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

DATA PACKAGE

VOLATILE ORGANICS
GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS

PROJECT NAME : LINCOLN HIGH SCHOOL

KLEINFELDER

180 Sheree Boulevard, Suite 3800

Exton, PA - 19341

Phone No: 610-594-1444

ORDER ID : Q1859

ATTENTION : Mark Warchol

Laboratory Certification ID # 20012

Table Of Contents for Q1859

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

Cover Page

Order ID : Q1859

Project ID : Lincoln High School

Client : Kleinfelder

Lab Sample Number	Client Sample Number
Q1859-01	COMP-1
Q1859-02	COMP-2
Q1859-03	COMP-3

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 4/30/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Kleinfelder
Project Name: Lincoln High School
Project # N/A
Chemtech Project # Q1859
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/22/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, PESTICIDE Group1, SVOCMS Group1, Trivalent Chromium and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.
Trip Blank was not provided with this set of samples.
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount

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for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature_____

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CASE NARRATIVE

Kleinfelder
Project Name: Lincoln High School
Project # N/A
Chemtech Project # Q1859
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/22/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, PESTICIDE Group1, SVOCMS Group1, Trivalent Chromium and VOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.
The soil samples results are based on a dry weight basis.

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Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Kleinfelder
Project Name: Lincoln High School
Project # N/A
Chemtech Project # Q1859
Test Name: PESTICIDE Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/22/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, PESTICIDE Group1, SVOCMS Group1, Trivalent Chromium and VOCMS Group1. This data package contains results for PESTICIDE Group1.

C. Analytical Techniques:
The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of PESTICIDE Group1s was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature_____

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Kleinfelder
Project Name: Lincoln High School
Project # N/A
Chemtech Project # Q1859
Test Name: PCB Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/22/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, PESTICIDE Group1, SVOCMS Group1, Trivalent Chromium and VOCMS Group1. This data package contains results for PCB Group1.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCB Group1s was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature_____

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CASE NARRATIVE

Kleinfelder
Project Name: Lincoln High School
Project # N/A
Chemtech Project # Q1859
Test Name: Metals ICP-Group1,Mercury

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/22/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, PESTICIDE Group1, SVOCMS Group1, Trivalent Chromium and VOCMS Group1. This data package contains results for Metals ICP-Group1,Mercury.

C. Analytical Techniques:
The analysis of Metals ICP-Group1 was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate (COMP-1DUP) analysis met criteria for all samples except for Cadmium due to matrix interference.
The Duplicate (COMP-1MSD) analysis met criteria for all samples except for Boron, Zinc due to matrix interference.
The Matrix Spike (COMP-1MS) analysis met criteria for all samples except for Antimony, Arsenic, Beryllium, Boron, Chromium, Molybdenum, Selenium, Silver due to matrix interference.
The Matrix Spike Duplicate (COMP-1MSD) analysis met criteria for all samples except for Antimony, Arsenic, Beryllium, Boron, Chromium, Molybdenum, Selenium, Silver due to matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution (COMP-1L) met criteria for all samples except for Aluminum, Barium, Chromium, Copper, Iron, Manganese, Vanadium, Zinc due to unknown interference.

E. Additional Comments:

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Signature_____

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CASE NARRATIVE

Kleinfelder
Project Name: Lincoln High School
Project # N/A
Chemtech Project # Q1859
Test Name: Hexavalent Chromium,Ammonia,Trivalent Chromium,Anions Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/22/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, PESTICIDE Group1, SVOCMS Group1, Trivalent Chromium and VOCMS Group1. This data package contains results for Hexavalent Chromium,Ammonia,Trivalent Chromium,Anions Group1.

C. Analytical Techniques:
The analysis of Trivalent Chromium was based on method 6010D, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of Anions Group1 was based on method 9056A and The analysis of Ammonia was based on method SM4500-NH3.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

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Signature_____

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Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1859

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 04/30/2025

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LAB CHRONICLE

OrderID:	Q1859	**OrderDate:**	4/22/2025 2:55:00 PM
Client:	Kleinfelder	**Project:**	Lincoln High School
Contact:	Mark Warchol	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1859-01	**COMP-1**	**SOIL**			**04/18/25**			**04/22/25**
			VOCMS Group1	8260D			04/23/25	
Q1859-02	**COMP-2**	**SOIL**			**04/18/25**			**04/22/25**
			VOCMS Group1	8260D			04/23/25	
Q1859-03	**COMP-3**	**SOIL**			**04/18/25**			**04/22/25**
			VOCMS Group1	8260D			04/23/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1859

