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LAB CHRONICLE

OrderID:	Q2425	**OrderDate:**	6/25/2025 2:03:00 PM
Client:	Kleinfelder	**Project:**	AS Jenks School
Contact:	Mark Warchol	**Location:**	D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2425-01	**COMP-1**	**SOIL**			**06/24/25**			**06/25/25**
			SVOCMS Group1	8270E		06/26/25	06/26/25	
Q2425-02	**COMP-2**	**SOIL**			**06/24/25**			**06/25/25**
			SVOCMS Group1	8270E		06/26/25	06/27/25	
Q2425-03	**COMP-3**	**SOIL**			**06/24/25**			**06/25/25**
			SVOCMS Group1	8270E		06/26/25	06/27/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2425

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			**0.00**		
			Total Concentration:			**0.00**		

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder			Date Collected:	06/24/25
Project:	AS Jenks School			Date Received:	06/25/25
Client Sample ID:	COMP-1			SDG No.:	Q2425
Lab Sample ID:	Q2425-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	76.9
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
BF142874.D	1	06/26/25 09:20	06/26/25 18:05	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	29.5	U	29.5	220	ug/Kg
86-73-7	Fluorene	32.8	U	32.8	220	ug/Kg
85-01-8	Phenanthrene	27.1	U	27.1	220	ug/Kg
120-12-7	Anthracene	43.2	U	43.2	220	ug/Kg
129-00-0	Pyrene	46.7	U	46.7	220	ug/Kg
56-55-3	Benzo(a)anthracene	29.9	U	29.9	220	ug/Kg
218-01-9	Chrysene	25.8	U	25.8	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	24.7	U	24.7	220	ug/Kg
50-32-8	Benzo(a)pyrene	38.3	U	38.3	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37.8	U	37.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33.4	U	33.4	220	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	50.4		18 - 107	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.1		20 - 109	51%	SPK: 100
1718-51-0	Terphenyl-d14	50.4		10 - 105	50%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	80000	6.875			
1146-65-2	Naphthalene-d8	306000	8.157			
15067-26-2	Acenaphthene-d10	164000	9.916			
1517-22-2	Phenanthrene-d10	267000	11.404			
1719-03-5	Chrysene-d12	136000	14.051			
1520-96-3	Perylene-d12	164000	15.539			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	06/24/25
Project:	AS Jenks School			Date Received:	06/25/25
Client Sample ID:	COMP-1			SDG No.:	Q2425
Lab Sample ID:	Q2425-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	76.9
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
BF142874.D	1	06/26/25 09:20	06/26/25 18:05	PB168625

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:	06/24/25
Project:	AS Jenks School			Date Received:	06/25/25
Client Sample ID:	COMP-2			SDG No.:	Q2425
Lab Sample ID:	Q2425-02			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	79.7
Sample Wt/Vol:	30.07	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
BF142887.D	1	06/26/25 09:20	06/27/25 12:21	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	28.4	U	28.4	210	ug/Kg
86-73-7	Fluorene	31.7	U	31.7	210	ug/Kg
85-01-8	Phenanthrene	26.2	U	26.2	210	ug/Kg
120-12-7	Anthracene	41.7	U	41.7	210	ug/Kg
129-00-0	Pyrene	45.1	U	45.1	210	ug/Kg
56-55-3	Benzo(a)anthracene	28.8	U	28.8	210	ug/Kg
218-01-9	Chrysene	24.9	U	24.9	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.8	U	23.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	36.9	U	36.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36.4	U	36.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32.2	U	32.2	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	83.7		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.9		20 - 109	80%	SPK: 100
1718-51-0	Terphenyl-d14	63.3		10 - 105	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69200	6.875			
1146-65-2	Naphthalene-d8	263000	8.157			
15067-26-2	Acenaphthene-d10	136000	9.916			
1517-22-2	Phenanthrene-d10	203000	11.404			
1719-03-5	Chrysene-d12	150000	14.051			
1520-96-3	Perylene-d12	149000	15.545			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	06/24/25
Project:	AS Jenks School			Date Received:	06/25/25
Client Sample ID:	COMP-2			SDG No.:	Q2425
Lab Sample ID:	Q2425-02			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	79.7
Sample Wt/Vol:	30.07	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
BF142887.D	1	06/26/25 09:20	06/27/25 12:21	PB168625

