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

LAB CHRONICLE

OrderID:	Q3155	**OrderDate:**	9/19/2025 1:05:00 PM
Client:	Kleinfelder	**Project:**	Tanner G. Duckrey Public School
Contact:	Mark Warchol	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-01	**COMP-1**	**SOIL**			**09/19/25**			**09/19/25**
			SVOCMS Group1	8270E		09/22/25	09/23/25	
Q3155-02	**COMP-2**	**SOIL**			**09/19/25**			**09/19/25**
			SVOCMS Group1	8270E		09/22/25	09/23/25	
Q3155-03	**COMP-3**	**SOIL**			**09/19/25**			**09/19/25**
			SVOCMS Group1	8270E		09/22/25	09/23/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3155

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
Q3155-01	COMP-1	SOIL	Phenanthrene	290.000		23.8	190	ug/Kg
Q3155-01	COMP-1	SOIL	Pyrene	520.000		40.9	190	ug/Kg
Q3155-01	COMP-1	SOIL	Benzo(a)anthracene	230.000		26.2	190	ug/Kg
Q3155-01	COMP-1	SOIL	Chrysene	240.000		22.6	190	ug/Kg
Q3155-01	COMP-1	SOIL	Benzo(b)fluoranthene	320.000		21.6	190	ug/Kg
Q3155-01	COMP-1	SOIL	Benzo(a)pyrene	240.000		33.5	190	ug/Kg
Q3155-01	COMP-1	SOIL	Indeno(1,2,3-cd)pyrene	140.000	J	33.1	190	ug/Kg
Q3155-01	COMP-1	SOIL	Benzo(g,h,i)perylene	190.000		29.2	190	ug/Kg
			Total Svoc :	**2,170.00**				
			Total Concentration:	**2,170.00**				
Client ID : COMP-2								
Q3155-02	COMP-2	SOIL	Phenanthrene	530.000		22.9	190	ug/Kg
Q3155-02	COMP-2	SOIL	Anthracene	110.000	J	36.5	190	ug/Kg
Q3155-02	COMP-2	SOIL	Pyrene	550.000		39.5	190	ug/Kg
Q3155-02	COMP-2	SOIL	Benzo(a)anthracene	340.000		25.2	190	ug/Kg
Q3155-02	COMP-2	SOIL	Chrysene	320.000		21.8	190	ug/Kg
Q3155-02	COMP-2	SOIL	Benzo(b)fluoranthene	390.000		20.8	190	ug/Kg
Q3155-02	COMP-2	SOIL	Benzo(a)pyrene	320.000		32.3	190	ug/Kg
Q3155-02	COMP-2	SOIL	Indeno(1,2,3-cd)pyrene	170.000	J	31.9	190	ug/Kg
Q3155-02	COMP-2	SOIL	Benzo(g,h,i)perylene	200.000		28.2	190	ug/Kg
			Total Svoc :	**2,930.00**				
			Total Concentration:	**2,930.00**				
Client ID : COMP-3								
Q3155-03	COMP-3	SOIL	Naphthalene	90.500	J	24.7	180	ug/Kg
Q3155-03	COMP-3	SOIL	Fluorene	160.000	J	27.5	180	ug/Kg
Q3155-03	COMP-3	SOIL	Phenanthrene	2,100.000		22.7	180	ug/Kg
Q3155-03	COMP-3	SOIL	Anthracene	370.000		36.2	180	ug/Kg
Q3155-03	COMP-3	SOIL	Pyrene	1,900.000		39.1	180	ug/Kg
Q3155-03	COMP-3	SOIL	Benzo(a)anthracene	1,200.000		25	180	ug/Kg
Q3155-03	COMP-3	SOIL	Chrysene	1,100.000		21.6	180	ug/Kg
Q3155-03	COMP-3	SOIL	Benzo(b)fluoranthene	1,500.000		20.7	180	ug/Kg
Q3155-03	COMP-3	SOIL	Benzo(a)pyrene	1,100.000		32.1	180	ug/Kg
Q3155-03	COMP-3	SOIL	Indeno(1,2,3-cd)pyrene	610.000		31.6	180	ug/Kg
Q3155-03	COMP-3	SOIL	Benzo(g,h,i)perylene	730.000		27.9	180	ug/Kg
			Total Svoc :	**10,860.50**				
			Total Concentration:	**10,860.50**				

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Hit Summary Sheet
SW-846

SDG No.: Q3155

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BG064437.D	1	09/22/25 09:30	09/23/25 13:18	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	25.8	U	25.8	190	ug/Kg
86-73-7	Fluorene	28.8	U	28.8	190	ug/Kg
85-01-8	Phenanthrene	290		23.8	190	ug/Kg
120-12-7	Anthracene	37.9	U	37.9	190	ug/Kg
129-00-0	Pyrene	520		40.9	190	ug/Kg
56-55-3	Benzo(a)anthracene	230		26.2	190	ug/Kg
218-01-9	Chrysene	240		22.6	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	320		21.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	240		33.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	33.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		29.2	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	57.1		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.6		20 - 109	54%	SPK: 100
1718-51-0	Terphenyl-d14	57.5		10 - 105	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	19600	7.836			
1146-65-2	Naphthalene-d8	83900	10.62			
15067-26-2	Acenaphthene-d10	59300	14.463			
1517-22-2	Phenanthrene-d10	141000	17.201			
1719-03-5	Chrysene-d12	153000	21.431			
1520-96-3	Perylene-d12	170000	24.428			

