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LAB CHRONICLE

OrderID:	Q3341	**OrderDate:**	10/14/2025 12:11:00 PM
Client:	Kleinfelder	**Project:**	Webster School
Contact:	Mark Warchol	**Location:**	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3341-01	**C-1**	**SOIL**			**10/13/25**			**10/14/25**
			SVOCMS Group1	8270E		10/15/25	10/15/25	
Q3341-02	**C-2**	**SOIL**			**10/13/25**			**10/14/25**
			SVOCMS Group1	8270E		10/15/25	10/15/25	
Q3341-03	**C-3**	**SOIL**			**10/13/25**			**10/14/25**
			SVOCMS Group1	8270E		10/15/25	10/15/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3341

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C-1								
Q3341-01	C-1	SOIL	Phenanthrene	87.100	J	26.4	220	ug/Kg
Q3341-01	C-1	SOIL	Pyrene	110.000	J	45.5	220	ug/Kg
Q3341-01	C-1	SOIL	Benzo(b)fluoranthene	90.400	J	24	220	ug/Kg
			Total Svoc :	**287.50**				
			Total Concentration:	**287.50**				
Client ID : C-2								
Q3341-02	C-2	SOIL	Pyrene	130.000	J	43.5	210	ug/Kg
			Total Svoc :	**130.00**				
			Total Concentration:	**130.00**				

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	10/13/25
Project:	Webster School	Date Received:	10/14/25
Client Sample ID:	C-1	SDG No.:	Q3341
Lab Sample ID:	Q3341-01	Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid: 78.9
Sample Wt/Vol:	30.06 g	Final Vol: 1000 uL	Test: SVOCMS Group1
Prep Method :	SW3541	Prep Date: 10/15/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	41.5	U	1	41.5	220	ug/Kg	10/15/25 17:57	PB170106
91-20-3	Naphthalene	28.7	U	1	28.7	220	ug/Kg	10/15/25 17:57	PB170106
86-73-7	Fluorene	32.0	U	1	32.0	220	ug/Kg	10/15/25 17:57	PB170106
85-01-8	Phenanthrene	87.1	J	1	26.4	220	ug/Kg	10/15/25 17:57	PB170106
120-12-7	Anthracene	42.1	U	1	42.1	220	ug/Kg	10/15/25 17:57	PB170106
129-00-0	Pyrene	110	J	1	45.5	220	ug/Kg	10/15/25 17:57	PB170106
56-55-3	Benzo(a)anthracene	29.1	U	1	29.1	220	ug/Kg	10/15/25 17:57	PB170106
218-01-9	Chrysene	25.2	U	1	25.2	220	ug/Kg	10/15/25 17:57	PB170106
205-99-2	Benzo(b)fluoranthene	90.4	J	1	24.0	220	ug/Kg	10/15/25 17:57	PB170106
50-32-8	Benzo(a)pyrene	37.3	U	1	37.3	220	ug/Kg	10/15/25 17:57	PB170106
191-24-2	Benzo(g,h,i)perylene	32.5	U	1	32.5	220	ug/Kg	10/15/25 17:57	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	62.5			18 - 107	63%	SPK: 100		
321-60-8	2-Fluorobiphenyl	57.8			20 - 109	58%	SPK: 100		
1718-51-0	Terphenyl-d14	64.7			10 - 105	65%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	107000							
1146-65-2	Naphthalene-d8	422000							
15067-26-2	Acenaphthene-d10	230000							
1517-22-2	Phenanthrene-d10	394000							
1719-03-5	Chrysene-d12	215000							
1520-96-3	Perylene-d12	213000							