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

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Report of Analysis

Client:	Kleinfelder			Date Collected:	06/24/25
Project:	AS Jenks School			Date Received:	06/25/25
Client Sample ID:	COMP-3			SDG No.:	Q2425
Lab Sample ID:	Q2425-03			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	82.6
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
BF142888.D	1	06/26/25 09:20	06/27/25 12:50	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.5	U	27.5	210	ug/Kg
86-73-7	Fluorene	30.6	U	30.6	210	ug/Kg
85-01-8	Phenanthrene	25.3	U	25.3	210	ug/Kg
120-12-7	Anthracene	40.3	U	40.3	210	ug/Kg
129-00-0	Pyrene	43.6	U	43.6	210	ug/Kg
56-55-3	Benzo(a)anthracene	27.8	U	27.8	210	ug/Kg
218-01-9	Chrysene	24.1	U	24.1	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.0	U	23.0	210	ug/Kg
50-32-8	Benzo(a)pyrene	35.7	U	35.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.2	U	35.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.1	U	31.1	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	49.2		18 - 107	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.4		20 - 109	52%	SPK: 100
1718-51-0	Terphenyl-d14	40.1		10 - 105	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69900	6.875			
1146-65-2	Naphthalene-d8	264000	8.157			
15067-26-2	Acenaphthene-d10	130000	9.916			
1517-22-2	Phenanthrene-d10	197000	11.404			
1719-03-5	Chrysene-d12	148000	14.051			
1520-96-3	Perylene-d12	148000	15.545			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	06/24/25
Project:	AS Jenks School			Date Received:	06/25/25
Client Sample ID:	COMP-3			SDG No.:	Q2425
Lab Sample ID:	Q2425-03			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	82.6
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
BF142888.D	1	06/26/25 09:20	06/27/25 12:50	PB168625

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.: Q2425

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168625BL	PB168625BL	Nitrobenzene-d5	100	81.6	82		18	107
		2-Fluorobiphenyl	100	77.4	77		20	109
		Terphenyl-d14	100	78.5	78		10	105
PB168625BS	PB168625BS	Nitrobenzene-d5	100	77.0	77		18	107
		2-Fluorobiphenyl	100	74.7	75		20	109
		Terphenyl-d14	100	78.2	78		10	105
Q2416-01MS	MH-G/HMS	Nitrobenzene-d5	100	45.0	45		18	107
		2-Fluorobiphenyl	100	46.3	46		20	109
		Terphenyl-d14	100	45.4	45		10	105
Q2416-01MSD	MH-G/HMSD	Nitrobenzene-d5	100	46.2	46		18	107
		2-Fluorobiphenyl	100	46.1	46		20	109
		Terphenyl-d14	100	45.3	45		10	105
Q2425-01	COMP-1	Nitrobenzene-d5	100	50.4	50		18	107
		2-Fluorobiphenyl	100	51.1	51		20	109
		Terphenyl-d14	100	50.4	50		10	105
Q2425-02	COMP-2	Nitrobenzene-d5	100	83.7	84		18	107
		2-Fluorobiphenyl	100	79.9	80		20	109
		Terphenyl-d14	100	63.3	63		10	105
Q2425-03	COMP-3	Nitrobenzene-d5	100	49.2	49		18	107
		2-Fluorobiphenyl	100	52.4	52		20	109
		Terphenyl-d14	100	40.1	40		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2425

Client: Kleinfelder

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2416-01MS		**Client Sample ID: MH-G/HMS**						**DataFile: BF142872.D**			
Naphthalene	1100	0	940	ug/Kg	85				51	121	
Fluorene	1100	0	950	ug/Kg	86				53	118	
Phenanthrene	1100	0	950	ug/Kg	86				52	128	
Anthracene	1100	0	950	ug/Kg	86				62	124	
Pyrene	1100	0	900	ug/Kg	82				37	122	
Benzo(a)anthracene	1100	0	960	ug/Kg	87				53	119	
Chrysene	1100	0	940	ug/Kg	85				57	121	
Benzo(b)fluoranthene	1100	0	1000	ug/Kg	91				52	117	
Benzo(a)pyrene	1100	0	980	ug/Kg	89				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	660	ug/Kg	60				40	129	
Benzo(g,h,i)perylene	1100	0	590	ug/Kg	54				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2425

