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

LAB CHRONICLE

OrderID:	Q3614	**OrderDate:**	11/12/2025 11:51:00 AM
Client:	Kleinfelder	**Project:**	Logan School
Contact:	Mark Warchol	**Location:**	J21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3614-01	**COMP-1**	**SOIL**			**11/11/25**			**11/12/25**
			SVOCMS Group1	8270E		11/13/25	11/13/25	
Q3614-02	**COMP-2**	**SOIL**			**11/11/25**			**11/12/25**
			SVOCMS Group1	8270E		11/13/25	11/13/25	
Q3614-03	**COMP-3**	**SOIL**			**11/11/25**			**11/12/25**
			SVOCMS Group1	8270E		11/13/25	11/13/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3614

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-2								
Q3614-02	COMP-2	SOIL	Fluorene	95.800	J	30.9	210	ug/Kg
Q3614-02	COMP-2	SOIL	Phenanthrene	650.000		25.6	210	ug/Kg
Q3614-02	COMP-2	SOIL	Anthracene	170.000	J	40.7	210	ug/Kg
Q3614-02	COMP-2	SOIL	Pyrene	480.000		44	210	ug/Kg
Q3614-02	COMP-2	SOIL	Benzo(a)anthracene	230.000		28.1	210	ug/Kg
Q3614-02	COMP-2	SOIL	Chrysene	200.000	J	24.3	210	ug/Kg
Q3614-02	COMP-2	SOIL	Benzo(b)fluoranthene	220.000		23.2	210	ug/Kg
Q3614-02	COMP-2	SOIL	Benzo(a)pyrene	190.000	J	36.1	210	ug/Kg
Q3614-02	COMP-2	SOIL	Indeno(1,2,3-cd)pyrene	95.600	J	35.6	210	ug/Kg
Q3614-02	COMP-2	SOIL	Benzo(g,h,i)perylene	110.000	J	31.4	210	ug/Kg
			Total Svoc :	**2,441.40**				
			Total Concentration:	**2,441.40**				
Client ID : COMP-3								
Q3614-03	COMP-3	SOIL	Fluorene	81.300	J	30.2	200	ug/Kg
Q3614-03	COMP-3	SOIL	Phenanthrene	580.000		25	200	ug/Kg
Q3614-03	COMP-3	SOIL	Anthracene	150.000	J	39.8	200	ug/Kg
Q3614-03	COMP-3	SOIL	Pyrene	380.000		43	200	ug/Kg
Q3614-03	COMP-3	SOIL	Benzo(a)anthracene	180.000	J	27.5	200	ug/Kg
Q3614-03	COMP-3	SOIL	Chrysene	150.000	J	23.8	200	ug/Kg
Q3614-03	COMP-3	SOIL	Benzo(b)fluoranthene	170.000	J	22.7	200	ug/Kg
Q3614-03	COMP-3	SOIL	Benzo(a)pyrene	120.000	J	35.3	200	ug/Kg
			Total Svoc :	**1,811.30**				
			Total Concentration:	**1,811.30**				