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Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BG064437.D	1	09/22/25 09:30	09/23/25 13:18	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BG064438.D	1	09/22/25 09:30	09/23/25 13:59	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	24.9	U	24.9	190	ug/Kg
86-73-7	Fluorene	27.7	U	27.7	190	ug/Kg
85-01-8	Phenanthrene	530		22.9	190	ug/Kg
120-12-7	Anthracene	110	J	36.5	190	ug/Kg
129-00-0	Pyrene	550		39.5	190	ug/Kg
56-55-3	Benzo(a)anthracene	340		25.2	190	ug/Kg
218-01-9	Chrysene	320		21.8	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		20.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	320		32.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	31.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200		28.2	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	67.5		18 - 107	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.1		20 - 109	63%	SPK: 100
1718-51-0	Terphenyl-d14	66.7		10 - 105	67%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	22500	7.842			
1146-65-2	Naphthalene-d8	95200	10.621			
15067-26-2	Acenaphthene-d10	68500	14.463			
1517-22-2	Phenanthrene-d10	153000	17.201			
1719-03-5	Chrysene-d12	166000	21.432			
1520-96-3	Perylene-d12	182000	24.422			

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Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BG064438.D	1	09/22/25 09:30	09/23/25 13:59	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BG064439.D	1	09/22/25 09:30	09/23/25 14:40	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	90.5	J	24.7	180	ug/Kg
86-73-7	Fluorene	160	J	27.5	180	ug/Kg
85-01-8	Phenanthrene	2100		22.7	180	ug/Kg
120-12-7	Anthracene	370		36.2	180	ug/Kg
129-00-0	Pyrene	1900		39.1	180	ug/Kg
56-55-3	Benzo(a)anthracene	1200		25.0	180	ug/Kg
218-01-9	Chrysene	1100		21.6	180	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		20.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	1100		32.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	610		31.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	730		27.9	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	62.8		18 - 107	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	61.3		20 - 109	61%	SPK: 100
1718-51-0	Terphenyl-d14	63.7		10 - 105	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	22500	7.837			
1146-65-2	Naphthalene-d8	93800	10.628			
15067-26-2	Acenaphthene-d10	66500	14.464			
1517-22-2	Phenanthrene-d10	149000	17.202			
1719-03-5	Chrysene-d12	165000	21.433			
1520-96-3	Perylene-d12	183000	24.435			

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Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BG064439.D	1	09/22/25 09:30	09/23/25 14:40	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3155

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169774BL	PB169774BL	Nitrobenzene-d5	100	72.8	73		18	107
		2-Fluorobiphenyl	100	71.4	71		20	109
		Terphenyl-d14	100	67.4	67		10	105
PB169774BS	PB169774BS	Nitrobenzene-d5	100	69.3	69		18	107
		2-Fluorobiphenyl	100	67.8	68		20	109
		Terphenyl-d14	100	74.3	74		10	105
Q3153-05MS	OR-500-COMP-40MS	Nitrobenzene-d5	100	57.1	57		18	107
		2-Fluorobiphenyl	100	48.9	49		20	109
		Terphenyl-d14	100	56.1	56		10	105
Q3153-05MSD	OR-500-COMP-40MSD	Nitrobenzene-d5	100	59.7	60		18	107
		2-Fluorobiphenyl	100	49.7	50		20	109
		Terphenyl-d14	100	59.6	60		10	105
Q3155-01	COMP-1	Nitrobenzene-d5	100	57.1	57		18	107
		2-Fluorobiphenyl	100	53.6	54		20	109
		Terphenyl-d14	100	57.5	57		10	105
Q3155-02	COMP-2	Nitrobenzene-d5	100	67.5	67		18	107
		2-Fluorobiphenyl	100	63.1	63		20	109
		Terphenyl-d14	100	66.7	67		10	105
Q3155-03	COMP-3	Nitrobenzene-d5	100	62.8	63		18	107
		2-Fluorobiphenyl	100	61.3	61		20	109
		Terphenyl-d14	100	63.7	64		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3155 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BP025835.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3153-05MS		**Client Sample ID: OR-500-COMP-40MS**									
Naphthalene	1200	0	1000	ug/Kg	83				51	121	
Fluorene	1200	0	1000	ug/Kg	83				53	118	
Phenanthrene	1200	0	1000	ug/Kg	83				52	128	
Anthracene	1200	0	1000	ug/Kg	83				62	124	
Pyrene	1200	0	1100	ug/Kg	92				37	122	
Benzo(a)anthracene	1200	0	1000	ug/Kg	83				53	119	
Chrysene	1200	0	1000	ug/Kg	83				57	121	
Benzo(b)fluoranthene	1200	0	1000	ug/Kg	83				52	117	
Benzo(a)pyrene	1200	0	1000	ug/Kg	83				70	142	
Indeno(1,2,3-cd)pyrene	1200	0	1000	ug/Kg	83				40	129	
Benzo(g,h,i)perylene	1200	0	1000	ug/Kg	83				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3155 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BP025836.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3153-05MSD		**Client Sample ID: OR-500-COMP-40MSD**									
Naphthalene	1200	0	1000	ug/Kg	83		0		51	121	20
Fluorene	1200	0	1000	ug/Kg	83		0		53	118	20
Phenanthrene	1200	0	1000	ug/Kg	83		0		52	128	20
Anthracene	1200	0	1100	ug/Kg	92		10		62	124	20
Pyrene	1200	0	1200	ug/Kg	100		8		37	122	20
Benzo(a)anthracene	1200	0	1100	ug/Kg	92		10		53	119	20
Chrysene	1200	0	1100	ug/Kg	92		10		57	121	20
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92		10		52	117	20
Benzo(a)pyrene	1200	0	1100	ug/Kg	92		10		70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92		10		40	129	20
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92		10		24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3155 **Analytical Method:** 8270E

Client: Kleinfelder **DataFile:** BP025829.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169774BS	Naphthalene	1700	1300	ug/Kg	76				62	100	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1400	ug/Kg	82				63	101	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169774BL