Client: Kleinfelder

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2416-01MSD		**Client Sample ID:** MH-G/HMSD						**DataFile:** BF142873.D			
Naphthalene	1100	0	960	ug/Kg	87		2		51	121	20
Fluorene	1100	0	960	ug/Kg	87		1		53	118	20
Phenanthrene	1100	0	970	ug/Kg	88		2		52	128	20
Anthracene	1100	0	970	ug/Kg	88		2		62	124	20
Pyrene	1100	0	890	ug/Kg	81		1		37	122	20
Benzo(a)anthracene	1100	0	970	ug/Kg	88		1		53	119	20
Chrysene	1100	0	970	ug/Kg	88		3		57	121	20
Benzo(b)fluoranthene	1100	0	1100	ug/Kg	100		9		52	117	20
Benzo(a)pyrene	1100	0	1000	ug/Kg	91		2		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	730	ug/Kg	66		10		40	129	20
Benzo(g,h,i)perylene	1100	0	660	ug/Kg	60		11		24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2425

Client: Kleinfelder

Analytical Method: 8270E **DataFile:** BF142885.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168625BS	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	1400	ug/Kg	82				61	105	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				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

EPA SAMPLE NO.

PB168625BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425

Lab File ID: BF142884.D Lab Sample ID: PB168625BL

Instrument ID: BNA_F Date Extracted: 06/26/2025

Matrix: (soil/water) SOIL Date Analyzed: 06/27/2025

Level: (low/med) LOW Time Analyzed: 10:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168625BS	PB168625BS	BF142885.D	06/27/2025
COMP-2	Q2425-02	BF142887.D	06/27/2025
COMP-3	Q2425-03	BF142888.D	06/27/2025
MH-G/HMS	Q2416-01MS	BF142872.D	06/26/2025
MH-G/HMSD	Q2416-01MSD	BF142873.D	06/26/2025
COMP-1	Q2425-01	BF142874.D	06/26/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q2425 SDG NO.: Q2425

Lab File ID: BF142787.D DFTPP Injection Date: 06/19/2025

Instrument ID: BNA_F DFTPP Injection Time: 16:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	30.9
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	5.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15
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	BF142788.D	06/19/2025	17:07
SSTDICC005	SSTDICC005	BF142789.D	06/19/2025	17:38
SSTDICC010	SSTDICC010	BF142790.D	06/19/2025	18:08
SSTDICC020	SSTDICC020	BF142791.D	06/19/2025	18:39
SSTDICCC040	SSTDICCC040	BF142792.D	06/19/2025	19:09
SSTDICC050	SSTDICC050	BF142793.D	06/19/2025	19:40
SSTDICC060	SSTDICC060	BF142794.D	06/19/2025	20:10
SSTDICC080	SSTDICC080	BF142795.D	06/19/2025	20:40

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q2425 SDG NO.: Q2425

Lab File ID: BF142856.D DFTPP Injection Date: 06/26/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	33.7
70	Less than 2.0% of mass 69	0.2 (0.6) 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	6.9
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (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	BF142857.D	06/26/2025	09:39
MH-G/HMS	Q2416-01MS	BF142872.D	06/26/2025	17:06
MH-G/HMSD	Q2416-01MSD	BF142873.D	06/26/2025	17:36
COMP-1	Q2425-01	BF142874.D	06/26/2025	18:05

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q2425 SDG NO.: Q2425

Lab File ID: BF142881.D DFTPP Injection Date: 06/27/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	32.3
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	6.4
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142882.D	06/27/2025	09:51
PB168625BL	PB168625BL	BF142884.D	06/27/2025	10:49
PB168625BS	PB168625BS	BF142885.D	06/27/2025	11:19
COMP-2	Q2425-02	BF142887.D	06/27/2025	12:21
COMP-3	Q2425-03	BF142888.D	06/27/2025	12:50