SAMPLE DATA

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	11/11/25
Project:	Logan School			Date Received:	11/12/25
Client Sample ID:	COMP-1			SDG No.:	Q3614
Lab Sample ID:	Q3614-01			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	82.3
Sample Wt/Vol:	30.06 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	27.5	U	1	27.5	210	ug/Kg	11/13/25 22:48	PB170528
86-73-7	Fluorene	30.7	U	1	30.7	210	ug/Kg	11/13/25 22:48	PB170528
85-01-8	Phenanthrene	25.3	U	1	25.3	210	ug/Kg	11/13/25 22:48	PB170528
120-12-7	Anthracene	40.4	U	1	40.4	210	ug/Kg	11/13/25 22:48	PB170528
129-00-0	Pyrene	43.7	U	1	43.7	210	ug/Kg	11/13/25 22:48	PB170528
56-55-3	Benzo(a)anthracene	27.9	U	1	27.9	210	ug/Kg	11/13/25 22:48	PB170528
218-01-9	Chrysene	24.1	U	1	24.1	210	ug/Kg	11/13/25 22:48	PB170528
205-99-2	Benzo(b)fluoranthene	23.0	U	1	23.0	210	ug/Kg	11/13/25 22:48	PB170528
50-32-8	Benzo(a)pyrene	35.8	U	1	35.8	210	ug/Kg	11/13/25 22:48	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	35.3	U	1	35.3	210	ug/Kg	11/13/25 22:48	PB170528
191-24-2	Benzo(g,h,i)perylene	31.2	U	1	31.2	210	ug/Kg	11/13/25 22:48	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	51.9			10 - 108	52%	SPK: 100		
321-60-8	2-Fluorobiphenyl	52.7			10 - 108	53%	SPK: 100		
1718-51-0	Terphenyl-d14	54.7			10 - 109	55%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	36300							
1146-65-2	Naphthalene-d8	134000							
15067-26-2	Acenaphthene-d10	104000							
1517-22-2	Phenanthrene-d10	245000							
1719-03-5	Chrysene-d12	301000							
1520-96-3	Perylene-d12	308000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	11/11/25
Project:	Logan School			Date Received:	11/12/25
Client Sample ID:	COMP-2			SDG No.:	Q3614
Lab Sample ID:	Q3614-02			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	81.7
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	27.8	U	1	27.8	210	ug/Kg	11/13/25 20:46	PB170528
86-73-7	Fluorene	95.8	J	1	30.9	210	ug/Kg	11/13/25 20:46	PB170528
85-01-8	Phenanthrene	650		1	25.6	210	ug/Kg	11/13/25 20:46	PB170528
120-12-7	Anthracene	170	J	1	40.7	210	ug/Kg	11/13/25 20:46	PB170528
129-00-0	Pyrene	480		1	44.0	210	ug/Kg	11/13/25 20:46	PB170528
56-55-3	Benzo(a)anthracene	230		1	28.1	210	ug/Kg	11/13/25 20:46	PB170528
218-01-9	Chrysene	200	J	1	24.3	210	ug/Kg	11/13/25 20:46	PB170528
205-99-2	Benzo(b)fluoranthene	220		1	23.2	210	ug/Kg	11/13/25 20:46	PB170528
50-32-8	Benzo(a)pyrene	190	J	1	36.1	210	ug/Kg	11/13/25 20:46	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	95.6	J	1	35.6	210	ug/Kg	11/13/25 20:46	PB170528
191-24-2	Benzo(g,h,i)perylene	110	J	1	31.4	210	ug/Kg	11/13/25 20:46	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	46.7			10 - 108	47%	SPK: 100		
321-60-8	2-Fluorobiphenyl	46.5			10 - 108	47%	SPK: 100		
1718-51-0	Terphenyl-d14	48.0			10 - 109	48%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	34000							
1146-65-2	Naphthalene-d8	129000							
15067-26-2	Acenaphthene-d10	100000							
1517-22-2	Phenanthrene-d10	242000							
1719-03-5	Chrysene-d12	311000							
1520-96-3	Perylene-d12	334000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	11/11/25
Project:	Logan School			Date Received:	11/12/25
Client Sample ID:	COMP-3			SDG No.:	Q3614
Lab Sample ID:	Q3614-03			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	83.5
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	27.1	U	1	27.1	200	ug/Kg	11/13/25 21:27	PB170528
86-73-7	Fluorene	81.3	J	1	30.2	200	ug/Kg	11/13/25 21:27	PB170528
85-01-8	Phenanthrene	580		1	25.0	200	ug/Kg	11/13/25 21:27	PB170528
120-12-7	Anthracene	150	J	1	39.8	200	ug/Kg	11/13/25 21:27	PB170528
129-00-0	Pyrene	380		1	43.0	200	ug/Kg	11/13/25 21:27	PB170528
56-55-3	Benzo(a)anthracene	180	J	1	27.5	200	ug/Kg	11/13/25 21:27	PB170528
218-01-9	Chrysene	150	J	1	23.8	200	ug/Kg	11/13/25 21:27	PB170528
205-99-2	Benzo(b)fluoranthene	170	J	1	22.7	200	ug/Kg	11/13/25 21:27	PB170528
50-32-8	Benzo(a)pyrene	120	J	1	35.3	200	ug/Kg	11/13/25 21:27	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	34.8	U	1	34.8	200	ug/Kg	11/13/25 21:27	PB170528
191-24-2	Benzo(g,h,i)perylene	30.7	U	1	30.7	200	ug/Kg	11/13/25 21:27	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	55.1			10 - 108	55%	SPK: 100		
321-60-8	2-Fluorobiphenyl	53.8			10 - 108	54%	SPK: 100		
1718-51-0	Terphenyl-d14	61.1			10 - 109	61%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	37800							
1146-65-2	Naphthalene-d8	144000							
15067-26-2	Acenaphthene-d10	117000							
1517-22-2	Phenanthrene-d10	277000							
1719-03-5	Chrysene-d12	316000							
1520-96-3	Perylene-d12	334000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q3614