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3155

Lab File ID: BP025828.D | Lab Sample ID: PB169774BL

Instrument ID: BNA_P | Date Extracted: 09/22/2025

Matrix: (soil/water) SOIL | Date Analyzed: 09/23/2025

Level: (low/med) LOW | Time Analyzed: 13:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169774BS	PB169774BS	BP025829.D	09/23/2025
OR-500-COMP-40MS	Q3153-05MS	BP025835.D	09/23/2025
OR-500-COMP-40MSD	Q3153-05MSD	BP025836.D	09/23/2025
COMP-1	Q3155-01	BG064437.D	09/23/2025
COMP-2	Q3155-02	BG064438.D	09/23/2025
COMP-3	Q3155-03	BG064439.D	09/23/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3155

Lab File ID: BG064217.D | DFTPP Injection Date: 08/28/2025

Instrument ID: BNA_G | DFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	34.7
70	Less than 2.0% of mass 69	0.1 (0.4) 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	7.1
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	90.8
443	15.0 - 24.0% of mass 442	17 (18.7) 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
SSTDICC2.5	SSTDICC2.5	BG064218.D	08/28/2025	10:51
SSTDICC005	SSTDICC005	BG064219.D	08/28/2025	11:32
SSTDICC010	SSTDICC010	BG064220.D	08/28/2025	12:12
SSTDICC020	SSTDICC020	BG064221.D	08/28/2025	12:53
SSTDICCC040	SSTDICCC040	BG064222.D	08/28/2025	13:33
SSTDICC050	SSTDICC050	BG064223.D	08/28/2025	14:55
SSTDICC060	SSTDICC060	BG064224.D	08/28/2025	15:35
SSTDICC080	SSTDICC080	BG064225.D	08/28/2025	16:16

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3155

Lab File ID: BG064434.D | DFTPP Injection Date: 09/23/2025

Instrument ID: BNA_G | DFTPP Injection Time: 10:47

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	29.5
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	6.4
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.6) 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
SSTDCCC040	SSTDCCC040	BG064435.D	09/23/2025	11:28
COMP-1	Q3155-01	BG064437.D	09/23/2025	13:18
COMP-2	Q3155-02	BG064438.D	09/23/2025	13:59
COMP-3	Q3155-03	BG064439.D	09/23/2025	14:40

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3155

Lab File ID: BP025724.D | DFTPP Injection Date: 09/11/2025

Instrument ID: BNA_P | DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	69.4
443	15.0 - 24.0% of mass 442	13.7 (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
SSTDICC2.5	SSTDICC2.5	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3155

Lab File ID: BP025823.D | DFTPP Injection Date: 09/23/2025

Instrument ID: BNA_P | DFTPP Injection Time: 09:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.9
442	Greater than 50% of mass 198	76
443	15.0 - 24.0% of mass 442	14.8 (19.4) 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	BP025824.D	09/23/2025	11:03
PB169774BL	PB169774BL	BP025828.D	09/23/2025	13:48
PB169774BS	PB169774BS	BP025829.D	09/23/2025	14:29
OR-500-COMP-40MS	Q3153-05MS	BP025835.D	09/23/2025	18:41
OR-500-COMP-40MSD	Q3153-05MSD	BP025836.D	09/23/2025	19:22

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3155

Client ID : SSTDCCC040 Date Analyzed: 09/23/2025

Lab File ID: BG064435.D Time Analyzed: 11:28

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	19841	7.843	85807	10.63	61310	14.47
	UPPER LIMIT	39682	8.343	171614	11.128	122620	14.965
	LOWER LIMIT	9920.5	7.343	42903.5	10.128	30655	13.965
	EPA SAMPLE NO.						
01	COMP-1	19558	7.84	83888	10.62	59255	14.46
02	COMP-2	22529	7.84	95164	10.62	68543	14.46
03	COMP-3	22469	7.84	93751	10.63	66454	14.46

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: Alliance

Lab Code: ACE SDG NO.: Q3155

Client ID: SSTDCCC040 Date Analyzed: 09/23/2025

Lab File ID: BG064435.D Time Analyzed: 11:28

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	146814	17.203	160877	21.433	172846	24.43
	UPPER LIMIT	293628	17.703	321754	21.933	345692	24.93
	LOWER LIMIT	73407	16.703	80438.5	20.933	86423	23.93
	EPA SAMPLE NO.						
01	COMP-1	141083	17.20	152528	21.43	170295	24.43
02	COMP-2	152982	17.20	165680	21.43	182154	24.42
03	COMP-3	149111	17.20	164886	21.43	182770	24.44

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: Alliance

Lab Code: ACE SDG NO.: Q3155

Client ID : SSTDCCC040 Date Analyzed: 09/23/2025

Lab File ID: BP025824.D Time Analyzed: 11:03

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	220036	7.755	921644	10.52	640458	14.38
	UPPER LIMIT	440072	8.255	1843290	11.019	1280920	14.878
	LOWER LIMIT	110018	7.255	460822	10.019	320229	13.878
	EPA SAMPLE NO.						
01	PB169774BL	226989	7.75	889928	10.52	600979	14.37
02	PB169774BS	241907	7.75	991516	10.52	681683	14.37
03	OR-500-COMP-40MS	185533	7.75	778843	10.51	542949	14.37
04	OR-500-COMP-40MSD	217289	7.75	953089	10.52	680180	14.38