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/26/2025

Lab File ID: BF142857.D Time Analyzed: 09:39

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	77664	6.875	293795	8.16	161192	9.92
	UPPER LIMIT	155328	7.375	587590	8.663	322384	10.422
	LOWER LIMIT	38832	6.375	146898	7.663	80596	9.422
	EPA SAMPLE NO.						
01	MH-G/HMS	84939	6.88	322606	8.16	168684	9.92
02	MH-G/HMSD	79872	6.88	303973	8.16	162686	9.92
03	COMP-1	80015	6.88	306273	8.16	163617	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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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/26/2025

Lab File ID: BF142857.D Time Analyzed: 09:39

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	275904	11.41	159836	14.057	144296	15.545
	UPPER LIMIT	551808	11.91	319672	14.557	288592	16.045
	LOWER LIMIT	137952	10.91	79918	13.557	72148	15.045
	EPA SAMPLE NO.						
01	MH-G/HMS	277774	11.41	149832	14.06	169288	15.55
02	MH-G/HMSD	266635	11.41	149914	14.06	166770	15.55
03	COMP-1	266840	11.40	136110	14.05	163547	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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/27/2025

Lab File ID: BF142882.D Time Analyzed: 09:51

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	70500	6.875	264550	8.16	140000	9.92
	UPPER LIMIT	141000	7.375	529100	8.663	280000	10.422
	LOWER LIMIT	35250	6.375	132275	7.663	70000	9.422
	EPA SAMPLE NO.						
01	PB168625BL	77055	6.88	295430	8.16	162519	9.92
02	PB168625BS	79288	6.88	306414	8.16	167156	9.92
03	COMP-2	69223	6.88	263260	8.16	135660	9.92
04	COMP-3	69872	6.88	263807	8.16	130470	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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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/27/2025

Lab File ID: BF142882.D Time Analyzed: 09:51

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	234291	11.41	139168	14.057	151209	15.545
	UPPER LIMIT	468582	11.91	278336	14.557	302418	16.045
	LOWER LIMIT	117146	10.91	69584	13.557	75604.5	15.045
	EPA SAMPLE NO.						
01	PB168625BL	284575	11.40	168482	14.05	158706	15.55
02	PB168625BS	286462	11.41	164874	14.06	166752	15.55
03	COMP-2	203415	11.40	149806	14.05	148502	15.55
04	COMP-3	197251	11.40	147517	14.05	148110	15.55

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:	AS Jenks School			Date Received:	
Client Sample ID:	PB168625BL			SDG No.:	Q2425
Lab Sample ID:	PB168625BL			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
BF142884.D	1	06/26/25 09:20	06/27/25 10:49	PB168625

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	81.6		18 - 107	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.4		20 - 109	77%	SPK: 100
1718-51-0	Terphenyl-d14	78.5		10 - 105	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	77100	6.875			
1146-65-2	Naphthalene-d8	295000	8.157			
15067-26-2	Acenaphthene-d10	163000	9.916			
1517-22-2	Phenanthrene-d10	285000	11.404			
1719-03-5	Chrysene-d12	168000	14.051			
1520-96-3	Perylene-d12	159000	15.545			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	AS Jenks School			Date Received:	
Client Sample ID:	PB168625BL			SDG No.:	Q2425
Lab Sample ID:	PB168625BL			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
BF142884.D	1	06/26/25 09:20	06/27/25 10:49	PB168625

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:	AS Jenks School			Date Received:	
Client Sample ID:	PB168625BS			SDG No.:	Q2425
Lab Sample ID:	PB168625BS			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
BF142885.D	1	06/26/25 09:20	06/27/25 11:19	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1400		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	1400		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		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	77.0		18 - 107	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.7		20 - 109	75%	SPK: 100
1718-51-0	Terphenyl-d14	78.2		10 - 105	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	79300	6.875			
1146-65-2	Naphthalene-d8	306000	8.163			
15067-26-2	Acenaphthene-d10	167000	9.922			
1517-22-2	Phenanthrene-d10	286000	11.41			
1719-03-5	Chrysene-d12	165000	14.057			
1520-96-3	Perylene-d12	167000	15.545			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	AS Jenks School			Date Received:	
Client Sample ID:	PB168625BS			SDG No.:	Q2425
Lab Sample ID:	PB168625BS			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
BF142885.D	1	06/26/25 09:20	06/27/25 11:19	PB168625