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170528BL	PB170528BL	Nitrobenzene-d5	100	85.8	86		10	108
		2-Fluorobiphenyl	100	88.7	89		10	108
		Terphenyl-d14	100	90.7	91		10	109
PB170528BS	PB170528BS	Nitrobenzene-d5	100	78.6	79		10	108
		2-Fluorobiphenyl	100	78.1	78		10	108
		Terphenyl-d14	100	77.9	78		10	109
Q3609-13MS	AU-713-COMP-05MS	Nitrobenzene-d5	100	68.8	69		10	108
		2-Fluorobiphenyl	100	67.9	68		10	108
		Terphenyl-d14	100	71.5	72		10	109
Q3609-13MSD	AU-713-COMP-05MSD	Nitrobenzene-d5	100	67.3	67		10	108
		2-Fluorobiphenyl	100	66.3	66		10	108
		Terphenyl-d14	100	75.3	75		10	109
Q3614-01	COMP-1	Nitrobenzene-d5	100	51.9	52		10	108
		2-Fluorobiphenyl	100	52.7	53		10	108
		Terphenyl-d14	100	54.7	55		10	109
Q3614-02	COMP-2	Nitrobenzene-d5	100	46.7	47		10	108
		2-Fluorobiphenyl	100	46.5	47		10	108
		Terphenyl-d14	100	48.0	48		10	109
Q3614-03	COMP-3	Nitrobenzene-d5	100	55.1	55		10	108
		2-Fluorobiphenyl	100	53.8	54		10	108
		Terphenyl-d14	100	61.1	61		10	109

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3614 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BG064761.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3609-13MS		**Client Sample ID: AU-713-COMP-05MS**									
Naphthalene	1200	0	1100	ug/Kg	92				66	113	
Fluorene	1200	0	1100	ug/Kg	92				67	114	
Phenanthrene	1200	0	1100	ug/Kg	92				52	128	
Anthracene	1200	0	1100	ug/Kg	92				62	124	
Pyrene	1200	0	1200	ug/Kg	100				37	122	
Benzo(a)anthracene	1200	0	1100	ug/Kg	92				53	119	
Chrysene	1200	0	1100	ug/Kg	92				57	121	
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92				52	117	
Benzo(a)pyrene	1200	0	1100	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1200	0	1200	ug/Kg	100				48	129	
Benzo(g,h,i)perylene	1200	0	1200	ug/Kg	100				40	133	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3614 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BG064762.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3609-13MSD		**Client Sample ID: AU-713-COMP-05MSD**									
Naphthalene	1200	0	1100	ug/Kg	92		0		66	113	20
Fluorene	1200	0	1100	ug/Kg	92		0		67	114	20
Phenanthrene	1200	0	1100	ug/Kg	92		0		52	128	20
Anthracene	1200	0	1100	ug/Kg	92		0		62	124	20
Pyrene	1200	0	1200	ug/Kg	100		0		37	122	27
Benzo(a)anthracene	1200	0	1100	ug/Kg	92		0		53	119	20
Chrysene	1200	0	1100	ug/Kg	92		0		57	121	20
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92		0		52	117	20
Benzo(a)pyrene	1200	0	1100	ug/Kg	92		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	1200	ug/Kg	100		0		48	129	20
Benzo(g,h,i)perylene	1200	0	1200	ug/Kg	100		0		40	133	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3614 **Analytical Method:** 8270E

Client: Kleinfelder **DataFile:** BG064758.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170528BS	Naphthalene	1700	1400	ug/Kg	82				62	100	
	Fluorene	1700	1400	ug/Kg	82				75	99	
	Phenanthrene	1700	1400	ug/Kg	82				75	100	
	Anthracene	1700	1400	ug/Kg	82				75	103	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				75	104	
	Chrysene	1700	1400	ug/Kg	82				75	103	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				79	109	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170528BL

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3614

Lab File ID: BG064757.D | Lab Sample ID: PB170528BL

Instrument ID: BNA_G | Date Extracted: 11/13/2025

Matrix: (soil/water) SOIL | Date Analyzed: 11/13/2025

Level: (low/med) LOW | Time Analyzed: 15:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170528BS	PB170528BS	BG064758.D	11/13/2025
AU-713-COMP-05MS	Q3609-13MS	BG064761.D	11/13/2025
AU-713-COMP-05MSD	Q3609-13MSD	BG064762.D	11/13/2025
COMP-2	Q3614-02	BG064765.D	11/13/2025
COMP-1	Q3614-01	BG064768.D	11/13/2025
COMP-3	Q3614-03	BG064766.D	11/13/2025

