C9)	3.253	3177459	20.000 ug/ml
2) T	n-Decane (C10)	4.514	3222867	20.000 ug/ml
3) T	A~Naphthalene (C11.7)	6.228	3490467	20.000 ug/ml
4) T	n-Dodecane (C12)	6.696	3197479	20.000 ug/ml
5) T	A~2-methylnaphthalene...	7.330	3336499	20.000 ug/ml
6) T	n-Tetradecane (C14)	8.531	3109866	20.000 ug/ml
7) T	n-Hexadecane (C16)	10.146	3140454	20.000 ug/ml
8) T	n-Octadecane (C18)	11.595	3118030	20.000 ug/ml
10) T	n-Eicosane (C20)	12.909	2974997	20.000 ug/ml
11) T	n-Heneicosane (C21)	13.523	2917184	20.000 ug/ml
13) T	n-Docosane (C22)	14.111	2918322	20.000 ug/ml
14) T	n-Tetracosane (C24)	15.217	2924292	20.000 ug/ml
15) T	n-Hexacosane (C26)	16.242	2899563	20.000 ug/ml
16) T	n-Octacosane (C28)	17.194	2897161	20.000 ug/ml
17) T	n-Tricontane (C30)	18.085	2992644	20.000 ug/ml
18) T	n-Dotriacontane (C32)	18.920	2947304	20.000 ug/ml
19) T	n-Tetratriacontane (C34)	19.706	2747820	20.000 ug/ml
20) T	n-Hexatriacontane (C36)	20.448	2440276	20.000 ug/ml
21) T	n-Octatriacontane (C38)	21.189	2284145	20.000 ug/ml
22) T	n-Tetracontane (C40)	22.109	2217832	20.000 ug/ml

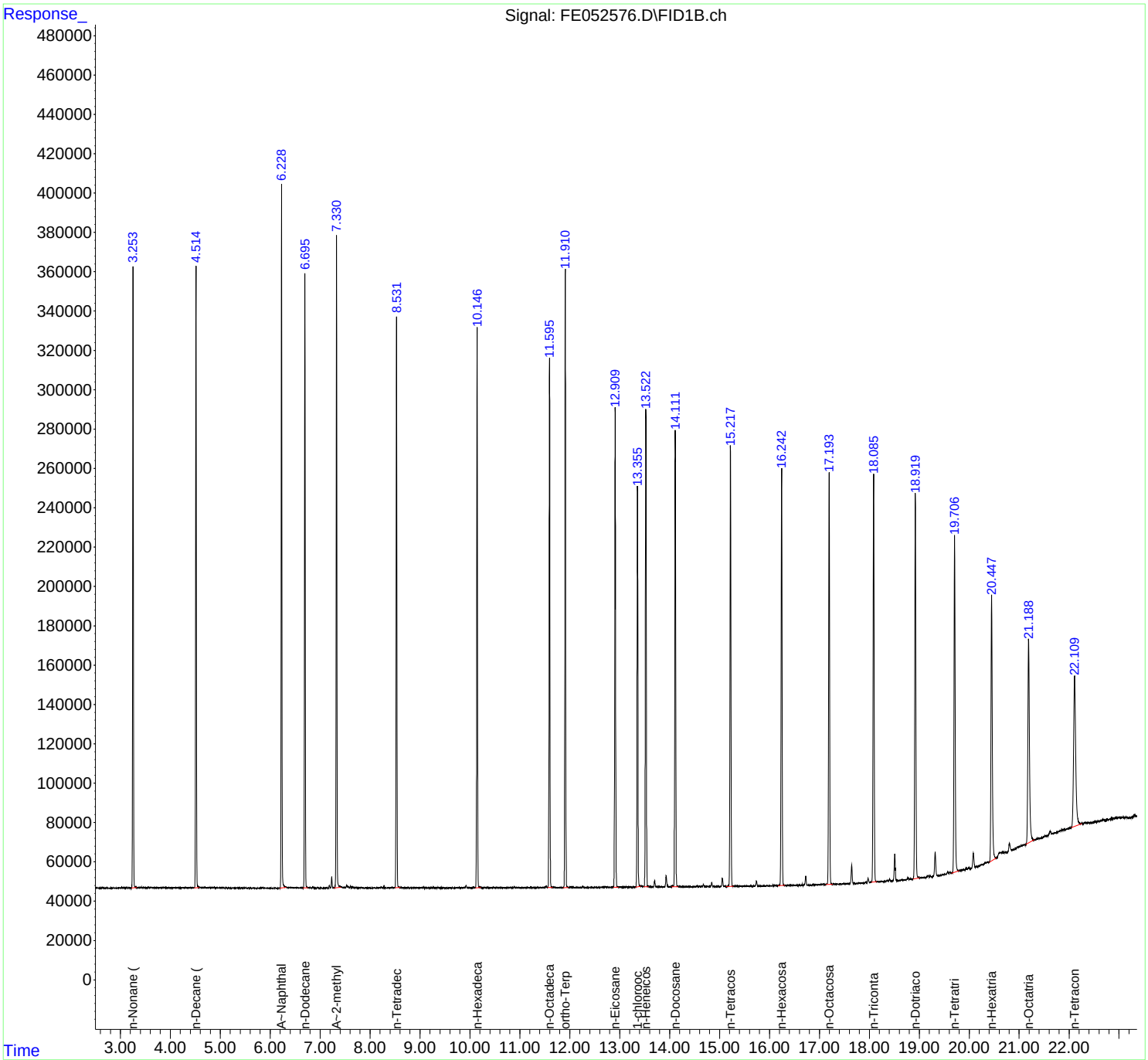
(f)=RT Delta > 1/2 Window (m)=manual int.

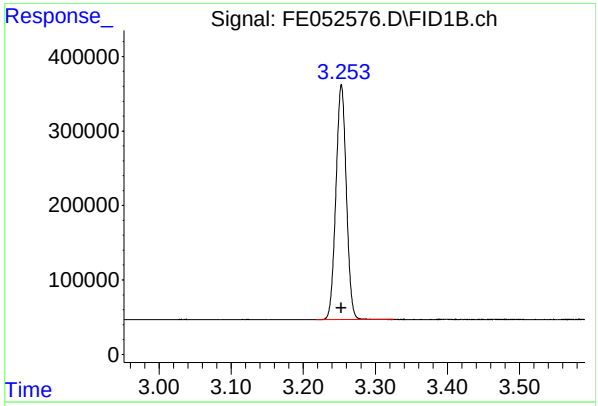
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052576.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 12:04
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Mar 03 12:32:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 12:32:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

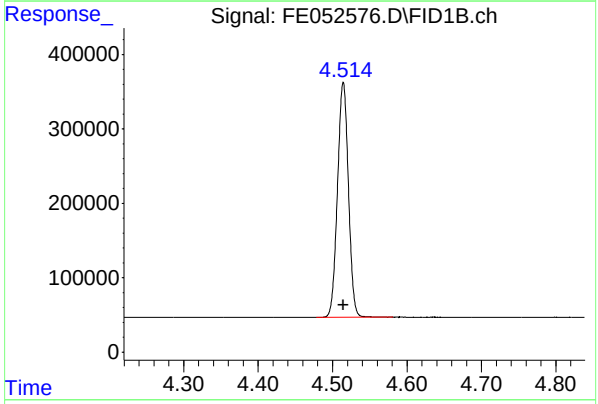




#1 n-Nonane (C9)

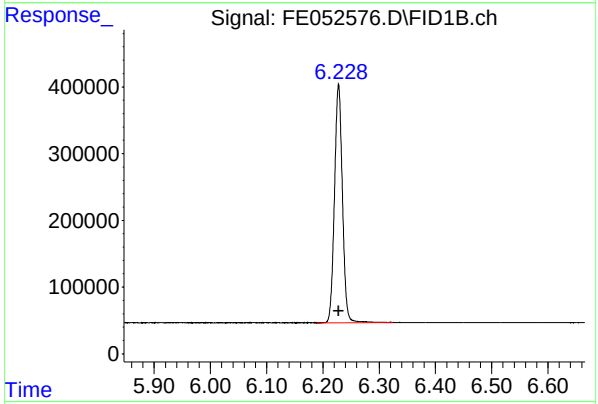
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 3177459
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



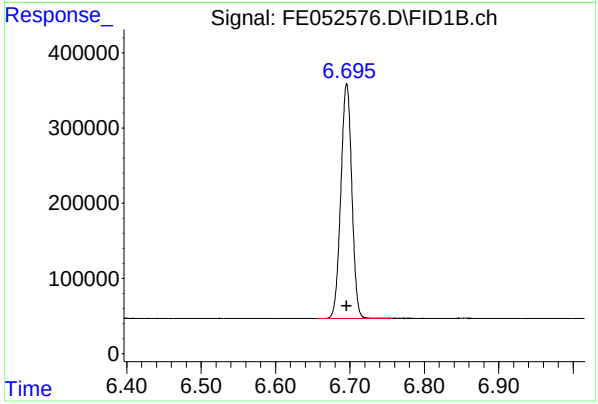
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 3222867
Conc: 20.00 ug/ml



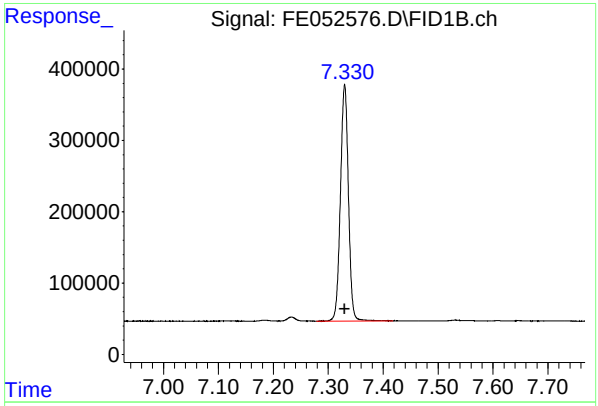
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 3490467
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

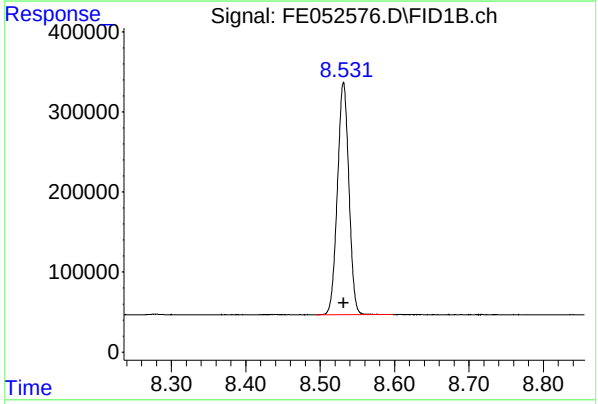
R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 3197479
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

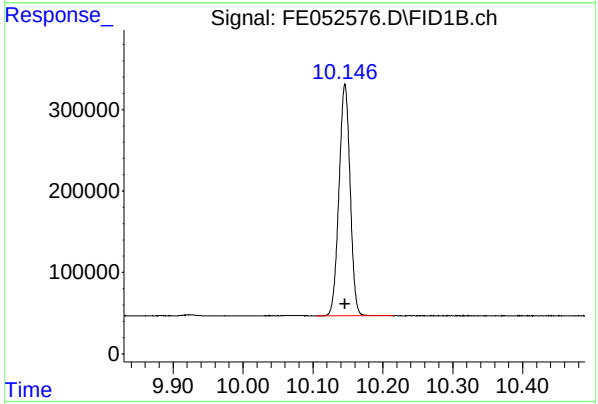
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 3336499
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



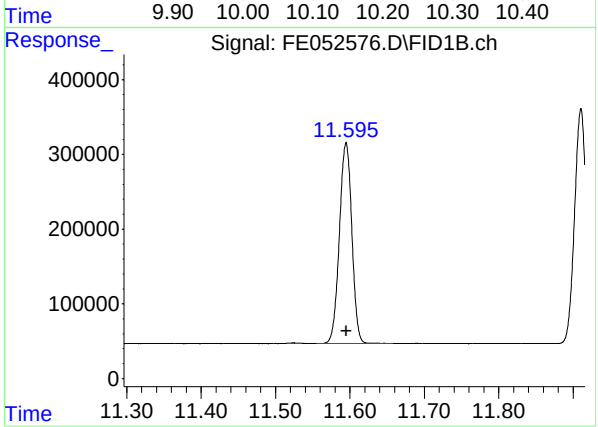
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 3109866
Conc: 20.00 ug/ml



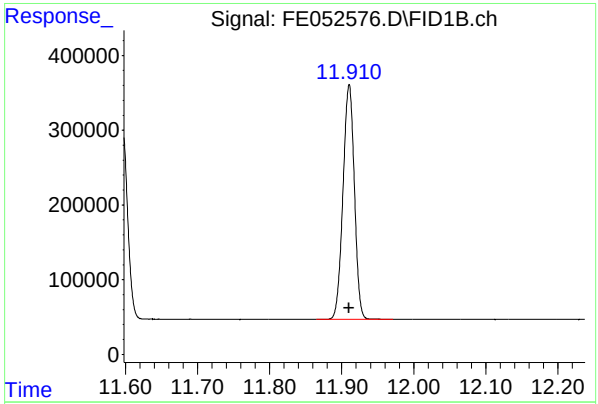
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: 0.000 min
Response: 3140454
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

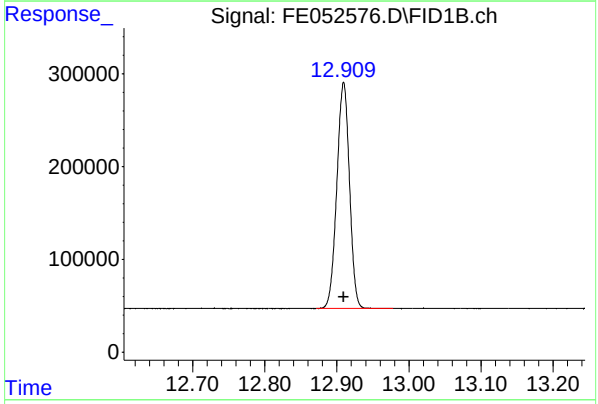
R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 3118030
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

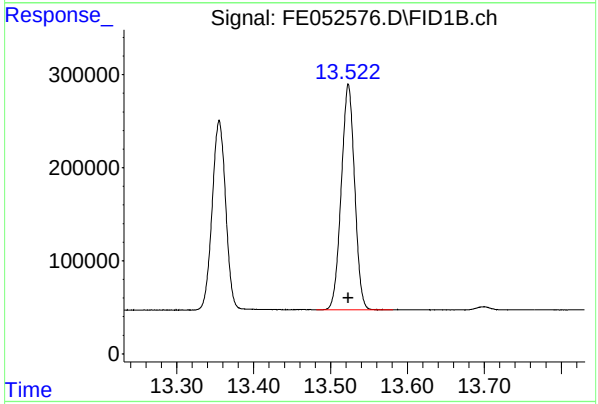
R.T.: 11.910 min
Delta R.T.: 0.000 min
Response: 3456693
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



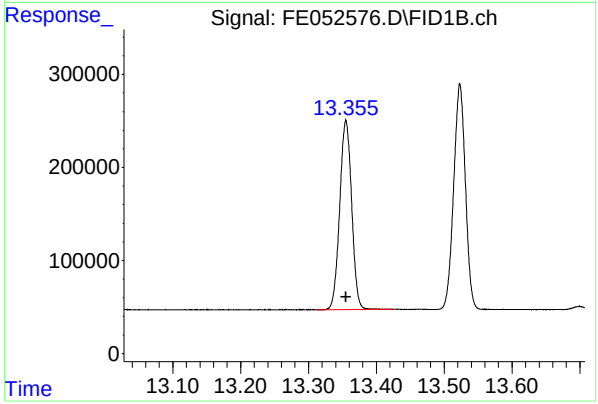
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 2974997
Conc: 20.00 ug/ml



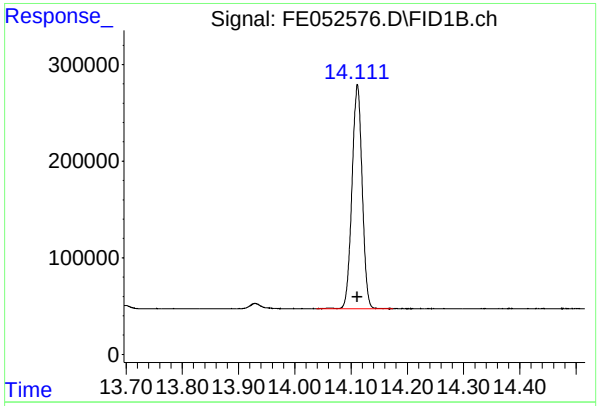
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.000 min
Response: 2917184
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

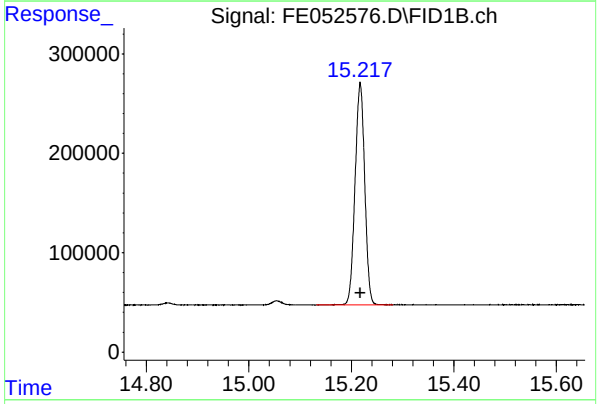
R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 2487317
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

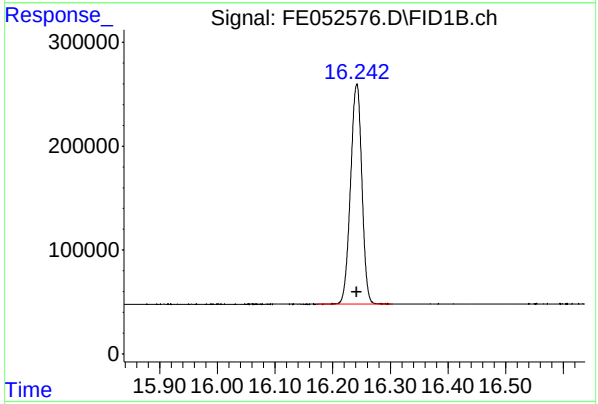
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 2918322
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



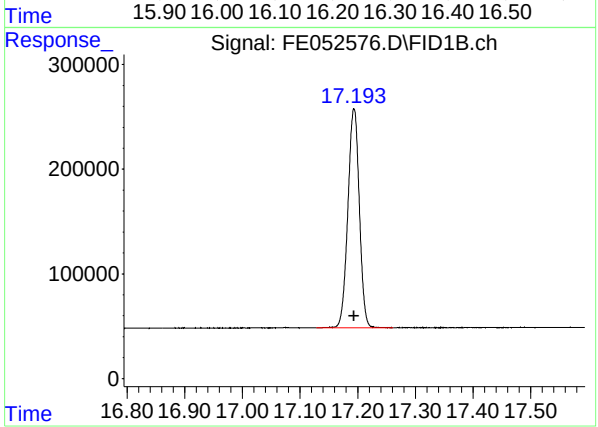
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 2924292
Conc: 20.00 ug/ml



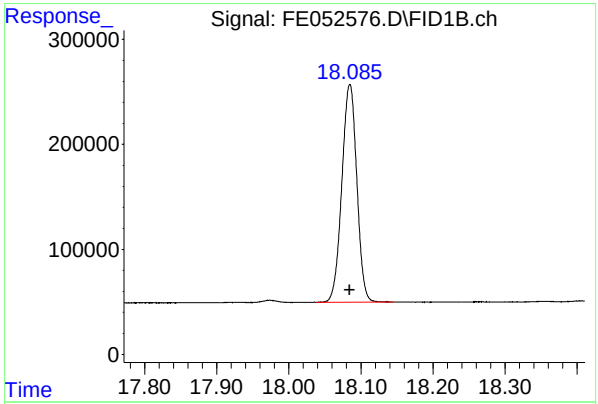
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.000 min
Response: 2899563
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

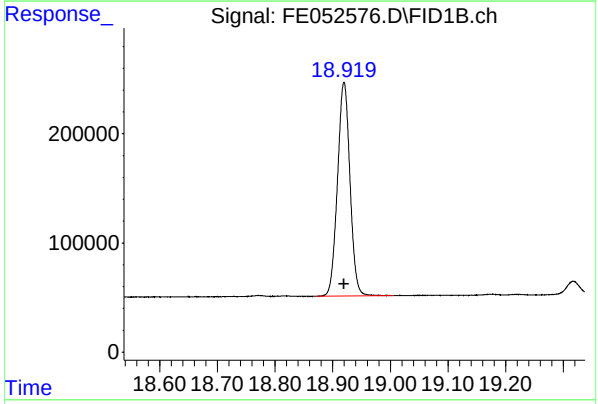
R.T.: 17.194 min
Delta R.T.: 0.000 min
Response: 2897161
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

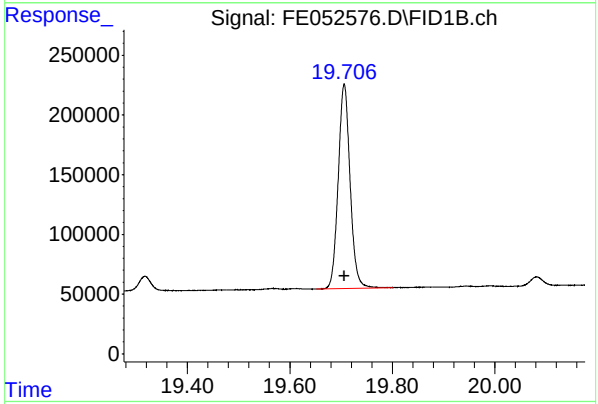
R.T.: 18.085 min
Delta R.T.: 0.000 min
Response: 2992644
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



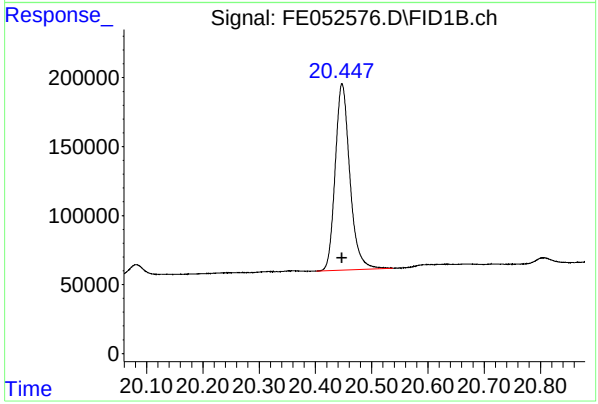
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.000 min
Response: 2947304
Conc: 20.00 ug/ml



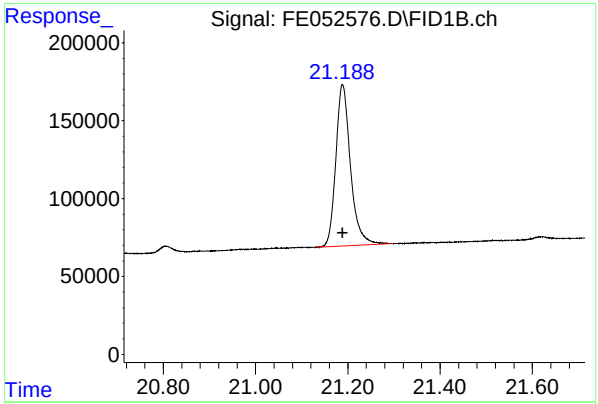
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: 0.000 min
Response: 2747820
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

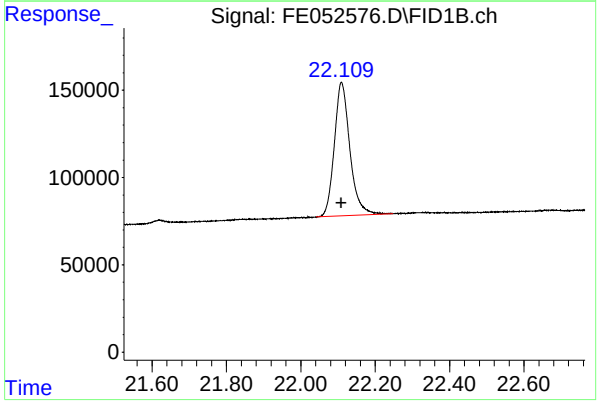
R.T.: 20.448 min
Delta R.T.: 0.000 min
Response: 2440276
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.000 min
Response: 2284145
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: 0.000 min
Response: 2217832
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052576.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 12:04
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.253	3.218	3.325	BB	314137	3177459	91.03%	4.896%
2	4.514	4.478	4.581	BB	315822	3222867	92.33%	4.966%
3	6.228	6.188	6.325	BB	355761	3490467	100.00%	5.378%
4	6.696	6.655	6.758	BB	311337	3197479	91.61%	4.927%
5	7.330	7.278	7.418	BB	331214	3336499	95.59%	5.141%
6	8.531	8.495	8.598	BB	289879	3109866	89.10%	4.792%
7	10.146	10.105	10.215	BB	282742	3140454	89.97%	4.839%
8	11.595	11.555	11.658	BB	268071	3118030	89.33%	4.804%
9	11.910	11.865	11.971	BB	315131	3456693	99.03%	5.326%
10	12.909	12.871	12.978	BB	241865	2974997	85.23%	4.584%
11	13.355	13.311	13.425	BB	202368	2487317	71.26%	3.833%
12	13.523	13.481	13.581	BB	241268	2917184	83.58%	4.495%
13	14.111	14.038	14.175	BB	232061	2918322	83.61%	4.497%
14	15.217	15.131	15.281	BB	222983	2924292	83.78%	4.506%
15	16.242	16.171	16.305	BB	211679	2899563	83.07%	4.468%
16	17.194	17.128	17.261	BB	210130	2897161	83.00%	4.464%
17	18.085	18.038	18.145	BB	207605	2992644	85.74%	4.611%
18	18.920	18.871	19.005	BB	195997	2947304	84.44%	4.541%
19	19.706	19.651	19.801	BB	170743	2747820	78.72%	4.234%
20	20.448	20.401	20.538	BV	134980	2440276	69.91%	3.760%
21	21.189	21.131	21.298	BB	103725	2284145	65.44%	3.520%
22	22.109	22.041	22.248	BB	76593	2217832	63.54%	3.417%
			Sum of corrected areas:			64898671		

Aliphatic EPH 030325.M Tue Mar 04 04:15:00 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052577.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 12:34
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