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: Alliance

Lab Code: ACE SDG NO.: Q3155

Client ID: SSTDCCC040 Date Analyzed: 09/23/2025

Lab File ID: BP025824.D Time Analyzed: 11:03

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1402360	17.178	1584560	21.63	1726840	25.007
	UPPER LIMIT	2804720	17.678	3169120	22.13	3453680	25.507
	LOWER LIMIT	701180	16.678	792280	21.13	863420	24.507
	EPA SAMPLE NO.						
01	PB169774BL	1402810	17.18	1747160	21.64	1629650	25.00
02	PB169774BS	1453270	17.16	1418310	21.62	1138070	24.98
03	OR-500-COMP-40MS	1061860	17.18	915774	21.63	1000890	24.98
04	OR-500-COMP-40MSD	1328390	17.18	1034220	21.63	1170740	24.98

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:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169774BL	SDG No.:	Q3155
Lab Sample ID:	PB169774BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025828.D	1	09/22/25 09:30	09/23/25 13:48	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	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
129-00-0	Pyrene	36.0	U	36.0	170	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
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	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
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	72.8		18 - 107	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.4		20 - 109	71%	SPK: 100
1718-51-0	Terphenyl-d14	67.4		10 - 105	67%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	227000	7.749			
1146-65-2	Naphthalene-d8	890000	10.519			
15067-26-2	Acenaphthene-d10	601000	14.372			
1517-22-2	Phenanthrene-d10	1400000	17.178			
1719-03-5	Chrysene-d12	1750000	21.636			
1520-96-3	Perylene-d12	1630000	25.001			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Tanner G. Duckrey Public School			Date Received:	
Client Sample ID:	PB169774BL			SDG No.:	Q3155
Lab Sample ID:	PB169774BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
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
BP025828.D	1	09/22/25 09:30	09/23/25 13:48	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169774BS	SDG No.:	Q3155
Lab Sample ID:	PB169774BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025829.D	1	09/22/25 09:30	09/23/25 14:29	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1300		22.7	170	ug/Kg
86-73-7	Fluorene	1400		25.3	170	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1400		33.3	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1400		23.0	170	ug/Kg
218-01-9	Chrysene	1400		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	69.3		18 - 107	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.8		20 - 109	68%	SPK: 100
1718-51-0	Terphenyl-d14	74.3		10 - 105	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	242000	7.749			
1146-65-2	Naphthalene-d8	992000	10.519			
15067-26-2	Acenaphthene-d10	682000	14.366			
1517-22-2	Phenanthrene-d10	1450000	17.16			
1719-03-5	Chrysene-d12	1420000	21.624			
1520-96-3	Perylene-d12	1140000	24.983			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Tanner G. Duckrey Public School			Date Received:	
Client Sample ID:	PB169774BS			SDG No.:	Q3155
Lab Sample ID:	PB169774BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
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
BP025829.D	1	09/22/25 09:30	09/23/25 14:29	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-40MS	SDG No.:	Q3155
Lab Sample ID:	Q3153-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025835.D	1	09/22/25 09:30	09/23/25 18:41	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1000		15.7	120	ug/Kg
86-73-7	Fluorene	1000		17.5	120	ug/Kg
85-01-8	Phenanthrene	1000		14.4	120	ug/Kg
120-12-7	Anthracene	1000		23.0	120	ug/Kg
129-00-0	Pyrene	1100		24.9	120	ug/Kg
56-55-3	Benzo(a)anthracene	1000		15.9	120	ug/Kg
218-01-9	Chrysene	1000		13.8	120	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		13.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1000		20.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		20.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		17.8	120	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	57.1		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.9		20 - 109	49%	SPK: 100
1718-51-0	Terphenyl-d14	56.1		10 - 105	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	186000	7.748			
1146-65-2	Naphthalene-d8	779000	10.513			
15067-26-2	Acenaphthene-d10	543000	14.372			
1517-22-2	Phenanthrene-d10	1060000	17.177			
1719-03-5	Chrysene-d12	916000	21.63			
1520-96-3	Perylene-d12	1000000	24.983			

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-40MS	SDG No.:	Q3155
Lab Sample ID:	Q3153-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025835.D	1	09/22/25 09:30	09/23/25 18:41	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-40MSD	SDG No.:	Q3155
Lab Sample ID:	Q3153-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025836.D	1	09/22/25 09:30	09/23/25 19:22	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1000		15.7	120	ug/Kg
86-73-7	Fluorene	1000		17.5	120	ug/Kg
85-01-8	Phenanthrene	1000		14.4	120	ug/Kg
120-12-7	Anthracene	1100		23.0	120	ug/Kg
129-00-0	Pyrene	1200		24.9	120	ug/Kg
56-55-3	Benzo(a)anthracene	1100		15.9	120	ug/Kg
218-01-9	Chrysene	1100		13.7	120	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		13.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		20.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		20.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		17.7	120	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	59.7		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.7		20 - 109	50%	SPK: 100
1718-51-0	Terphenyl-d14	59.6		10 - 105	60%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	217000	7.749			
1146-65-2	Naphthalene-d8	953000	10.519			
15067-26-2	Acenaphthene-d10	680000	14.378			
1517-22-2	Phenanthrene-d10	1330000	17.178			
1719-03-5	Chrysene-d12	1030000	21.63			
1520-96-3	Perylene-d12	1170000	24.983			