COMMENTS:

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3614

Lab File ID: BG064744.D | DFTPP Injection Date: 11/12/2025

Instrument ID: BNA_G | DFTPP Injection Time: 10:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	25.2
70	Less than 2.0% of mass 69	0.1 (0.2) 1
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	6.7
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	16
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
SSTDICC2.5	SSTDICC2.5	BG064745.D	11/12/2025	11:17
SSTDICC005	SSTDICC005	BG064746.D	11/12/2025	11:58
SSTDICC010	SSTDICC010	BG064747.D	11/12/2025	12:39
SSTDICC020	SSTDICC020	BG064748.D	11/12/2025	13:20
SSTDICCC040	SSTDICCC040	BG064749.D	11/12/2025	14:00
SSTDICC050	SSTDICC050	BG064750.D	11/12/2025	14:41
SSTDICC060	SSTDICC060	BG064751.D	11/12/2025	15:23
SSTDICC080	SSTDICC080	BG064752.D	11/12/2025	16:04

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3614

Lab File ID: BG064755.D | DFTPP Injection Date: 11/13/2025

Instrument ID: BNA_G | DFTPP Injection Time: 13:54

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	23
70	Less than 2.0% of mass 69	0.1 (0.5) 1
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	5.7
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	16.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064756.D	11/13/2025	14:35
PB170528BL	PB170528BL	BG064757.D	11/13/2025	15:16
PB170528BS	PB170528BS	BG064758.D	11/13/2025	15:57
AU-713-COMP-05MS	Q3609-13MS	BG064761.D	11/13/2025	18:03
AU-713-COMP-05MSD	Q3609-13MSD	BG064762.D	11/13/2025	18:43
COMP-2	Q3614-02	BG064765.D	11/13/2025	20:46
COMP-3	Q3614-03	BG064766.D	11/13/2025	21:27
COMP-1	Q3614-01	BG064768.D	11/13/2025	22:48

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3614

Client ID : SSTDCCC040 Date Analyzed: 11/13/2025

Lab File ID: BG064756.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	35112	8.164	138078	10.98	109512	14.77
	UPPER LIMIT	70224	8.664	276156	11.484	219024	15.274
	LOWER LIMIT	17556	7.664	69039	10.484	54756	14.274
	EPA SAMPLE NO.						
01	COMP-1	36331	8.17	134433	10.98	103762	14.78
02	COMP-2	33950	8.17	129288	10.98	100182	14.78
03	COMP-3	37846	8.16	144314	10.98	117322	14.77
04	PB170528BL	29011	8.17	107778	10.98	85059	14.78
05	PB170528BS	35345	8.17	134884	10.98	109093	14.77
06	AU-713-COMP-05MS	32346	8.17	121484	10.98	96899	14.78
07	AU-713-COMP-05MSD	37173	8.16	139653	10.98	113644	14.78

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3614

Client ID: SSTDCCC040 Date Analyzed: 11/13/2025

Lab File ID: BG064756.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	269959	17.506	348735	21.76	372397	25.015
	UPPER LIMIT	539918	18.006	697470	22.26	744794	25.515
	LOWER LIMIT	134980	17.006	174368	21.26	186199	24.515
	EPA SAMPLE NO.						
01	COMP-1	245156	17.50	300613	21.75	308402	25.01
02	COMP-2	242440	17.50	310729	21.75	334431	25.01
03	COMP-3	277033	17.50	316134	21.75	333844	25.01
04	PB170528BL	213577	17.50	341171	21.75	353663	25.01
05	PB170528BS	277518	17.51	388627	21.76	384250	25.02
06	AU-713-COMP-05MS	237837	17.50	308191	21.76	326854	25.01
07	AU-713-COMP-05MSD	275145	17.50	306388	21.76	312946	25.01

