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**
			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

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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

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

Alliance TECHNICAL GROUP
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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

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)
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

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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)
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
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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)
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

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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
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J = Estimated Value
B = Analyte Found in Associated Method Blank
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* = Values outside of QC limits
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() = 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.