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-1	SDG No.:	Q1859
Lab Sample ID:	Q1859-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	79.6
Sample Wt/Vol:	4.43 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021981.D	1		04/23/25 18:58	VY042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	1.10	U	1.10	7.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.30	U	1.30	7.10	ug/Kg
71-43-2	Benzene	1.10	U	1.10	7.10	ug/Kg
79-01-6	Trichloroethene	1.10	U	1.10	7.10	ug/Kg
108-88-3	Toluene	1.10	U	1.10	7.10	ug/Kg
100-41-4	Ethyl Benzene	0.95	U	0.95	7.10	ug/Kg
1330-20-7	Total Xylenes	3.00	U	3.00	21.3	ug/Kg
98-82-8	Isopropylbenzene	1.10	U	1.10	7.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.6		63 - 155	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	48.6		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.0		38 - 136	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	315000	7.707			
540-36-3	1,4-Difluorobenzene	594000	8.616			
3114-55-4	Chlorobenzene-d5	523000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	198000	13.346			

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:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-2	SDG No.:	Q1859
Lab Sample ID:	Q1859-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	83.2
Sample Wt/Vol:	5.71 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021982.D	1		04/23/25 19:21	VY042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.79	U	0.79	5.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.98	U	0.98	5.30	ug/Kg
71-43-2	Benzene	0.83	U	0.83	5.30	ug/Kg
79-01-6	Trichloroethene	0.85	U	0.85	5.30	ug/Kg
108-88-3	Toluene	0.82	U	0.82	5.30	ug/Kg
100-41-4	Ethyl Benzene	0.71	U	0.71	5.30	ug/Kg
1330-20-7	Total Xylenes	2.16	U	2.16	15.8	ug/Kg
98-82-8	Isopropylbenzene	0.82	U	0.82	5.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.3		63 - 155	119%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	48.8		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.3		38 - 136	87%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	299000	7.707			
540-36-3	1,4-Difluorobenzene	576000	8.615			
3114-55-4	Chlorobenzene-d5	530000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	216000	13.346			

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:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-3	SDG No.:	Q1859
Lab Sample ID:	Q1859-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	85.6
Sample Wt/Vol:	5.67 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021983.D	1		04/23/25 19:44	VY042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.77	U	0.77	5.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.96	U	0.96	5.20	ug/Kg
71-43-2	Benzene	0.81	U	0.81	5.20	ug/Kg
79-01-6	Trichloroethene	0.83	U	0.83	5.20	ug/Kg
108-88-3	Toluene	0.80	U	0.80	5.20	ug/Kg
100-41-4	Ethyl Benzene	0.69	U	0.69	5.20	ug/Kg
1330-20-7	Total Xylenes	2.14	U	2.14	15.5	ug/Kg
98-82-8	Isopropylbenzene	0.80	U	0.80	5.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.1		63 - 155	112%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	48.2		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.4		38 - 136	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	301000	7.707			
540-36-3	1,4-Difluorobenzene	573000	8.616			
3114-55-4	Chlorobenzene-d5	508000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	187000	13.347			

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

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

QC SUMMARY

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

Surrogate Summary

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1859-01	COMP-1	1,2-Dichloroethane-d4	50	53.6	107	63	155
		Dibromofluoromethane	50	50.3	101	70	134
		Toluene-d8	50	48.6	97	74	123
		4-Bromofluorobenzene	50	40.0	80	38	136
Q1859-02	COMP-2	1,2-Dichloroethane-d4	50	59.3	119	63	155
		Dibromofluoromethane	50	51.8	104	70	134
		Toluene-d8	50	48.8	98	74	123
		4-Bromofluorobenzene	50	43.3	87	38	136
Q1859-03	COMP-3	1,2-Dichloroethane-d4	50	56.1	112	63	155
		Dibromofluoromethane	50	50.5	101	70	134
		Toluene-d8	50	48.2	96	74	123
		4-Bromofluorobenzene	50	40.4	81	38	136
VY0423SBL01	VY0423SBL01	1,2-Dichloroethane-d4	50	51.1	102	63	155
		Dibromofluoromethane	50	50.0	100	70	134
		Toluene-d8	50	47.6	95	74	123
		4-Bromofluorobenzene	50	38.5	77	38	136
VY0423SBS01	VY0423SBS01	1,2-Dichloroethane-d4	50	51.4	103	63	155
		Dibromofluoromethane	50	51.5	103	70	134
		Toluene-d8	50	52.0	104	74	123
		4-Bromofluorobenzene	50	50.6	101	38	136
VY0423SBSD01	VY0423SBSD01	1,2-Dichloroethane-d4	50	57.7	115	63	155
		Dibromofluoromethane	50	55.6	111	70	134
		Toluene-d8	50	56.5	113	74	123
		4-Bromofluorobenzene	50	55.5	111	38	136