A B C D E F

Integration File: autoint1.e
Quant Time: Mar 03 12:57:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 12:57:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.909	1779109	10.765 ug/ml
Spiked Amount	50.000		Recovery =	21.53%
12) S	1-chlorooctadecane (S...	13.354	1275538	10.683 ug/ml
Spiked Amount	50.000		Recovery =	21.37%
	Target Compounds			
1) T	n-Nonane (C9)	3.253	1633896	10.746 ug/ml
2) T	n-Decane (C10)	4.514	1652277	10.732 ug/ml
3) T	A~Naphthalene (C11.7)	6.228	1784418	10.682 ug/ml
4) T	n-Dodecane (C12)	6.695	1640160	10.736 ug/ml
5) T	A~2-methylnaphthalene...	7.330	1702988	10.657 ug/ml
6) T	n-Tetradecane (C14)	8.531	1594378	10.737 ug/ml
7) T	n-Hexadecane (C16)	10.145	1610203	10.737 ug/ml
8) T	n-Octadecane (C18)	11.594	1601994	10.753 ug/ml
10) T	n-Eicosane (C20)	12.909	1536447	10.794 ug/ml
11) T	n-Heneicosane (C21)	13.522	1502197	10.771 ug/ml
13) T	n-Docosane (C22)	14.111	1511879	10.835 ug/ml
14) T	n-Tetracosane (C24)	15.218	1545839	10.994 ug/ml
15) T	n-Hexacosane (C26)	16.242	1542744	11.054 ug/ml
16) T	n-Octacosane (C28)	17.194	1547735	11.154 ug/ml
17) T	n-Tricontane (C30)	18.083	1607077	11.294 ug/ml
18) T	n-Dotriacontane (C32)	18.918	1583504	11.380 ug/ml
19) T	n-Tetratriacontane (C34)	19.705	1456233	11.241 ug/ml
20) T	n-Hexatriacontane (C36)	20.447	1283640	11.138 ug/ml
21) T	n-Octatriacontane (C38)	21.188	1168118	10.818 ug/ml
22) T	n-Tetracontane (C40)	22.109	1142101	10.805 ug/ml

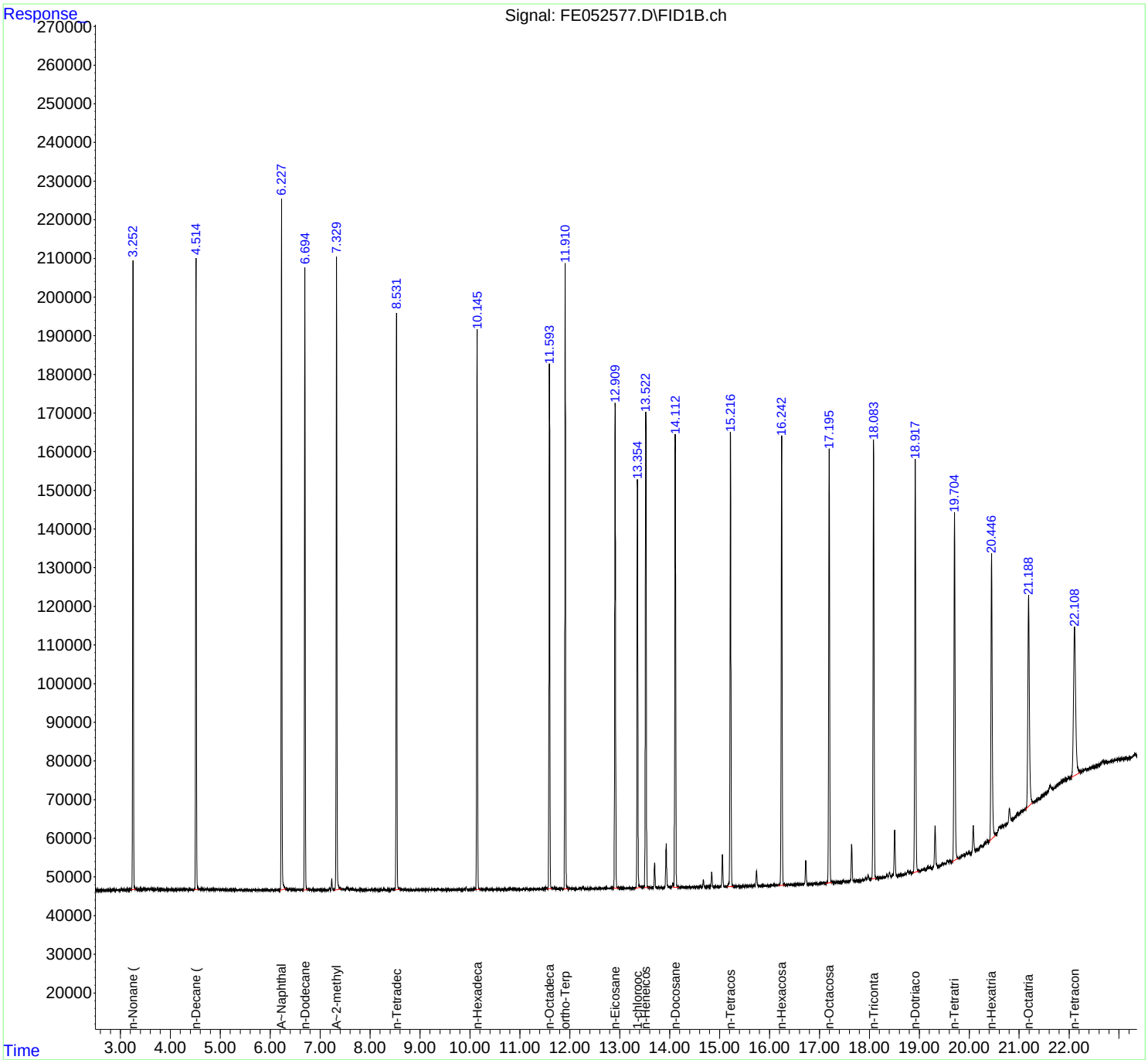
(f)=RT Delta > 1/2 Window (m)=manual int.

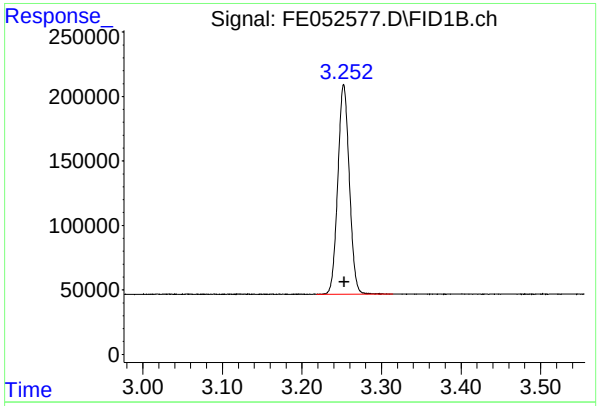
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052577.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 12:34
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Mar 03 12:57:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 12:57:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

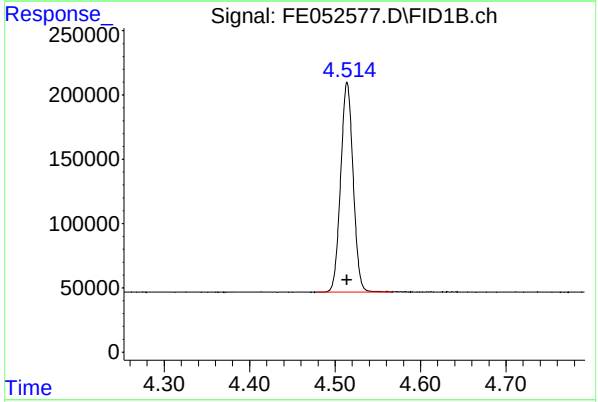




#1 n-Nonane (C9)

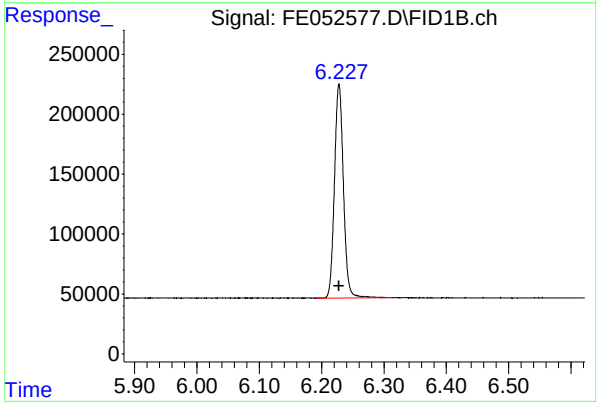
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 1633896
Conc: 10.75 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



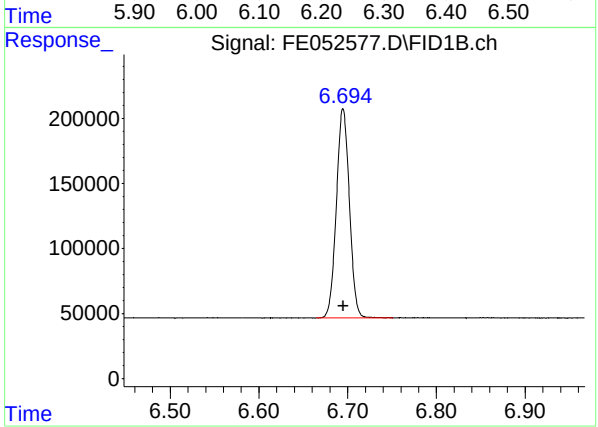
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 1652277
Conc: 10.73 ug/ml



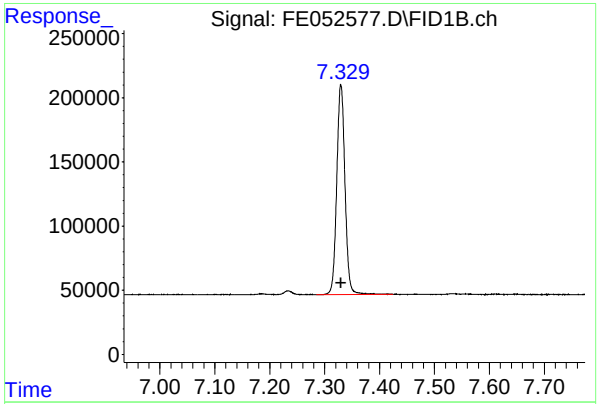
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 1784418
Conc: 10.68 ug/ml



#4 n-Dodecane (C12)

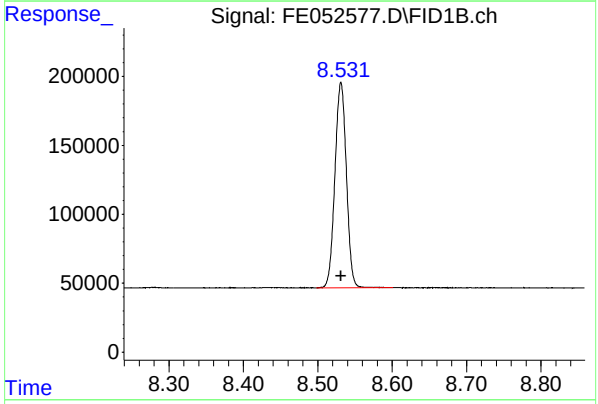
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 1640160
Conc: 10.74 ug/ml



#5 A~2-methylnaphthalene (C12.89)

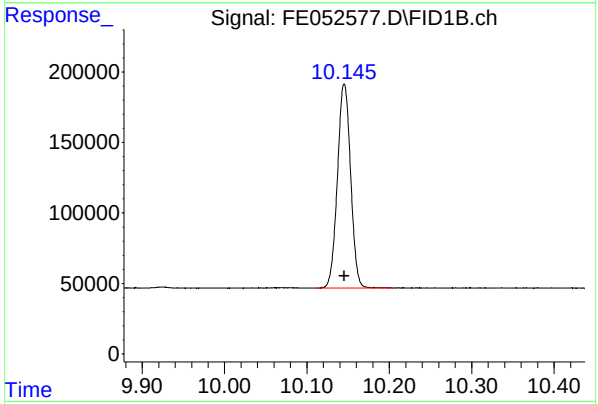
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 1702988
Conc: 10.66 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



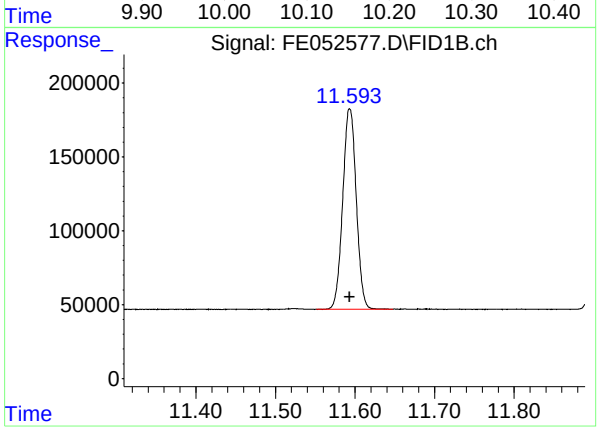
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 1594378
Conc: 10.74 ug/ml



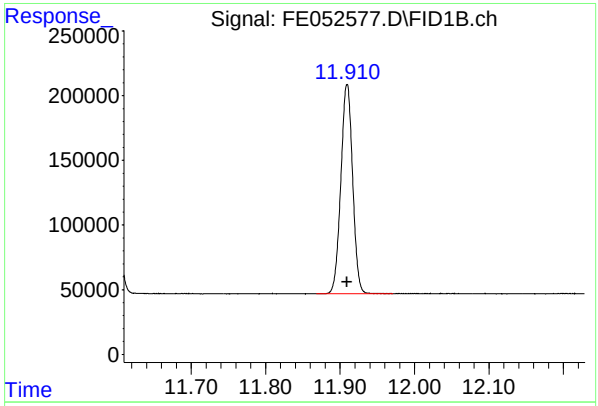
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 1610203
Conc: 10.74 ug/ml



#8 n-Octadecane (C18)

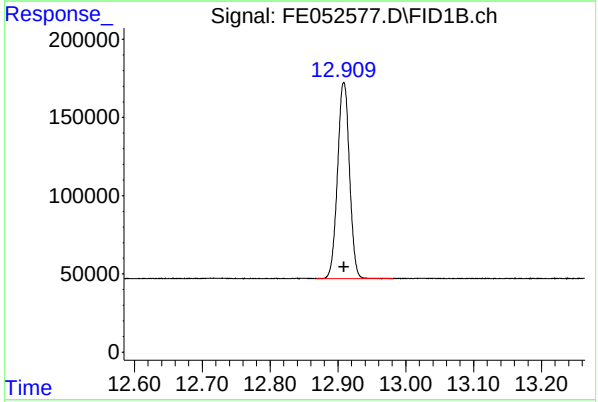
R.T.: 11.594 min
Delta R.T.: 0.000 min
Response: 1601994
Conc: 10.75 ug/ml



#9 ortho-Terphenyl (SURR)

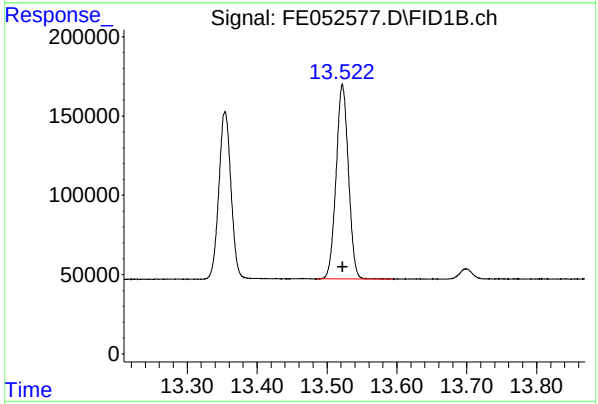
R.T.: 11.909 min
Delta R.T.: 0.000 min
Response: 1779109
Conc: 10.77 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



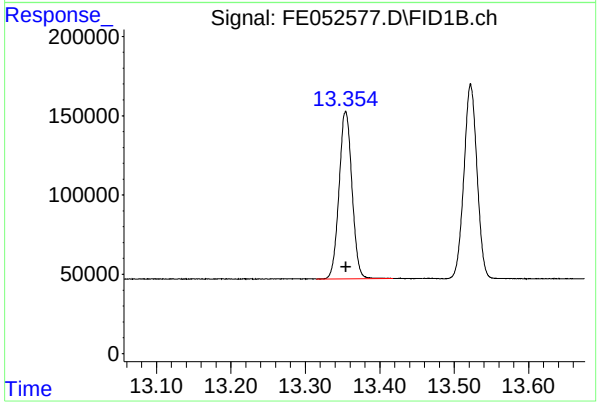
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 1536447
Conc: 10.79 ug/ml



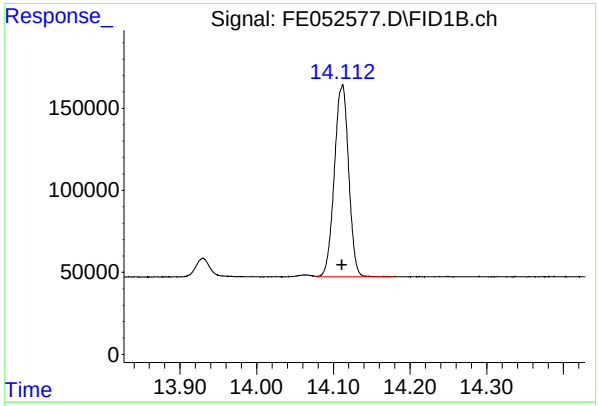
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 1502197
Conc: 10.77 ug/ml



#12 1-chlorooctadecane (SURR)

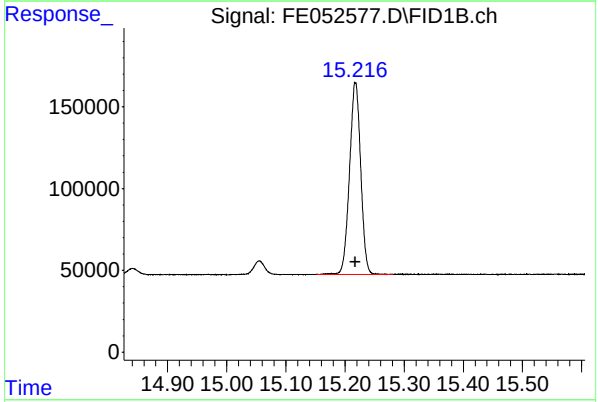
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 1275538
Conc: 10.68 ug/ml



#13 n-Docosane (C22)

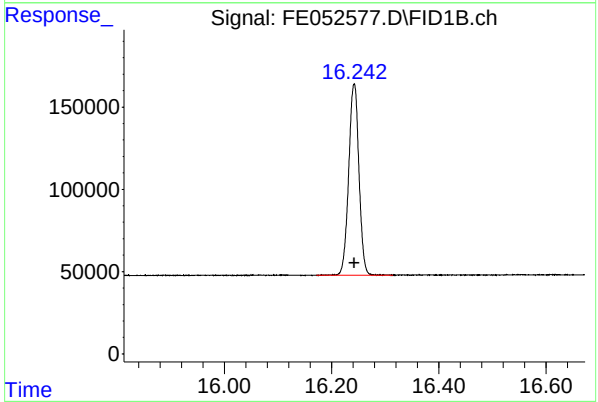
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 1511879
Conc: 10.84 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



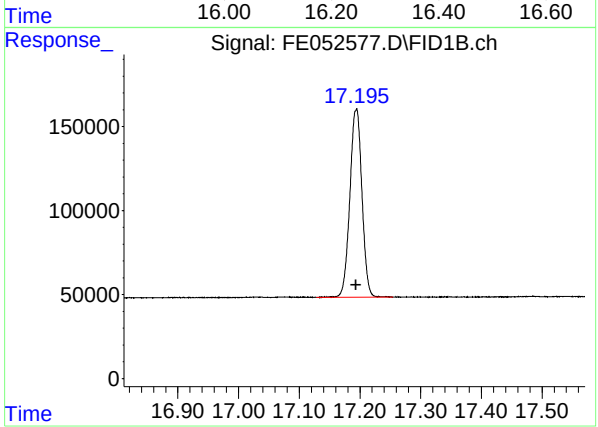
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.000 min
Response: 1545839
Conc: 10.99 ug/ml



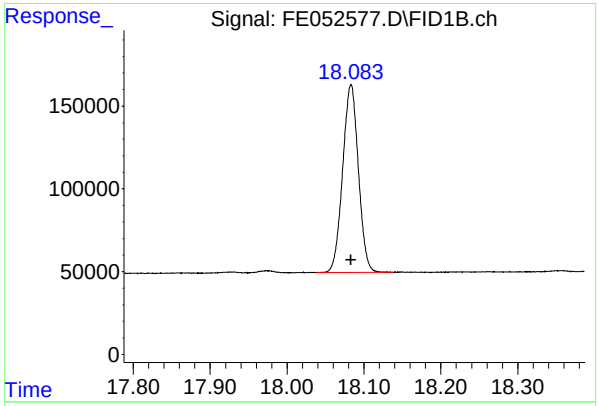
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.000 min
Response: 1542744
Conc: 11.05 ug/ml



#16 n-Octacosane (C28)

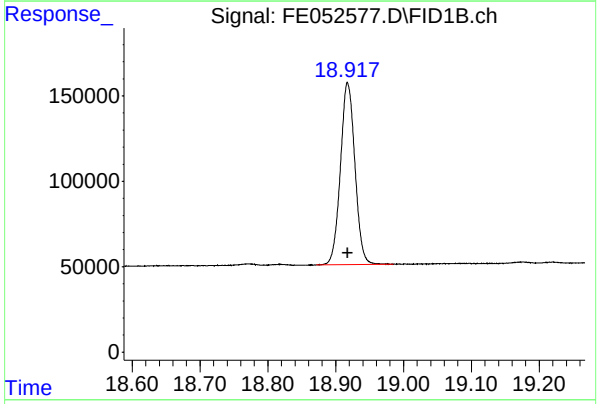
R.T.: 17.194 min
Delta R.T.: 0.000 min
Response: 1547735
Conc: 11.15 ug/ml



#17 n-Tricontane (C30)

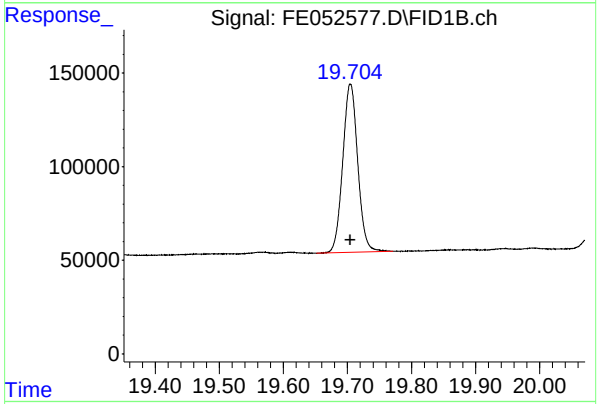
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 1607077
Conc: 11.29 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



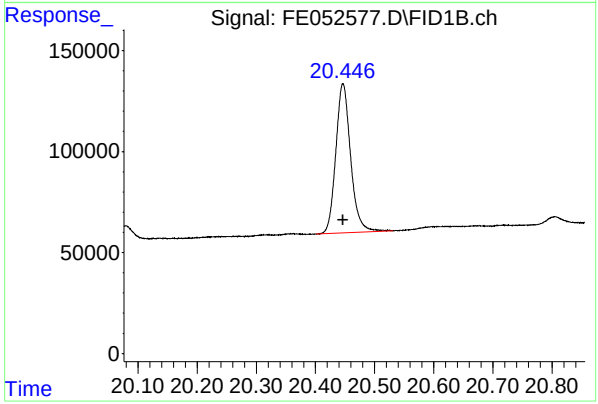
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.000 min
Response: 1583504
Conc: 11.38 ug/ml



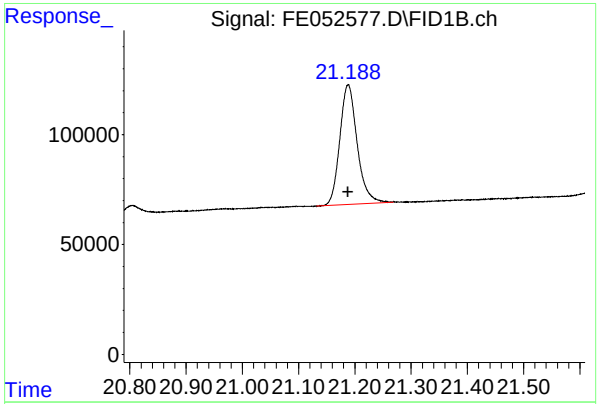
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.000 min
Response: 1456233
Conc: 11.24 ug/ml



#20 n-Hexatriacontane (C36)

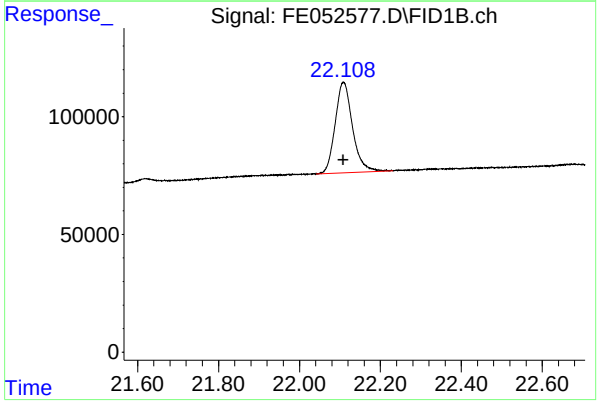
R.T.: 20.447 min
Delta R.T.: 0.000 min
Response: 1283640
Conc: 11.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.000 min
Response: 1168118
Conc: 10.82 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: 0.000 min
Response: 1142101
Conc: 10.81 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052577.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 12:34
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.253	3.218	3.314	BB	161729	1633896	91.56%	4.848%
2	4.514	4.478	4.568	BB	162683	1652277	92.59%	4.903%
3	6.228	6.191	6.314	BB	178423	1784418	100.00%	5.295%
4	6.695	6.664	6.751	BB	160841	1640160	91.92%	4.867%
5	7.330	7.284	7.424	BB	162983	1702988	95.44%	5.053%
6	8.531	8.498	8.601	BB	148819	1594378	89.35%	4.731%
7	10.145	10.111	10.204	BB	145207	1610203	90.24%	4.778%
8	11.594	11.551	11.648	BB	135761	1601994	89.78%	4.753%
9	11.909	11.868	11.971	BB	162025	1779109	99.70%	5.279%
10	12.909	12.868	12.981	BB	125833	1536447	86.10%	4.559%
11	13.354	13.314	13.418	BB	105376	1275538	71.48%	3.785%
12	13.522	13.484	13.594	BB	122287	1502197	84.18%	4.457%
13	14.111	14.078	14.178	VB	116146	1511879	84.73%	4.486%
14	15.218	15.151	15.281	BB	117810	1545839	86.63%	4.587%
15	16.242	16.171	16.314	BB	116219	1542744	86.46%	4.578%
16	17.194	17.128	17.254	BB	112172	1547735	86.74%	4.592%
17	18.083	18.038	18.138	BB	113962	1607077	90.06%	4.768%
18	18.918	18.871	18.984	BB	106365	1583504	88.74%	4.698%
19	19.705	19.651	19.771	BB	90061	1456233	81.61%	4.321%
20	20.447	20.401	20.531	BB	73836	1283640	71.94%	3.809%
21	21.188	21.131	21.268	BB	54530	1168118	65.46%	3.466%
22	22.109	22.041	22.231	BB	38465	1142101	64.00%	3.389%
			Sum of corrected areas:			33702476		