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Logan School			Date Received:	
Client Sample ID:	PB170528BL			SDG No.:	Q3614
Lab Sample ID:	PB170528BL			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:	11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	11/13/25 15:16	PB170528
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	11/13/25 15:16	PB170528
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	11/13/25 15:16	PB170528
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	11/13/25 15:16	PB170528
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	11/13/25 15:16	PB170528
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	11/13/25 15:16	PB170528
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	11/13/25 15:16	PB170528
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	11/13/25 15:16	PB170528
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	11/13/25 15:16	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	11/13/25 15:16	PB170528
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	11/13/25 15:16	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	85.8			10 - 108	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	88.7			10 - 108	89%	SPK: 100		
1718-51-0	Terphenyl-d14	90.7			10 - 109	91%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	29000							
1146-65-2	Naphthalene-d8	108000							
15067-26-2	Acenaphthene-d10	85100							
1517-22-2	Phenanthrene-d10	214000							
1719-03-5	Chrysene-d12	341000							
1520-96-3	Perylene-d12	354000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Logan School			Date Received:	
Client Sample ID:	PB170528BS			SDG No.:	Q3614
Lab Sample ID:	PB170528BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	1400		1	22.7	170	ug/Kg	11/13/25 15:57	PB170528
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	11/13/25 15:57	PB170528
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	11/13/25 15:57	PB170528
120-12-7	Anthracene	1400		1	33.3	170	ug/Kg	11/13/25 15:57	PB170528
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	11/13/25 15:57	PB170528
56-55-3	Benzo(a)anthracene	1400		1	23.0	170	ug/Kg	11/13/25 15:57	PB170528
218-01-9	Chrysene	1400		1	19.9	170	ug/Kg	11/13/25 15:57	PB170528
205-99-2	Benzo(b)fluoranthene	1600		1	19.0	170	ug/Kg	11/13/25 15:57	PB170528
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	11/13/25 15:57	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	1600		1	29.1	170	ug/Kg	11/13/25 15:57	PB170528
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	11/13/25 15:57	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	78.6			10 - 108	79%	SPK: 100		
321-60-8	2-Fluorobiphenyl	78.1			10 - 108	78%	SPK: 100		
1718-51-0	Terphenyl-d14	77.9			10 - 109	78%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	35300							
1146-65-2	Naphthalene-d8	135000							
15067-26-2	Acenaphthene-d10	109000							
1517-22-2	Phenanthrene-d10	278000							
1719-03-5	Chrysene-d12	389000							
1520-96-3	Perylene-d12	384000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	11/11/25
Project:	Logan School	Date Received:	11/12/25
Client Sample ID:	AU-713-COMP-05MS	SDG No.:	Q3614
Lab Sample ID:	Q3609-13MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	84.9
Sample Wt/Vol:	50.08 g Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	1100		1	16.0	120	ug/Kg	11/13/25 18:03	PB170528
86-73-7	Fluorene	1100		1	17.9	120	ug/Kg	11/13/25 18:03	PB170528
85-01-8	Phenanthrene	1100		1	14.7	120	ug/Kg	11/13/25 18:03	PB170528
120-12-7	Anthracene	1100		1	23.5	120	ug/Kg	11/13/25 18:03	PB170528
129-00-0	Pyrene	1200		1	25.4	120	ug/Kg	11/13/25 18:03	PB170528
56-55-3	Benzo(a)anthracene	1100		1	16.2	120	ug/Kg	11/13/25 18:03	PB170528
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	11/13/25 18:03	PB170528
205-99-2	Benzo(b)fluoranthene	1100		1	13.4	120	ug/Kg	11/13/25 18:03	PB170528
50-32-8	Benzo(a)pyrene	1100		1	20.8	120	ug/Kg	11/13/25 18:03	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	1200		1	20.5	120	ug/Kg	11/13/25 18:03	PB170528
191-24-2	Benzo(g,h,i)perylene	1200		1	18.1	120	ug/Kg	11/13/25 18:03	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	68.8			10 - 108	69%	SPK: 100		
321-60-8	2-Fluorobiphenyl	67.9			10 - 108	68%	SPK: 100		
1718-51-0	Terphenyl-d14	71.5			10 - 109	72%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	32300							
1146-65-2	Naphthalene-d8	121000							
15067-26-2	Acenaphthene-d10	96900							
1517-22-2	Phenanthrene-d10	238000							
1719-03-5	Chrysene-d12	308000							
1520-96-3	Perylene-d12	327000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	11/11/25