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:	Kleinfelder			Date Collected:	10/13/25
Project:	Webster School			Date Received:	10/14/25
Client Sample ID:	C-2			SDG No.:	Q3341
Lab Sample ID:	Q3341-02			Matrix:	SOIL
Analytical Method:	8270E	Level :	LOW	% Solid:	82.7
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	10/15/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	39.6	U	1	39.6	210	ug/Kg	10/15/25 18:26	PB170106
91-20-3	Naphthalene	27.4	U	1	27.4	210	ug/Kg	10/15/25 18:26	PB170106
86-73-7	Fluorene	30.6	U	1	30.6	210	ug/Kg	10/15/25 18:26	PB170106
85-01-8	Phenanthrene	25.2	U	1	25.2	210	ug/Kg	10/15/25 18:26	PB170106
120-12-7	Anthracene	40.2	U	1	40.2	210	ug/Kg	10/15/25 18:26	PB170106
129-00-0	Pyrene	130	J	1	43.5	210	ug/Kg	10/15/25 18:26	PB170106
56-55-3	Benzo(a)anthracene	27.8	U	1	27.8	210	ug/Kg	10/15/25 18:26	PB170106
218-01-9	Chrysene	24.0	U	1	24.0	210	ug/Kg	10/15/25 18:26	PB170106
205-99-2	Benzo(b)fluoranthene	23.0	U	1	23.0	210	ug/Kg	10/15/25 18:26	PB170106
50-32-8	Benzo(a)pyrene	35.6	U	1	35.6	210	ug/Kg	10/15/25 18:26	PB170106
191-24-2	Benzo(g,h,i)perylene	31.0	U	1	31.0	210	ug/Kg	10/15/25 18:26	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	62.3			18 - 107	62%	SPK: 100		
321-60-8	2-Fluorobiphenyl	57.6			20 - 109	58%	SPK: 100		
1718-51-0	Terphenyl-d14	63.2			10 - 105	63%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	102000							
1146-65-2	Naphthalene-d8	411000							
15067-26-2	Acenaphthene-d10	226000							
1517-22-2	Phenanthrene-d10	392000							
1719-03-5	Chrysene-d12	224000							
1520-96-3	Perylene-d12	213000							

U = Not Detected
LOQ = Limit of Quantitation
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Report of Analysis

Client:	Kleinfelder			Date Collected:	10/13/25
Project:	Webster School			Date Received:	10/14/25
Client Sample ID:	C-3			SDG No.:	Q3341
Lab Sample ID:	Q3341-03			Matrix:	SOIL
Analytical Method:	8270E	Level :	LOW	% Solid:	80.1
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	10/15/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	40.9	U	1	40.9	210	ug/Kg	10/15/25 18:56	PB170106
91-20-3	Naphthalene	28.3	U	1	28.3	210	ug/Kg	10/15/25 18:56	PB170106
86-73-7	Fluorene	31.5	U	1	31.5	210	ug/Kg	10/15/25 18:56	PB170106
85-01-8	Phenanthrene	26.0	U	1	26.0	210	ug/Kg	10/15/25 18:56	PB170106
120-12-7	Anthracene	41.5	U	1	41.5	210	ug/Kg	10/15/25 18:56	PB170106
129-00-0	Pyrene	44.9	U	1	44.9	210	ug/Kg	10/15/25 18:56	PB170106
56-55-3	Benzo(a)anthracene	28.7	U	1	28.7	210	ug/Kg	10/15/25 18:56	PB170106
218-01-9	Chrysene	24.8	U	1	24.8	210	ug/Kg	10/15/25 18:56	PB170106
205-99-2	Benzo(b)fluoranthene	23.7	U	1	23.7	210	ug/Kg	10/15/25 18:56	PB170106
50-32-8	Benzo(a)pyrene	36.8	U	1	36.8	210	ug/Kg	10/15/25 18:56	PB170106
191-24-2	Benzo(g,h,i)perylene	32.0	U	1	32.0	210	ug/Kg	10/15/25 18:56	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	55.8			18 - 107	56%	SPK: 100		
321-60-8	2-Fluorobiphenyl	51.5			20 - 109	52%	SPK: 100		
1718-51-0	Terphenyl-d14	59.1			10 - 105	59%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	110000							
1146-65-2	Naphthalene-d8	434000							
15067-26-2	Acenaphthene-d10	242000							
1517-22-2	Phenanthrene-d10	411000							
1719-03-5	Chrysene-d12	222000							
1520-96-3	Perylene-d12	220000							

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
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D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3341