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:	06/25/25
Project:	AS Jenks School			Date Received:	06/25/25
Client Sample ID:	MH-G/HMS			SDG No.:	Q2425
Lab Sample ID:	Q2416-01MS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	89.7
Sample Wt/Vol:	50.09	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
BF142872.D	1	06/26/25 09:20	06/26/25 17:06	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	940		15.2	110	ug/Kg
86-73-7	Fluorene	950		16.9	110	ug/Kg
85-01-8	Phenanthrene	950		14.0	110	ug/Kg
120-12-7	Anthracene	950		22.2	110	ug/Kg
129-00-0	Pyrene	900		24.0	110	ug/Kg
56-55-3	Benzo(a)anthracene	960		15.4	110	ug/Kg
218-01-9	Chrysene	940		13.3	110	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		12.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	980		19.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	660		19.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	590		17.2	110	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	45.0		18 - 107	45%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.3		20 - 109	46%	SPK: 100
1718-51-0	Terphenyl-d14	45.4		10 - 105	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	84900	6.875			
1146-65-2	Naphthalene-d8	323000	8.163			
15067-26-2	Acenaphthene-d10	169000	9.922			
1517-22-2	Phenanthrene-d10	278000	11.41			
1719-03-5	Chrysene-d12	150000	14.057			
1520-96-3	Perylene-d12	169000	15.545			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	06/25/25
Project:	AS Jenks School			Date Received:	06/25/25
Client Sample ID:	MH-G/HMS			SDG No.:	Q2425
Lab Sample ID:	Q2416-01MS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	89.7
Sample Wt/Vol:	50.09	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
BF142872.D	1	06/26/25 09:20	06/26/25 17:06	PB168625

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:	06/25/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	MH-G/HMSD	SDG No.:	Q2425
Lab Sample ID:	Q2416-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.7
Sample Wt/Vol:	50.04 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
BF142873.D	1	06/26/25 09:20	06/26/25 17:36	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	960		15.2	110	ug/Kg
86-73-7	Fluorene	960		16.9	110	ug/Kg
85-01-8	Phenanthrene	970		14.0	110	ug/Kg
120-12-7	Anthracene	970		22.3	110	ug/Kg
129-00-0	Pyrene	890		24.1	110	ug/Kg
56-55-3	Benzo(a)anthracene	970		15.4	110	ug/Kg
218-01-9	Chrysene	970		13.3	110	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		12.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	1000		19.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	730		19.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	660		17.2	110	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	46.2		18 - 107	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.1		20 - 109	46%	SPK: 100
1718-51-0	Terphenyl-d14	45.3		10 - 105	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	79900	6.875			
1146-65-2	Naphthalene-d8	304000	8.163			
15067-26-2	Acenaphthene-d10	163000	9.922			
1517-22-2	Phenanthrene-d10	267000	11.41			
1719-03-5	Chrysene-d12	150000	14.057			
1520-96-3	Perylene-d12	167000	15.545			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	06/25/25
Project:	AS Jenks School			Date Received:	06/25/25
Client Sample ID:	MH-G/HMSD			SDG No.:	Q2425
Lab Sample ID:	Q2416-01MSD			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	89.7
Sample Wt/Vol:	50.04	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
BF142873.D	1	06/26/25 09:20	06/26/25 17:36	PB168625