Project:	Logan School	Date Received:	11/12/25
Client Sample ID:	AU-713-COMP-05MSD	SDG No.:	Q3614
Lab Sample ID:	Q3609-13MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	84.9
Sample Wt/Vol:	50.06 g Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	1100		1	16.0	120	ug/Kg	11/13/25 18:43	PB170528
86-73-7	Fluorene	1100		1	17.9	120	ug/Kg	11/13/25 18:43	PB170528
85-01-8	Phenanthrene	1100		1	14.8	120	ug/Kg	11/13/25 18:43	PB170528
120-12-7	Anthracene	1100		1	23.5	120	ug/Kg	11/13/25 18:43	PB170528
129-00-0	Pyrene	1200		1	25.4	120	ug/Kg	11/13/25 18:43	PB170528
56-55-3	Benzo(a)anthracene	1100		1	16.2	120	ug/Kg	11/13/25 18:43	PB170528
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	11/13/25 18:43	PB170528
205-99-2	Benzo(b)fluoranthene	1100		1	13.4	120	ug/Kg	11/13/25 18:43	PB170528
50-32-8	Benzo(a)pyrene	1100		1	20.8	120	ug/Kg	11/13/25 18:43	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	1200		1	20.5	120	ug/Kg	11/13/25 18:43	PB170528
191-24-2	Benzo(g,h,i)perylene	1200		1	18.1	120	ug/Kg	11/13/25 18:43	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	67.3			10 - 108	67%	SPK: 100		
321-60-8	2-Fluorobiphenyl	66.3			10 - 108	66%	SPK: 100		
1718-51-0	Terphenyl-d14	75.3			10 - 109	75%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	37200							
1146-65-2	Naphthalene-d8	140000							
15067-26-2	Acenaphthene-d10	114000							
1517-22-2	Phenanthrene-d10	275000							
1719-03-5	Chrysene-d12	306000							
1520-96-3	Perylene-d12	313000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG111225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 12 17:10:56 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064745.D 5 =BG064746.D 10 =BG064747.D 20 =BG064748.D 40 =BG064749.D 50 =BG064750.D 60 =BG064751.D 80 =BG0647
52.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.441	0.455	0.445	0.468	0.452	0.420	0.422	0.443	3.90
3)		Pyridine		1.269	1.297	1.315	1.365	1.355	1.344	1.303	1.321	2.62
4)		n-Nitrosodimet...			0.657	0.664	0.687	0.690	0.672	0.665	0.672	1.95
5)	S	2-Fluorophenol		1.084	1.128	1.165	1.170	1.181	1.151	1.140	1.145	2.85
6)		Aniline		1.783	2.001	2.105	2.109	2.125	2.034	2.057	2.030	5.82
7)	S	Phenol-d6		1.388	1.466	1.539	1.580	1.616	1.535	1.540	1.523	4.95
8)		2-Chlorophenol		1.208	1.221	1.268	1.303	1.318	1.225	1.261	1.258	3.36
9)		Benzaldehyde			1.027	0.980	1.029	0.949	1.004	0.994	0.997	3.01
10)	C	Phenol		1.501	1.584	1.666	1.711	1.774	1.669	1.698	1.657	5.40
11)		bis(2-Chloroet...		1.093	1.141	1.224	1.234	1.224	1.164	1.176	1.179	4.39
12)		1,3-Dichlorobe...		1.410	1.423	1.487	1.492	1.467	1.412	1.440	1.447	2.38
13)	C	1,4-Dichlorobe...		1.434	1.461	1.529	1.501	1.485	1.448	1.456	1.474	2.26
14)		1,2-Dichlorobe...		1.416	1.371	1.444	1.475	1.447	1.429	1.419	1.429	2.27
15)		Benzyl Alcohol			1.055	1.229	1.305	1.338	1.276	1.300	1.250	8.18
16)		2,2'-oxybis(1-...		2.713	2.796	2.959	2.834	2.861	2.687	2.692	2.792	3.63
17)		2-Methylphenol		1.072	1.149	1.196	1.218	1.234	1.156	1.185	1.173	4.61
18)		Hexachloroethane		0.584	0.549	0.572	0.563	0.550	0.541	0.548	0.558	2.76
19)	P	n-Nitroso-di-n...	0.924	0.875	1.015	1.116	1.097	1.138	1.036	1.039	1.030	8.93
20)		3+4-Methylphenols			1.480	1.628	1.649	1.670	1.602	1.610	1.607	4.14
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.465	0.536	0.581	0.561	0.555	0.547	0.571	0.545	7.02
23)	S	Nitrobenzene-d5		0.371	0.378	0.410	0.414	0.416	0.411	0.433	0.405	5.47
24)		Nitrobenzene		0.353	0.398	0.431	0.415	0.417	0.415	0.432	0.409	6.62
25)		Isophorone		0.723	0.760	0.796	0.767	0.785	0.777	0.784	0.770	3.13
26)	C	2-Nitrophenol		0.133	0.175	0.189	0.193	0.194	0.197	0.206	0.184	13.12
27)		2,4-Dimethylph...		0.309	0.301	0.336	0.331	0.334	0.336	0.338	0.327	4.55
28)		bis(2-Chloroet...		0.383	0.419	0.444	0.425	0.432	0.423	0.435	0.423	4.63
29)	C	2,4-Dichloroph...		0.283	0.331	0.367	0.364	0.371	0.365	0.373	0.351	9.39
30)		1,2,4-Trichlor...		0.408	0.417	0.443	0.424	0.418	0.419	0.435	0.423	2.83
31)		Naphthalene		1.076	1.163	1.170	1.141	1.123	1.120	1.145	1.134	2.79
32)		Benzoic acid			0.135	0.166	0.204	0.221	0.255	0.248	0.205	22.85
33)		4-Chloroaniline		0.357	0.452	0.477	0.471	0.472	0.466	0.479	0.454	9.61
34)	C	Hexachlorobuta...		0.365	0.353	0.370	0.366	0.358	0.357	0.374	0.363	2.14
35)		Caprolactam			0.090	0.104	0.103	0.114	0.107	0.111	0.105	8.03
36)	C	4-Chloro-3-met...		0.348	0.388	0.399	0.390	0.402	0.402	0.404	0.390	5.07
37)		2-Methylnaphth...		0.820	0.842	0.902	0.844	0.850	0.835	0.846	0.848	3.03
38)		1-Methylnaphth...		0.844	0.841	0.880	0.834	0.835	0.820	0.845	0.843	2.20