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170106BL	PB170106BL	Nitrobenzene-d5	100	94.4	94		18	107
		2-Fluorobiphenyl	100	82.2	82		20	109
		Terphenyl-d14	100	98.5	99		10	105
PB170106BS	PB170106BS	Nitrobenzene-d5	100	86.0	86		18	107
		2-Fluorobiphenyl	100	76.4	76		20	109
		Terphenyl-d14	100	94.6	95		10	105
Q3337-01MS	LAYDOWN-YARD-1MS	Nitrobenzene-d5	100	51.2	51		18	107
		2-Fluorobiphenyl	100	52.1	52		20	109
		Terphenyl-d14	100	40.0	40		10	105
Q3337-01MSD	LAYDOWN-YARD-1MSD	Nitrobenzene-d5	100	52.9	53		18	107
		2-Fluorobiphenyl	100	52.7	53		20	109
		Terphenyl-d14	100	43.5	44		10	105
Q3341-01	C-1	Nitrobenzene-d5	100	62.5	63		18	107
		2-Fluorobiphenyl	100	57.8	58		20	109
		Terphenyl-d14	100	64.7	65		10	105
Q3341-02	C-2	Nitrobenzene-d5	100	62.3	62		18	107
		2-Fluorobiphenyl	100	57.6	58		20	109
		Terphenyl-d14	100	63.2	63		10	105
Q3341-03	C-3	Nitrobenzene-d5	100	55.8	56		18	107
		2-Fluorobiphenyl	100	51.5	52		20	109
		Terphenyl-d14	100	59.1	59		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3341 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BF143968.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3337-01MS		**Client Sample ID: LAYDOWN-YARD-1MS**									
Isophorone	1200	0	800	ug/Kg	67				49	127	
Naphthalene	1200	0	800	ug/Kg	67				51	121	
Fluorene	1200	0	840	ug/Kg	70				53	118	
Phenanthrene	1200	180	960	ug/Kg	65				52	128	
Anthracene	1200	0	860	ug/Kg	72				62	124	
Pyrene	1200	180	880	ug/Kg	58				37	122	
Benzo(a)anthracene	1200	120	930	ug/Kg	68				53	119	
Chrysene	1200	110	890	ug/Kg	65				57	121	
Benzo(b)fluoranthene	1200	140	1000	ug/Kg	72				52	117	
Benzo(a)pyrene	1200	100	940	ug/Kg	70				70	142	
Benzo(g,h,i)perylene	1200	0	720	ug/Kg	60				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3341 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BF143969.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3337-01MSD		**Client Sample ID: LAYDOWN-YARD-1MSD**									
Isophorone	1100	0	810	ug/Kg	74		10		49	127	20
Naphthalene	1100	0	820	ug/Kg	75		11		51	121	20
Fluorene	1100	0	860	ug/Kg	78		11		53	118	20
Phenanthrene	1100	180	980	ug/Kg	73		12		52	128	20
Anthracene	1100	0	890	ug/Kg	81		12		62	124	20
Pyrene	1100	180	950	ug/Kg	70		19		37	122	20
Benzo(a)anthracene	1100	120	880	ug/Kg	69		1		53	119	20
Chrysene	1100	110	890	ug/Kg	71		9		57	121	20
Benzo(b)fluoranthene	1100	140	980	ug/Kg	76		5		52	117	20
Benzo(a)pyrene	1100	100	910	ug/Kg	74		6		70	142	20
Benzo(g,h,i)perylene	1100	0	760	ug/Kg	69		14		24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3341 **Analytical Method:** 8270E

Client: Kleinfelder **DataFile:** BF143956.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170106BS	Isophorone	1700	1400	ug/Kg	82				59	99	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170106BL

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3341

Lab File ID: BF143955.D | Lab Sample ID: PB170106BL

Instrument ID: BNA_F | Date Extracted: 10/15/2025

Matrix: (soil/water) SOIL | Date Analyzed: 10/15/2025

Level: (low/med) LOW | Time Analyzed: 16:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170106BS	PB170106BS	BF143956.D	10/15/2025
C-1	Q3341-01	BF143958.D	10/15/2025
C-2	Q3341-02	BF143959.D	10/15/2025
LAYDOWN-YARD-1MS	Q3337-01MS	BF143968.D	10/15/2025
LAYDOWN-YARD-1MSD	Q3337-01MSD	BF143969.D	10/15/2025
C-3	Q3341-03	BF143960.D	10/15/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3341

Lab File ID: BF143874.D | DFTPP Injection Date: 10/06/2025

Instrument ID: BNA_F | DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	24
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.9
365	Greater than 1% of mass 198	3.1
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	19.6 (19.6) 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	BF143875.D	10/06/2025	09:59
SSTDICC005	SSTDICC005	BF143876.D	10/06/2025	10:28
SSTDICC010	SSTDICC010	BF143877.D	10/06/2025	10:57
SSTDICC020	SSTDICC020	BF143878.D	10/06/2025	11:56
SSTDICCC040	SSTDICCC040	BF143879.D	10/06/2025	12:54
SSTDICC050	SSTDICC050	BF143880.D	10/06/2025	13:23
SSTDICC060	SSTDICC060	BF143881.D	10/06/2025	13:53
SSTDICC080	SSTDICC080	BF143882.D	10/06/2025	14:22