Aliphatic EPH 030325.M Tue Mar 04 04:15:29 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052578.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 13:04
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Mar 03 13:38:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:37:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.909	909430	5.394 ug/ml
Spiked Amount	50.000		Recovery =	10.79%
12) S	1-chlorooctadecane (S...	13.354	647768	5.335 ug/ml
Spiked Amount	50.000		Recovery =	10.67%
	Target Compounds			
1) T	n-Nonane (C9)	3.252	835200	5.387 ug/ml
2) T	n-Decane (C10)	4.514	848233	5.399 ug/ml
3) T	A~Naphthalene (C11.7)	6.228	898827	5.300 ug/ml
4) T	n-Dodecane (C12)	6.695	837084	5.376 ug/ml
5) T	A~2-methylnaphthalene...	7.330	855434	5.279 ug/ml
6) T	n-Tetradecane (C14)	8.531	812990	5.373 ug/ml
7) T	n-Hexadecane (C16)	10.145	822877	5.382 ug/ml
8) T	n-Octadecane (C18)	11.593	823940	5.416 ug/ml
10) T	n-Eicosane (C20)	12.908	782621	5.391 ug/ml
11) T	n-Heneicosane (C21)	13.522	768847	5.402 ug/ml
13) T	n-Docosane (C22)	14.110	767013	5.390 ug/ml
14) T	n-Tetracosane (C24)	15.216	765651	5.350 ug/ml
15) T	n-Hexacosane (C26)	16.241	763577	5.370 ug/ml
16) T	n-Octacosane (C28)	17.192	779784	5.484 ug/ml
17) T	n-Tricontane (C30)	18.083	846559	5.732 ug/ml
18) T	n-Dotriacontane (C32)	18.917	846558	5.831 ug/ml
19) T	n-Tetratriacontane (C34)	19.703	778580	5.777 ug/ml
20) T	n-Hexatriacontane (C36)	20.445	665672	5.602 ug/ml
21) T	n-Octatriacontane (C38)	21.185	613739	5.532 ug/ml
22) T	n-Tetracontane (C40)	22.104	588940	5.447 ug/ml

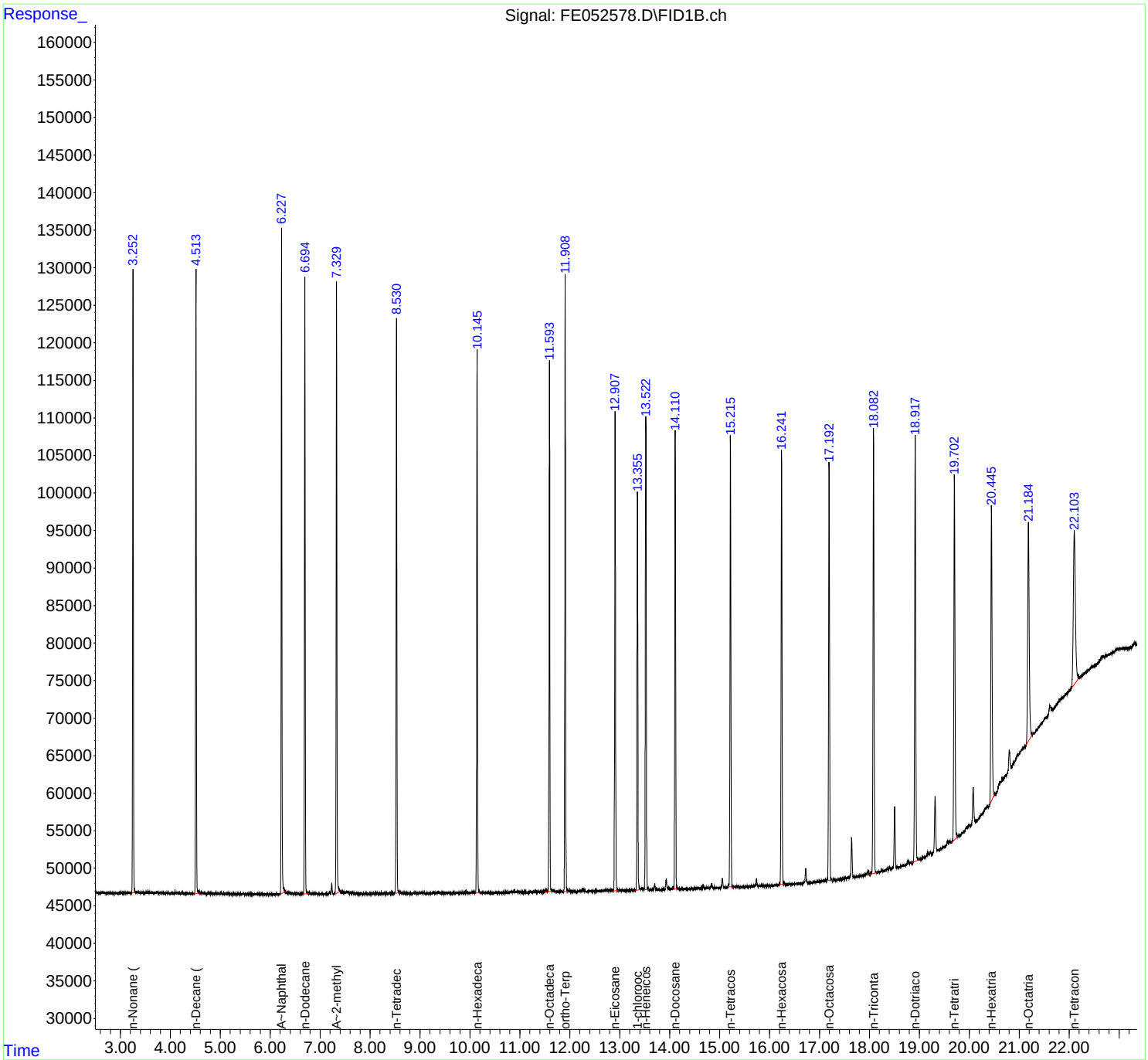
(f)=RT Delta > 1/2 Window (m)=manual int.

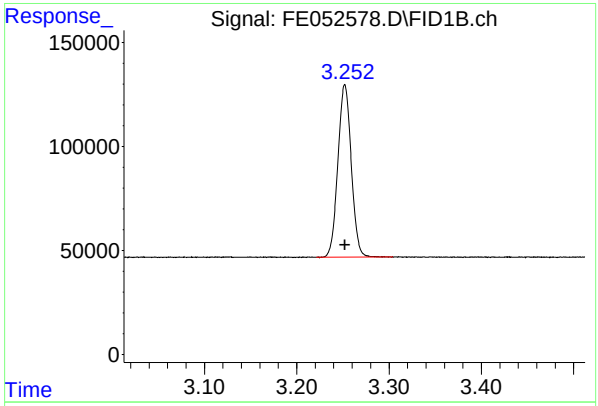
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052578.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 13:04
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Mar 03 13:38:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:37:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

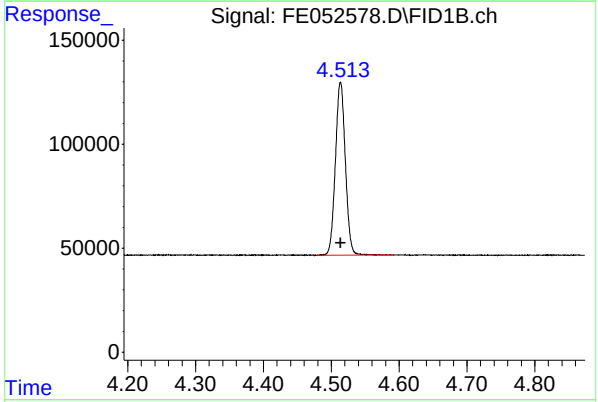




#1 n-Nonane (C9)

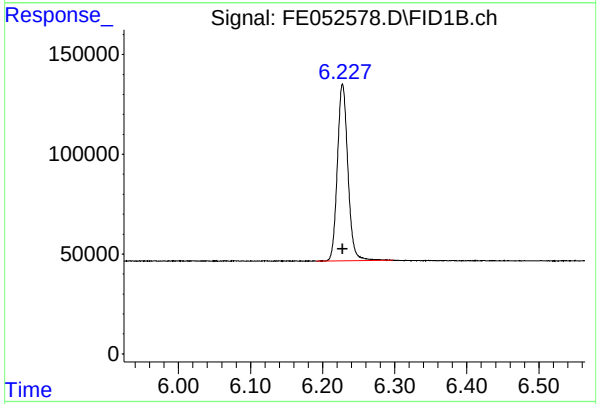
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 835200
Conc: 5.39 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



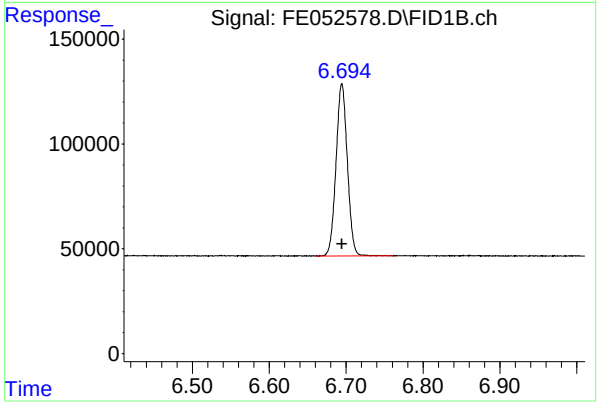
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 848233
Conc: 5.40 ug/ml



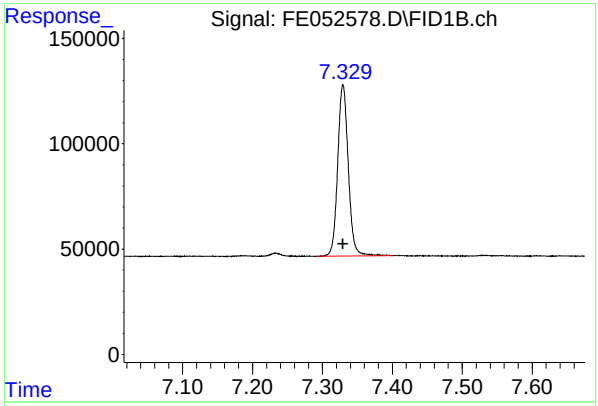
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 898827
Conc: 5.30 ug/ml



#4 n-Dodecane (C12)

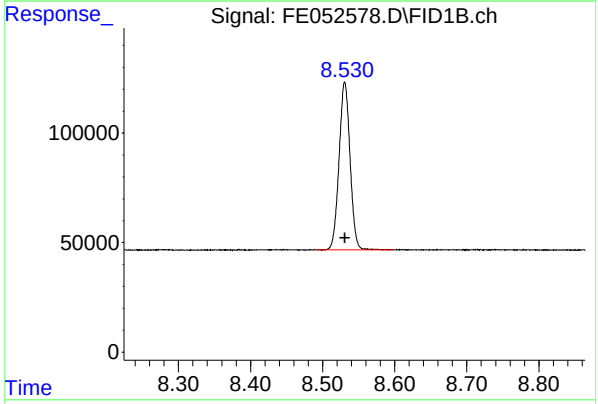
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 837084
Conc: 5.38 ug/ml



#5 A~2-methylnaphthalene (C12.89)

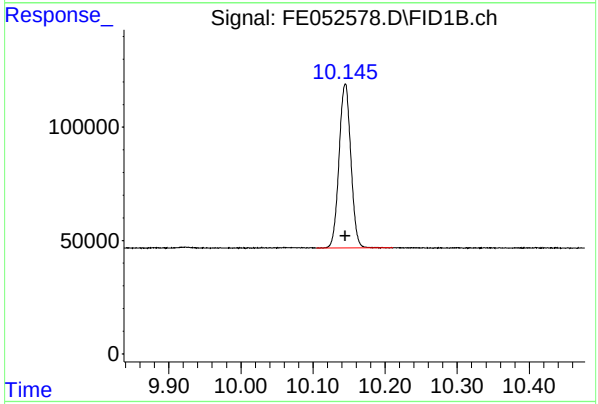
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 855434
Conc: 5.28 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



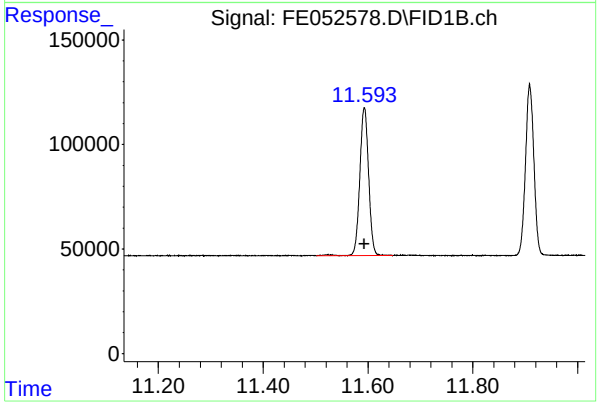
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 812990
Conc: 5.37 ug/ml



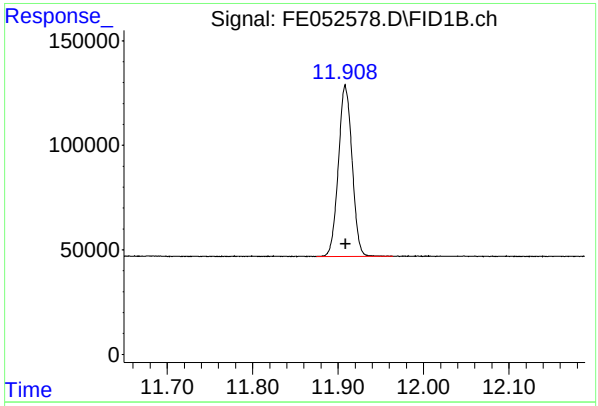
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 822877
Conc: 5.38 ug/ml



#8 n-Octadecane (C18)

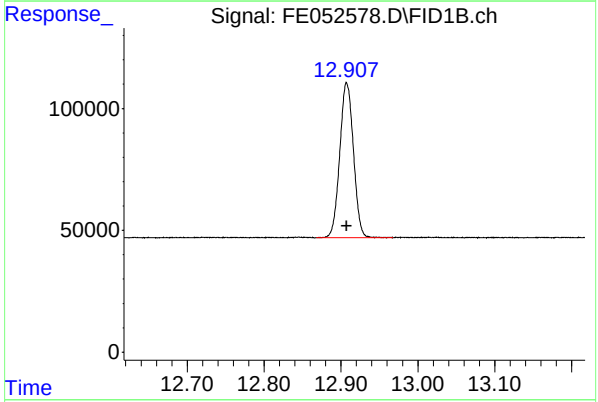
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 823940
Conc: 5.42 ug/ml



#9 ortho-Terphenyl (SURR)

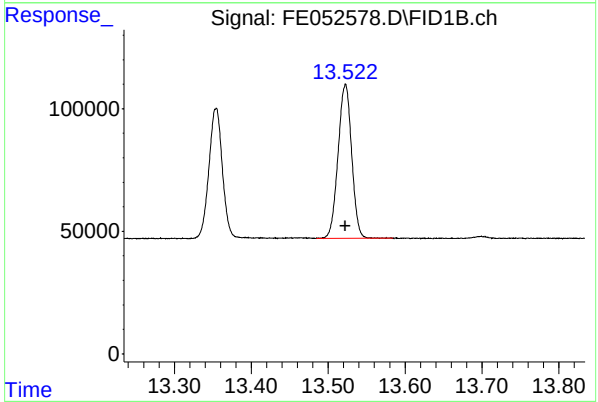
R.T.: 11.909 min
Delta R.T.: 0.000 min
Response: 909430
Conc: 5.39 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



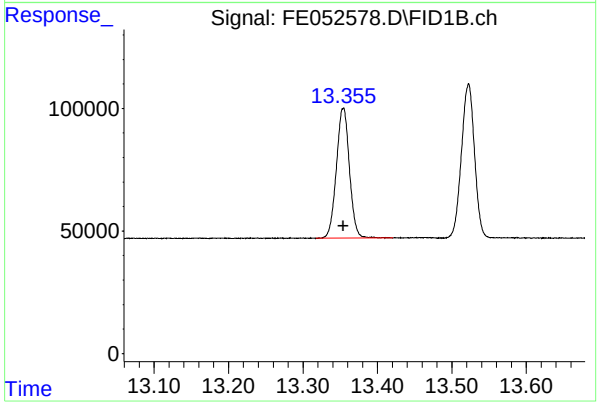
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 782621
Conc: 5.39 ug/ml



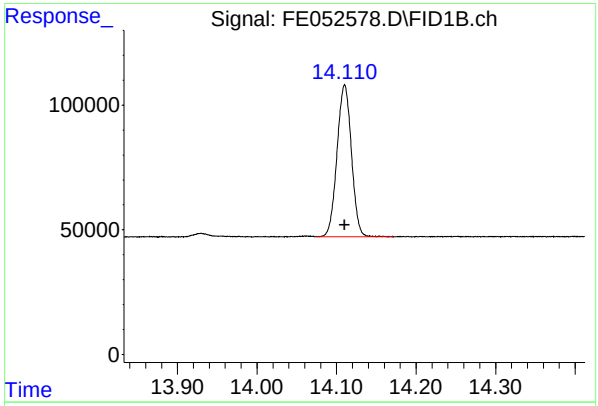
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 768847
Conc: 5.40 ug/ml



#12 1-chlorooctadecane (SURR)

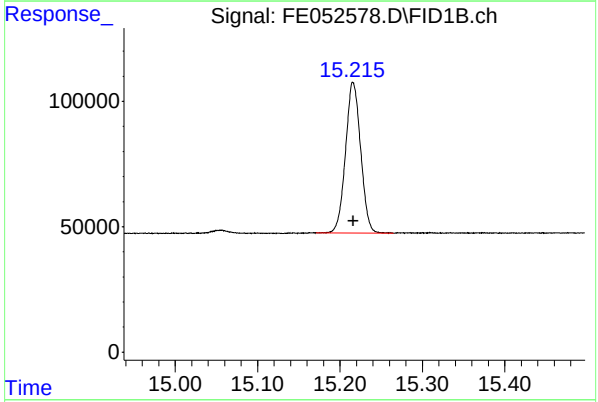
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 647768
Conc: 5.33 ug/ml



#13 n-Docosane (C22)

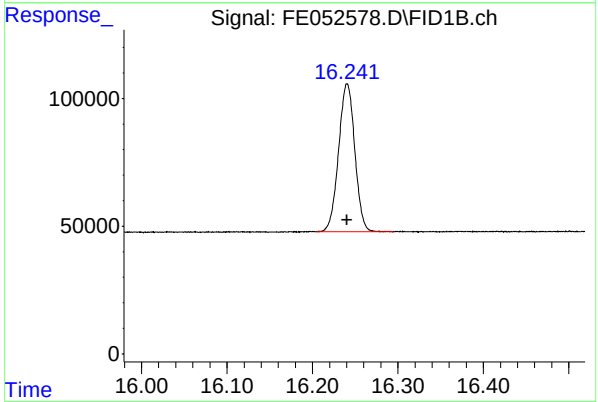
R.T.: 14.110 min
Delta R.T.: 0.000 min
Response: 767013
Conc: 5.39 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



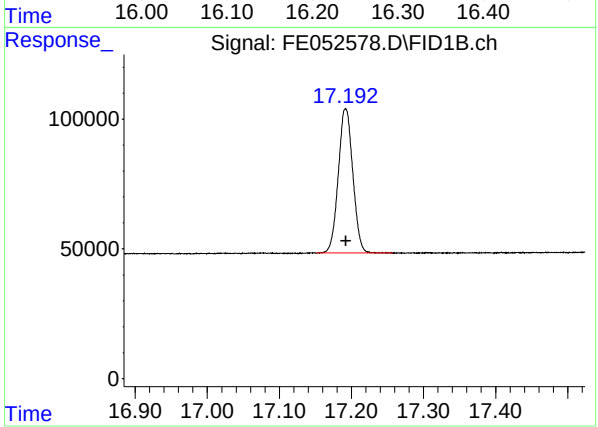
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 765651
Conc: 5.35 ug/ml



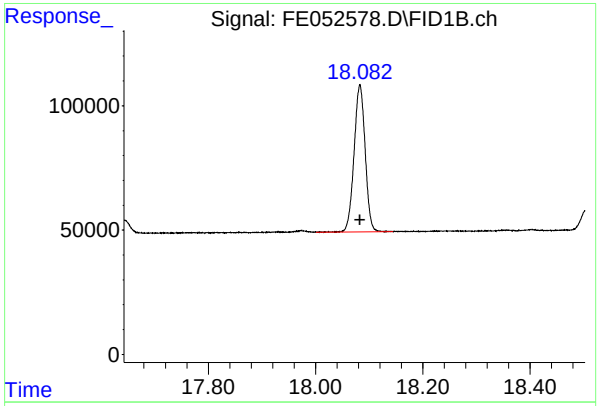
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 763577
Conc: 5.37 ug/ml



#16 n-Octacosane (C28)

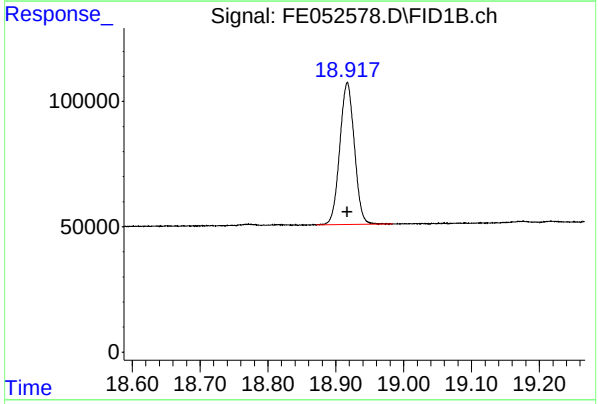
R.T.: 17.192 min
Delta R.T.: 0.000 min
Response: 779784
Conc: 5.48 ug/ml



#17 n-Tricontane (C30)

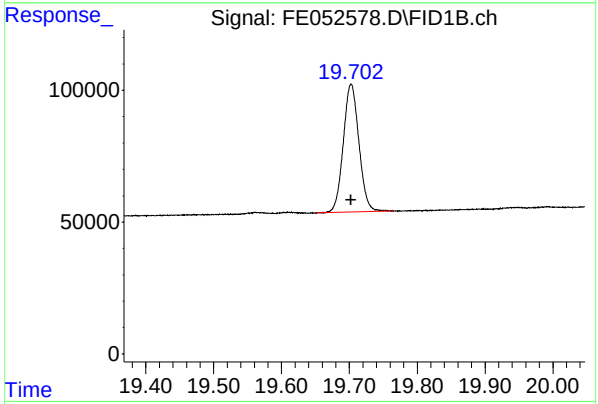
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 846559
Conc: 5.73 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



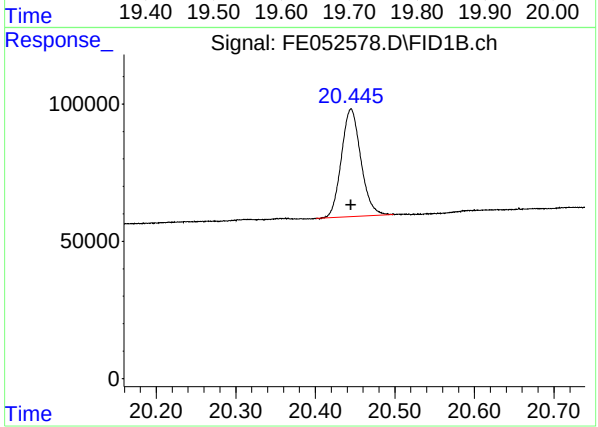
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.000 min
Response: 846558
Conc: 5.83 ug/ml



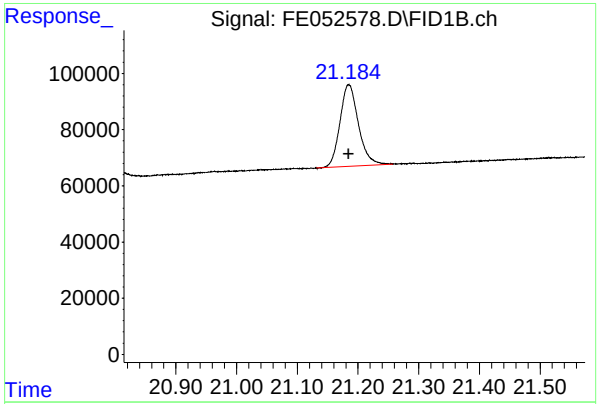
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: 0.000 min
Response: 778580
Conc: 5.78 ug/ml



#20 n-Hexatriacontane (C36)

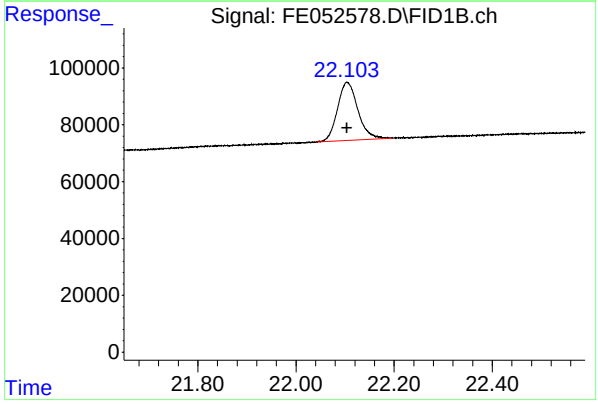
R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 665672
Conc: 5.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: 0.000 min
Response: 613739
Conc: 5.53 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: 0.000 min
Response: 588940
Conc: 5.45 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052578.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 13:04
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.252	3.221	3.304	BB	82567	835200	91.84%	4.839%
2	4.514	4.478	4.591	BB	83234	848233	93.27%	4.915%
3	6.228	6.191	6.298	BB	88505	898827	98.83%	5.208%
4	6.695	6.661	6.761	BB	82093	837084	92.04%	4.850%
5	7.330	7.291	7.401	BB	81098	855434	94.06%	4.956%
6	8.531	8.491	8.598	BB	76461	812990	89.40%	4.710%
7	10.145	10.104	10.211	BB	72313	822877	90.48%	4.768%
8	11.593	11.501	11.648	BB	70861	823940	90.60%	4.774%
9	11.909	11.874	11.964	BB	81463	909430	100.00%	5.269%
10	12.908	12.868	12.968	BB	63441	782621	86.06%	4.534%
11	13.354	13.318	13.421	BB	53208	647768	71.23%	3.753%
12	13.522	13.484	13.584	BB	62420	768847	84.54%	4.455%
13	14.110	14.074	14.171	BB	61042	767013	84.34%	4.444%
14	15.216	15.171	15.264	BB	59393	765651	84.19%	4.436%
15	16.241	16.204	16.294	BB	57980	763577	83.96%	4.424%
16	17.192	17.151	17.258	BB	55884	779784	85.74%	4.518%
17	18.083	18.001	18.144	BB	58718	846559	93.09%	4.905%
18	18.917	18.871	18.984	BB	56748	846558	93.09%	4.905%
19	19.703	19.651	19.764	BB	48522	778580	85.61%	4.511%
20	20.445	20.401	20.498	BB	39239	665672	73.20%	3.857%
21	21.185	21.131	21.258	BB	29081	613739	67.49%	3.556%
22	22.104	22.041	22.198	BB	20470	588940	64.76%	3.412%
			Sum of corrected areas:			17259325		

Aliphatic EPH 030325.M Tue Mar 04 04:15:51 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052579.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 13:35
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