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 BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 20 05:06:14 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142788.D 5 =BF142789.D 10 =BF142790.D 20 =BF142791.D 40 =BF142792.D 50 =BF142793.D 60 =BF142794.D 80 =BF1427
95.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.479	0.499	0.471	0.461	0.509	0.479	0.467	0.480	3.60
3)		Pyridine		1.190	1.195	1.190	1.164	1.303	1.209	1.181	1.205	3.78
4)		n-Nitrosodimet...			0.610	0.617	0.596	0.668	0.632	0.614	0.623	3.98
5)	S	2-Fluorophenol		2.475	2.460	2.460	2.299	2.525	2.342	2.256	2.403	4.26
6)		Aniline		1.951	1.944	1.891	1.818	1.982	1.869	1.746	1.886	4.41
7)	S	Phenol-d6		3.024	2.962	2.846	2.681	2.959	2.760	2.610	2.834	5.53
8)		2-Chlorophenol		1.362	1.303	1.292	1.245	1.366	1.272	1.231	1.296	4.08
9)		Benzaldehyde			0.988	0.943	0.757	0.832	0.684		0.841	15.02
10)	C	Phenol		1.648	1.653	1.591	1.516	1.651	1.530	1.437	1.575	5.31
11)		bis(2-Chloroet...		1.167	1.133	1.134	1.072	1.183	1.116	1.077	1.126	3.71
12)		1,3-Dichlorobe...		1.536	1.499	1.470	1.377	1.500	1.414	1.348	1.449	4.85
13)	C	1,4-Dichlorobe...		1.563	1.496	1.472	1.409	1.523	1.425	1.347	1.462	5.04
14)		1,2-Dichlorobe...		1.458	1.422	1.409	1.331	1.451	1.353	1.284	1.387	4.72
15)		Benzyl Alcohol			1.023	1.025	0.976	1.106	1.032	0.985	1.025	4.51
16)		2,2'-oxybis(1-...		1.975	1.869	1.815	1.723	1.879	1.758	1.644	1.809	6.12
17)		2-Methylphenol		1.015	0.997	0.980	0.938	1.043	0.972	0.929	0.982	4.13
18)		Hexachloroethane		0.533	0.521	0.507	0.499	0.539	0.498	0.484	0.511	3.89
19)	P	n-Nitroso-di-n...	0.831	0.879	0.840	0.833	0.787	0.847	0.812	0.766	0.824	4.30
20)		3+4-Methylphenols			1.292	1.262	1.176	1.312	1.197	1.108	1.224	6.36
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.464	0.451	0.459	0.418	0.461	0.428	0.406	0.441	5.28
23)	S	Nitrobenzene-d5		0.738	0.724	0.747	0.708	0.771	0.724	0.694	0.729	3.48
24)		Nitrobenzene		0.345	0.325	0.332	0.319	0.349	0.326	0.314	0.330	3.88
25)		Isophorone		0.611	0.582	0.592	0.555	0.616	0.584	0.554	0.585	4.17
26)	C	2-Nitrophenol		0.169	0.172	0.182	0.178	0.194	0.186	0.176	0.180	4.85
27)		2,4-Dimethylph...		0.322	0.310	0.318	0.300	0.329	0.307	0.294	0.311	3.99
28)		bis(2-Chloroet...		0.386	0.373	0.383	0.355	0.390	0.366	0.351	0.372	4.09
29)	C	2,4-Dichloroph...		0.291	0.280	0.290	0.273	0.298	0.277	0.268	0.282	3.77
30)		1,2,4-Trichlor...		0.324	0.316	0.318	0.299	0.324	0.301	0.292	0.310	4.26
31)		Naphthalene		1.051	1.002	1.004	0.934	1.017	0.943	0.902	0.979	5.46
32)		Benzoic acid			0.118	0.147	0.157	0.181	0.180	0.169	0.159	15.08
33)		4-Chloroaniline		0.414	0.408	0.409	0.379	0.421	0.393	0.363	0.398	5.26
34)	C	Hexachlorobuta...		0.195	0.188	0.198	0.184	0.200	0.184	0.179	0.190	4.30
35)		Caprolactam			0.073	0.075	0.072	0.081	0.078	0.069	0.075	5.84
36)	C	4-Chloro-3-met...		0.300	0.275	0.286	0.269	0.298	0.278	0.260	0.281	5.24
37)		2-Methylnaphth...		0.655	0.621	0.629	0.579	0.631	0.583	0.550	0.607	6.12
38)		1-Methylnaphth...		0.684	0.645	0.650	0.598	0.654	0.604	0.563	0.628	6.56