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3341

Lab File ID: BF143950.D | DFTPP Injection Date: 10/15/2025

Instrument ID: BNA_F | DFTPP Injection Time: 14:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	23.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.7
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	16.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 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	BF143951.D	10/15/2025	14:33
PB170106BL	PB170106BL	BF143955.D	10/15/2025	16:29
PB170106BS	PB170106BS	BF143956.D	10/15/2025	16:59
C-1	Q3341-01	BF143958.D	10/15/2025	17:57
C-2	Q3341-02	BF143959.D	10/15/2025	18:26
C-3	Q3341-03	BF143960.D	10/15/2025	18:56
LAYDOWN-YARD-1MS	Q3337-01MS	BF143968.D	10/15/2025	22:49
LAYDOWN-YARD-1MSD	Q3337-01MSD	BF143969.D	10/15/2025	23:18

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3341

Client ID : SSTDCCC040 Date Analyzed: 10/15/2025

Lab File ID: BF143951.D Time Analyzed: 14:33

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	133330	6.881	482185	8.17	244444	9.92
	UPPER LIMIT	266660	7.381	964370	8.669	488888	10.422
	LOWER LIMIT	66665	6.381	241093	7.669	122222	9.422
	EPA SAMPLE NO.						
01	LAYDOWN-YARD-1MS	181566	6.88	654257	8.17	308543	9.92
02	LAYDOWN-YARD-1MSD	162049	6.88	562605	8.17	257454	9.93
03	PB170106BL	127400	6.88	500628	8.16	280346	9.92
04	PB170106BS	118178	6.88	460406	8.16	251791	9.92
05	C-1	106992	6.88	421767	8.16	230177	9.92
06	C-2	102022	6.88	410764	8.16	225605	9.92
07	C-3	109785	6.88	433602	8.16	242042	9.92

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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Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3341

Client ID: SSTDCCC040 Date Analyzed: 10/15/2025

Lab File ID: BF143951.D Time Analyzed: 14:33

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	412442	11.416	218845	14.063	232657	15.545
	UPPER LIMIT	824884	11.916	437690	14.563	465314	16.045
	LOWER LIMIT	206221	10.916	109423	13.563	116329	15.045
	EPA SAMPLE NO.						
01	LAYDOWN-YARD-1MS	474955	11.42	360258	14.07	304346	15.56
02	LAYDOWN-YARD-1MSD	441424	11.42	330283	14.07	265166	15.56
03	PB170106BL	489929	11.41	295321	14.06	261371	15.55
04	PB170106BS	429108	11.42	245664	14.06	238733	15.55
05	C-1	393715	11.41	214780	14.06	212779	15.55
06	C-2	391764	11.41	223504	14.06	212880	15.54
07	C-3	411308	11.41	221618	14.06	220263	15.54

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Kleinfelder		Date Collected:		
Project:	Webster School		Date Received:		
Client Sample ID:	PB170106BL		SDG No.:	Q3341	
Lab Sample ID:	PB170106BL		Matrix:	SOIL	
Analytical Method:	8270E	Level : LOW	% Solid:	100	
Sample Wt/Vol:	30.01 g	Final Vol: 1000 uL	Test:	SVOCMS Group1	
Prep Method :	SW3541	Prep Date: 10/15/25			

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	10/15/25 16:29	PB170106
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	10/15/25 16:29	PB170106
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	10/15/25 16:29	PB170106
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	10/15/25 16:29	PB170106
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	10/15/25 16:29	PB170106
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	10/15/25 16:29	PB170106
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	10/15/25 16:29	PB170106
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	10/15/25 16:29	PB170106
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	10/15/25 16:29	PB170106
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	10/15/25 16:29	PB170106
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	10/15/25 16:29	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	94.4			18 - 107	94%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.2			20 - 109	82%	SPK: 100		
1718-51-0	Terphenyl-d14	98.5			10 - 105	99%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	127000							
1146-65-2	Naphthalene-d8	501000							
15067-26-2	Acenaphthene-d10	280000							
1517-22-2	Phenanthrene-d10	490000							
1719-03-5	Chrysene-d12	295000							
1520-96-3	Perylene-d12	261000							