A B C D E F

Integration File: autoint1.e
Quant Time: Mar 03 14:00:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.911	3455691	20.498 ug/ml
Spiked Amount	50.000		Recovery =	41.00%
12) S	1-chlorooctadecane (S...	13.356	2497681	20.570 ug/ml
Spiked Amount	50.000		Recovery =	41.14%
	Target Compounds			
1) T	n-Nonane (C9)	3.252	3187537	20.558 ug/ml
2) T	n-Decane (C10)	4.514	3233718	20.584 ug/ml
3) T	A~Naphthalene (C11.7)	6.228	3492595	20.594 ug/ml
4) T	n-Dodecane (C12)	6.696	3203904	20.578 ug/ml
5) T	A~2-methylnaphthalene...	7.330	3339319	20.606 ug/ml
6) T	n-Tetradecane (C14)	8.532	3105696	20.525 ug/ml
7) T	n-Hexadecane (C16)	10.147	3133929	20.498 ug/ml
8) T	n-Octadecane (C18)	11.595	3112121	20.455 ug/ml
10) T	n-Eicosane (C20)	12.910	2971006	20.465 ug/ml
11) T	n-Heneicosane (C21)	13.524	2915343	20.483 ug/ml
13) T	n-Docosane (C22)	14.111	2909985	20.448 ug/ml
14) T	n-Tetracosane (C24)	15.219	2928929	20.466 ug/ml
15) T	n-Hexacosane (C26)	16.241	2909458	20.461 ug/ml
16) T	n-Octacosane (C28)	17.194	2913880	20.492 ug/ml
17) T	n-Tricontane (C30)	18.084	3032387	20.531 ug/ml
18) T	n-Dotriacontane (C32)	18.919	2988204	20.583 ug/ml
19) T	n-Tetratriacontane (C34)	19.705	2786554	20.675 ug/ml
20) T	n-Hexatriacontane (C36)	20.448	2490703	20.961 ug/ml
21) T	n-Octatriacontane (C38)	21.189	2317135	20.887 ug/ml
22) T	n-Tetracontane (C40)	22.111	2256635	20.872 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

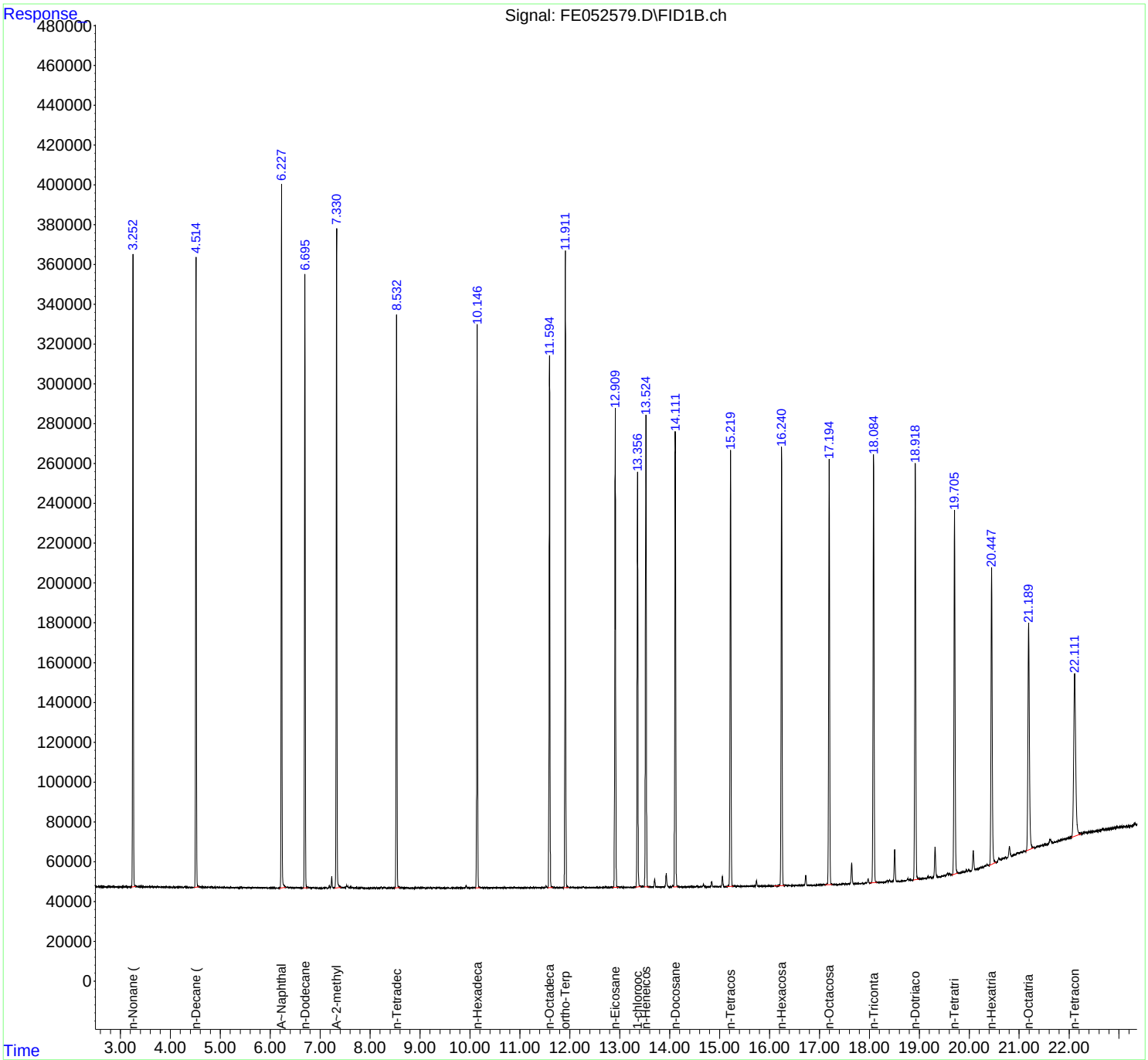
Quantitation Report (QT Reviewed)

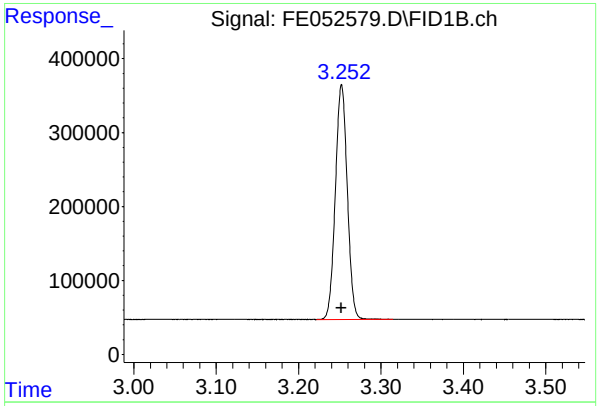
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052579.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 13:35
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Mar 03 14:00:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

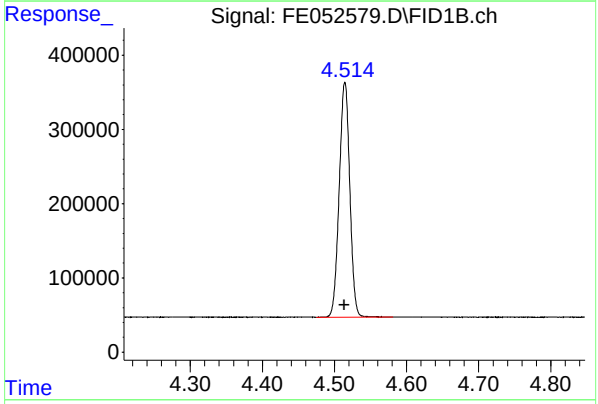




#1 n-Nonane (C9)

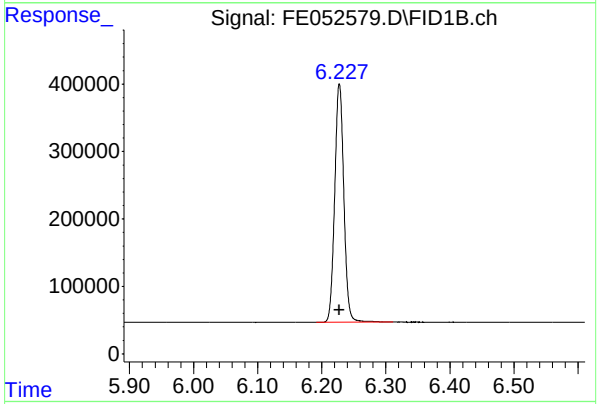
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 3187537
Conc: 20.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



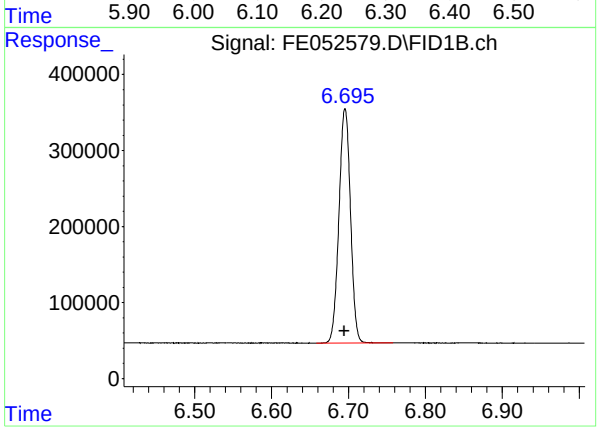
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 3233718
Conc: 20.58 ug/ml



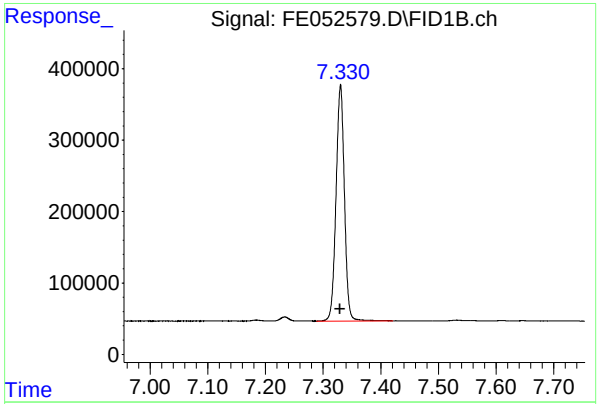
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 3492595
Conc: 20.59 ug/ml



#4 n-Dodecane (C12)

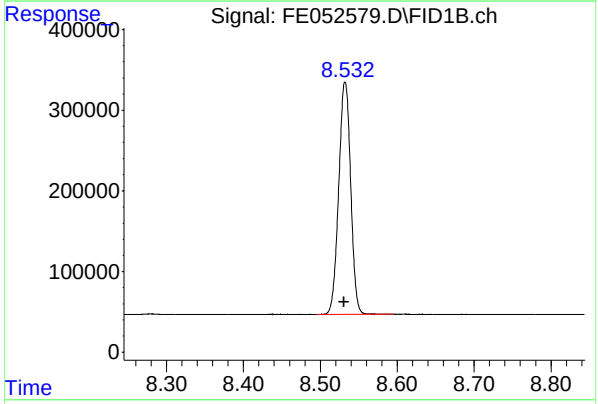
R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 3203904
Conc: 20.58 ug/ml



#5 A~2-methylnaphthalene (C12.89)

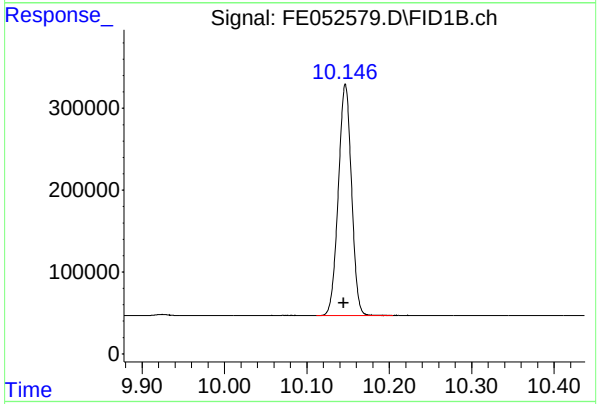
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 3339319
Conc: 20.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



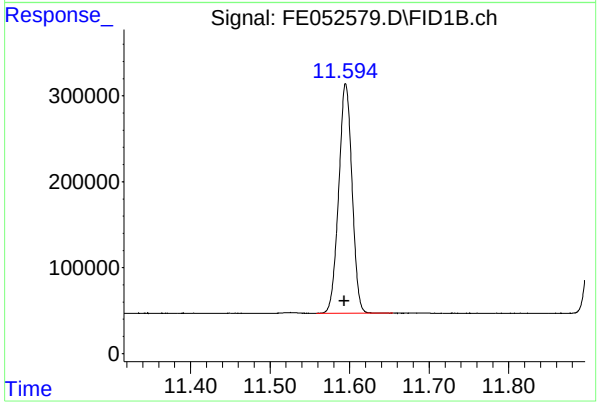
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: 0.001 min
Response: 3105696
Conc: 20.53 ug/ml



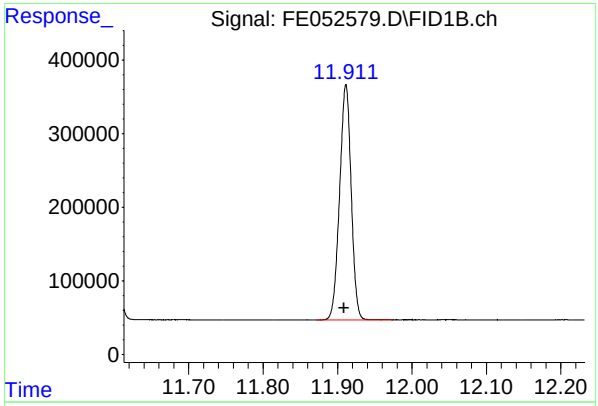
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: 0.002 min
Response: 3133929
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

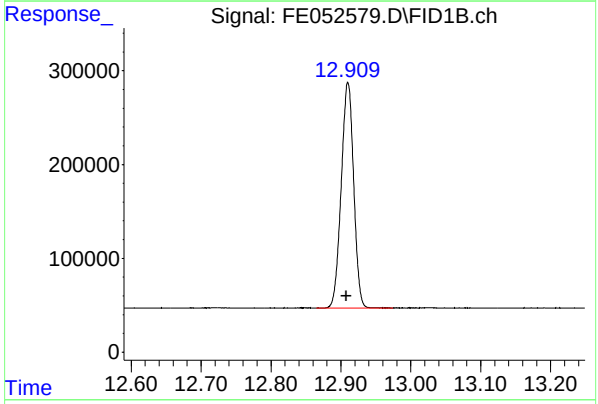
R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 3112121
Conc: 20.46 ug/ml



#9 ortho-Terphenyl (SURR)

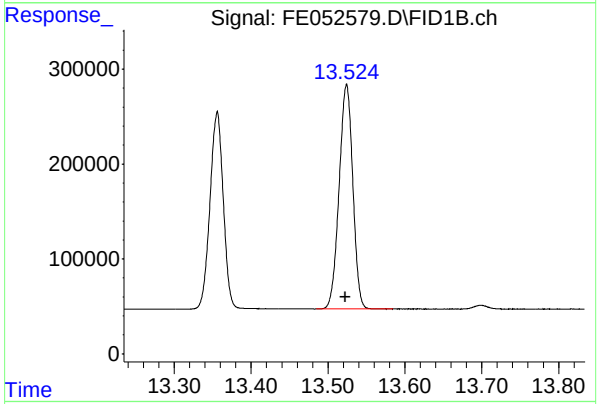
R.T.: 11.911 min
Delta R.T.: 0.003 min
Response: 3455691
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



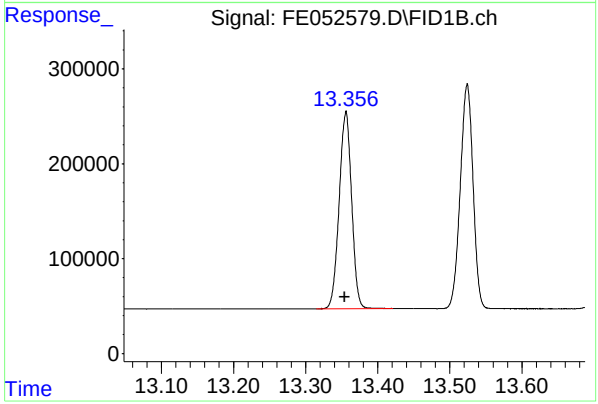
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 2971006
Conc: 20.47 ug/ml



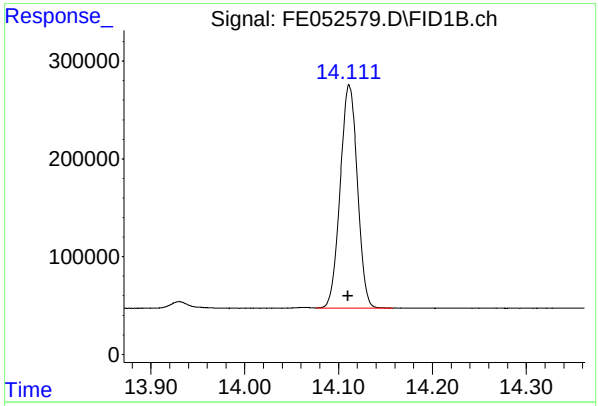
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 2915343
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

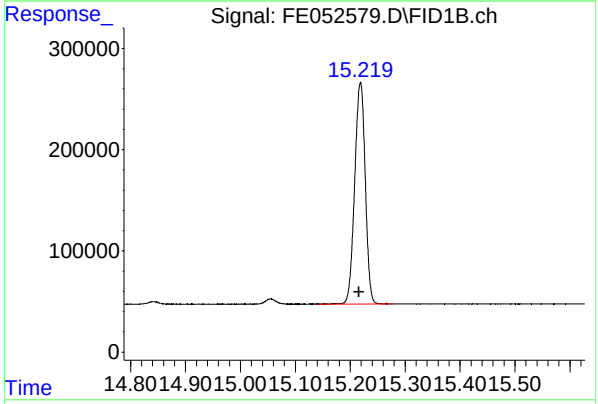
R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 2497681
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

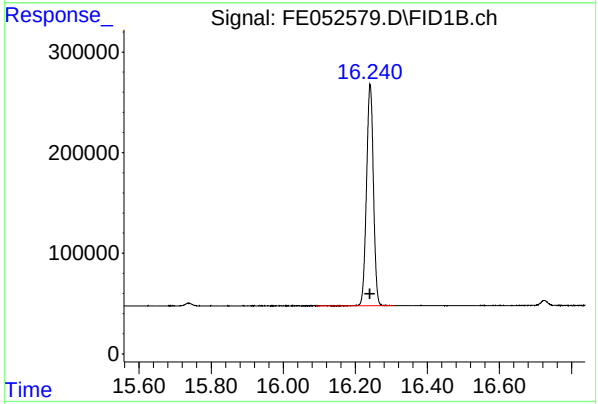
R.T.: 14.111 min
Delta R.T.: 0.001 min
Response: 2909985
Conc: 20.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



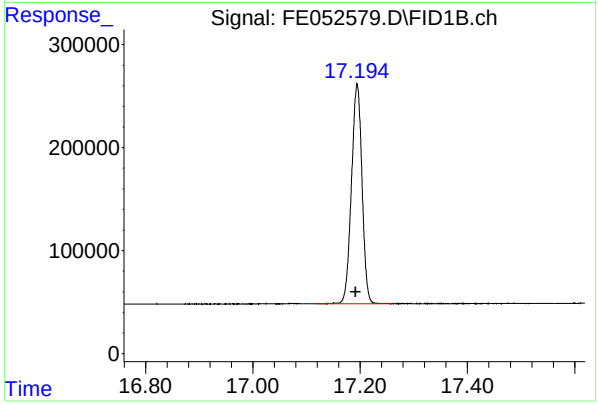
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: 0.003 min
Response: 2928929
Conc: 20.47 ug/ml



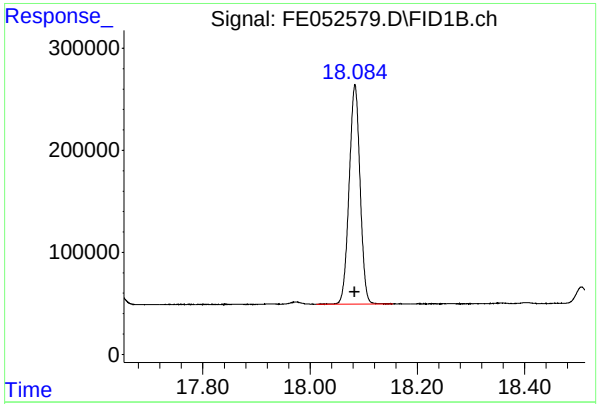
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 2909458
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

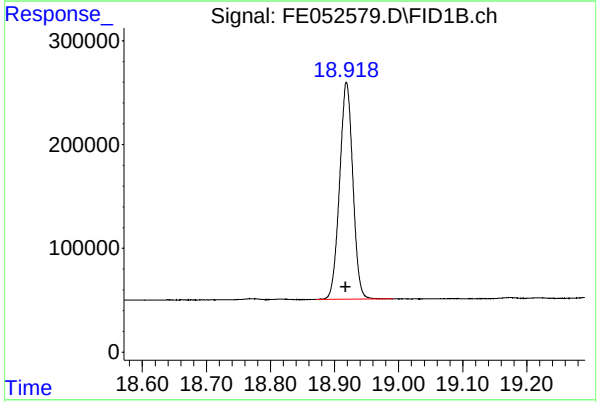
R.T.: 17.194 min
Delta R.T.: 0.002 min
Response: 2913880
Conc: 20.49 ug/ml



#17 n-Tricontane (C30)

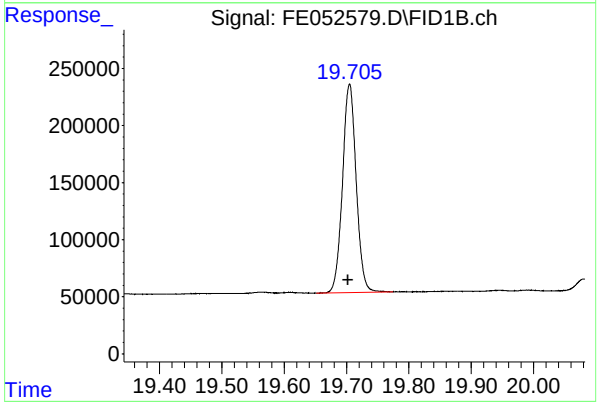
R.T.: 18.084 min
Delta R.T.: 0.001 min
Response: 3032387
Conc: 20.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



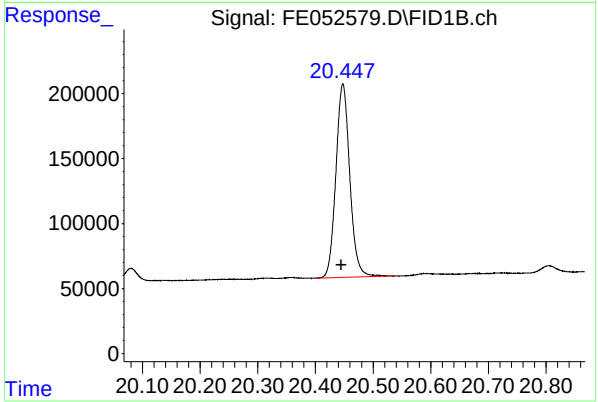
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: 0.002 min
Response: 2988204
Conc: 20.58 ug/ml



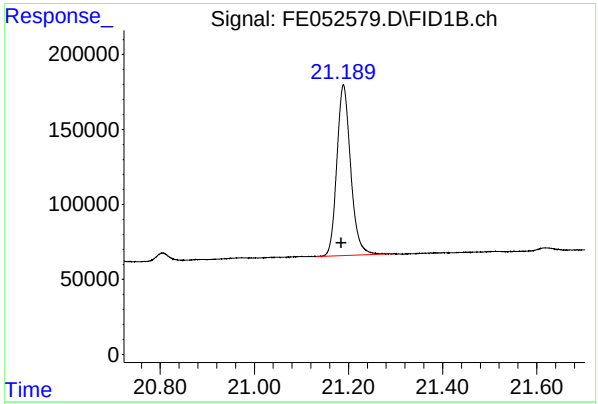
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.002 min
Response: 2786554
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

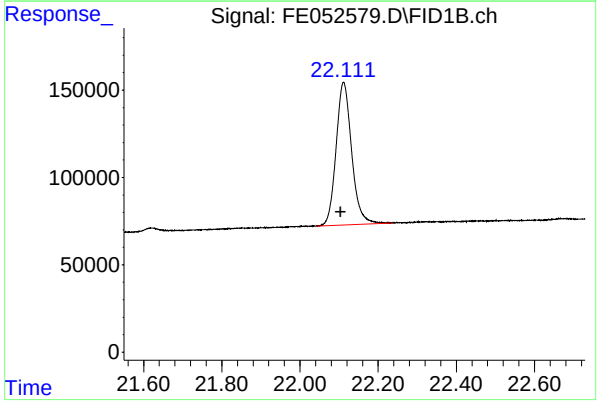
R.T.: 20.448 min
Delta R.T.: 0.003 min
Response: 2490703
Conc: 20.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.005 min
Response: 2317135
Conc: 20.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: 0.007 min
Response: 2256635
Conc: 20.87 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052579.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 13:35
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.252	3.221	3.315	BB	316370	3187537	91.27%	4.890%
2	4.514	4.475	4.581	BB	317352	3233718	92.59%	4.961%
3	6.228	6.191	6.311	BB	353933	3492595	100.00%	5.358%
4	6.696	6.658	6.758	BB	308321	3203904	91.73%	4.915%
5	7.330	7.288	7.421	BB	330915	3339319	95.61%	5.123%
6	8.532	8.495	8.595	BB	289204	3105696	88.92%	4.765%
7	10.147	10.111	10.205	BB	283052	3133929	89.73%	4.808%
8	11.595	11.558	11.655	BB	267693	3112121	89.11%	4.774%
9	11.911	11.871	11.975	BB	320258	3455691	98.94%	5.302%
10	12.910	12.865	12.975	BB	241076	2971006	85.07%	4.558%
11	13.356	13.315	13.421	BB	205009	2497681	71.51%	3.832%
12	13.524	13.485	13.585	BB	236434	2915343	83.47%	4.473%
13	14.111	14.076	14.158	VB	228081	2909985	83.32%	4.464%
14	15.219	15.138	15.278	BB	218919	2928929	83.86%	4.493%
15	16.241	16.091	16.305	BB	220045	2909458	83.30%	4.464%
16	17.194	17.118	17.261	BB	212865	2913880	83.43%	4.470%
17	18.084	18.011	18.155	BB	215009	3032387	86.82%	4.652%
18	18.919	18.871	18.991	BB	209239	2988204	85.56%	4.584%
19	19.705	19.651	19.775	BB	182519	2786554	79.78%	4.275%
20	20.448	20.401	20.535	BB	148923	2490703	71.31%	3.821%
21	21.189	21.131	21.295	BB	113912	2317135	66.34%	3.555%
22	22.111	22.041	22.238	BB	81783	2256635	64.61%	3.462%
			Sum of corrected areas:			65182406		