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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-40MSD	SDG No.:	Q3155
Lab Sample ID:	Q3153-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025836.D	1	09/22/25 09:30	09/23/25 19:22	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064218.D 5 =BG064219.D 10 =BG064220.D 20 =BG064221.D 40 =BG064222.D 50 =BG064223.D 60 =BG064224.D 80 =BG0642
25.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.574	0.524	0.479	0.387	0.430	0.432	0.426	0.465	14.04
3)		Pyridine		1.449	1.375	1.377	1.338	1.315	1.371	1.349	1.368	3.09
4)		n-Nitrosodimet...			0.889	0.914	0.922	0.896	0.916	0.892	0.905	1.57
5)	S	2-Fluorophenol		1.126	1.094	1.155	1.104	1.075	1.117	1.133	1.115	2.36
6)		Aniline		2.030	2.048	2.158	2.125	2.151	2.203	2.110	2.118	2.90
7)	S	Phenol-d6		1.520	1.484	1.594	1.515	1.522	1.555	1.532	1.532	2.26
8)		2-Chlorophenol		1.318	1.287	1.381	1.418	1.360	1.407	1.364	1.362	3.44
9)		Benzaldehyde			1.181	1.115	1.375	1.193	1.439		1.260	11.00
10)	C	Phenol		1.590	1.627	1.750	1.669	1.739	1.745	1.699	1.688	3.71
11)		bis(2-Chloroet...		1.232	1.263	1.323	1.281	1.255	1.270	1.258	1.269	2.22
12)		1,3-Dichlorobe...		1.469	1.480	1.500	1.471	1.394	1.425	1.404	1.449	2.83
13)	C	1,4-Dichlorobe...		1.499	1.522	1.479	1.466	1.426	1.447	1.398	1.463	2.91
14)		1,2-Dichlorobe...		1.350	1.458	1.476	1.409	1.365	1.437	1.386	1.412	3.38
15)		Benzyl Alcohol			1.297	1.436	1.426	1.432	1.438	1.451	1.413	4.06
16)		2,2'-oxybis(1-...		2.923	2.920	2.979	2.897	2.826	2.931	2.803	2.897	2.14
17)		2-Methylphenol		1.188	1.243	1.349	1.261	1.218	1.305	1.246	1.258	4.28
18)		Hexachloroethane		0.555	0.578	0.574	0.583	0.572	0.568	0.567	0.571	1.57
19)	P	n-Nitroso-di-n...	1.008	1.162	1.160	1.239	1.203	1.211	1.230	1.164	1.172	6.24
20)		3+4-Methylphenols			1.734	1.765	1.702	1.750	1.787	1.753	1.749	1.65
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.533	0.485	0.522	0.502	0.496	0.513	0.492	0.506	3.42
23)	S	Nitrobenzene-d5		0.341	0.340	0.370	0.365	0.357	0.376	0.360	0.359	3.82
24)		Nitrobenzene		0.354	0.348	0.394	0.388	0.377	0.387	0.375	0.375	4.71
25)		Isophorone		0.749	0.723	0.787	0.748	0.733	0.754	0.724	0.745	2.97
26)	C	2-Nitrophenol		0.133	0.146	0.169	0.171	0.167	0.176	0.171	0.162	9.86
27)		2,4-Dimethylph...		0.275	0.271	0.300	0.297	0.276	0.291	0.279	0.284	4.03
28)		bis(2-Chloroet...		0.396	0.401	0.417	0.414	0.390	0.404	0.391	0.402	2.63
29)	C	2,4-Dichloroph...		0.289	0.278	0.319	0.310	0.299	0.311	0.294	0.300	4.70
30)		1,2,4-Trichlor...		0.332	0.305	0.327	0.319	0.308	0.317	0.305	0.316	3.42
31)		Naphthalene		1.104	1.012	1.077	1.036	1.004	1.041	0.986	1.037	4.01
32)		Benzoic acid			0.159	0.206	0.240	0.247	0.257	0.245	0.226	16.35
33)		4-Chloroaniline		0.369	0.379	0.414	0.421	0.411	0.419	0.402	0.402	5.08
34)	C	Hexachlorobuta...		0.242	0.236	0.236	0.237	0.224	0.236	0.225	0.234	2.93
35)		Caprolactam			0.108	0.129	0.123	0.112	0.114	0.110	0.116	7.13
36)	C	4-Chloro-3-met...		0.380	0.382	0.402	0.395	0.386	0.396	0.383	0.389	2.16
37)		2-Methylnaphth...		0.768	0.748	0.831	0.788	0.757	0.772	0.734	0.771	4.10
38)		1-Methylnaphth...		0.788	0.755	0.801	0.776	0.736	0.753	0.722	0.761	3.72