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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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Webster School			Date Received:	
Client Sample ID:	PB170106BS			SDG No.:	Q3341
Lab Sample ID:	PB170106BS			Matrix:	SOIL
Analytical Method:	8270E	Level :	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	10/15/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	1400		1	32.8	170	ug/Kg	10/15/25 16:59	PB170106
91-20-3	Naphthalene	1400		1	22.7	170	ug/Kg	10/15/25 16:59	PB170106
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	10/15/25 16:59	PB170106
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	10/15/25 16:59	PB170106
120-12-7	Anthracene	1500		1	33.3	170	ug/Kg	10/15/25 16:59	PB170106
129-00-0	Pyrene	1600		1	36.0	170	ug/Kg	10/15/25 16:59	PB170106
56-55-3	Benzo(a)anthracene	1600		1	23.0	170	ug/Kg	10/15/25 16:59	PB170106
218-01-9	Chrysene	1500		1	19.9	170	ug/Kg	10/15/25 16:59	PB170106
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	170	ug/Kg	10/15/25 16:59	PB170106
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	10/15/25 16:59	PB170106
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	10/15/25 16:59	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	86.0			18 - 107	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.4			20 - 109	76%	SPK: 100		
1718-51-0	Terphenyl-d14	94.6			10 - 105	95%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	118000							
1146-65-2	Naphthalene-d8	460000							
15067-26-2	Acenaphthene-d10	252000							
1517-22-2	Phenanthrene-d10	429000							
1719-03-5	Chrysene-d12	246000							
1520-96-3	Perylene-d12	239000							

U = Not Detected
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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	10/13/25
Project:	Webster School	Date Received:	10/13/25
Client Sample ID:	LAYDOWN-YARD-1MS	SDG No.:	Q3341
Lab Sample ID:	Q3337-01MS	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	86.9
Sample Wt/Vol:	50.03 g Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541 Prep Date: 10/15/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	800		2	45.3	230	ug/Kg	10/15/25 22:49	PB170106
91-20-3	Naphthalene	800		2	31.3	230	ug/Kg	10/15/25 22:49	PB170106
86-73-7	Fluorene	840		2	34.9	230	ug/Kg	10/15/25 22:49	PB170106
85-01-8	Phenanthrene	960		2	28.8	230	ug/Kg	10/15/25 22:49	PB170106
120-12-7	Anthracene	860		2	46.0	230	ug/Kg	10/15/25 22:49	PB170106
129-00-0	Pyrene	880		2	49.7	230	ug/Kg	10/15/25 22:49	PB170106
56-55-3	Benzo(a)anthracene	930		2	31.7	230	ug/Kg	10/15/25 22:49	PB170106
218-01-9	Chrysene	890		2	27.5	230	ug/Kg	10/15/25 22:49	PB170106
205-99-2	Benzo(b)fluoranthene	1000		2	26.2	230	ug/Kg	10/15/25 22:49	PB170106
50-32-8	Benzo(a)pyrene	940		2	40.7	230	ug/Kg	10/15/25 22:49	PB170106
191-24-2	Benzo(g,h,i)perylene	720		2	35.5	230	ug/Kg	10/15/25 22:49	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	51.2			18 - 107	51%	SPK: 100		
321-60-8	2-Fluorobiphenyl	52.1			20 - 109	52%	SPK: 100		
1718-51-0	Terphenyl-d14	40.0			10 - 105	40%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	182000							
1146-65-2	Naphthalene-d8	654000							
15067-26-2	Acenaphthene-d10	309000							
1517-22-2	Phenanthrene-d10	475000							
1719-03-5	Chrysene-d12	360000							
1520-96-3	Perylene-d12	304000							