Aliphatic EPH 030325.M Tue Mar 04 04:16:17 2025

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Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE032425AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE052939.D**						
Aliphatic C9-C12	9562712.000	60.000	3.147	6.791	159378.533	155948.436	-2.200
Aliphatic C12-C16	6277985.000	40.000	6.792	10.244	156949.625	152098.489	-3.189
Aliphatic C16-C21	8955302.000	60.000	10.245	13.623	149255.033	146548.085	-1.847
Aliphatic C21-C28	11091377.000	80.000	13.624	17.297	138642.213	142451.851	2.674
Aliphatic C28-C40	14513964.000	120.000	17.298	22.225	120949.700	127589.108	5.204
Aliphatic EPH	50401340.000	360.000	3.147	22.225	140003.722	141501.588	1.059

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	24 Mar 2025 12:43
Client Sample ID:		Operator:	YP\AJ
Data file:	FE052939.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.147	6.791	9562712.000	60.000	ug/ml
Aliphatic C12-C16	6.792	10.244	6277985.000	40.000	ug/ml
Aliphatic C16-C21	10.245	13.623	8955302.000	60.000	ug/ml
Aliphatic C21-C28	13.624	17.297	11091377.000	80.000	ug/ml
Aliphatic C28-C40	17.298	22.225	14513964.000	120.000	ug/ml
Aliphatic EPH	3.147	22.225	50401340.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FE032425AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE052950.D**						
Aliphatic C9-C12	9782151.000	60.000	3.147	6.791	163035.850	155948.436	-4.545
Aliphatic C12-C16	6351173.000	40.000	6.792	10.244	158779.325	152098.489	-4.392
Aliphatic C16-C21	8991010.000	60.000	10.245	13.623	149850.167	146548.085	-2.253
Aliphatic C21-C28	11184998.000	80.000	13.624	17.297	139812.475	142451.851	1.853
Aliphatic C28-C40	15005050.000	120.000	17.298	22.225	125042.083	127589.108	1.996
Aliphatic EPH	51314382.000	360.000	3.147	22.225	142539.950	141501.588	-0.734

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	24 Mar 2025 20:10
Client Sample ID:		Operator:	YP\AJ
Data file:	FE052950.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.147	6.791	9782151.000	60.000	ug/ml
Aliphatic C12-C16	6.792	10.244	6351173.000	40.000	ug/ml
Aliphatic C16-C21	10.245	13.623	8991010.000	60.000	ug/ml
Aliphatic C21-C28	13.624	17.297	11184998.000	80.000	ug/ml
Aliphatic C28-C40	17.298	22.225	15005050.000	120.000	ug/ml
Aliphatic EPH	3.147	22.225	51314382.000	360.000	ug/ml

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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**			**03/21/25**			**03/21/25**
			Mercury	7471B		03/26/25	03/26/25	
			Metals ICP-TAL	6010D		03/24/25	03/25/25	
Q1626-03	**CO-32-1**	**TCLP**			**03/21/25**			**03/21/25**
			TCLP ICP Metals	6010D		03/25/25	03/26/25	
			TCLP Mercury	7470A		03/25/25	03/26/25	

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q1626 **Order ID:** Q1626

Client: Walsh Construction Company II, LLC **Project ID:** Walsh CO-032 Sampling

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : CO-32-1								
Q1626-01	CO-32-1	SOIL	Aluminum	3600		2.28	4.73	mg/Kg
Q1626-01	CO-32-1	SOIL	Antimony	1.26	J	0.14	2.37	mg/Kg
Q1626-01	CO-32-1	SOIL	Arsenic	3.74		0.27	0.95	mg/Kg
Q1626-01	CO-32-1	SOIL	Barium	179		0.61	4.73	mg/Kg
Q1626-01	CO-32-1	SOIL	Beryllium	0.35		0.011	0.28	mg/Kg
Q1626-01	CO-32-1	SOIL	Cadmium	5.35		0.015	0.28	mg/Kg
Q1626-01	CO-32-1	SOIL	Calcium	8860		2.65	94.6	mg/Kg
Q1626-01	CO-32-1	SOIL	Chromium	21.3		0.051	0.47	mg/Kg
Q1626-01	CO-32-1	SOIL	Cobalt	10.4		0.055	1.42	mg/Kg
Q1626-01	CO-32-1	SOIL	Copper	160		0.45	0.95	mg/Kg
Q1626-01	CO-32-1	SOIL	Iron	16900		2.54	4.73	mg/Kg
Q1626-01	CO-32-1	SOIL	Lead	453		0.14	0.57	mg/Kg
Q1626-01	CO-32-1	SOIL	Magnesium	2120		3.24	94.6	mg/Kg
Q1626-01	CO-32-1	SOIL	Manganese	180		0.067	0.95	mg/Kg
Q1626-01	CO-32-1	SOIL	Mercury	0.53		0.0080	0.014	mg/Kg
Q1626-01	CO-32-1	SOIL	Nickel	28.8		0.085	1.89	mg/Kg
Q1626-01	CO-32-1	SOIL	Potassium	1080		27.2	94.6	mg/Kg
Q1626-01	CO-32-1	SOIL	Silver	0.49		0.049	0.47	mg/Kg
Q1626-01	CO-32-1	SOIL	Sodium	204		34.2	94.6	mg/Kg
Q1626-01	CO-32-1	SOIL	Thallium	0.42	J	0.42	1.89	mg/Kg
Q1626-01	CO-32-1	SOIL	Vanadium	15.7		0.26	1.89	mg/Kg
Q1626-01	CO-32-1	SOIL	Zinc	687		0.10	1.89	mg/Kg

SAMPLE DATA

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

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:	Q1626-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3600		1	2.28	4.73	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-36-0	Antimony	1.26	JN	1	0.14	2.37	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-38-2	Arsenic	3.74		1	0.27	0.95	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-39-3	Barium	179		1	0.61	4.73	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-41-7	Beryllium	0.35	N	1	0.011	0.28	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-43-9	Cadmium	5.35		1	0.015	0.28	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-70-2	Calcium	8860		1	2.65	94.6	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-47-3	Chromium	21.3		1	0.051	0.47	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-48-4	Cobalt	10.4		1	0.055	1.42	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-50-8	Copper	160		1	0.45	0.95	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7439-89-6	Iron	16900		1	2.54	4.73	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7439-92-1	Lead	453		1	0.14	0.57	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7439-95-4	Magnesium	2120		1	3.24	94.6	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7439-96-5	Manganese	180		1	0.067	0.95	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7439-97-6	Mercury	0.53		1	0.0080	0.014	mg/Kg	03/26/25 08:10	03/26/25 12:09	SW7471B	
7440-02-0	Nickel	28.8		1	0.085	1.89	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-09-7	Potassium	1080		1	27.2	94.6	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7782-49-2	Selenium	0.31	U	1	0.31	0.95	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-22-4	Silver	0.49		1	0.049	0.47	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-23-5	Sodium	204	N	1	34.2	94.6	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-28-0	Thallium	0.42	J	1	0.42	1.89	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-62-2	Vanadium	15.7		1	0.26	1.89	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050
7440-66-6	Zinc	687		1	0.10	1.89	mg/Kg	03/24/25 08:40	03/25/25 14:02	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS TAL+CN				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV62	Mercury	4.01	4.0	100	90 - 110	CV	03/26/2025	11:23	LB135193

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV84	Mercury	5.12	5.0	102	90 - 110	CV	03/26/2025	11:32	LB135193
CCV85	Mercury	4.65	5.0	93	90 - 110	CV	03/26/2025	12:19	LB135193
CCV86	Mercury	4.65	5.0	93	90 - 110	CV	03/26/2025	12:50	LB135193
CCV87	Mercury	4.51	5.0	90	90 - 110	CV	03/26/2025	13:29	LB135193

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2460	2500	98	90 - 110	P	03/25/2025	10:03	LB135182
	Antimony	1000	1000	100	90 - 110	P	03/25/2025	10:03	LB135182
	Arsenic	989	1000	99	90 - 110	P	03/25/2025	10:03	LB135182
	Barium	493	520	95	90 - 110	P	03/25/2025	10:03	LB135182
	Beryllium	470	510	92	90 - 110	P	03/25/2025	10:03	LB135182
	Cadmium	494	510	97	90 - 110	P	03/25/2025	10:03	LB135182
	Calcium	9780	10000	98	90 - 110	P	03/25/2025	10:03	LB135182
	Chromium	518	520	100	90 - 110	P	03/25/2025	10:03	LB135182
	Cobalt	505	520	97	90 - 110	P	03/25/2025	10:03	LB135182
	Copper	526	510	103	90 - 110	P	03/25/2025	10:03	LB135182
	Iron	9990	10000	100	90 - 110	P	03/25/2025	10:03	LB135182
	Lead	975	1000	98	90 - 110	P	03/25/2025	10:03	LB135182
	Magnesium	5720	6000	95	90 - 110	P	03/25/2025	10:03	LB135182
	Manganese	498	520	96	90 - 110	P	03/25/2025	10:03	LB135182
	Nickel	508	530	96	90 - 110	P	03/25/2025	10:03	LB135182
	Potassium	9900	9900	100	90 - 110	P	03/25/2025	10:03	LB135182
	Selenium	1020	1000	102	90 - 110	P	03/25/2025	10:03	LB135182
	Silver	253	250	101	90 - 110	P	03/25/2025	10:03	LB135182
	Sodium	9650	10000	96	90 - 110	P	03/25/2025	10:03	LB135182
	Thallium	1040	1000	104	90 - 110	P	03/25/2025	10:03	LB135182
	Vanadium	483	500	96	90 - 110	P	03/25/2025	10:03	LB135182
	Zinc	1010	1000	101	90 - 110	P	03/25/2025	10:03	LB135182

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	97.7	100	98	80 - 120	P	03/25/2025	10:14	LB135182
	Antimony	51.8	50.0	104	80 - 120	P	03/25/2025	10:14	LB135182
	Arsenic	18.5	20.0	93	80 - 120	P	03/25/2025	10:14	LB135182
	Barium	91.1	100	91	80 - 120	P	03/25/2025	10:14	LB135182
	Beryllium	5.83	6.0	97	80 - 120	P	03/25/2025	10:14	LB135182
	Cadmium	5.74	6.0	96	80 - 120	P	03/25/2025	10:14	LB135182
	Calcium	1980	2000	99	80 - 120	P	03/25/2025	10:14	LB135182
	Chromium	9.50	10.0	95	80 - 120	P	03/25/2025	10:14	LB135182
	Cobalt	29.2	30.0	97	80 - 120	P	03/25/2025	10:14	LB135182
	Copper	22.7	20.0	114	80 - 120	P	03/25/2025	10:14	LB135182
	Iron	95.4	100	95	80 - 120	P	03/25/2025	10:14	LB135182
	Lead	11.2	12.0	93	80 - 120	P	03/25/2025	10:14	LB135182
	Magnesium	2090	2000	104	80 - 120	P	03/25/2025	10:14	LB135182
	Manganese	18.8	20.0	94	80 - 120	P	03/25/2025	10:14	LB135182
	Nickel	39.0	40.0	98	80 - 120	P	03/25/2025	10:14	LB135182
	Potassium	1990	2000	100	80 - 120	P	03/25/2025	10:14	LB135182
	Selenium	21.7	20.0	108	80 - 120	P	03/25/2025	10:14	LB135182
	Silver	10.9	10.0	109	80 - 120	P	03/25/2025	10:14	LB135182
	Sodium	1870	2000	93	80 - 120	P	03/25/2025	10:14	LB135182
	Thallium	39.5	40.0	99	80 - 120	P	03/25/2025	10:14	LB135182
	Vanadium	39.3	40.0	98	80 - 120	P	03/25/2025	10:14	LB135182
	Zinc	43.0	40.0	108	80 - 120	P	03/25/2025	10:14	LB135182

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9850	10000	98	90 - 110	P	03/25/2025	10:35	LB135182
	Antimony	5180	5000	104	90 - 110	P	03/25/2025	10:35	LB135182
	Arsenic	5140	5000	103	90 - 110	P	03/25/2025	10:35	LB135182
	Barium	9690	10000	97	90 - 110	P	03/25/2025	10:35	LB135182
	Beryllium	237	250	95	90 - 110	P	03/25/2025	10:35	LB135182
	Cadmium	2470	2500	99	90 - 110	P	03/25/2025	10:35	LB135182
	Calcium	24000	25000	96	90 - 110	P	03/25/2025	10:35	LB135182
	Chromium	1010	1000	101	90 - 110	P	03/25/2025	10:35	LB135182
	Cobalt	2470	2500	99	90 - 110	P	03/25/2025	10:35	LB135182
	Copper	1280	1250	102	90 - 110	P	03/25/2025	10:35	LB135182
	Iron	5010	5000	100	90 - 110	P	03/25/2025	10:35	LB135182
	Lead	4980	5000	100	90 - 110	P	03/25/2025	10:35	LB135182
	Magnesium	24100	25000	96	90 - 110	P	03/25/2025	10:35	LB135182
	Manganese	2380	2500	95	90 - 110	P	03/25/2025	10:35	LB135182
	Nickel	2460	2500	98	90 - 110	P	03/25/2025	10:35	LB135182
	Potassium	25600	25000	102	90 - 110	P	03/25/2025	10:35	LB135182
	Selenium	5200	5000	104	90 - 110	P	03/25/2025	10:35	LB135182
	Silver	1260	1250	101	90 - 110	P	03/25/2025	10:35	LB135182
	Sodium	25100	25000	100	90 - 110	P	03/25/2025	10:35	LB135182
	Thallium	5100	5000	102	90 - 110	P	03/25/2025	10:35	LB135182
	Vanadium	2450	2500	98	90 - 110	P	03/25/2025	10:35	LB135182
	Zinc	2550	2500	102	90 - 110	P	03/25/2025	10:35	LB135182
CCV02	Aluminum	9680	10000	97	90 - 110	P	03/25/2025	11:27	LB135182
	Antimony	5000	5000	100	90 - 110	P	03/25/2025	11:27	LB135182
	Arsenic	4950	5000	99	90 - 110	P	03/25/2025	11:27	LB135182
	Barium	9380	10000	94	90 - 110	P	03/25/2025	11:27	LB135182
	Beryllium	234	250	94	90 - 110	P	03/25/2025	11:27	LB135182
	Cadmium	2390	2500	96	90 - 110	P	03/25/2025	11:27	LB135182
	Calcium	23200	25000	93	90 - 110	P	03/25/2025	11:27	LB135182
	Chromium	987	1000	99	90 - 110	P	03/25/2025	11:27	LB135182
	Cobalt	2400	2500	96	90 - 110	P	03/25/2025	11:27	LB135182
	Copper	1250	1250	100	90 - 110	P	03/25/2025	11:27	LB135182
	Iron	4820	5000	96	90 - 110	P	03/25/2025	11:27	LB135182
	Lead	4810	5000	96	90 - 110	P	03/25/2025	11:27	LB135182

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23400	25000	94	90 - 110	P	03/25/2025	11:27	LB135182
	Manganese	2300	2500	92	90 - 110	P	03/25/2025	11:27	LB135182
	Nickel	2390	2500	96	90 - 110	P	03/25/2025	11:27	LB135182
	Potassium	24900	25000	100	90 - 110	P	03/25/2025	11:27	LB135182
	Selenium	4980	5000	100	90 - 110	P	03/25/2025	11:27	LB135182
	Silver	1230	1250	99	90 - 110	P	03/25/2025	11:27	LB135182
	Sodium	24300	25000	97	90 - 110	P	03/25/2025	11:27	LB135182
	Thallium	4940	5000	99	90 - 110	P	03/25/2025	11:27	LB135182
	Vanadium	2380	2500	95	90 - 110	P	03/25/2025	11:27	LB135182
	Zinc	2490	2500	99	90 - 110	P	03/25/2025	11:27	LB135182
CCV03	Aluminum	9630	10000	96	90 - 110	P	03/25/2025	12:29	LB135182
	Antimony	5090	5000	102	90 - 110	P	03/25/2025	12:29	LB135182
	Arsenic	5010	5000	100	90 - 110	P	03/25/2025	12:29	LB135182
	Barium	9540	10000	95	90 - 110	P	03/25/2025	12:29	LB135182
	Beryllium	226	250	90	90 - 110	P	03/25/2025	12:29	LB135182
	Cadmium	2390	2500	96	90 - 110	P	03/25/2025	12:29	LB135182
	Calcium	23100	25000	92	90 - 110	P	03/25/2025	12:29	LB135182
	Chromium	989	1000	99	90 - 110	P	03/25/2025	12:29	LB135182
	Cobalt	2410	2500	96	90 - 110	P	03/25/2025	12:29	LB135182
	Copper	1260	1250	101	90 - 110	P	03/25/2025	12:29	LB135182
	Iron	4970	5000	100	90 - 110	P	03/25/2025	12:29	LB135182
	Lead	4830	5000	97	90 - 110	P	03/25/2025	12:29	LB135182
	Magnesium	23000	25000	92	90 - 110	P	03/25/2025	12:29	LB135182
	Manganese	2300	2500	92	90 - 110	P	03/25/2025	12:29	LB135182
	Nickel	2400	2500	96	90 - 110	P	03/25/2025	12:29	LB135182
	Potassium	25800	25000	103	90 - 110	P	03/25/2025	12:29	LB135182
	Selenium	5070	5000	101	90 - 110	P	03/25/2025	12:29	LB135182
	Silver	1240	1250	99	90 - 110	P	03/25/2025	12:29	LB135182
	Sodium	25300	25000	101	90 - 110	P	03/25/2025	12:29	LB135182
	Thallium	4900	5000	98	90 - 110	P	03/25/2025	12:29	LB135182
	Vanadium	2380	2500	95	90 - 110	P	03/25/2025	12:29	LB135182
	Zinc	2510	2500	100	90 - 110	P	03/25/2025	12:29	LB135182
CCV04	Aluminum	9930	10000	99	90 - 110	P	03/25/2025	13:33	LB135182
	Antimony	5280	5000	106	90 - 110	P	03/25/2025	13:33	LB135182

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5180	5000	104	90 - 110	P	03/25/2025	13:33	LB135182
	Barium	9950	10000	100	90 - 110	P	03/25/2025	13:33	LB135182
	Beryllium	229	250	92	90 - 110	P	03/25/2025	13:33	LB135182
	Cadmium	2450	2500	98	90 - 110	P	03/25/2025	13:33	LB135182
	Calcium	23700	25000	95	90 - 110	P	03/25/2025	13:33	LB135182
	Chromium	1000	1000	100	90 - 110	P	03/25/2025	13:33	LB135182
	Cobalt	2470	2500	99	90 - 110	P	03/25/2025	13:33	LB135182
	Copper	1300	1250	104	90 - 110	P	03/25/2025	13:33	LB135182
	Iron	5140	5000	103	90 - 110	P	03/25/2025	13:33	LB135182
	Lead	4940	5000	99	90 - 110	P	03/25/2025	13:33	LB135182
	Magnesium	23500	25000	94	90 - 110	P	03/25/2025	13:33	LB135182
	Manganese	2360	2500	94	90 - 110	P	03/25/2025	13:33	LB135182
	Nickel	2460	2500	98	90 - 110	P	03/25/2025	13:33	LB135182
	Potassium	26700	25000	107	90 - 110	P	03/25/2025	13:33	LB135182
	Selenium	5260	5000	105	90 - 110	P	03/25/2025	13:33	LB135182
	Silver	1270	1250	102	90 - 110	P	03/25/2025	13:33	LB135182
	Sodium	26300	25000	105	90 - 110	P	03/25/2025	13:33	LB135182
	Thallium	5070	5000	102	90 - 110	P	03/25/2025	13:33	LB135182
	Vanadium	2450	2500	98	90 - 110	P	03/25/2025	13:33	LB135182
	Zinc	2590	2500	103	90 - 110	P	03/25/2025	13:33	LB135182
CCV05	Aluminum	9940	10000	99	90 - 110	P	03/25/2025	14:38	LB135182
	Antimony	5280	5000	106	90 - 110	P	03/25/2025	14:38	LB135182
	Arsenic	5180	5000	104	90 - 110	P	03/25/2025	14:38	LB135182
	Barium	9740	10000	97	90 - 110	P	03/25/2025	14:38	LB135182
	Beryllium	227	250	91	90 - 110	P	03/25/2025	14:38	LB135182
	Cadmium	2420	2500	97	90 - 110	P	03/25/2025	14:38	LB135182
	Calcium	23500	25000	94	90 - 110	P	03/25/2025	14:38	LB135182
	Chromium	1000	1000	100	90 - 110	P	03/25/2025	14:38	LB135182
	Cobalt	2440	2500	98	90 - 110	P	03/25/2025	14:38	LB135182
	Copper	1280	1250	103	90 - 110	P	03/25/2025	14:38	LB135182
	Iron	5080	5000	102	90 - 110	P	03/25/2025	14:38	LB135182
	Lead	4900	5000	98	90 - 110	P	03/25/2025	14:38	LB135182
	Magnesium	23500	25000	94	90 - 110	P	03/25/2025	14:38	LB135182
	Manganese	2330	2500	93	90 - 110	P	03/25/2025	14:38	LB135182

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2430	2500	97	90 - 110	P	03/25/2025	14:38	LB135182
	Potassium	26700	25000	107	90 - 110	P	03/25/2025	14:38	LB135182
	Selenium	5260	5000	105	90 - 110	P	03/25/2025	14:38	LB135182
	Silver	1260	1250	101	90 - 110	P	03/25/2025	14:38	LB135182
	Sodium	25900	25000	104	90 - 110	P	03/25/2025	14:38	LB135182
	Thallium	4980	5000	100	90 - 110	P	03/25/2025	14:38	LB135182
	Vanadium	2440	2500	98	90 - 110	P	03/25/2025	14:38	LB135182
	Zinc	2560	2500	103	90 - 110	P	03/25/2025	14:38	LB135182
CCV06	Aluminum	9890	10000	99	90 - 110	P	03/25/2025	15:46	LB135182
	Antimony	5310	5000	106	90 - 110	P	03/25/2025	15:46	LB135182
	Arsenic	5190	5000	104	90 - 110	P	03/25/2025	15:46	LB135182
	Barium	9910	10000	99	90 - 110	P	03/25/2025	15:46	LB135182
	Beryllium	227	250	91	90 - 110	P	03/25/2025	15:46	LB135182
	Cadmium	2440	2500	98	90 - 110	P	03/25/2025	15:46	LB135182
	Calcium	23500	25000	94	90 - 110	P	03/25/2025	15:46	LB135182
	Chromium	1000	1000	100	90 - 110	P	03/25/2025	15:46	LB135182
	Cobalt	2460	2500	98	90 - 110	P	03/25/2025	15:46	LB135182
	Copper	1300	1250	104	90 - 110	P	03/25/2025	15:46	LB135182
	Iron	5100	5000	102	90 - 110	P	03/25/2025	15:46	LB135182
	Lead	4930	5000	98	90 - 110	P	03/25/2025	15:46	LB135182
	Magnesium	23300	25000	93	90 - 110	P	03/25/2025	15:46	LB135182
	Manganese	2340	2500	94	90 - 110	P	03/25/2025	15:46	LB135182
	Nickel	2450	2500	98	90 - 110	P	03/25/2025	15:46	LB135182
	Potassium	26800	25000	107	90 - 110	P	03/25/2025	15:46	LB135182
	Selenium	5270	5000	105	90 - 110	P	03/25/2025	15:46	LB135182
	Silver	1260	1250	101	90 - 110	P	03/25/2025	15:46	LB135182
	Sodium	26400	25000	106	90 - 110	P	03/25/2025	15:46	LB135182
	Thallium	4930	5000	99	90 - 110	P	03/25/2025	15:46	LB135182
	Vanadium	2440	2500	98	90 - 110	P	03/25/2025	15:46	LB135182
	Zinc	2570	2500	103	90 - 110	P	03/25/2025	15:46	LB135182
CCV07	Aluminum	9650	10000	96	90 - 110	P	03/25/2025	16:40	LB135182
	Antimony	5060	5000	101	90 - 110	P	03/25/2025	16:40	LB135182
	Arsenic	4970	5000	99	90 - 110	P	03/25/2025	16:40	LB135182
	Barium	9510	10000	95	90 - 110	P	03/25/2025	16:40	LB135182

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	225	250	90	90 - 110	P	03/25/2025	16:40	LB135182
	Cadmium	2380	2500	95	90 - 110	P	03/25/2025	16:40	LB135182
	Calcium	22800	25000	91	90 - 110	P	03/25/2025	16:40	LB135182
	Chromium	972	1000	97	90 - 110	P	03/25/2025	16:40	LB135182
	Cobalt	2400	2500	96	90 - 110	P	03/25/2025	16:40	LB135182
	Copper	1250	1250	100	90 - 110	P	03/25/2025	16:40	LB135182
	Iron	4830	5000	97	90 - 110	P	03/25/2025	16:40	LB135182
	Lead	4770	5000	96	90 - 110	P	03/25/2025	16:40	LB135182
	Magnesium	22700	25000	91	90 - 110	P	03/25/2025	16:40	LB135182
	Manganese	2260	2500	90	90 - 110	P	03/25/2025	16:40	LB135182
	Nickel	2400	2500	96	90 - 110	P	03/25/2025	16:40	LB135182
	Potassium	25000	25000	100	90 - 110	P	03/25/2025	16:40	LB135182
	Selenium	5020	5000	100	90 - 110	P	03/25/2025	16:40	LB135182
	Silver	1220	1250	98	90 - 110	P	03/25/2025	16:40	LB135182
	Sodium	24400	25000	98	90 - 110	P	03/25/2025	16:40	LB135182
	Thallium	4770	5000	95	90 - 110	P	03/25/2025	16:40	LB135182
	Vanadium	2360	2500	94	90 - 110	P	03/25/2025	16:40	LB135182
	Zinc	2480	2500	99	90 - 110	P	03/25/2025	16:40	LB135182
CCV08	Aluminum	9700	10000	97	90 - 110	P	03/25/2025	17:01	LB135182
	Antimony	5070	5000	101	90 - 110	P	03/25/2025	17:01	LB135182
	Arsenic	5000	5000	100	90 - 110	P	03/25/2025	17:01	LB135182
	Barium	9410	10000	94	90 - 110	P	03/25/2025	17:01	LB135182
	Beryllium	234	250	94	90 - 110	P	03/25/2025	17:01	LB135182
	Cadmium	2410	2500	96	90 - 110	P	03/25/2025	17:01	LB135182
	Calcium	23200	25000	93	90 - 110	P	03/25/2025	17:01	LB135182
	Chromium	994	1000	99	90 - 110	P	03/25/2025	17:01	LB135182
	Cobalt	2430	2500	97	90 - 110	P	03/25/2025	17:01	LB135182
	Copper	1260	1250	101	90 - 110	P	03/25/2025	17:01	LB135182
	Iron	4880	5000	98	90 - 110	P	03/25/2025	17:01	LB135182
	Lead	4840	5000	97	90 - 110	P	03/25/2025	17:01	LB135182
	Magnesium	23300	25000	93	90 - 110	P	03/25/2025	17:01	LB135182
	Manganese	2300	2500	92	90 - 110	P	03/25/2025	17:01	LB135182
	Nickel	2430	2500	97	90 - 110	P	03/25/2025	17:01	LB135182
	Potassium	24900	25000	99	90 - 110	P	03/25/2025	17:01	LB135182