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.554	0.556	0.597	0.582	0.582	0.592	0.576	0.577	2.86
41)	P	Hexachlorocycl...		0.221	0.256	0.275	0.290	0.307	0.296	0.274	11.55
42)	S	2,4,6-Tribromo...	0.281	0.256	0.271	0.276	0.261	0.257	0.252	0.265	4.21
43)	C	2,4,6-Trichlor...	0.364	0.362	0.400	0.396	0.384	0.399	0.394	0.386	4.23
44)		2,4,5-Trichlor...	0.387	0.386	0.437	0.433	0.426	0.437	0.423	0.418	5.33
45)	S	2-Fluorobiphenyl	1.364	1.286	1.358	1.328	1.288	1.304	1.244	1.310	3.27
46)		1,1'-Biphenyl	1.459	1.412	1.488	1.494	1.449	1.471	1.424	1.457	2.13
47)		2-Chloronaphth...	1.090	1.059	1.113	1.113	1.096	1.117	1.078	1.095	1.94
48)		2-Nitroaniline	0.303	0.329	0.372	0.410	0.394	0.408	0.397	0.373	11.15
49)		Acenaphthylene	1.656	1.528	1.675	1.675	1.607	1.610	1.580	1.619	3.36
50)		Dimethylphthalate	1.672	1.476	1.569	1.555	1.462	1.446	1.417	1.514	5.90
51)		2,6-Dinitrotol...	0.238	0.269	0.301	0.322	0.300	0.315	0.305	0.293	10.00
52)	C	Acenaphthene	1.169	1.120	1.175	1.178	1.129	1.132	1.095	1.142	2.77
53)		3-Nitroaniline	0.275	0.279	0.316	0.331	0.314	0.322	0.312	0.307	6.93
54)	P	2,4-Dinitrophenol		0.096	0.137	0.178	0.184	0.190	0.190	0.163	23.29
55)		Dibenzofuran	1.913	1.756	1.840	1.833	1.762	1.754	1.722	1.797	3.73
56)	P	4-Nitrophenol		0.199	0.250	0.286	0.258	0.255	0.263	0.252	11.50
57)		2,4-Dinitrotol...	0.396	0.398	0.462	0.484	0.450	0.457	0.455	0.443	7.55
58)		Fluorene	1.567	1.478	1.549	1.529	1.416	1.398	1.373	1.473	5.30
59)		2,3,4,6-Tetrac...	0.392	0.378	0.419	0.419	0.413	0.404	0.393	0.402	3.91
60)		Diethylphthalate	1.830	1.577	1.665	1.688	1.536	1.530	1.516	1.620	7.06
61)		4-Chlorophenyl...	0.781	0.717	0.759	0.755	0.720	0.716	0.693	0.734	4.21
62)		4-Nitroaniline	0.267	0.275	0.311	0.351	0.332	0.331	0.325	0.313	9.93
63)		Azobenzene	1.490	1.422	1.511	1.503	1.407	1.393	1.381	1.444	3.83
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.085	0.107	0.118	0.121	0.129	0.128	0.115	14.38
66)	c	n-Nitrosodiphe...	0.553	0.518	0.571	0.562	0.542	0.564	0.542	0.550	3.23
67)		4-Bromophenyl-...	0.195	0.213	0.218	0.215	0.212	0.219	0.216	0.212	3.78
68)		Hexachlorobenzene	0.241	0.232	0.244	0.226	0.231	0.243	0.235	0.236	2.82
69)		Atrazine	0.240	0.230	0.231	0.240	0.224	0.224	0.220	0.230	3.42
70)	C	Pentachlorophenol		0.110	0.135	0.153	0.148	0.156	0.157	0.143	12.65
71)		Phenanthrene	1.103	1.032	1.090	1.084	1.020	1.041	1.015	1.055	3.45
72)		Anthracene	1.124	1.053	1.092	1.111	1.033	1.070	1.028	1.073	3.48
73)		Carbazole	0.986	0.908	0.960	1.002	0.917	0.935	0.909	0.945	4.01
74)		Di-n-butylphth...	1.196	1.089	1.146	1.211	1.096	1.119	1.093	1.136	4.47
75)	C	Fluoranthene	1.340	1.211	1.269	1.304	1.178	1.208	1.172	1.240	5.25
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.454	0.525	0.445	0.385	0.357	0.358	0.421	15.74
78)		Pyrene	1.292	1.236	1.286	1.303	1.216	1.269	1.218	1.260	2.88
79)	S	Terphenyl-d14	1.009	0.974	1.002	0.981	0.918	0.938	0.888	0.959	4.70
80)		Butylbenzylpht...	0.449	0.440	0.492	0.494	0.474	0.496	0.481	0.475	4.72
81)		Benzo(a)anthra...	1.323	1.238	1.312	1.296	1.248	1.295	1.244	1.280	2.75
82)		3,3'-Dichlorob...		0.401	0.440	0.429	0.410	0.416	0.404	0.417	3.65
83)		Chrysene	1.277	1.197	1.254	1.248	1.204	1.228	1.190	1.228	2.67
84)		Bis(2-ethylhex...	0.713	0.681	0.719	0.732	0.713	0.734	0.703	0.714	2.52
85)	c	Di-n-octyl pht...		1.160	1.266	1.263	1.228	1.303	1.239	1.243	3.90

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.314	1.302	1.384	1.399	1.348	1.428	1.386	1.366	3.37
88)		Benzo(b)fluora...	1.079	1.081	1.145	1.176	1.104	1.164	1.153	1.129	3.56
89)		Benzo(k)fluora...	1.161	1.127	1.178	1.141	1.131	1.175	1.136	1.150	1.86
90)	C	Benzo(a)pyrene	1.019	0.978	1.076	1.084	1.047	1.091	1.055	1.050	3.83
91)		Dibenzo(a,h)an...	1.044	1.032	1.114	1.135	1.087	1.144	1.121	1.097	4.01
92)		Benzo(g,h,i)pe...	1.067	1.029	1.070	1.083	1.042	1.103	1.076	1.067	2.32