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Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	10/13/25
Project:	Webster School	Date Received:	10/13/25
Client Sample ID:	LAYDOWN-YARD-1MSD	SDG No.:	Q3341
Lab Sample ID:	Q3337-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	86.9
Sample Wt/Vol:	50.08 g Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541 Prep Date: 10/15/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	810		2	45.2	230	ug/Kg	10/15/25 23:18	PB170106
91-20-3	Naphthalene	820		2	31.3	230	ug/Kg	10/15/25 23:18	PB170106
86-73-7	Fluorene	860		2	34.9	230	ug/Kg	10/15/25 23:18	PB170106
85-01-8	Phenanthrene	980		2	28.8	230	ug/Kg	10/15/25 23:18	PB170106
120-12-7	Anthracene	890		2	45.9	230	ug/Kg	10/15/25 23:18	PB170106
129-00-0	Pyrene	950		2	49.6	230	ug/Kg	10/15/25 23:18	PB170106
56-55-3	Benzo(a)anthracene	880		2	31.7	230	ug/Kg	10/15/25 23:18	PB170106
218-01-9	Chrysene	890		2	27.4	230	ug/Kg	10/15/25 23:18	PB170106
205-99-2	Benzo(b)fluoranthene	980		2	26.2	230	ug/Kg	10/15/25 23:18	PB170106
50-32-8	Benzo(a)pyrene	910		2	40.7	230	ug/Kg	10/15/25 23:18	PB170106
191-24-2	Benzo(g,h,i)perylene	760		2	35.4	230	ug/Kg	10/15/25 23:18	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	52.9			18 - 107	53%	SPK: 100		
321-60-8	2-Fluorobiphenyl	52.7			20 - 109	53%	SPK: 100		
1718-51-0	Terphenyl-d14	43.5			10 - 105	44%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	162000							
1146-65-2	Naphthalene-d8	563000							
15067-26-2	Acenaphthene-d10	257000							
1517-22-2	Phenanthrene-d10	441000							
1719-03-5	Chrysene-d12	330000							
1520-96-3	Perylene-d12	265000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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J = Estimated Value
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CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143875.D 5 =BF143876.D 10 =BF143877.D 20 =BF143878.D 40 =BF143879.D 50 =BF143880.D 60 =BF143881.D 80 =BF1438
82.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.614	0.595	0.597	0.609	0.544	0.576	0.544	0.583	4.96
3)		Pyridine		1.691	1.672	1.749	1.772	1.668	1.680	1.644	1.697	2.74
4)		n-Nitrosodimet...			0.825	0.895	0.909	0.917	0.909	0.900	0.893	3.81
5)	S	2-Fluorophenol		1.378	1.349	1.352	1.307	1.173	1.177	1.079	1.259	9.15
6)		Aniline		2.400	2.327	2.361	2.343	2.185	2.134	1.997	2.250	6.58
7)	S	Phenol-d6		1.626	1.631	1.601	1.542	1.404	1.387	1.317	1.501	8.62
8)		2-Chlorophenol		1.324	1.229	1.274	1.294	1.201	1.182	1.113	1.231	5.90
9)		Benzaldehyde			1.115	1.026	1.329	1.198	1.390	0.890	1.158	16.18
10)	C	Phenol		1.934	1.814	1.889	1.841	1.756	1.739	1.589	1.795	6.33
11)		bis(2-Chloroet...		1.487	1.457	1.467	1.446	1.308	1.302	1.238	1.386	7.25
12)		1,3-Dichlorobe...		1.742	1.591	1.589	1.516	1.336	1.327	1.215	1.474	12.64
13)	C	1,4-Dichlorobe...		1.653	1.606	1.567	1.499	1.326	1.340	1.185	1.454	11.88
14)		1,2-Dichlorobe...		1.581	1.507	1.501	1.434	1.283	1.288	1.153	1.392	11.06
15)		Benzyl Alcohol			1.118	1.138	1.173	1.134	1.104	1.082	1.125	2.79
16)		2,2'-oxybis(1-...		3.520	3.385	3.273	3.239	3.008	2.945	2.720	3.156	8.79
17)		2-Methylphenol		1.064	1.057	1.049	1.054	0.985	0.986	0.927	1.017	5.10
18)		Hexachloroethane		0.533	0.508	0.515	0.501	0.456	0.464	0.417	0.485	8.39
19)	P	n-Nitroso-di-n...	1.052	1.135	1.134	1.054	1.026	0.970	0.938	0.912	1.028	8.13
20)		3+4-Methylphenols			1.401	1.342	1.266	1.067	1.068	0.933	1.179	15.58
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.515	0.461	0.462	0.433	0.374	0.375	0.340	0.423	14.67
23)	S	Nitrobenzene-d5		0.325	0.333	0.347	0.345	0.323	0.325	0.307	0.329	4.19
24)		Nitrobenzene		0.369	0.349	0.389	0.391	0.352	0.365	0.342	0.366	5.26
25)		Isophorone		0.754	0.708	0.708	0.705	0.665	0.663	0.656	0.694	5.04
26)	C	2-Nitrophenol		0.121	0.133	0.163	0.174	0.167	0.173	0.166	0.157	13.39
27)		2,4-Dimethylph...		0.287	0.288	0.292	0.295	0.271	0.278	0.264	0.282	4.08
28)		bis(2-Chloroet...		0.510	0.474	0.463	0.444	0.398	0.401	0.380	0.438	10.79
29)	C	2,4-Dichloroph...		0.317	0.292	0.313	0.307	0.280	0.282	0.265	0.294	6.54
30)		1,2,4-Trichlor...		0.331	0.299	0.307	0.298	0.266	0.272	0.249	0.289	9.57
31)		Naphthalene		1.103	0.996	0.972	0.932	0.817	0.817	0.732	0.910	14.06
32)		Benzoic acid			0.131	0.173	0.200	0.216	0.222	0.228	0.195	18.95
33)		4-Chloroaniline		0.368	0.370	0.357	0.355	0.319	0.321	0.298	0.341	8.20
34)	C	Hexachlorobuta...		0.231	0.214	0.210	0.207	0.183	0.187	0.173	0.201	10.11
35)		Caprolactam			0.092	0.091	0.095	0.094	0.093	0.094	0.093	1.59
36)	C	4-Chloro-3-met...		0.301	0.302	0.289	0.287	0.269	0.270	0.256	0.282	6.27
37)		2-Methylnaphth...		0.742	0.683	0.654	0.616	0.527	0.533	0.487	0.606	15.46
38)		1-Methylnaphth...		0.719	0.656	0.629	0.605	0.517	0.523	0.465	0.588	15.23