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	5050	5000	101	90 - 110	P	03/25/2025	17:01	LB135182
	Silver	1240	1250	99	90 - 110	P	03/25/2025	17:01	LB135182
	Sodium	24000	25000	96	90 - 110	P	03/25/2025	17:01	LB135182
	Thallium	4810	5000	96	90 - 110	P	03/25/2025	17:01	LB135182
	Vanadium	2390	2500	96	90 - 110	P	03/25/2025	17:01	LB135182
	Zinc	2500	2500	100	90 - 110	P	03/25/2025	17:01	LB135182

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Metals

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CRDL STANDARD FOR AA & ICP

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	99.3	100	99	40 - 160	P	03/25/2025	10:22	LB135182
	Antimony	52.8	50.0	106	40 - 160	P	03/25/2025	10:22	LB135182
	Arsenic	21.2	20.0	106	40 - 160	P	03/25/2025	10:22	LB135182
	Barium	91.1	100	91	40 - 160	P	03/25/2025	10:22	LB135182
	Beryllium	5.76	6.0	96	40 - 160	P	03/25/2025	10:22	LB135182
	Cadmium	5.71	6.0	95	40 - 160	P	03/25/2025	10:22	LB135182
	Calcium	1960	2000	98	40 - 160	P	03/25/2025	10:22	LB135182
	Chromium	9.81	10.0	98	40 - 160	P	03/25/2025	10:22	LB135182
	Cobalt	28.9	30.0	96	40 - 160	P	03/25/2025	10:22	LB135182
	Copper	22.2	20.0	111	40 - 160	P	03/25/2025	10:22	LB135182
	Iron	98.2	100	98	40 - 160	P	03/25/2025	10:22	LB135182
	Lead	11.8	12.0	98	40 - 160	P	03/25/2025	10:22	LB135182
	Magnesium	2070	2000	104	40 - 160	P	03/25/2025	10:22	LB135182
	Manganese	18.7	20.0	93	40 - 160	P	03/25/2025	10:22	LB135182
	Nickel	39.0	40.0	98	40 - 160	P	03/25/2025	10:22	LB135182
	Potassium	2020	2000	101	40 - 160	P	03/25/2025	10:22	LB135182
	Selenium	21.9	20.0	110	40 - 160	P	03/25/2025	10:22	LB135182
	Silver	11.2	10.0	112	40 - 160	P	03/25/2025	10:22	LB135182
	Sodium	1880	2000	94	40 - 160	P	03/25/2025	10:22	LB135182
	Thallium	40.3	40.0	101	40 - 160	P	03/25/2025	10:22	LB135182
	Vanadium	39.5	40.0	99	40 - 160	P	03/25/2025	10:22	LB135182
	Zinc	42.3	40.0	106	40 - 160	P	03/25/2025	10:22	LB135182
CRA	Mercury	0.23	0.2	117	40 - 160	CV	03/26/2025	11:47	LB135193

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB62	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	11:29	LB135193

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB84	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	11:37	LB135193
CCB85	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	12:25	LB135193
CCB86	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	12:55	LB135193
CCB87	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	13:34	LB135193

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	03/25/2025	10:18	LB135182
	Antimony	50.0	+/-50.0	U	50.0	P	03/25/2025	10:18	LB135182
	Arsenic	20.0	+/-20.0	U	20.0	P	03/25/2025	10:18	LB135182
	Barium	100	+/-100	U	100	P	03/25/2025	10:18	LB135182
	Beryllium	6.00	+/-6.00	U	6.00	P	03/25/2025	10:18	LB135182
	Cadmium	6.00	+/-6.00	U	6.00	P	03/25/2025	10:18	LB135182
	Calcium	2000	+/-2000	U	2000	P	03/25/2025	10:18	LB135182
	Chromium	10.0	+/-10.0	U	10.0	P	03/25/2025	10:18	LB135182
	Cobalt	30.0	+/-30.0	U	30.0	P	03/25/2025	10:18	LB135182
	Copper	20.0	+/-20.0	U	20.0	P	03/25/2025	10:18	LB135182
	Iron	100	+/-100	U	100	P	03/25/2025	10:18	LB135182
	Lead	12.0	+/-12.0	U	12.0	P	03/25/2025	10:18	LB135182
	Magnesium	2000	+/-2000	U	2000	P	03/25/2025	10:18	LB135182
	Manganese	20.0	+/-20.0	U	20.0	P	03/25/2025	10:18	LB135182
	Nickel	40.0	+/-40.0	U	40.0	P	03/25/2025	10:18	LB135182
	Potassium	2000	+/-2000	U	2000	P	03/25/2025	10:18	LB135182
	Selenium	20.0	+/-20.0	U	20.0	P	03/25/2025	10:18	LB135182
	Silver	10.0	+/-10.0	U	10.0	P	03/25/2025	10:18	LB135182
	Sodium	2000	+/-2000	U	2000	P	03/25/2025	10:18	LB135182
	Thallium	40.0	+/-40.0	U	40.0	P	03/25/2025	10:18	LB135182
	Vanadium	40.0	+/-40.0	U	40.0	P	03/25/2025	10:18	LB135182
	Zinc	40.0	+/-40.0	U	40.0	P	03/25/2025	10:18	LB135182

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	03/25/2025	10:40	LB135182
	Antimony	50.0	+/-50.0	U	50.0	P	03/25/2025	10:40	LB135182
	Arsenic	20.0	+/-20.0	U	20.0	P	03/25/2025	10:40	LB135182
	Barium	100	+/-100	U	100	P	03/25/2025	10:40	LB135182
	Beryllium	6.00	+/-6.00	U	6.00	P	03/25/2025	10:40	LB135182
	Cadmium	6.00	+/-6.00	U	6.00	P	03/25/2025	10:40	LB135182
	Calcium	2000	+/-2000	U	2000	P	03/25/2025	10:40	LB135182
	Chromium	10.0	+/-10.0	U	10.0	P	03/25/2025	10:40	LB135182
	Cobalt	30.0	+/-30.0	U	30.0	P	03/25/2025	10:40	LB135182
	Copper	20.0	+/-20.0	U	20.0	P	03/25/2025	10:40	LB135182
	Iron	100	+/-100	U	100	P	03/25/2025	10:40	LB135182
	Lead	12.0	+/-12.0	U	12.0	P	03/25/2025	10:40	LB135182
	Magnesium	2000	+/-2000	U	2000	P	03/25/2025	10:40	LB135182
	Manganese	20.0	+/-20.0	U	20.0	P	03/25/2025	10:40	LB135182
	Nickel	40.0	+/-40.0	U	40.0	P	03/25/2025	10:40	LB135182
	Potassium	2000	+/-2000	U	2000	P	03/25/2025	10:40	LB135182
	Selenium	20.0	+/-20.0	U	20.0	P	03/25/2025	10:40	LB135182
	Silver	10.0	+/-10.0	U	10.0	P	03/25/2025	10:40	LB135182
	Sodium	2000	+/-2000	U	2000	P	03/25/2025	10:40	LB135182
	Thallium	40.0	+/-40.0	U	40.0	P	03/25/2025	10:40	LB135182
	Vanadium	40.0	+/-40.0	U	40.0	P	03/25/2025	10:40	LB135182
	Zinc	40.0	+/-40.0	U	40.0	P	03/25/2025	10:40	LB135182
CCB02	Aluminum	100	+/-100	U	100	P	03/25/2025	11:31	LB135182
	Antimony	50.0	+/-50.0	U	50.0	P	03/25/2025	11:31	LB135182
	Arsenic	20.0	+/-20.0	U	20.0	P	03/25/2025	11:31	LB135182
	Barium	100	+/-100	U	100	P	03/25/2025	11:31	LB135182
	Beryllium	6.00	+/-6.00	U	6.00	P	03/25/2025	11:31	LB135182
	Cadmium	6.00	+/-6.00	U	6.00	P	03/25/2025	11:31	LB135182
	Calcium	2000	+/-2000	U	2000	P	03/25/2025	11:31	LB135182
	Chromium	10.0	+/-10.0	U	10.0	P	03/25/2025	11:31	LB135182
	Cobalt	30.0	+/-30.0	U	30.0	P	03/25/2025	11:31	LB135182
	Copper	20.0	+/-20.0	U	20.0	P	03/25/2025	11:31	LB135182
	Iron	100	+/-100	U	100	P	03/25/2025	11:31	LB135182
	Lead	12.0	+/-12.0	U	12.0	P	03/25/2025	11:31	LB135182
	Magnesium	2000	+/-2000	U	2000	P	03/25/2025	11:31	LB135182
	Manganese	20.0	+/-20.0	U	20.0	P	03/25/2025	11:31	LB135182
	Nickel	40.0	+/-40.0	U	40.0	P	03/25/2025	11:31	LB135182
	Potassium	2000	+/-2000	U	2000	P	03/25/2025	11:31	LB135182
	Selenium	20.0	+/-20.0	U	20.0	P	03/25/2025	11:31	LB135182

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	03/25/2025	11:31	LB135182
	Sodium	2000	+/-2000	U	2000	P	03/25/2025	11:31	LB135182
	Thallium	40.0	+/-40.0	U	40.0	P	03/25/2025	11:31	LB135182
	Vanadium	40.0	+/-40.0	U	40.0	P	03/25/2025	11:31	LB135182
	Zinc	40.0	+/-40.0	U	40.0	P	03/25/2025	11:31	LB135182
CCB03	Aluminum	100	+/-100	U	100	P	03/25/2025	12:33	LB135182
	Antimony	50.0	+/-50.0	U	50.0	P	03/25/2025	12:33	LB135182
	Arsenic	20.0	+/-20.0	U	20.0	P	03/25/2025	12:33	LB135182
	Barium	100	+/-100	U	100	P	03/25/2025	12:33	LB135182
	Beryllium	6.00	+/-6.00	U	6.00	P	03/25/2025	12:33	LB135182
	Cadmium	6.00	+/-6.00	U	6.00	P	03/25/2025	12:33	LB135182
	Calcium	2000	+/-2000	U	2000	P	03/25/2025	12:33	LB135182
	Chromium	10.0	+/-10.0	U	10.0	P	03/25/2025	12:33	LB135182
	Cobalt	30.0	+/-30.0	U	30.0	P	03/25/2025	12:33	LB135182
	Copper	20.0	+/-20.0	U	20.0	P	03/25/2025	12:33	LB135182
	Iron	100	+/-100	U	100	P	03/25/2025	12:33	LB135182
	Lead	12.0	+/-12.0	U	12.0	P	03/25/2025	12:33	LB135182
	Magnesium	2000	+/-2000	U	2000	P	03/25/2025	12:33	LB135182
	Manganese	20.0	+/-20.0	U	20.0	P	03/25/2025	12:33	LB135182
	Nickel	40.0	+/-40.0	U	40.0	P	03/25/2025	12:33	LB135182
	Potassium	2000	+/-2000	U	2000	P	03/25/2025	12:33	LB135182
	Selenium	20.0	+/-20.0	U	20.0	P	03/25/2025	12:33	LB135182
	Silver	10.0	+/-10.0	U	10.0	P	03/25/2025	12:33	LB135182
	Sodium	2000	+/-2000	U	2000	P	03/25/2025	12:33	LB135182
	Thallium	40.0	+/-40.0	U	40.0	P	03/25/2025	12:33	LB135182
	Vanadium	40.0	+/-40.0	U	40.0	P	03/25/2025	12:33	LB135182
	Zinc	40.0	+/-40.0	U	40.0	P	03/25/2025	12:33	LB135182
CCB04	Aluminum	100	+/-100	U	100	P	03/25/2025	13:42	LB135182
	Antimony	50.0	+/-50.0	U	50.0	P	03/25/2025	13:42	LB135182
	Arsenic	20.0	+/-20.0	U	20.0	P	03/25/2025	13:42	LB135182
	Barium	100	+/-100	U	100	P	03/25/2025	13:42	LB135182
	Beryllium	6.00	+/-6.00	U	6.00	P	03/25/2025	13:42	LB135182
	Cadmium	6.00	+/-6.00	U	6.00	P	03/25/2025	13:42	LB135182
	Calcium	2000	+/-2000	U	2000	P	03/25/2025	13:42	LB135182
	Chromium	10.0	+/-10.0	U	10.0	P	03/25/2025	13:42	LB135182
	Cobalt	30.0	+/-30.0	U	30.0	P	03/25/2025	13:42	LB135182
	Copper	20.0	+/-20.0	U	20.0	P	03/25/2025	13:42	LB135182
	Iron	100	+/-100	U	100	P	03/25/2025	13:42	LB135182
	Lead	12.0	+/-12.0	U	12.0	P	03/25/2025	13:42	LB135182

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	03/25/2025	13:42	LB135182
	Manganese	20.0	+/-20.0	U	20.0	P	03/25/2025	13:42	LB135182
	Nickel	40.0	+/-40.0	U	40.0	P	03/25/2025	13:42	LB135182
	Potassium	2000	+/-2000	U	2000	P	03/25/2025	13:42	LB135182
	Selenium	20.0	+/-20.0	U	20.0	P	03/25/2025	13:42	LB135182
	Silver	10.0	+/-10.0	U	10.0	P	03/25/2025	13:42	LB135182
	Sodium	2000	+/-2000	U	2000	P	03/25/2025	13:42	LB135182
	Thallium	40.0	+/-40.0	U	40.0	P	03/25/2025	13:42	LB135182
	Vanadium	40.0	+/-40.0	U	40.0	P	03/25/2025	13:42	LB135182
	Zinc	40.0	+/-40.0	U	40.0	P	03/25/2025	13:42	LB135182
CCB05	Aluminum	100	+/-100	U	100	P	03/25/2025	14:48	LB135182
	Antimony	50.0	+/-50.0	U	50.0	P	03/25/2025	14:48	LB135182
	Arsenic	20.0	+/-20.0	U	20.0	P	03/25/2025	14:48	LB135182
	Barium	100	+/-100	U	100	P	03/25/2025	14:48	LB135182
	Beryllium	6.00	+/-6.00	U	6.00	P	03/25/2025	14:48	LB135182
	Cadmium	6.00	+/-6.00	U	6.00	P	03/25/2025	14:48	LB135182
	Calcium	2000	+/-2000	U	2000	P	03/25/2025	14:48	LB135182
	Chromium	10.0	+/-10.0	U	10.0	P	03/25/2025	14:48	LB135182
	Cobalt	30.0	+/-30.0	U	30.0	P	03/25/2025	14:48	LB135182
	Copper	20.0	+/-20.0	U	20.0	P	03/25/2025	14:48	LB135182
	Iron	100	+/-100	U	100	P	03/25/2025	14:48	LB135182
	Lead	12.0	+/-12.0	U	12.0	P	03/25/2025	14:48	LB135182
	Magnesium	2000	+/-2000	U	2000	P	03/25/2025	14:48	LB135182
	Manganese	20.0	+/-20.0	U	20.0	P	03/25/2025	14:48	LB135182
	Nickel	40.0	+/-40.0	U	40.0	P	03/25/2025	14:48	LB135182
	Potassium	2000	+/-2000	U	2000	P	03/25/2025	14:48	LB135182
	Selenium	20.0	+/-20.0	U	20.0	P	03/25/2025	14:48	LB135182
	Silver	10.0	+/-10.0	U	10.0	P	03/25/2025	14:48	LB135182
	Sodium	2000	+/-2000	U	2000	P	03/25/2025	14:48	LB135182
	Thallium	40.0	+/-40.0	U	40.0	P	03/25/2025	14:48	LB135182
	Vanadium	40.0	+/-40.0	U	40.0	P	03/25/2025	14:48	LB135182
	Zinc	40.0	+/-40.0	U	40.0	P	03/25/2025	14:48	LB135182
CCB06	Aluminum	100	+/-100	U	100	P	03/25/2025	15:50	LB135182
	Antimony	50.0	+/-50.0	U	50.0	P	03/25/2025	15:50	LB135182
	Arsenic	20.0	+/-20.0	U	20.0	P	03/25/2025	15:50	LB135182
	Barium	100	+/-100	U	100	P	03/25/2025	15:50	LB135182
	Beryllium	6.00	+/-6.00	U	6.00	P	03/25/2025	15:50	LB135182
	Cadmium	6.00	+/-6.00	U	6.00	P	03/25/2025	15:50	LB135182
	Calcium	2000	+/-2000	U	2000	P	03/25/2025	15:50	LB135182

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	03/25/2025	15:50	LB135182
	Cobalt	30.0	+/-30.0	U	30.0	P	03/25/2025	15:50	LB135182
	Copper	20.0	+/-20.0	U	20.0	P	03/25/2025	15:50	LB135182
	Iron	100	+/-100	U	100	P	03/25/2025	15:50	LB135182
	Lead	12.0	+/-12.0	U	12.0	P	03/25/2025	15:50	LB135182
	Magnesium	2000	+/-2000	U	2000	P	03/25/2025	15:50	LB135182
	Manganese	20.0	+/-20.0	U	20.0	P	03/25/2025	15:50	LB135182
	Nickel	40.0	+/-40.0	U	40.0	P	03/25/2025	15:50	LB135182
	Potassium	2000	+/-2000	U	2000	P	03/25/2025	15:50	LB135182
	Selenium	20.0	+/-20.0	U	20.0	P	03/25/2025	15:50	LB135182
	Silver	10.0	+/-10.0	U	10.0	P	03/25/2025	15:50	LB135182
	Sodium	2000	+/-2000	U	2000	P	03/25/2025	15:50	LB135182
	Thallium	40.0	+/-40.0	U	40.0	P	03/25/2025	15:50	LB135182
	Vanadium	40.0	+/-40.0	U	40.0	P	03/25/2025	15:50	LB135182
	Zinc	40.0	+/-40.0	U	40.0	P	03/25/2025	15:50	LB135182
CCB07	Aluminum	100	+/-100	U	100	P	03/25/2025	16:44	LB135182
	Antimony	50.0	+/-50.0	U	50.0	P	03/25/2025	16:44	LB135182
	Arsenic	20.0	+/-20.0	U	20.0	P	03/25/2025	16:44	LB135182
	Barium	100	+/-100	U	100	P	03/25/2025	16:44	LB135182
	Beryllium	6.00	+/-6.00	U	6.00	P	03/25/2025	16:44	LB135182
	Cadmium	6.00	+/-6.00	U	6.00	P	03/25/2025	16:44	LB135182
	Calcium	2000	+/-2000	U	2000	P	03/25/2025	16:44	LB135182
	Chromium	10.0	+/-10.0	U	10.0	P	03/25/2025	16:44	LB135182
	Cobalt	30.0	+/-30.0	U	30.0	P	03/25/2025	16:44	LB135182
	Copper	20.0	+/-20.0	U	20.0	P	03/25/2025	16:44	LB135182
	Iron	100	+/-100	U	100	P	03/25/2025	16:44	LB135182
	Lead	12.0	+/-12.0	U	12.0	P	03/25/2025	16:44	LB135182
	Magnesium	2000	+/-2000	U	2000	P	03/25/2025	16:44	LB135182
	Manganese	20.0	+/-20.0	U	20.0	P	03/25/2025	16:44	LB135182
	Nickel	40.0	+/-40.0	U	40.0	P	03/25/2025	16:44	LB135182
	Potassium	2000	+/-2000	U	2000	P	03/25/2025	16:44	LB135182
	Selenium	20.0	+/-20.0	U	20.0	P	03/25/2025	16:44	LB135182
	Silver	10.0	+/-10.0	U	10.0	P	03/25/2025	16:44	LB135182
	Sodium	2000	+/-2000	U	2000	P	03/25/2025	16:44	LB135182
	Thallium	40.0	+/-40.0	U	40.0	P	03/25/2025	16:44	LB135182
	Vanadium	40.0	+/-40.0	U	40.0	P	03/25/2025	16:44	LB135182
	Zinc	40.0	+/-40.0	U	40.0	P	03/25/2025	16:44	LB135182
CCB08	Aluminum	100	+/-100	U	100	P	03/25/2025	17:05	LB135182
	Antimony	50.0	+/-50.0	U	50.0	P	03/25/2025	17:05	LB135182

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	03/25/2025	17:05	LB135182
	Barium	100	+/-100	U	100	P	03/25/2025	17:05	LB135182
	Beryllium	6.00	+/-6.00	U	6.00	P	03/25/2025	17:05	LB135182
	Cadmium	6.00	+/-6.00	U	6.00	P	03/25/2025	17:05	LB135182
	Calcium	2000	+/-2000	U	2000	P	03/25/2025	17:05	LB135182
	Chromium	10.0	+/-10.0	U	10.0	P	03/25/2025	17:05	LB135182
	Cobalt	30.0	+/-30.0	U	30.0	P	03/25/2025	17:05	LB135182
	Copper	20.0	+/-20.0	U	20.0	P	03/25/2025	17:05	LB135182
	Iron	100	+/-100	U	100	P	03/25/2025	17:05	LB135182
	Lead	12.0	+/-12.0	U	12.0	P	03/25/2025	17:05	LB135182
	Magnesium	2000	+/-2000	U	2000	P	03/25/2025	17:05	LB135182
	Manganese	20.0	+/-20.0	U	20.0	P	03/25/2025	17:05	LB135182
	Nickel	40.0	+/-40.0	U	40.0	P	03/25/2025	17:05	LB135182
	Potassium	2000	+/-2000	U	2000	P	03/25/2025	17:05	LB135182
	Selenium	20.0	+/-20.0	U	20.0	P	03/25/2025	17:05	LB135182
	Silver	10.0	+/-10.0	U	10.0	P	03/25/2025	17:05	LB135182
	Sodium	2000	+/-2000	U	2000	P	03/25/2025	17:05	LB135182
	Thallium	40.0	+/-40.0	U	40.0	P	03/25/2025	17:05	LB135182
	Vanadium	40.0	+/-40.0	U	40.0	P	03/25/2025	17:05	LB135182
	Zinc	40.0	+/-40.0	U	40.0	P	03/25/2025	17:05	LB135182

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PREPARATION BLANK SUMMARY

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

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167317BL		**SOLID**		**Batch Number:**	**PB167317**		**Prep Date:**	**03/26/2025**	
	Mercury	0.013	<0.013	U	0.013	CV	03/26/2025	12:02	LB135193

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Metals
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PREPARATION BLANK SUMMARY

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

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167267BL		**SOLID**		**Batch Number:**	**PB167267**		**Prep Date:**	**03/24/2025**	
	Aluminum	4.46	<4.46	U	4.46	P	03/25/2025	14:15	LB135182
	Antimony	2.23	<2.23	U	2.23	P	03/25/2025	14:15	LB135182
	Arsenic	0.89	<0.89	U	0.89	P	03/25/2025	14:15	LB135182
	Barium	4.46	<4.46	U	4.46	P	03/25/2025	14:15	LB135182
	Beryllium	0.27	<0.27	U	0.27	P	03/25/2025	14:15	LB135182
	Cadmium	0.27	<0.27	U	0.27	P	03/25/2025	14:15	LB135182
	Calcium	89.3	<89.3	U	89.3	P	03/25/2025	14:15	LB135182
	Chromium	0.45	<0.45	U	0.45	P	03/25/2025	14:15	LB135182
	Cobalt	1.34	<1.34	U	1.34	P	03/25/2025	14:15	LB135182
	Copper	0.89	<0.89	U	0.89	P	03/25/2025	14:15	LB135182
	Iron	4.46	<4.46	U	4.46	P	03/25/2025	14:15	LB135182
	Lead	0.54	<0.54	U	0.54	P	03/25/2025	14:15	LB135182
	Magnesium	89.3	<89.3	U	89.3	P	03/25/2025	14:15	LB135182
	Manganese	0.89	<0.89	U	0.89	P	03/25/2025	14:15	LB135182
	Nickel	1.79	<1.79	U	1.79	P	03/25/2025	14:15	LB135182
	Potassium	89.3	<89.3	U	89.3	P	03/25/2025	14:15	LB135182
	Selenium	0.89	<0.89	U	0.89	P	03/25/2025	14:15	LB135182
	Silver	0.45	<0.45	U	0.45	P	03/25/2025	14:15	LB135182
	Sodium	89.3	<89.3	U	89.3	P	03/25/2025	14:15	LB135182
	Thallium	1.79	<1.79	U	1.79	P	03/25/2025	14:15	LB135182
	Vanadium	1.79	<1.79	U	1.79	P	03/25/2025	14:15	LB135182
	Zinc	1.79	<1.79	U	1.79	P	03/25/2025	14:15	LB135182

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Metals
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INTERFERENCE CHECK SAMPLE

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	235000	255000	92	216000	294000	03/25/2025	10:27	LB135182
	Antimony	-3.08			-50	50	03/25/2025	10:27	LB135182
	Arsenic	4.77			-20	20	03/25/2025	10:27	LB135182
	Barium	-0.56	6.0	9	-94	106	03/25/2025	10:27	LB135182
	Beryllium	1.21			-6	6	03/25/2025	10:27	LB135182
	Cadmium	-3.57	1.0	357	-5	7	03/25/2025	10:27	LB135182
	Calcium	221000	245000	90	208000	282000	03/25/2025	10:27	LB135182
	Chromium	55.0	52.0	106	42	62	03/25/2025	10:27	LB135182
	Cobalt	1.66			-30	30	03/25/2025	10:27	LB135182
	Copper	9.59	2.0	480	-18	22	03/25/2025	10:27	LB135182
	Iron	97800	101000	97	85600	116500	03/25/2025	10:27	LB135182
	Lead	4.19			-12	12	03/25/2025	10:27	LB135182
	Magnesium	236000	255000	92	216000	294000	03/25/2025	10:27	LB135182
	Manganese	1.54	7.0	22	-13	27	03/25/2025	10:27	LB135182
	Nickel	2.08	2.0	104	-38	42	03/25/2025	10:27	LB135182
	Potassium	46.7			0	0	03/25/2025	10:27	LB135182
	Selenium	-9.76			-20	20	03/25/2025	10:27	LB135182
	Silver	-0.0040			-10	10	03/25/2025	10:27	LB135182
	Sodium	53.4			0	0	03/25/2025	10:27	LB135182
	Thallium	5.68			-40	40	03/25/2025	10:27	LB135182
	Vanadium	4.19			-40	40	03/25/2025	10:27	LB135182
	Zinc	3.53			-40	40	03/25/2025	10:27	LB135182
ICSAB01	Aluminum	242000	247000	98	209000	285000	03/25/2025	10:31	LB135182
	Antimony	641	618	104	525	711	03/25/2025	10:31	LB135182
	Arsenic	112	104	108	88.4	120	03/25/2025	10:31	LB135182
	Barium	469	537	87	437	637	03/25/2025	10:31	LB135182
	Beryllium	480	495	97	420	570	03/25/2025	10:31	LB135182
	Cadmium	998	972	103	826	1120	03/25/2025	10:31	LB135182
	Calcium	224000	235000	95	199000	271000	03/25/2025	10:31	LB135182
	Chromium	566	542	104	460	624	03/25/2025	10:31	LB135182
	Cobalt	507	476	106	404	548	03/25/2025	10:31	LB135182
	Copper	516	511	101	434	588	03/25/2025	10:31	LB135182
	Iron	97700	99300	98	84400	114500	03/25/2025	10:31	LB135182
	Lead	52.0	49.0	106	37	61	03/25/2025	10:31	LB135182
	Magnesium	244000	248000	98	210000	286000	03/25/2025	10:31	LB135182
	Manganese	466	507	92	430	584	03/25/2025	10:31	LB135182
	Nickel	1000	954	105	810	1100	03/25/2025	10:31	LB135182
	Potassium	-12.6			0	0	03/25/2025	10:31	LB135182
	Selenium	37.0	46.0	80	26	66	03/25/2025	10:31	LB135182
	Silver	203	201	101	170	232	03/25/2025	10:31	LB135182
	Sodium	20.8			0	0	03/25/2025	10:31	LB135182
	Thallium	106	108	98	68	148	03/25/2025	10:31	LB135182