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.626	0.609	0.602	0.557	0.598	0.577	0.563	0.590	4.27
41)	P	Hexachlorocycl...		0.235	0.308	0.336	0.365	0.376	0.389	0.335	17.02
42)	S	2,4,6-Tribromo...	0.415	0.414	0.428	0.400	0.438	0.411	0.374	0.412	4.96
43)	C	2,4,6-Trichlor...	0.385	0.380	0.394	0.365	0.408	0.389	0.371	0.385	3.71
44)		2,4,5-Trichlor...	0.407	0.403	0.421	0.391	0.416	0.407	0.388	0.405	2.95
45)	S	2-Fluorobiphenyl	3.480	3.272	3.184	2.861	2.999	2.816	2.702	3.045	9.15
46)		1,1'-Biphenyl	1.701	1.616	1.637	1.505	1.609	1.525	1.466	1.580	5.27
47)		2-Chloronaphth...	1.300	1.202	1.208	1.129	1.209	1.145	1.106	1.186	5.50
48)		2-Nitroaniline	0.321	0.329	0.337	0.324	0.358	0.337	0.320	0.332	3.93
49)		Acenaphthylene	2.110	2.006	2.011	1.861	1.995	1.891	1.787	1.952	5.64
50)		Dimethylphthalate	1.372	1.334	1.330	1.228	1.335	1.277	1.186	1.295	5.17
51)		2,6-Dinitrotol...	0.297	0.279	0.290	0.277	0.294	0.284	0.268	0.284	3.57
52)	C	Acenaphthene	1.247	1.199	1.241	1.142	1.228	1.172	1.107	1.191	4.44
53)		3-Nitroaniline	0.311	0.311	0.316	0.302	0.338	0.320	0.292	0.313	4.52
54)	P	2,4-Dinitrophenol		0.095	0.129	0.142	0.173	0.163	0.152	0.142	19.61
55)		Dibenzofuran	1.844	1.772	1.763	1.626	1.752	1.660	1.537	1.708	6.13
56)	P	4-Nitrophenol		0.189	0.218	0.208	0.238	0.229	0.203	0.214	8.25
57)		2,4-Dinitrotol...	0.373	0.378	0.397	0.367	0.407	0.383	0.338	0.378	5.90
58)		Fluorene	1.464	1.412	1.395	1.260	1.362	1.260	1.183	1.334	7.58
59)		2,3,4,6-Tetrac...	0.327	0.327	0.339	0.312	0.345	0.331	0.304	0.326	4.43
60)		Diethylphthalate	1.328	1.302	1.319	1.211	1.318	1.266	1.141	1.269	5.50
61)		4-Chlorophenyl...	0.713	0.656	0.669	0.599	0.640	0.609	0.568	0.636	7.64
62)		4-Nitroaniline	0.279	0.276	0.297	0.272	0.316	0.300	0.264	0.286	6.48
63)		Azobenzene	1.215	1.149	1.167	1.081	1.176	1.122	1.032	1.134	5.47
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.099	0.119	0.119	0.134	0.130	0.125	0.121	10.04
66)	c	n-Nitrosodiphe...	0.736	0.686	0.710	0.670	0.717	0.671	0.662	0.693	4.07
67)		4-Bromophenyl-...	0.231	0.221	0.235	0.218	0.236	0.228	0.225	0.228	3.03
68)		Hexachlorobenzene	0.263	0.248	0.257	0.241	0.262	0.252	0.247	0.253	3.29
69)		Atrazine	0.176	0.172	0.180	0.174	0.195	0.183	0.174	0.179	4.48
70)	C	Pentachlorophenol		0.102	0.119	0.125	0.142	0.135	0.133	0.126	11.30
71)		Phenanthrene	1.183	1.113	1.115	1.031	1.122	1.028	0.992	1.083	6.24
72)		Anthracene	1.226	1.123	1.149	1.064	1.140	1.065	1.011	1.111	6.35
73)		Carbazole	1.040	0.986	0.999	0.900	1.002	0.920	0.866	0.959	6.67
74)		Di-n-butylphth...	0.997	1.006	1.045	0.946	1.073	0.989	0.936	0.999	4.92
75)	C	Fluoranthene	1.136	1.088	1.090	0.954	1.059	0.972	0.899	1.028	8.44
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.745	0.860	0.773	0.824	0.719	0.587	0.751	12.71
78)		Pyrene	2.110	1.940	1.968	1.742	2.030	1.863	1.468	1.875	11.43
79)	S	Terphenyl-d14	3.383	3.111	3.066	2.655	3.070	2.772	2.208	2.895	13.30
80)		Butylbenzylpht...	0.478	0.470	0.538	0.547	0.613	0.597	0.563	0.544	10.01
81)		Benzo(a)anthra...	1.392	1.358	1.366	1.265	1.403	1.376	1.284	1.349	3.98
82)		3,3'-Dichlorob...		0.398	0.440	0.429	0.476	0.445	0.438	0.438	5.73
83)		Chrysene	1.243	1.191	1.208	1.164	1.295	1.177	1.150	1.204	4.17
84)		Bis(2-ethylhex...	0.650	0.675	0.767	0.803	0.861	0.843	0.878	0.782	11.52
85)	c	Di-n-octyl pht...		1.207	1.352	1.463	1.610	1.569	1.651	1.475	11.54