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP0257
32.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.565	0.497	0.558	0.546	0.514	0.493	0.469	0.520	7.02
3)		Pyridine		1.376	1.317	1.526	1.566	1.464	1.400	1.380	1.432	6.23
4)		n-Nitrosodimet...			0.639	0.715	0.721	0.680	0.652	0.648	0.676	5.26
5)	S	2-Fluorophenol		1.139	1.123	1.320	1.362	1.282	1.238	1.213	1.240	7.19
6)		Aniline		1.980	1.981	2.462	2.509	2.372	2.265	2.263	2.262	9.42
7)	S	Phenol-d6		1.391	1.460	1.793	1.861	1.726	1.658	1.643	1.648	10.33
8)		2-Chlorophenol		1.229	1.196	1.448	1.508	1.410	1.366	1.361	1.360	8.28
9)		Benzaldehyde			1.037	0.748	0.875	1.207	1.077	0.981	0.987	16.23
10)	C	Phenol		1.512	1.525	1.848	1.964	1.819	1.751	1.741	1.737	9.59
11)		bis(2-Chloroet...		1.313	1.222	1.508	1.555	1.438	1.368	1.365	1.396	8.20
12)		1,3-Dichlorobe...		1.550	1.447	1.662	1.674	1.548	1.489	1.464	1.548	5.87
13)	C	1,4-Dichlorobe...		1.550	1.475	1.698	1.690	1.590	1.539	1.492	1.576	5.63
14)		1,2-Dichlorobe...		1.529	1.432	1.634	1.653	1.542	1.485	1.445	1.531	5.64
15)		Benzyl Alcohol			1.092	1.425	1.510	1.411	1.350	1.380	1.361	10.49
16)		2,2'-oxybis(1-...		2.241	2.133	2.476	2.493	2.291	2.164	2.179	2.282	6.47
17)		2-Methylphenol		0.973	1.030	1.268	1.319	1.231	1.185	1.192	1.171	10.72
18)		Hexachloroethane		0.603	0.557	0.633	0.647	0.609	0.588	0.579	0.602	5.18
19)	P	n-Nitroso-di-n...	0.961	1.032	1.047	1.300	1.320	1.230	1.151	1.151	1.149	11.29
20)		3+4-Methylphenols			1.352	1.721	1.819	1.693	1.625	1.633	1.640	9.62
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.474	0.488	0.583	0.588	0.550	0.538	0.520	0.534	8.19
23)	S	Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.467	0.455	0.440	0.453	7.43
24)		Nitrobenzene		0.366	0.363	0.440	0.449	0.418	0.411	0.400	0.407	8.15
25)		Isophorone		0.737	0.726	0.862	0.860	0.815	0.791	0.787	0.797	6.76
26)	C	2-Nitrophenol		0.141	0.154	0.190	0.203	0.193	0.192	0.192	0.181	12.86
27)		2,4-Dimethylph...		0.263	0.286	0.345	0.356	0.327	0.320	0.320	0.317	10.24
28)		bis(2-Chloroet...		0.414	0.423	0.510	0.498	0.474	0.452	0.453	0.461	7.83
29)	C	2,4-Dichloroph...		0.267	0.270	0.339	0.349	0.337	0.327	0.323	0.316	10.66
30)		1,2,4-Trichlor...		0.355	0.335	0.377	0.378	0.357	0.346	0.343	0.356	4.60
31)		Naphthalene		1.072	1.028	1.164	1.147	1.084	1.044	1.010	1.078	5.41
32)		Benzoic acid			0.170	0.214	0.261	0.253	0.257	0.259	0.236	15.62
33)		4-Chloroaniline		0.343	0.391	0.489	0.510	0.477	0.465	0.471	0.449	13.27
34)	C	Hexachlorobuta...		0.226	0.219	0.247	0.242	0.227	0.226	0.217	0.229	4.97
35)		Caprolactam			0.105	0.127	0.132	0.123	0.120	0.123	0.122	7.52
36)	C	4-Chloro-3-met...		0.328	0.338	0.406	0.414	0.394	0.377	0.380	0.377	8.72
37)		2-Methylnaphth...		0.662	0.639	0.758	0.747	0.698	0.677	0.666	0.693	6.47
38)		1-Methylnaphth...		0.726	0.691	0.807	0.800	0.731	0.713	0.703	0.739	6.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.590	0.561	0.653	0.660	0.607	0.604	0.568	0.606	6.33
41)	P	Hexachlorocycl...		0.225	0.326	0.380	0.351	0.347	0.351	0.330	16.40
42)	S	2,4,6-Tribromo...	0.227	0.227	0.270	0.277	0.250	0.249	0.246	0.249	7.67
43)	C	2,4,6-Trichlor...	0.340	0.354	0.435	0.445	0.409	0.409	0.397	0.398	9.86
44)		2,4,5-Trichlor...	0.375	0.389	0.482	0.501	0.459	0.457	0.441	0.443	10.43
45)	S	2-Fluorobiphenyl	1.563	1.470	1.655	1.596	1.479	1.434	1.318	1.502	7.50
46)		1,1'-Biphenyl	1.458	1.375	1.599	1.587	1.465	1.425	1.366	1.468	6.37
47)		2-Chloronaphth...	1.140	1.090	1.252	1.240	1.164	1.132	1.073	1.156	5.96
48)		2-Nitroaniline	0.309	0.332	0.416	0.439	0.399	0.402	0.401	0.385	12.14
49)		Acenaphthylene	1.877	1.791	2.095	2.058	1.904	1.871	1.810	1.915	6.12
50)		Dimethylphthalate	1.545	1.433	1.682	1.659	1.493	1.446	1.430	1.527	6.95
51)		2,6-Dinitrotol...	0.286	0.291	0.353	0.358	0.329	0.330	0.318	0.324	8.57
52)	C	Acenaphthene	1.129	1.052	1.207	1.195	1.084	1.055	1.010	1.104	6.80
53)		3-Nitroaniline	0.266	0.282	0.370	0.394	0.358	0.357	0.355	0.340	13.91
54)	P	2,4-Dinitrophenol		0.108	0.173	0.209	0.201	0.201	0.209	0.183	21.35
55)		Dibenzofuran	1.834	1.754	1.967	1.922	1.766	1.719	1.640	1.800	6.39
56)	P	4-Nitrophenol		0.148	0.255	0.307	0.273	0.280	0.288	0.258	22.01
57)		2,4-Dinitrotol...	0.382	0.398	0.501	0.521	0.484	0.471	0.467	0.460	11.27
58)		Fluorene	1.485	1.382	1.579	1.546	1.385	1.350	1.292	1.431	7.46
59)		2,3,4,6-Tetrac...	0.362	0.361	0.434	0.446	0.404	0.393	0.395	0.399	8.21
60)		Diethylphthalate	1.573	1.472	1.697	1.644	1.518	1.473	1.465	1.549	5.98
61)		4-Chlorophenyl...	0.755	0.699	0.791	0.769	0.704	0.681	0.651	0.721	7.07
62)		4-Nitroaniline	0.258	0.281	0.381	0.404	0.373	0.376	0.365	0.349	15.91
63)		Azobenzene	1.421	1.383	1.648	1.643	1.510	1.468	1.410	1.498	7.29
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.093	0.135	0.151	0.143	0.137	0.139	0.133	15.14
66)	c	n-Nitrosodiphe...	0.597	0.573	0.681	0.664	0.628	0.594	0.547	0.612	7.88
67)		4-Bromophenyl-...	0.213	0.202	0.240	0.238	0.226	0.213	0.205	0.220	6.85
68)		Hexachlorobenzene	0.243	0.230	0.266	0.261	0.248	0.236	0.231	0.245	5.77
69)		Atrazine	0.215	0.210	0.260	0.260	0.240	0.227	0.227	0.234	8.54
70)	C	Pentachlorophenol		0.132	0.168	0.179	0.167	0.161	0.163	0.162	9.85
71)		Phenanthrene	1.163	1.095	1.247	1.213	1.131	1.065	1.027	1.135	6.96
72)		Anthracene	1.120	1.086	1.280	1.237	1.183	1.107	1.044	1.151	7.39
73)		Carbazole	0.994	0.998	1.185	1.173	1.105	1.038	0.999	1.070	7.82
74)		Di-n-butylphth...	1.232	1.213	1.468	1.438	1.339	1.281	1.220	1.313	8.00
75)	C	Fluoranthene	1.387	1.294	1.511	1.447	1.351	1.293	1.242	1.361	6.96
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.523	0.537	0.653	0.631	0.578	0.536	0.576	9.47
78)		Pyrene	1.307	1.243	1.444	1.430	1.337	1.308	1.274	1.335	5.71
79)	S	Terphenyl-d14	1.133	1.093	1.198	1.177	1.111	1.054	1.017	1.112	5.78
80)		Butylbenzylpht...	0.519	0.511	0.636	0.647	0.608	0.587	0.588	0.585	9.02
81)		Benzo(a)anthra...	1.346	1.302	1.471	1.453	1.378	1.330	1.305	1.369	5.02
82)		3,3'-Dichlorob...		0.425	0.499	0.518	0.488	0.468	0.442	0.473	7.45
83)		Chrysene	1.316	1.253	1.397	1.375	1.317	1.268	1.210	1.305	5.11
84)		Bis(2-ethylhex...	0.800	0.781	0.930	0.945	0.861	0.857	0.818	0.856	7.31
85)	c	Di-n-octyl pht...		1.315	1.604	1.670	1.531	1.513	1.504	1.523	7.87