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Metals
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INTERFERENCE CHECK SAMPLE

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	469	491	96	417	565	03/25/2025	10:31	LB135182
	Zinc	1070	952	112	809	1095	03/25/2025	10:31	LB135182

METAL QC DATA

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MATRIX SPIKE SUMMARY

client: Walsh Construction Company II, LLC **level:** low **sdg no.:** Q1626

contract: WALS01 **lab code:** CHEM **case no.:** Q1626 **sas no.:** Q1626

matrix: Solid **sample id:** Q1624-01 **client id:** OK-01-03212025MS

Percent Solids for Sample: 86.8 **Spiked ID:** Q1624-01MS **Percent Solids for Spike Sample:** 86.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6370		6240		110	118		P
Antimony	mg/Kg	75 - 125	18.1		2.68	U	43.7	41	N	P
Arsenic	mg/Kg	75 - 125	37.8		1.87		43.7	82		P
Barium	mg/Kg	75 - 125	37.9		28.0		10.9	91		P
Beryllium	mg/Kg	75 - 125	8.09		0.29	J	10.9	72	N	P
Cadmium	mg/Kg	75 - 125	10.0		0.32	U	10.9	92		P
Calcium	mg/Kg	75 - 125	2560		2220		54.6	623		P
Chromium	mg/Kg	75 - 125	33.4		15.3		21.8	83		P
Cobalt	mg/Kg	75 - 125	18.1		7.18		10.9	101		P
Copper	mg/Kg	75 - 125	39.7		24.5		16.4	93		P
Iron	mg/Kg	75 - 125	13600		13400		160	159		P
Lead	mg/Kg	75 - 125	55.7		6.43		54.6	90		P
Magnesium	mg/Kg	75 - 125	2900		2670		110	211		P
Manganese	mg/Kg	75 - 125	145		132		10.9	116		P
Nickel	mg/Kg	75 - 125	38.6		12.5		27.3	96		P
Potassium	mg/Kg	75 - 125	1950		1320		550	115		P
Selenium	mg/Kg	75 - 125	86.4		1.07	U	110	78		P
Silver	mg/Kg	75 - 125	3.49		0.54	U	4.1	85		P
Sodium	mg/Kg	75 - 125	333		200		160	83		P
Thallium	mg/Kg	75 - 125	99.2		2.14	U	110	90		P
Vanadium	mg/Kg	75 - 125	36.3		22.3		16.4	85		P
Zinc	mg/Kg	75 - 125	31.4		21.6		10.9	90		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Walsh Construction Company II, LLC **level:** low **sdg no.:** Q1626

contract: WALS01 **lab code:** CHEM **case no.:** Q1626 **sas no.:** Q1626

matrix: Solid **sample id:** Q1624-01 **client id:** OK-01-03212025MSD

Percent Solids for Sample: 86.8 **Spiked ID:** Q1624-01MSD **Percent Solids for Spike Sample:** 86.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6220		6240		110	-20		P
Antimony	mg/Kg	75 - 125	17.3		2.68	U	42.5	41	N	P
Arsenic	mg/Kg	75 - 125	36.5		1.87		42.5	81		P
Barium	mg/Kg	75 - 125	36.3		28.0		10.6	78		P
Beryllium	mg/Kg	75 - 125	8.17		0.29	J	10.6	74	N	P
Cadmium	mg/Kg	75 - 125	9.79		0.32	U	10.6	92		P
Calcium	mg/Kg	75 - 125	2490		2220		53.1	504		P
Chromium	mg/Kg	75 - 125	32.2		15.3		21.2	80		P
Cobalt	mg/Kg	75 - 125	17.5		7.18		10.6	98		P
Copper	mg/Kg	75 - 125	38.7		24.5		15.9	89		P
Iron	mg/Kg	75 - 125	12700		13400		160	-447		P
Lead	mg/Kg	75 - 125	53.8		6.43		53.1	89		P
Magnesium	mg/Kg	75 - 125	2840		2670		110	156		P
Manganese	mg/Kg	75 - 125	142		132		10.6	88		P
Nickel	mg/Kg	75 - 125	37.4		12.5		26.5	94		P
Potassium	mg/Kg	75 - 125	1810		1320		530	93		P
Selenium	mg/Kg	75 - 125	82.9		1.07	U	110	75		P
Silver	mg/Kg	75 - 125	3.28		0.54	U	4.0	82		P
Sodium	mg/Kg	75 - 125	309		200		160	68	N	P
Thallium	mg/Kg	75 - 125	96.1		2.14	U	110	87		P
Vanadium	mg/Kg	75 - 125	35.2		22.3		15.9	81		P
Zinc	mg/Kg	75 - 125	30.3		21.6		10.6	83		P

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metals
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MATRIX SPIKE SUMMARY

client: Walsh Construction Company II, LLC **level:** low **sdg no.:** Q1626

contract: WALS01 **lab code:** CHEM **case no.:** Q1626 **sas no.:** Q1626

matrix: Solid **sample id:** Q1635-01 **client id:** TP-2MS

Percent Solids for Sample: 89.4 **Spiked ID:** Q1635-01MS **Percent Solids for Spike Sample:** 89.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.29		0.014		0.27	101		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Walsh Construction Company II, LLC **level:** low **sdg no.:** Q1626

contract: WALS01 **lab code:** CHEM **case no.:** Q1626 **sas no.:** Q1626

matrix: Solid **sample id:** Q1635-01 **client id:** TP-2MSD

Percent Solids for Sample: 89.4 **Spiked ID:** Q1635-01MSD **Percent Solids for Spike Sample:** 89.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.27		0.014		0.27	93		CV

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Metals
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POST DIGEST SPIKE SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Matrix: Solid **Level:** LOW **Client ID:** OK-01-03212025A

Sample ID: Q1624-01 **Spiked ID:** Q1624-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	36.5		2.68	U	42.9	85		P
Beryllium	mg/Kg	75 - 125	7.72		0.29	J	10.7	69		P
Sodium	mg/Kg	75 - 125	349		200		160	93		P

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DUPLICATE SAMPLE SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Matrix: Solid **Sample ID:** Q1624-01 **Client ID:** OK-01-03212025DUP

Percent Solids for Sample: 86.8 **Duplicate ID** Q1624-01DUP **Percent Solids for Spike Sample:** 86.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6240		6030		3		P
Antimony	mg/Kg	20	2.68	U	2.59	U			P
Arsenic	mg/Kg	20	1.87		1.90		2		P
Barium	mg/Kg	20	28.0		27.0		4		P
Beryllium	mg/Kg	20	0.29	J	0.29	J	2		P
Cadmium	mg/Kg	20	0.32	U	0.31	U			P
Calcium	mg/Kg	20	2220		2150		3		P
Chromium	mg/Kg	20	15.3		14.9		3		P
Cobalt	mg/Kg	20	7.18		6.93		4		P
Copper	mg/Kg	20	24.5		23.6		4		P
Iron	mg/Kg	20	13400		13200		2		P
Lead	mg/Kg	20	6.43		6.15		4		P
Magnesium	mg/Kg	20	2670		2580		3		P
Manganese	mg/Kg	20	132		128		3		P
Nickel	mg/Kg	20	12.5		12.1		3		P
Potassium	mg/Kg	20	1320		1300		2		P
Selenium	mg/Kg	20	1.07	U	1.04	U			P
Silver	mg/Kg	20	0.54	U	0.52	U			P
Sodium	mg/Kg	20	200		198		1		P
Thallium	mg/Kg	20	2.14	U	2.08	U			P
Vanadium	mg/Kg	20	22.3		21.5		4		P
Zinc	mg/Kg	20	21.6		21.0		3		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Matrix: Solid **Sample ID:** Q1624-01MS **Client ID:** OK-01-03212025MSD

Percent Solids for Sample: 86.8 **Duplicate ID** Q1624-01MSD **Percent Solids for Spike Sample:** 86.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6370		6220		2		P
Antimony	mg/Kg	20	18.1		17.3		5		P
Arsenic	mg/Kg	20	37.8		36.5		3		P
Barium	mg/Kg	20	37.9		36.3		4		P
Beryllium	mg/Kg	20	8.09		8.17		1		P
Cadmium	mg/Kg	20	10.0		9.79		3		P
Calcium	mg/Kg	20	2560		2490		3		P
Chromium	mg/Kg	20	33.4		32.2		4		P
Cobalt	mg/Kg	20	18.1		17.5		3		P
Copper	mg/Kg	20	39.7		38.7		3		P
Iron	mg/Kg	20	13600		12700		7		P
Lead	mg/Kg	20	55.7		53.8		3		P
Magnesium	mg/Kg	20	2900		2840		2		P
Manganese	mg/Kg	20	145		142		2		P
Nickel	mg/Kg	20	38.6		37.4		3		P
Potassium	mg/Kg	20	1950		1810		7		P
Selenium	mg/Kg	20	86.4		82.9		4		P
Silver	mg/Kg	20	3.49		3.28		6		P
Sodium	mg/Kg	20	333		309		7		P
Thallium	mg/Kg	20	99.2		96.1		3		P
Vanadium	mg/Kg	20	36.3		35.2		3		P
Zinc	mg/Kg	20	31.4		30.3		4		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Matrix: Solid **Sample ID:** Q1635-01 **Client ID:** TP-2DUP

Percent Solids for Sample: 89.4 **Duplicate ID** Q1635-01DUP **Percent Solids for Spike Sample:** 89.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.014		0.016		13		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Matrix: Solid **Sample ID:** Q1635-01MS **Client ID:** TP-2MSD

Percent Solids for Sample: 89.4 **Duplicate ID** Q1635-01MSD **Percent Solids for Spike Sample:** 89.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.29		0.27		8		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167267BS							
Aluminum	mg/Kg	95.7	89.0		93	80 - 120	P
Antimony	mg/Kg	38.3	39.0		102	80 - 120	P
Arsenic	mg/Kg	38.3	36.8		96	80 - 120	P
Barium	mg/Kg	9.6	8.00		83	80 - 120	P
Beryllium	mg/Kg	9.6	8.14		85	80 - 120	P
Cadmium	mg/Kg	9.6	8.61		90	80 - 120	P
Calcium	mg/Kg	47.8	43.8	J	92	80 - 120	P
Chromium	mg/Kg	19.1	18.4		96	80 - 120	P
Cobalt	mg/Kg	9.6	8.81		92	80 - 120	P
Copper	mg/Kg	14.4	14.6		101	80 - 120	P
Iron	mg/Kg	140	137		98	80 - 120	P
Lead	mg/Kg	47.8	43.3		91	80 - 120	P
Magnesium	mg/Kg	95.7	82.9	J	87	80 - 120	P
Manganese	mg/Kg	9.6	8.44		88	80 - 120	P
Nickel	mg/Kg	23.9	22.1		92	80 - 120	P
Potassium	mg/Kg	480	463		96	80 - 120	P
Selenium	mg/Kg	95.7	95.2		100	80 - 120	P
Silver	mg/Kg	3.6	3.50		97	80 - 120	P
Sodium	mg/Kg	140	131		94	80 - 120	P
Thallium	mg/Kg	95.7	90.7		95	80 - 120	P
Vanadium	mg/Kg	14.4	13.0		90	80 - 120	P
Zinc	mg/Kg	9.6	9.39		98	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167317BS							
Mercury	mg/Kg	0.25	0.25		100	80 - 120	CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

OK-01-03212025L

Lab Name: Chemtech Consulting Group **Contract:** WALS01

Lab Code: CHEM **Lb No.:** lb135182 **Lab Sample ID :** Q1624-01L **SDG No.:** Q1626

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	6240		7160		15		P
Antimony	2.68	U	13.4	U			P
Arsenic	1.87		1.62	J	14		P
Barium	28.0		30.0		7		P
Beryllium	0.29	J	0.39	J	32		P
Cadmium	0.32	U	1.61	U			P
Calcium	2220		2650		19		P
Chromium	15.3		17.9		17		P
Cobalt	7.18		7.10	J	1		P
Copper	24.5		29.3		20		P
Iron	13400		15500		16		P
Lead	6.43		6.38		1		P
Magnesium	2670		3120		17		P
Manganese	132		159		20		P
Nickel	12.5		12.6		1		P
Potassium	1320		1450		11		P
Selenium	1.07	U	5.36	U			P
Silver	0.54	U	2.68	U			P
Sodium	200		226	J	13		P
Thallium	2.14	U	10.7	U			P
Vanadium	22.3		26.1		17		P
Zinc	21.6		24.8		15		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-2L

Lab Name: Chemtech Consulting Group **Contract:** WALS01

Lab Code: CHEM **Lb No.:** lb135193 **Lab Sample ID :** Q1635-01L **SDG No.:** Q1626

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.014		0.067	U	100.0		CV

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Method:**

Case No.: Q1626 **SAS No.:** Q1626

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167267**						
PB167267BL	PB167267BL	MB	SOLID	03/24/2025	2.24	100.0	100.00
PB167267BS	PB167267BS	LCS	SOLID	03/24/2025	2.09	100.0	100.00
Q1624-01DUP	OK-01-03212025DUP	DUP	SOLID	03/24/2025	2.22	100.0	86.80
Q1624-01MS	OK-01-03212025MS	MS	SOLID	03/24/2025	2.11	100.0	86.80
Q1624-01MSD	OK-01-03212025MSD	MSD	SOLID	03/24/2025	2.17	100.0	86.80
Q1626-01	CO-32-1	SAM	SOLID	03/24/2025	2.23	100.0	94.80

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SAMPLE PREPARATION SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Method:**

Case No.: Q1626 **SAS No.:** Q1626

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167317**						
PB167317BL	PB167317BL	MB	SOLID	03/26/2025	0.52	35.0	100.00
PB167317BS	PB167317BS	LCS	SOLID	03/26/2025	0.57	35.0	100.00
Q1626-01	CO-32-1	SAM	SOLID	03/26/2025	0.54	35.0	94.80
Q1635-01DUP	TP-2DUP	DUP	SOLID	03/26/2025	0.59	35.0	89.40
Q1635-01MS	TP-2MS	MS	SOLID	03/26/2025	0.57	35.0	89.40
Q1635-01MSD	TP-2MSD	MSD	SOLID	03/26/2025	0.58	35.0	89.40

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ANALYSIS RUN LOG

Client: Walsh Construction Company II, LLC **Contract:** WALS01

Lab code: CHEM **Case no.:** Q1626 **Sas no.:** Q1626 **Sdg no.:** Q1626

Instrument id number: **Method:** **Run number:** LB135182

Start date: 03/25/2025 **End date:** 03/25/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0938	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	0942	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	0946	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	0950	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	0954	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	0959	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1003	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1014	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1018	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1022	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1027	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1031	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1035	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1040	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1127	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1131	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1229	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1233	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1624-01DUP	OK-01-03212025DUP	1	1311	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1624-01L	OK-01-03212025L	5	1315	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1333	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1342	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1624-01MS	OK-01-03212025MS	1	1346	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1624-01MSD	OK-01-03212025MSD	1	1350	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1624-01A	OK-01-03212025A	1	1354	Be,Na,Sb
Q1626-01	CO-32-1	1	1402	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167267BL	PB167267BL	1	1415	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167267BS	PB167267BS	1	1420	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1438	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1448	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1546	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1550	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1640	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1644	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1701	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1705	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Walsh Construction Company II, LLC **Contract:** WALS01

Lab code: CHEM **Case no.:** Q1626 **Sas no.:** Q1626 **Sdg no.:** Q1626

Instrument id number: **Method:** **Run number:** LB135193

Start date: 03/26/2025 **End date:** 03/26/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1106	HG
S0.2	S0.2	1	1109	HG
S2.5	S2.5	1	1111	HG
S5	S5	1	1113	HG
S7.5	S7.5	1	1115	HG
S10	S10	1	1121	HG
ICV62	ICV62	1	1123	HG
ICB62	ICB62	1	1129	HG
CCV84	CCV84	1	1132	HG
CCB84	CCB84	1	1137	HG
CRA	CRA	1	1147	HG
PB167317BL	PB167317BL	1	1202	HG
PB167317BS	PB167317BS	1	1205	HG
Q1626-01	CO-32-1	1	1209	HG
CCV85	CCV85	1	1219	HG
CCB85	CCB85	1	1225	HG
Q1635-01MS	TP-2MS	1	1231	HG
Q1635-01MSD	TP-2MSD	1	1234	HG
CCV86	CCV86	1	1250	HG
CCB86	CCB86	1	1255	HG
Q1635-01L	TP-2L	5	1300	HG
Q1635-01DUP	TP-2DUP	1	1313	HG
CCV87	CCV87	1	1329	HG
CCB87	CCB87	1	1334	HG

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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**			**03/21/25**			**03/21/25**
			Mercury	7471B		03/26/25	03/26/25	
			Metals ICP-TAL	6010D		03/24/25	03/25/25	
Q1626-03	**CO-32-1**	**TCLP**			**03/21/25**			**03/21/25**
			TCLP ICP Metals	6010D		03/25/25	03/26/25	
			TCLP Mercury	7470A		03/25/25	03/26/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1626 **Order ID:** Q1626

Client: Walsh Construction Company II, LLC **Project ID:** Walsh CO-032 Sampling

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : CO-32-1								
Q1626-03	CO-32-1	TCLP	Barium	1680		62.8	500	ug/L
Q1626-03	CO-32-1	TCLP	Cadmium	39.0		0.94	30.0	ug/L
Q1626-03	CO-32-1	TCLP	Lead	1020		35.1	60.0	ug/L

SAMPLE DATA

Alliance TECHNICAL GROUP
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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:	Q1626-03	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	03/25/25 12:05	03/26/25 12:01	SW6010	SW3050
7440-39-3	Barium	1680		1	62.8	500	ug/L	03/25/25 12:05	03/26/25 12:01	SW6010	SW3050
7440-43-9	Cadmium	39.0		1	0.94	30.0	ug/L	03/25/25 12:05	03/26/25 12:01	SW6010	SW3050
7440-47-3	Chromium	6.60	U	1	6.60	50.0	ug/L	03/25/25 12:05	03/26/25 12:01	SW6010	SW3050
7439-92-1	Lead	1020		1	35.1	60.0	ug/L	03/25/25 12:05	03/26/25 12:01	SW6010	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	03/25/25 12:16	03/26/25 09:07	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	03/25/25 12:05	03/26/25 12:01	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	03/25/25 12:05	03/26/25 12:01	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP-FULL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV61	Mercury	4.07	4.0	102	90 - 110	CV	03/26/2025	08:36	LB135183

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV60	Mercury	5.02	5.0	100	90 - 110	CV	03/26/2025	08:41	LB135183
CCV61	Mercury	4.82	5.0	96	90 - 110	CV	03/26/2025	09:19	LB135183
CCV62	Mercury	4.76	5.0	95	90 - 110	CV	03/26/2025	09:41	LB135183
CCV63	Mercury	4.71	5.0	94	90 - 110	CV	03/26/2025	09:53	LB135183

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	1030	1000	103	90 - 110	P	03/26/2025	11:04	LB135196
	Barium	486	520	94	90 - 110	P	03/26/2025	11:04	LB135196
	Cadmium	508	510	100	90 - 110	P	03/26/2025	11:04	LB135196
	Chromium	537	520	103	90 - 110	P	03/26/2025	11:04	LB135196
	Lead	1000	1000	100	90 - 110	P	03/26/2025	11:04	LB135196
	Selenium	1070	1000	107	90 - 110	P	03/26/2025	11:04	LB135196
	Silver	259	250	104	90 - 110	P	03/26/2025	11:04	LB135196

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	21.3	20.0	107	80 - 120	P	03/26/2025	11:14	LB135196
	Barium	91.3	100	91	80 - 120	P	03/26/2025	11:14	LB135196
	Cadmium	5.68	6.0	95	80 - 120	P	03/26/2025	11:14	LB135196
	Chromium	10.3	10.0	103	80 - 120	P	03/26/2025	11:14	LB135196
	Lead	11.1	12.0	92	80 - 120	P	03/26/2025	11:14	LB135196
	Selenium	18.4	20.0	92	80 - 120	P	03/26/2025	11:14	LB135196
	Silver	10.6	10.0	106	80 - 120	P	03/26/2025	11:14	LB135196

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5000	5000	100	90 - 110	P	03/26/2025	11:35	LB135196
	Barium	9880	10000	99	90 - 110	P	03/26/2025	11:35	LB135196
	Cadmium	2480	2500	99	90 - 110	P	03/26/2025	11:35	LB135196
	Chromium	1010	1000	101	90 - 110	P	03/26/2025	11:35	LB135196
	Lead	4970	5000	99	90 - 110	P	03/26/2025	11:35	LB135196
	Selenium	5000	5000	100	90 - 110	P	03/26/2025	11:35	LB135196
	Silver	1240	1250	100	90 - 110	P	03/26/2025	11:35	LB135196
CCV02	Arsenic	4970	5000	100	90 - 110	P	03/26/2025	12:41	LB135196
	Barium	9370	10000	94	90 - 110	P	03/26/2025	12:41	LB135196
	Cadmium	2400	2500	96	90 - 110	P	03/26/2025	12:41	LB135196
	Chromium	998	1000	100	90 - 110	P	03/26/2025	12:41	LB135196
	Lead	4790	5000	96	90 - 110	P	03/26/2025	12:41	LB135196
	Selenium	5020	5000	100	90 - 110	P	03/26/2025	12:41	LB135196
	Silver	1230	1250	99	90 - 110	P	03/26/2025	12:41	LB135196
CCV03	Arsenic	4940	5000	99	90 - 110	P	03/26/2025	13:35	LB135196
	Barium	9480	10000	95	90 - 110	P	03/26/2025	13:35	LB135196
	Cadmium	2400	2500	96	90 - 110	P	03/26/2025	13:35	LB135196
	Chromium	991	1000	99	90 - 110	P	03/26/2025	13:35	LB135196
	Lead	4800	5000	96	90 - 110	P	03/26/2025	13:35	LB135196
	Selenium	4990	5000	100	90 - 110	P	03/26/2025	13:35	LB135196
	Silver	1230	1250	98	90 - 110	P	03/26/2025	13:35	LB135196
CCV04	Arsenic	5010	5000	100	90 - 110	P	03/26/2025	14:30	LB135196
	Barium	9410	10000	94	90 - 110	P	03/26/2025	14:30	LB135196
	Cadmium	2400	2500	96	90 - 110	P	03/26/2025	14:30	LB135196
	Chromium	985	1000	98	90 - 110	P	03/26/2025	14:30	LB135196
	Lead	4780	5000	96	90 - 110	P	03/26/2025	14:30	LB135196
	Selenium	5080	5000	102	90 - 110	P	03/26/2025	14:30	LB135196
	Silver	1220	1250	98	90 - 110	P	03/26/2025	14:30	LB135196
CCV05	Arsenic	5010	5000	100	90 - 110	P	03/26/2025	15:02	LB135196
	Barium	9320	10000	93	90 - 110	P	03/26/2025	15:02	LB135196
	Cadmium	2390	2500	95	90 - 110	P	03/26/2025	15:02	LB135196
	Chromium	996	1000	100	90 - 110	P	03/26/2025	15:02	LB135196
	Lead	4760	5000	95	90 - 110	P	03/26/2025	15:02	LB135196
	Selenium	5080	5000	102	90 - 110	P	03/26/2025	15:02	LB135196

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1230	1250	99	90 - 110	P	03/26/2025	15:02	LB135196
CCV06	Arsenic	5000	5000	100	90 - 110	P	03/26/2025	15:54	LB135196
	Barium	9540	10000	95	90 - 110	P	03/26/2025	15:54	LB135196
	Cadmium	2420	2500	97	90 - 110	P	03/26/2025	15:54	LB135196
	Chromium	998	1000	100	90 - 110	P	03/26/2025	15:54	LB135196
	Lead	4840	5000	97	90 - 110	P	03/26/2025	15:54	LB135196
	Selenium	5070	5000	102	90 - 110	P	03/26/2025	15:54	LB135196
	Silver	1250	1250	100	90 - 110	P	03/26/2025	15:54	LB135196
CCV07	Arsenic	5150	5000	103	90 - 110	P	03/26/2025	16:43	LB135196
	Barium	9480	10000	95	90 - 110	P	03/26/2025	16:43	LB135196
	Cadmium	2460	2500	98	90 - 110	P	03/26/2025	16:43	LB135196
	Chromium	1020	1000	102	90 - 110	P	03/26/2025	16:43	LB135196
	Lead	4890	5000	98	90 - 110	P	03/26/2025	16:43	LB135196
	Selenium	5250	5000	105	90 - 110	P	03/26/2025	16:43	LB135196
	Silver	1270	1250	102	90 - 110	P	03/26/2025	16:43	LB135196
CCV08	Arsenic	5140	5000	103	90 - 110	P	03/26/2025	17:35	LB135196
	Barium	9450	10000	94	90 - 110	P	03/26/2025	17:35	LB135196
	Cadmium	2450	2500	98	90 - 110	P	03/26/2025	17:35	LB135196
	Chromium	1020	1000	102	90 - 110	P	03/26/2025	17:35	LB135196
	Lead	4860	5000	97	90 - 110	P	03/26/2025	17:35	LB135196
	Selenium	5210	5000	104	90 - 110	P	03/26/2025	17:35	LB135196
	Silver	1260	1250	101	90 - 110	P	03/26/2025	17:35	LB135196
CCV09	Arsenic	5230	5000	105	90 - 110	P	03/26/2025	17:59	LB135196
	Barium	9590	10000	96	90 - 110	P	03/26/2025	17:59	LB135196
	Cadmium	2490	2500	100	90 - 110	P	03/26/2025	17:59	LB135196
	Chromium	1040	1000	104	90 - 110	P	03/26/2025	17:59	LB135196
	Lead	4940	5000	99	90 - 110	P	03/26/2025	17:59	LB135196
	Selenium	5320	5000	106	90 - 110	P	03/26/2025	17:59	LB135196
	Silver	1280	1250	102	90 - 110	P	03/26/2025	17:59	LB135196

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Metals

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CRDL STANDARD FOR AA & ICP

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.17	0.2	85	40 - 160	CV	03/26/2025	08:48	LB135183
CRI01	Arsenic	19.5	20.0	97	40 - 160	P	03/26/2025	11:22	LB135196
	Barium	88.3	100	88	40 - 160	P	03/26/2025	11:22	LB135196
	Cadmium	5.73	6.0	96	40 - 160	P	03/26/2025	11:22	LB135196
	Chromium	10.1	10.0	101	40 - 160	P	03/26/2025	11:22	LB135196
	Lead	10.9	12.0	91	40 - 160	P	03/26/2025	11:22	LB135196
	Selenium	19.6	20.0	98	40 - 160	P	03/26/2025	11:22	LB135196
	Silver	11.0	10.0	110	40 - 160	P	03/26/2025	11:22	LB135196