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.528	1.488	1.545	1.474	1.648	1.539	1.442	1.523	4.38
88)		Benzo(b)fluora...	1.164	1.220	1.226	1.072	1.152	1.197	1.070	1.157	5.61
89)		Benzo(k)fluora...	1.206	1.004	1.035	1.037	1.193	1.038	1.068	1.083	7.55
90)	C	Benzo(a)pyrene	1.142	1.065	1.124	1.069	1.201	1.141	1.084	1.118	4.37
91)		Dibenzo(a,h)an...	1.249	1.214	1.293	1.180	1.337	1.240	1.152	1.238	5.13
92)		Benzo(g,h,i)pe...	1.239	1.198	1.266	1.188	1.332	1.255	1.161	1.234	4.66

(#) = 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: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG No.: Q2425

Instrument ID: BNA_F Calibration Date/Time: 06/26/2025 09:39

Lab File ID: BF142857.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.244		3.6	
Phenol-d6	1.417	1.459		3.0	
Nitrobenzene-d5	0.365	0.443		21.4	
Naphthalene	0.979	1.015		3.7	
2-Fluorobiphenyl	1.522	1.697		11.5	
Fluorene	1.334	1.364		2.2	
2,4,6-Tribromophenol	0.206	0.223		8.3	
Phenanthrene	1.083	1.100		1.6	
Anthracene	1.111	1.136		2.3	
Pyrene	1.875	1.932		3.0	
Terphenyl-d14	1.447	1.677		15.9	
Benzo(a)anthracene	1.349	1.377		2.1	
Chrysene	1.204	1.250		3.8	
Benzo(b)fluoranthene	1.157	1.283		10.9	
Benzo(a)pyrene	1.118	1.173		4.9	20.0
Indeno(1,2,3-cd)pyrene	1.523	1.584		4.0	
Benzo(g,h,i)perylene	1.234	1.288		4.4	

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: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG No.: Q2425

Instrument ID: BNA_F Calibration Date/Time: 06/27/2025 09:51

Lab File ID: BF142882.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.268		5.6	
Phenol-d6	1.417	1.473		4.0	
Nitrobenzene-d5	0.365	0.451		23.6	
Naphthalene	0.979	1.021		4.3	
2-Fluorobiphenyl	1.522	1.783		17.1	
Fluorene	1.334	1.383		3.7	
2,4,6-Tribromophenol	0.206	0.217		5.3	
Phenanthrene	1.083	1.105		2.0	
Anthracene	1.111	1.136		2.3	
Pyrene	1.875	1.800		-4.0	
Terphenyl-d14	1.447	1.565		8.2	
Benzo(a)anthracene	1.349	1.390		3.0	
Chrysene	1.204	1.236		2.7	
Benzo(b)fluoranthene	1.157	1.220		5.4	
Benzo(a)pyrene	1.118	1.169		4.6	20.0
Indeno(1,2,3-cd)pyrene	1.523	1.469		-3.5	
Benzo(g,h,i)perylene	1.234	1.183		-4.1	

All other compounds must meet a minimum RRF of 0.010.