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Method File : 8270E-BP091225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.340	1.334	1.533	1.596	1.506	1.485	1.386	1.454	6.99
88)		Benzo(b)fluora...	1.124	1.145	1.304	1.336	1.252	1.216	1.186	1.223	6.45
89)		Benzo(k)fluora...	1.228	1.170	1.367	1.341	1.258	1.220	1.151	1.248	6.51
90)	C	Benzo(a)pyrene	1.131	1.100	1.276	1.307	1.221	1.208	1.141	1.198	6.45
91)		Dibenzo(a,h)an...	1.116	1.075	1.254	1.297	1.239	1.208	1.143	1.190	6.79
92)		Benzo(g,h,i)pe...	1.090	1.078	1.225	1.267	1.210	1.197	1.125	1.170	6.20

(#) = 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.: Q3155

Instrument ID: BNA_G Calibration Date/Time: 09/23/2025 11:28

Lab File ID: BG064435.D Init. Calib. Date(s): 08/28/2025 08/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:51 16:16

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.115	1.208		8.3	
Phenol-d6	1.532	1.674		9.3	
Nitrobenzene-d5	0.359	0.435		21.2	
Naphthalene	1.037	1.186		14.4	
2-Fluorobiphenyl	1.310	1.533		17.0	
Fluorene	1.473	1.709		16.0	
2,4,6-Tribromophenol	0.265	0.388		46.4	
Phenanthrene	1.055	1.188		12.6	
Anthracene	1.073	1.209		12.7	
Pyrene	1.260	1.378		9.4	
Terphenyl-d14	0.959	1.118		16.6	
Benzo(a)anthracene	1.280	1.410		10.2	
Chrysene	1.228	1.336		8.8	
Benzo(b)fluoranthene	1.129	1.311		16.1	
Benzo(a)pyrene	1.050	1.205		14.8	20.0
Indeno(1,2,3-cd)pyrene	1.366	1.588		16.3	
Benzo(g,h,i)perylene	1.067	1.217		14.1	

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q3155

Instrument ID: BNA_P Calibration Date/Time: 09/23/2025 11:03

Lab File ID: BP025824.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.206		-2.7	
Phenol-d6	1.648	1.633		-0.9	
Nitrobenzene-d5	0.453	0.430		-5.1	
Naphthalene	1.078	1.001		-7.1	
2-Fluorobiphenyl	1.502	1.396		-7.1	
Fluorene	1.431	1.345		-6.0	
2,4,6-Tribromophenol	0.249	0.260		4.4	
Phenanthrene	1.135	1.040		-8.4	
Anthracene	1.151	1.047		-9.0	
Pyrene	1.335	1.221		-8.5	
Terphenyl-d14	1.112	0.988		-11.2	
Benzo(a)anthracene	1.369	1.272		-7.1	
Chrysene	1.305	1.192		-8.7	
Benzo(b)fluoranthene	1.223	1.198		-2.0	
Benzo(a)pyrene	1.198	1.117		-6.8	20.0
Indeno(1,2,3-cd)pyrene	1.454	1.226		-15.7	
Benzo(g,h,i)perylene	1.171	0.928		-20.8	

All other compounds must meet a minimum RRF of 0.010.