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB61	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	08:38	LB135183

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB60	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	08:43	LB135183
CCB61	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	09:21	LB135183
CCB62	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	09:44	LB135183
CCB63	Mercury	0.20	+/-0.20	U	0.20	CV	03/26/2025	09:55	LB135183

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	11:18	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	11:18	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	11:18	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	11:18	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	11:18	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	11:18	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	11:18	LB135196

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	11:53	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	11:53	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	11:53	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	11:53	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	11:53	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	11:53	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	11:53	LB135196
CCB02	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	12:45	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	12:45	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	12:45	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	12:45	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	12:45	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	12:45	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	12:45	LB135196
CCB03	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	13:39	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	13:39	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	13:39	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	13:39	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	13:39	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	13:39	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	13:39	LB135196
CCB04	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	14:34	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	14:34	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	14:34	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	14:34	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	14:34	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	14:34	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	14:34	LB135196
CCB05	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	15:07	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	15:07	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	15:07	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	15:07	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	15:07	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	15:07	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	15:07	LB135196
CCB06	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	15:58	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	15:58	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	15:58	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	15:58	LB135196

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	15:58	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	15:58	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	15:58	LB135196
CCB07	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	16:48	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	16:48	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	16:48	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	16:48	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	16:48	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	16:48	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	16:48	LB135196
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	17:39	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	17:39	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	17:39	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	17:39	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	17:39	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	17:39	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	17:39	LB135196
CCB09	Arsenic	20.0	+/-20.0	U	20.0	P	03/26/2025	18:04	LB135196
	Barium	100	+/-100	U	100	P	03/26/2025	18:04	LB135196
	Cadmium	6.00	+/-6.00	U	6.00	P	03/26/2025	18:04	LB135196
	Chromium	10.0	+/-10.0	U	10.0	P	03/26/2025	18:04	LB135196
	Lead	12.0	+/-12.0	U	12.0	P	03/26/2025	18:04	LB135196
	Selenium	20.0	+/-20.0	U	20.0	P	03/26/2025	18:04	LB135196
	Silver	10.0	+/-10.0	U	10.0	P	03/26/2025	18:04	LB135196

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Metals
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PREPARATION BLANK SUMMARY

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

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167275TB		**WATER**		**Batch Number:**	**PB167309**		**Prep Date:**	**03/25/2025**	
	Mercury	2.00	<2.00	U	2.00	CV	03/26/2025	09:46	LB135183

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167309BL		**WATER**		**Batch Number:**	**PB167309**		**Prep Date:**	**03/25/2025**	
	Mercury	0.20	<0.20	U	0.20	CV	03/26/2025	09:03	LB135183

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Metals
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PREPARATION BLANK SUMMARY

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

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167275TB		**WATER**		**Batch Number:**	**PB167307**		**Prep Date:**	**03/25/2025**	
	Arsenic	100	<100	U	100	P	03/26/2025	11:57	LB135196
	Barium	500	<500	U	500	P	03/26/2025	11:57	LB135196
	Cadmium	30.0	<30.0	U	30.0	P	03/26/2025	11:57	LB135196
	Chromium	50.0	<50.0	U	50.0	P	03/26/2025	11:57	LB135196
	Lead	60.0	<60.0	U	60.0	P	03/26/2025	11:57	LB135196
	Selenium	100	<100	U	100	P	03/26/2025	11:57	LB135196
	Silver	50.0	<50.0	U	50.0	P	03/26/2025	11:57	LB135196

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167307BL		**WATER**		**Batch Number:**	**PB167307**		**Prep Date:**	**03/25/2025**	
	Arsenic	100	<100	U	100	P	03/26/2025	13:31	LB135196
	Barium	500	<500	U	500	P	03/26/2025	13:31	LB135196
	Cadmium	30.0	<30.0	U	30.0	P	03/26/2025	13:31	LB135196
	Chromium	50.0	<50.0	U	50.0	P	03/26/2025	13:31	LB135196
	Lead	60.0	<60.0	U	60.0	P	03/26/2025	13:31	LB135196
	Selenium	100	<100	U	100	P	03/26/2025	13:31	LB135196
	Silver	50.0	<50.0	U	50.0	P	03/26/2025	13:31	LB135196

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Metals
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INTERFERENCE CHECK SAMPLE

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	4.64			-20	20	03/26/2025	11:27	LB135196
	Barium	0.78	6.0	13	-94	106	03/26/2025	11:27	LB135196
	Cadmium	-2.74	1.0	274	-5	7	03/26/2025	11:27	LB135196
	Chromium	57.2	52.0	110	42	62	03/26/2025	11:27	LB135196
	Lead	11.8			-12	12	03/26/2025	11:27	LB135196
	Selenium	-16.2			-20	20	03/26/2025	11:27	LB135196
	Silver	-0.98			-10	10	03/26/2025	11:27	LB135196
ICSAB01	Arsenic	110	104	106	88.4	120	03/26/2025	11:31	LB135196
	Barium	483	537	90	437	637	03/26/2025	11:31	LB135196
	Cadmium	1020	972	105	826	1120	03/26/2025	11:31	LB135196
	Chromium	579	542	107	460	624	03/26/2025	11:31	LB135196
	Lead	58.7	49.0	120	37	61	03/26/2025	11:31	LB135196
	Selenium	35.0	46.0	76	26	66	03/26/2025	11:31	LB135196
	Silver	205	201	102	170	232	03/26/2025	11:31	LB135196

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: Walsh Construction Company II, LLC **level:** low **sdg no.:** Q1626

contract: WALS01 **lab code:** CHEM **case no.:** Q1626 **sas no.:** Q1626

matrix: Water **sample id:** Q1636-20 **client id:** WC-5MS

Percent Solids for Sample: NA **Spiked ID:** Q1636-20MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3900		100	U	4000	98		P
Barium	ug/L	75 - 125	3010		1850		1000	117		P
Cadmium	ug/L	75 - 125	933		30.0	U	1000	93		P
Chromium	ug/L	75 - 125	1960		50.0	U	2000	98		P
Lead	ug/L	75 - 125	4440		60.0	U	5000	89		P
Mercury	ug/L	75 - 125	35.0		2.00	U	40.0	88		CV
Selenium	ug/L	75 - 125	9680		100	U	10000	97		P
Silver	ug/L	75 - 125	369		50.0	U	380	97		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Walsh Construction Company II, LLC **level:** low **sdg no.:** Q1626

contract: WALS01 **lab code:** CHEM **case no.:** Q1626 **sas no.:** Q1626

matrix: Water **sample id:** Q1636-20 **client id:** WC-5MSD

Percent Solids for Sample: NA **Spiked ID:** Q1636-20MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3950		100	U	4000	99		P
Barium	ug/L	75 - 125	2980		1850		1000	114		P
Cadmium	ug/L	75 - 125	941		30.0	U	1000	94		P
Chromium	ug/L	75 - 125	1980		50.0	U	2000	99		P
Lead	ug/L	75 - 125	4430		60.0	U	5000	89		P
Mercury	ug/L	75 - 125	38.0		2.00	U	40.0	95		CV
Selenium	ug/L	75 - 125	9870		100	U	10000	99		P
Silver	ug/L	75 - 125	369		50.0	U	380	97		P

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

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DUPLICATE SAMPLE SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Matrix: Water **Sample ID:** Q1636-20 **Client ID:** WC-5DUP

Percent Solids for Sample: NA **Duplicate ID** Q1636-20DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	1850		1850		0		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	60.0	U	60.0	U			P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Matrix: Water **Sample ID:** Q1636-20MS **Client ID:** WC-5MSD

Percent Solids for Sample: NA **Duplicate ID** Q1636-20MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	3900		3950		1		P
Barium	ug/L	20	3010		2980		1		P
Cadmium	ug/L	20	933		941		1		P
Chromium	ug/L	20	1960		1980		1		P
Lead	ug/L	20	4440		4430		0		P
Mercury	ug/L	20	35.0		38.0		8		CV
Selenium	ug/L	20	9680		9870		2		P
Silver	ug/L	20	369		369		0		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167307BS							
Arsenic	ug/L	4000	3800		95	80 - 120	P
Barium	ug/L	1000	824		82	80 - 120	P
Cadmium	ug/L	1000	901		90	80 - 120	P
Chromium	ug/L	2000	1950		98	80 - 120	P
Lead	ug/L	5000	4450		89	80 - 120	P
Selenium	ug/L	10000	9730		97	80 - 120	P
Silver	ug/L	380	362		95	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167309BS							
Mercury	ug/L	4.0	3.83		96	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

WC-5L

Lab Name: Chemtech Consulting Group **Contract:** WALS01

Lab Code: CHEM **Lb No.:** lb135196 **Lab Sample ID :** Q1636-20L **SDG No.:** Q1626

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	100	U	500	U			P
Barium	1850		1750	J	5		P
Cadmium	30.0	U	150	U			P
Chromium	50.0	U	250	U			P
Lead	60.0	U	300	U			P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

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

Contract: WALS01 **Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Method:**

Case No.: Q1626 **SAS No.:** Q1626

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167307**						
PB167275TB	PB167275TB	MB	WATER	03/25/2025	5.0	25.0	
PB167307BL	PB167307BL	MB	WATER	03/25/2025	5.0	25.0	
PB167307BS	PB167307BS	LCS	WATER	03/25/2025	5.0	25.0	
Q1626-03	CO-32-1	SAM	WATER	03/25/2025	5.0	25.0	
Q1636-20DUP	WC-5DUP	DUP	WATER	03/25/2025	5.0	25.0	
Q1636-20MS	WC-5MS	MS	WATER	03/25/2025	5.0	25.0	
Q1636-20MSD	WC-5MSD	MSD	WATER	03/25/2025	5.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

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

Contract: WALS01 **Lab Code:** CHEM **Method:**

Case No.: Q1626 **SAS No.:** Q1626

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167309**						
PB167275TB	PB167275TB	MB	WATER	03/25/2025	3.0	30.0	
PB167309BL	PB167309BL	MB	WATER	03/25/2025	30.0	30.0	
PB167309BS	PB167309BS	LCS	WATER	03/25/2025	30.0	30.0	
Q1626-03	CO-32-1	SAM	WATER	03/25/2025	3.0	30.0	
Q1636-20DUP	WC-5DUP	DUP	WATER	03/25/2025	3.0	30.0	
Q1636-20MS	WC-5MS	MS	WATER	03/25/2025	3.0	30.0	
Q1636-20MSD	WC-5MSD	MSD	WATER	03/25/2025	3.0	30.0	

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ANALYSIS RUN LOG

Client: Walsh Construction Company II, LLC **Contract:** WALS01

Lab code: CHEM **Case no.:** Q1626 **Sas no.:** Q1626 **Sdg no.:** Q1626

Instrument id number: **Method:** **Run number:** LB135183

Start date: 03/26/2025 **End date:** 03/26/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0820	HG
S0.2	S0.2	1	0822	HG
S2.5	S2.5	1	0826	HG
S5	S5	1	0829	HG
S7.5	S7.5	1	0831	HG
S10	S10	1	0833	HG
ICV61	ICV61	1	0836	HG
ICB61	ICB61	1	0838	HG
CCV60	CCV60	1	0841	HG
CCB60	CCB60	1	0843	HG
CRA	CRA	1	0848	HG
PB167309BL	PB167309BL	1	0903	HG
PB167309BS	PB167309BS	1	0905	HG
Q1626-03	CO-32-1	1	0907	HG
CCV61	CCV61	1	0919	HG
CCB61	CCB61	1	0921	HG
Q1636-20DUP	WC-5DUP	1	0934	HG
Q1636-20MS	WC-5MS	1	0937	HG
Q1636-20MSD	WC-5MSD	1	0939	HG
CCV62	CCV62	1	0941	HG
CCB62	CCB62	1	0944	HG
PB167275TB	PB167275TB	1	0946	HG
Q1636-20L	WC-5L	5	0948	HG
CCV63	CCV63	1	0953	HG
CCB63	CCB63	1	0955	HG

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ANALYSIS RUN LOG

Client: Walsh Construction Company II, LLC **Contract:** WALS01

Lab code: CHEM **Case no.:** Q1626 **Sas no.:** Q1626 **Sdg no.:** Q1626

Instrument id number: **Method:** **Run number:** LB135196

Start date: 03/26/2025 **End date:** 03/26/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1038	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1043	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1047	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1051	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1055	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1059	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1104	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1114	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1118	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1122	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1127	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1131	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1135	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1153	Ag,As,Ba,Cd,Cr,Pb,Se
PB167275TB	PB167275TB	1	1157	Ag,As,Ba,Cd,Cr,Pb,Se
Q1626-03	CO-32-1	1	1201	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1241	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1245	Ag,As,Ba,Cd,Cr,Pb,Se
Q1636-20DUP	WC-5DUP	1	1309	Ag,As,Ba,Cd,Cr,Pb,Se
Q1636-20L	WC-5L	5	1314	Ag,As,Ba,Cd,Cr,Pb,Se
Q1636-20MS	WC-5MS	1	1318	Ag,As,Ba,Cd,Cr,Pb,Se
Q1636-20MSD	WC-5MSD	1	1322	Ag,As,Ba,Cd,Cr,Pb,Se
PB167307BL	PB167307BL	1	1331	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1335	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1339	Ag,As,Ba,Cd,Cr,Pb,Se
PB167307BS	PB167307BS	1	1344	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1430	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1434	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1502	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1507	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1554	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1558	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1643	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1648	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1735	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1739	Ag,As,Ba,Cd,Cr,Pb,Se
CCV09	CCV09	1	1759	Ag,As,Ba,Cd,Cr,Pb,Se
CCB09	CCB09	1	1804	Ag,As,Ba,Cd,Cr,Pb,Se

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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**			**03/21/25 11:20**			**03/21/25**
			Ammonia	SM4500-NH3		03/25/25	03/25/25 12:28	
			COD	SM5220 D			03/25/25 15:07	
			Cyanide	9012B		03/25/25	03/25/25 16:34	
			Hexavalent Chromium	7196A		03/24/25	03/24/25 15:28	
			Oil and Grease	9071B			03/25/25 09:30	
			Paint Filter	9095B			03/25/25 09:38	
			TS	SM2540 B			03/24/25 12:00	
			TVS	160.4			03/24/25 16:25	
Q1626-03	**CO-32-1**	**SOIL**			**03/21/25 11:20**			**03/21/25**
			Corrosivity	9045D			03/24/25 16:55	
			Ignitability	1030			03/24/25 11:38	
			Reactive Cyanide	9012B		03/25/25	03/25/25 15:45	
			Reactive Sulfide	9034		03/25/25	03/25/25 11:33	

SAMPLE DATA

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25 11:20
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1	SDG No.:	Q1626
Lab Sample ID:	Q1626-01	Matrix:	SOIL
		% Solid:	94.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.30	U	1	2.30	5.20	mg/Kg	03/25/25 08:50	03/25/25 12:28	SM 4500-NH3 B plus G-11
COD	7640	D	5	435	2590	mg/Kg		03/25/25 15:07	SM 5220 D-11
Cyanide	0.043	U	1	0.043	0.26	mg/Kg	03/25/25 13:30	03/25/25 16:34	9012B
Hexavalent Chromium	0.069	U	1	0.069	0.40	mg/Kg	03/24/25 10:15	03/24/25 15:28	7196A
Oil and Grease	1930		1	6.12	26.3	mg/Kg		03/25/25 09:30	SW9071B
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		03/25/25 09:38	9095B
TS	94.8		1	1.00	5.00	%		03/24/25 12:00	SM 2540 B-15
TVS	2.70	J	1	1.00	10.0	%		03/24/25 16:25	160.4

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25 11:20
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1	SDG No.:	Q1626
Lab Sample ID:	Q1626-03	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.27	H	1	0	0	pH		03/24/25 16:55	9045D
Ignitability	NO		1	0	0	oC		03/24/25 11:38	1030
Reactive Cyanide	0.0083	U	1	0.0083	0.050	mg/Kg	03/25/25 11:30	03/25/25 15:45	9012B
Reactive Sulfide	1.59	J	1	0.20	10.0	mg/Kg	03/25/25 09:20	03/25/25 11:33	9034

Comments: pH result reported at temperature 22.6 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

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Initial and Continuing Calibration Verification

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

Project: Walsh CO-032 Sampling **RunNo.:** LB135159

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.492	0.5	98	90-110	03/24/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.489	0.5	98	90-110	03/24/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.494	0.5	99	90-110	03/24/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.496	0.5	99	90-110	03/24/2025

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Initial and Continuing Calibration Verification

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

Project: Walsh CO-032 Sampling **RunNo.:** LB135166

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
Corrosivity		pH	7.00	7	100	90-110	03/24/2025
Sample ID:	CCV1						
Corrosivity		pH	2.01	2.00	101	90-110	03/24/2025
Sample ID:	CCV2						
Corrosivity		pH	12.02	12.00	100	90-110	03/24/2025
Sample ID:	CCV3						
Corrosivity		pH	2.01	2.00	101	90-110	03/24/2025

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Initial and Continuing Calibration Verification

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

Project: Walsh CO-032 Sampling **RunNo.:** LB135176

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV1**						
Ammonia as N	mg/L	1	1	100	90-110	03/25/2025
Sample ID: **CCV1**						
Ammonia as N	mg/L	1	1	100	90-110	03/25/2025
Sample ID: **CCV2**						
Ammonia as N	mg/L	0.98	1	98	90-110	03/25/2025
Sample ID: **CCV3**						
Ammonia as N	mg/L	1	1	100	90-110	03/25/2025
Sample ID: **CCV4**						
Ammonia as N	mg/L	0.98	1	98	90-110	03/25/2025

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Initial and Continuing Calibration Verification

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

Project: Walsh CO-032 Sampling **RunNo.:** LB135178

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
COD	mg/L	49.329	50	99	95-105	01/22/2025
Sample ID: **CCV1**						
COD	mg/L	50.319	50	101	95-105	03/25/2025
Sample ID: **CCV2**						
COD	mg/L	49.329	50	99	95-105	03/25/2025

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Initial and Continuing Calibration Verification

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

Project: Walsh CO-032 Sampling **RunNo.:** LB135179

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Reactive Cyanide	mg/L	0.094	0.099	95	85-115	03/25/2025
Sample ID: CCV1						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	03/25/2025
Sample ID: CCV2						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	03/25/2025
Sample ID: CCV3						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	03/25/2025
Sample ID: CCV4						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	03/25/2025

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Initial and Continuing Calibration Verification

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

Project: Walsh CO-032 Sampling **RunNo.:** LB135181

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
Cyanide		mg/L	0.096	0.099	97	90-110	03/25/2025
Sample ID:	**CCV1**						
Cyanide		mg/L	0.24	0.25	96	90-110	03/25/2025
Sample ID:	**CCV2**						
Cyanide		mg/L	0.25	0.25	100	90-110	03/25/2025

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Initial and Continuing Calibration Blank Summary

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

Project: Walsh CO-032 Sampling **RunNo.:** LB135159

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	03/24/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	03/24/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	03/24/2025
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	03/24/2025

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Initial and Continuing Calibration Blank Summary

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

Project: Walsh CO-032 Sampling **RunNo.:** LB135176

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	03/25/2025
Sample ID: CCB1							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	03/25/2025
Sample ID: CCB2							
Ammonia as N	mg/L	0.037	0.0500	J	0.030	0.1	03/25/2025
Sample ID: CCB3							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	03/25/2025
Sample ID: CCB4							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	03/25/2025

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Initial and Continuing Calibration Blank Summary

Client:	Walsh Construction Company II, LLC	**SDG No.:**	Q1626
Project:	Walsh CO-032 Sampling	**RunNo.:**	LB135178

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	**ICB**							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	01/22/2025
Sample ID:	**CCB1**							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	03/25/2025
Sample ID:	**CCB2**							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	03/25/2025

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Initial and Continuing Calibration Blank Summary

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

Project: Walsh CO-032 Sampling **RunNo.:** LB135179

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	03/25/2025
Sample ID: CCB1							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	03/25/2025
Sample ID: CCB2							
Reactive Cyanide	mg/L	0.00096	0.0025	J	0.00096	0.005	03/25/2025
Sample ID: CCB3							
Reactive Cyanide	mg/L	0.001	0.0025	J	0.00096	0.005	03/25/2025
Sample ID: CCB4							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	03/25/2025

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Initial and Continuing Calibration Blank Summary

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

Project: Walsh CO-032 Sampling **RunNo.:** LB135181

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	03/25/2025
Sample ID:	CCB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	03/25/2025
Sample ID:	CCB2							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	03/25/2025

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Preparation Blank Summary

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

Project: Walsh CO-032 Sampling

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB135161BL							
TS	%	< 2.5000	2.5000	U	1	5	03/24/2025
Sample ID: LB135162BL							
TVS	%	< 5.0000	5.0000	U	1	10	03/24/2025
Sample ID: LB135168BL							
Oil and Grease	mg/Kg	< 12.5000	12.5000	U	5.8	25	03/25/2025
Sample ID: LB135178BL							
COD	mg/Kg	< 250.0000	250.0000	U	84.1	500	03/25/2025
Sample ID: PB167259BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	03/24/2025
Sample ID: PB167281BL							
Ammonia as N	mg/Kg	< 2.5000	2.5000	U	2.2	5	03/25/2025
Sample ID: PB167287BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	03/25/2025
Sample ID: PB167300BL							
Reactive Cyanide	mg/Kg	< 0.0250	0.0250	U	0.0084	0.05	03/25/2025
Sample ID: PB167306BL							
Cyanide	mg/Kg	< 0.1250	0.1250	U	0.042	0.25	03/25/2025

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Matrix Spike Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1614-01
Client ID: TR-04-032025MS
Percent Solids for Spike Sample: 94.6

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1290		0.073	U	1360	40	95		03/24/2025

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Matrix Spike Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1614-01
Client ID: TR-04-032025MS
Percent Solids for Spike Sample: 94.6

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	39.0		0.073	U	42.3	2	92		03/24/2025

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Matrix Spike Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1614-01
Client ID: TR-04-032025MS
Percent Solids for Spike Sample: 94.6

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	33.0		0.073	U	42.3	2	78		03/24/2025

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Matrix Spike Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1626-01
Client ID: CO-32-1MS
Percent Solids for Spike Sample: 94.8

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	1.70		0.043	U	2.1	1	81		03/25/2025

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Matrix Spike Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1626-01
Client ID: CO-32-1MSD
Percent Solids for Spike Sample: 94.8

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	1.70		0.043	U	2.1	1	81		03/25/2025

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Matrix Spike Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1632-01
Client ID: PIER-1-2MS
Percent Solids for Spike Sample: 95.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/Kg	75-125	36.6		20.9	J	105	1	15	*	03/25/2025
COD	mg/Kg	75-125	4570		2090		2570	1	96		03/25/2025
Ammonia as N	mg/Kg	75-125	53.2		2.20	U	51.4	1	104		03/25/2025

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Matrix Spike Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1632-01
Client ID: PIER-1-2MSD
Percent Solids for Spike Sample: 95.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/Kg	75-125	52.3		20.9	J	105	1	30	*	03/25/2025
COD	mg/Kg	75-125	4470		2090		2570	1	93		03/25/2025
Ammonia as N	mg/Kg	75-125	52.5		2.20	U	50.9	1	103		03/25/2025

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Duplicate Sample Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1610-02
Client ID: SOIL-PILEDUP
Percent Solids for Spike Sample: 86.5

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ignitability	oC	+/-20	NO		NO		1	0		03/24/2025

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Duplicate Sample Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1614-01
Client ID: TR-04-032025DUP
Percent Solids for Spike Sample: 94.6

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.073	U	0.073	U	1	0		03/24/2025

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Duplicate Sample Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1619-06
Client ID: TP-1DUP
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Cyanide	mg/Kg	+/-20	0.0083	U	0.0084	U	1	0		03/25/2025

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Duplicate Sample Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1626-01
Client ID: CO-32-1DUP
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TS	%	+/-5	94.8		95.2		1	0.42		03/24/2025
TVS	%	+/-5	2.70	J	2.60	J	1	3.77		03/24/2025

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Duplicate Sample Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1626-01
Client ID: CO-32-1DUP
Percent Solids for Spike Sample: 94.8

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	0.043	U	0.044	U	1	0		03/25/2025

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Duplicate Sample Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1626-01
Client ID: CO-32-1MSD
Percent Solids for Spike Sample: 94.8

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	1.70		1.70		1	0		03/25/2025

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Duplicate Sample Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1626-03
Client ID: CO-32-1DUP
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Sulfide	mg/Kg	+/-20	1.59	J	1.59	J	1	0		03/25/2025

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Duplicate Sample Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1632-01
Client ID: PIER-1-2DUP
Percent Solids for Spike Sample: 95.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/Kg	+/-20	20.9	J	20.9	J	1	0.05		03/25/2025
Ammonia as N	mg/Kg	+/-20	2.20	U	2.20	U	1	0		03/25/2025
COD	mg/Kg	+/-20	2090		2210		1	5.58		03/25/2025

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Duplicate Sample Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1632-01
Client ID: PIER-1-2MSD
Percent Solids for Spike Sample: 95.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/Kg	+/-20	36.6		52.3		1	35.3	*	03/25/2025
Ammonia as N	mg/Kg	+/-20	53.2		52.5		1	1		03/25/2025
COD	mg/Kg	+/-20	4570		4470		1	2.21		03/25/2025

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Duplicate Sample Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1632-02
Client ID: PIER-1-2DUP
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Corrosivity	pH	+/-20	10.6		10.6		1	0.09		03/24/2025

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Duplicate Sample Summary

Client: Walsh Construction Company II, LLC
SDG No.: Q1626
Project: Walsh CO-032 Sampling
Sample ID: Q1635-01
Client ID: TP-2DUP
Percent Solids for Spike Sample: 89.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Paint Filter	ml/100gm	+/-20	1.00	U	1.00	U	1	0		03/25/2025

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Laboratory Control Sample Summary

Client:	Walsh Construction Company II, LLC	**SDG No.:**	Q1626
Project:	Walsh CO-032 Sampling	**Run No.:**	LB135168

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB135168BS								
Oil and Grease	mg/Kg	100	94.9		95	1	80-120	03/25/2025

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Laboratory Control Sample Summary

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

Project: Walsh CO-032 Sampling **Run No.:** LB135178

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB135178BS								
COD	mg/Kg	2500	2470		99	1	90-110	03/25/2025

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Laboratory Control Sample Summary

Client:	Walsh Construction Company II, LLC	**SDG No.:**	Q1626
Project:	Walsh CO-032 Sampling	**Run No.:**	LB135159

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB167259BS								
Hexavalent Chromium	**mg/Kg**	**20**	**19.9**		**100**	**1**	**84-110**	**03/24/2025**

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Laboratory Control Sample Summary

Client:	Walsh Construction Company II, LLC	**SDG No.:**	Q1626
Project:	Walsh CO-032 Sampling	**Run No.:**	LB135176

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB167281BS								
Ammonia as N	mg/Kg	50	53.1		106	1	90-110	03/25/2025

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Laboratory Control Sample Summary

Client:	Walsh Construction Company II, LLC	**SDG No.:**	Q1626
Project:	Walsh CO-032 Sampling	**Run No.:**	LB135181

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **PB167306BS**								
Cyanide	mg/Kg	5	4.70		94	1	85-115	03/25/2025