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG111225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.756	0.746	0.811	0.782	0.759	0.789	0.806	0.778	3.25
41)	P	Hexachlorocycl...		0.478	0.547	0.560	0.557	0.592	0.612	0.558	8.28
42)	S	2,4,6-Tribromo...	0.346	0.384	0.410	0.386	0.398	0.403	0.404	0.390	5.53
43)	C	2,4,6-Trichlor...	0.386	0.432	0.472	0.465	0.474	0.481	0.487	0.457	7.90
44)		2,4,5-Trichlor...	0.467	0.460	0.546	0.521	0.520	0.531	0.543	0.512	6.82
45)	S	2-Fluorobiphenyl	1.403	1.445	1.509	1.420	1.400	1.434	1.422	1.433	2.58
46)		1,1'-Biphenyl	1.416	1.417	1.498	1.428	1.405	1.441	1.449	1.436	2.17
47)		2-Chloronaphth...	1.124	1.112	1.167	1.120	1.116	1.138	1.146	1.132	1.74
48)		2-Nitroaniline	0.291	0.345	0.373	0.371	0.383	0.391	0.394	0.364	9.94
49)		Acenaphthylene	1.839	1.928	1.996	1.930	1.932	1.967	1.942	1.933	2.51
50)		Dimethylphthalate	1.535	1.569	1.654	1.549	1.580	1.592	1.581	1.580	2.42
51)		2,6-Dinitrotol...	0.265	0.281	0.313	0.305	0.317	0.322	0.325	0.304	7.36
52)	C	Acenaphthene	1.072	1.104	1.169	1.166	1.177	1.213	1.212	1.159	4.56
53)		3-Nitroaniline	0.247	0.277	0.301	0.306	0.320	0.326	0.323	0.300	9.57
54)	P	2,4-Dinitrophenol		0.060	0.114	0.169	0.189	0.198	0.221	0.158	38.04
55)		Dibenzofuran	1.897	1.991	1.994	1.867	1.892	1.889	1.885	1.916	2.75
56)	P	4-Nitrophenol		0.181	0.224	0.241	0.257	0.261	0.264	0.238	13.24
57)		2,4-Dinitrotol...	0.376	0.426	0.477	0.462	0.472	0.489	0.489	0.456	9.08
58)		Fluorene	1.481	1.569	1.595	1.471	1.462	1.475	1.469	1.503	3.65
59)		2,3,4,6-Tetrac...	0.418	0.480	0.521	0.501	0.536	0.543	0.539	0.506	8.85
60)		Diethylphthalate	1.443	1.521	1.585	1.492	1.532	1.520	1.501	1.513	2.84
61)		4-Chlorophenyl...	0.892	0.927	0.940	0.880	0.882	0.894	0.899	0.902	2.53
62)		4-Nitroaniline	0.245	0.288	0.318	0.320	0.335	0.335	0.334	0.311	10.71
63)		Azobenzene	1.244	1.292	1.309	1.235	1.250	1.255	1.227	1.259	2.40
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.073	0.099	0.117	0.121	0.126	0.131	0.111	19.44
66)	c	n-Nitrosodiphe...	0.483	0.531	0.544	0.538	0.519	0.528	0.524	0.524	3.79
67)		4-Bromophenyl-...	0.241	0.263	0.269	0.269	0.259	0.269	0.267	0.263	3.86
68)		Hexachlorobenzene	0.312	0.312	0.326	0.320	0.318	0.317	0.323	0.318	1.67
69)		Atrazine	0.245	0.251	0.257	0.253	0.254	0.253	0.256	0.253	1.53
70)	C	Pentachlorophenol		0.088	0.138	0.160	0.177	0.187	0.193	0.157	24.85
71)		Phenanthrene	1.075	1.118	1.123	1.099	1.081	1.090	1.074	1.094	1.84
72)		Anthracene	1.098	1.122	1.152	1.113	1.099	1.113	1.114	1.116	1.62
73)		Carbazole	0.926	0.987	0.982	0.971	0.944	0.955	0.950	0.959	2.27
74)		Di-n-butylphth...	0.998	1.107	1.105	1.077	1.076	1.070	1.059	1.070	3.41
75)	C	Fluoranthene	1.508	1.558	1.531	1.494	1.461	1.475	1.448	1.496	2.61
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.674	0.631	0.561	0.618	0.552	0.557	0.599	8.29
78)		Pyrene	1.076	1.089	1.145	1.111	1.164	1.136	1.125	1.121	2.78
79)	S	Terphenyl-d14	1.018	1.028	1.060	1.012	1.040	0.993	0.967	1.017	3.01
80)		Butylbenzylpht...	0.377	0.391	0.402	0.391	0.404	0.397	0.398	0.394	2.37
81)		Benzo(a)anthra...	1.338	1.371	1.395	1.379	1.357	1.334	1.346	1.360	1.66
82)		3,3'-Dichlorob...		0.501	0.518	0.517	0.507	0.479	0.481	0.501	3.35
83)		Chrysene	1.266	1.292	1.301	1.309	1.267	1.275	1.264	1.282	1.44
84)		Bis(2-ethylhex...	0.582	0.581	0.598	0.583	0.571	0.564	0.553	0.576	2.54
85)	c	Di-n-octyl pht...		0.993	1.026	1.038	0.983	0.974	0.962	0.996	2.99