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.610	0.592	0.595	0.590	0.500	0.519	0.464	0.553	10.38
41)	P	Hexachlorocycl...		0.182	0.216	0.257	0.246	0.240	0.235	0.229	11.77
42)	S	2,4,6-Tribromo...	0.194	0.192	0.210	0.207	0.198	0.200	0.193	0.199	3.51
43)	C	2,4,6-Trichlor...	0.408	0.394	0.426	0.445	0.383	0.395	0.376	0.404	6.07
44)		2,4,5-Trichlor...	0.443	0.444	0.460	0.456	0.401	0.403	0.380	0.427	7.34
45)	S	2-Fluorobiphenyl	1.568	1.424	1.335	1.224	0.984	1.028		1.260	18.04
46)		1,1'-Biphenyl	1.617	1.476	1.448	1.374	1.134	1.171	1.050	1.324	15.77
47)		2-Chloronaphth...	1.294	1.196	1.197	1.137	0.988	1.003	0.913	1.104	12.50
48)		2-Nitroaniline	0.293	0.322	0.371	0.392	0.354	0.365	0.348	0.349	9.43
49)		Acenaphthylene	1.797	1.701	1.648	1.623	1.386	1.426	1.284	1.552	12.11
50)		Dimethylphthalate	1.442	1.351	1.334	1.291	1.166	1.202	1.105	1.270	9.29
51)		2,6-Dinitrotol...	0.201	0.204	0.245	0.262	0.250	0.250	0.237	0.236	10.13
52)	C	Acenaphthene	1.177	1.115	1.096	1.052	0.897	0.934	0.847	1.017	12.21
53)		3-Nitroaniline	0.256	0.270	0.306	0.306	0.296	0.298	0.286	0.288	6.59
54)	P	2,4-Dinitrophenol		0.061	0.094	0.120	0.143	0.144	0.146	0.118	29.25
55)		Dibenzofuran	1.680	1.608	1.572	1.494	1.253	1.295	1.149	1.436	14.13
56)	P	4-Nitrophenol		0.173	0.215	0.234	0.230	0.228	0.230	0.218	10.55
57)		2,4-Dinitrotol...	0.252	0.284	0.341	0.365	0.335	0.346	0.320	0.320	12.30
58)		Fluorene	1.393	1.266	1.173	1.097	0.897	0.922	0.835	1.083	19.21
59)		2,3,4,6-Tetrac...	0.276	0.303	0.315	0.325	0.300	0.309	0.288	0.302	5.49
60)		Diethylphthalate	1.319	1.281	1.273	1.222	1.070	1.105	0.989	1.180	10.62
61)		4-Chlorophenyl...	0.689	0.662	0.626	0.596	0.485	0.505	0.446	0.573	16.43
62)		4-Nitroaniline	0.257	0.259	0.285	0.292	0.287	0.288	0.274	0.277	5.25
63)		Azobenzene	1.387	1.331	1.308	1.280	1.114	1.156	1.055	1.233	10.10
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.065	0.092	0.111	0.112	0.114	0.110	0.101	19.26
66)	c	n-Nitrosodiphe...	0.712	0.683	0.675	0.656	0.560	0.584	0.527	0.628	11.22
67)		4-Bromophenyl-...	0.247	0.234	0.231	0.231	0.201	0.207	0.196	0.221	8.74
68)		Hexachlorobenzene	0.277	0.268	0.263	0.267	0.242	0.245	0.231	0.256	6.59
69)		Atrazine	0.197	0.206	0.213	0.195	0.184	0.177	0.161	0.190	9.44
70)	C	Pentachlorophenol		0.117	0.152	0.157	0.154	0.154	0.147	0.147	10.10
71)		Phenanthrene	1.164	1.092	1.066	0.976	0.842	0.872	0.775	0.970	14.94
72)		Anthracene	1.161	1.097	1.057	1.025	0.854	0.881	0.781	0.980	14.43
73)		Carbazole	1.015	0.962	0.939	0.884	0.766	0.804	0.703	0.868	13.10
74)		Di-n-butylphth...	1.089	1.094	1.108	1.053	0.910	0.954	0.830	1.005	10.76
75)	C	Fluoranthene	1.156	1.153	1.094	1.032	0.876	0.910	0.789	1.002	14.43
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.701	0.719	0.761	0.651	0.640		0.694	7.16
78)		Pyrene	1.838	1.663	1.769	1.863	1.541	1.578	1.420	1.667	9.87
79)	S	Terphenyl-d14	1.301	1.209	1.271	1.279	1.066	1.080	0.984	1.170	10.70
80)		Butylbenzylpht...	0.466	0.503	0.579	0.620	0.545	0.553	0.524	0.542	9.31
81)		Benzo(a)anthra...	1.342	1.347	1.354	1.398	1.232	1.291	1.198	1.309	5.49
82)		3,3'-Dichlorob...		0.364	0.403	0.440	0.401	0.404	0.381	0.399	6.41
83)		Chrysene	1.373	1.188	1.267	1.294	1.116	1.126	1.115	1.211	8.41
84)		Bis(2-ethylhex...	0.591	0.619	0.687	0.739	0.642	0.672	0.619	0.653	7.70
85)	c	Di-n-octyl pht...		0.837	1.009	1.194	1.108	1.151	1.133	1.072	12.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.114	1.104	1.222	1.393	1.235	1.263	1.248	1.225	7.97
88)		Benzo(b)fluora...	1.207	1.138	1.131	1.269	1.095	1.202	1.000	1.149	7.63
89)		Benzo(k)fluora...	1.138	1.173	1.228	1.108	0.923	0.921	0.951	1.063	12.11
90)	C	Benzo(a)pyrene	1.000	1.006	1.037	1.102	0.936	0.970	0.923	0.996	6.17
91)		Dibenzo(a,h)an...	0.888	0.915	1.015	1.128	0.975	1.007	0.972	0.986	7.89
92)		Benzo(g,h,i)pe...	0.889	0.888	0.983	1.117	0.991	1.018	1.014	0.986	8.08

(#) = Out of Range

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q3341

Instrument ID: BNA_F Calibration Date/Time: 10/15/2025 14:33

Lab File ID: BF143951.D Init. Calib. Date(s): 10/06/2025 10/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.259	1.315		4.4	
Phenol-d6	1.501	1.525		1.6	
Nitrobenzene-d5	0.329	0.355		7.9	
Isophorone	0.694	0.654		-5.8	
Naphthalene	0.910	0.908		-0.2	
2-Fluorobiphenyl	1.260	1.179		-6.4	
Fluorene	1.083	1.066		-1.6	
2,4,6-Tribromophenol	0.199	0.201		1.0	
Phenanthrene	0.970	0.968		-0.2	
Anthracene	0.980	0.985		0.5	
Pyrene	1.667	1.871		12.2	
Terphenyl-d14	1.170	1.343		14.8	
Benzo(a)anthracene	1.309	1.333		1.8	
Chrysene	1.211	1.270		4.9	
Benzo(b)fluoranthene	1.149	1.068		-7.1	
Benzo(a)pyrene	0.996	1.034		3.8	20.0
Benzo(g,h,i)perylene	0.986	1.176		19.3	

All other compounds must meet a minimum RRF of 0.010.