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG111225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.262	1.324	1.388	1.399	1.404	1.404	1.438	1.374	4.38
88)		Benzo(b)fluora...	1.190	1.250	1.299	1.291	1.279	1.304	1.296	1.273	3.21
89)		Benzo(k)fluora...	1.245	1.296	1.321	1.249	1.279	1.256	1.305	1.279	2.32
90)	C	Benzo(a)pyrene	1.131	1.176	1.197	1.191	1.182	1.189	1.199	1.181	1.99
91)		Dibenzo(a,h)an...	1.026	1.092	1.128	1.151	1.155	1.147	1.180	1.126	4.60
92)		Benzo(g,h,i)pe...	1.000	1.044	1.091	1.105	1.108	1.104	1.131	1.083	4.19

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q3614

Instrument ID: BNA_G Calibration Date/Time: 11/13/2025 14:35

Lab File ID: BG064756.D Init. Calib. Date(s): 11/12/2025 11/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:17 16:04

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.145	1.131		-1.2	
Phenol-d6	1.523	1.539		1.1	
Nitrobenzene-d5	0.405	0.405		0.0	
Naphthalene	1.134	1.123		-1.0	
2-Fluorobiphenyl	1.433	1.435		0.1	
Fluorene	1.503	1.475		-1.9	
2,4,6-Tribromophenol	0.390	0.387		-0.8	
Phenanthrene	1.094	1.107		1.2	
Anthracene	1.116	1.128		1.1	
Pyrene	1.121	1.181		5.4	
Terphenyl-d14	1.017	1.067		4.9	
Benzo(a)anthracene	1.360	1.363		0.2	
Chrysene	1.282	1.292		0.8	
Benzo(b)fluoranthene	1.273	1.277		0.3	
Benzo(a)pyrene	1.181	1.176		-0.4	20.0
Indeno(1,2,3-cd)pyrene	1.374	1.421		3.4	
Benzo(g,h,i)perylene	1.083	1.119		3.3	

All other compounds must meet a minimum RRF of 0.010.