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: SW8260D **Datafile :** VY021964.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0423SBS01	cis-1,2-Dichloroethene	20	20.3	ug/Kg	102			82	123	
	1,1,1-Trichloroethane	20	20.2	ug/Kg	101			80	126	
	Benzene	20	20.7	ug/Kg	104			84	121	
	Trichloroethene	20	20.2	ug/Kg	101			83	122	
	Toluene	20	20.8	ug/Kg	104			83	122	
	Ethyl Benzene	20	19.8	ug/Kg	99			82	124	
	m/p-Xylenes	40	40.3	ug/Kg	101			83	124	
	o-Xylene	20	19.8	ug/Kg	99			83	123	
	Isopropylbenzene	20	19.6	ug/Kg	98			82	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: SW8260D **Datafile :** VY021965.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0423SBSD01	cis-1,2-Dichloroethene	20	21.4	ug/Kg	107	5		82	123	20
	1,1,1-Trichloroethane	20	21.2	ug/Kg	106	5		80	126	20
	Benzene	20	21.4	ug/Kg	107	3		84	121	20
	Trichloroethene	20	21.0	ug/Kg	105	4		83	122	20
	Toluene	20	21.6	ug/Kg	108	4		83	122	20
	Ethyl Benzene	20	20.3	ug/Kg	102	3		82	124	20
	m/p-Xylenes	40	41.9	ug/Kg	105	4		83	124	20
	o-Xylene	20	20.6	ug/Kg	103	4		83	123	20
	Isopropylbenzene	20	20.2	ug/Kg	101	3		82	124	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0423SBL01

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG NO.: Q1859

Lab File ID: VY021963.D Lab Sample ID: VY0423SBL01

Date Analyzed: 04/23/2025 Time Analyzed: 10:31

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0423SBS01	VY0423SBS01	VY021964.D	04/23/2025
VY0423SBSD01	VY0423SBSD01	VY021965.D	04/23/2025
COMP-1	Q1859-01	VY021981.D	04/23/2025
COMP-2	Q1859-02	VY021982.D	04/23/2025
COMP-3	Q1859-03	VY021983.D	04/23/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG NO.: Q1859

Lab File ID: VY021952.D BFB Injection Date: 04/22/2025

Instrument ID: MSVOA_Y BFB Injection Time: 11:33

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	49.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.5 (1.7) 1
174	50.0 - 100.0% of mass 95	88.4
175	5.0 - 9.0% of mass 174	7.1 (8) 1
176	95.0 - 101.0% of mass 174	84.9 (96.1) 1
177	5.0 - 9.0% of mass 176	5.5 (6.4) 2

1-Value is % mass 174 2-Value is % mass 176

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
VSTDICC005	VSTDICC005	VY021953.D	04/22/2025	13:39
VSTDICC010	VSTDICC010	VY021954.D	04/22/2025	14:44
VSTDICC020	VSTDICC020	VY021955.D	04/22/2025	15:07
VSTDICCC050	VSTDICCC050	VY021956.D	04/22/2025	15:29
VSTDICC100	VSTDICC100	VY021957.D	04/22/2025	15:52
VSTDICC150	VSTDICC150	VY021958.D	04/22/2025	16:15

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG NO.: Q1859

Lab File ID: VY021961.D BFB Injection Date: 04/23/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:27

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.6
75	30.0 - 60.0% of mass 95	48.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1.4 (1.7) 1
174	50.0 - 100.0% of mass 95	83.9
175	5.0 - 9.0% of mass 174	6.8 (8.1) 1
176	95.0 - 101.0% of mass 174	83 (99) 1
177	5.0 - 9.0% of mass 176	5.3 (6.4) 2

1-Value is % mass 174 2-Value is % mass 176

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
VSTDCCC050	VSTDCCC050	VY021962.D	04/23/2025	09:57
VY0423SBL01	VY0423SBL01	VY021963.D	04/23/2025	10:31
VY0423SBS01	VY0423SBS01	VY021964.D	04/23/2025	11:07
VY0423SBSD01	VY0423SBSD01	VY021965.D	04/23/2025	11:30
COMP-1	Q1859-01	VY021981.D	04/23/2025	18:58
COMP-2	Q1859-02	VY021982.D	04/23/2025	19:21
COMP-3	Q1859-03	VY021983.D	04/23/2025	19:44

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG NO.: Q1859

Lab File ID: VY021962.D Date Analyzed: 04/23/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:57

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	304636	7.71	465219	8.62	430304	11.42
UPPER LIMIT	609272	8.213	930438	9.116	860608	11.92
LOWER LIMIT	152318	7.213	232610	8.116	215152	10.92
EPA SAMPLE NO.						
COMP-1	315119	7.71	594440	8.62	522816	11.41
COMP-2	298943	7.71	576008	8.62	529750	11.41
COMP-3	301412	7.71	573101	8.62	507894	11.41
VY0423SBL01	319981	7.71	599033	8.62	525205	11.42
VY0423SBS01	295173	7.71	458305	8.62	417679	11.42
VY0423SBSD01	282902	7.71	449051	8.62	413807	11.41

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

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 LOWER 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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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG NO.: Q1859

Lab File ID: VY021962.D Date Analyzed: 04/23/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:57

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	227723	13.347				
UPPER LIMIT	455446	13.847				
LOWER LIMIT	113862	12.847				
EPA SAMPLE NO.						
COMP-1	198189	13.35				
COMP-2	215851	13.35				
COMP-3	187146	13.35				
VY0423SBL01	194434	13.35				
VY0423SBS01	221603	13.35				
VY0423SBSD01	217306	13.35				

IS4 = 1,4-Dichlorobenzene-d4

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 LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Lincoln High School	Date Received:	
Client Sample ID:	VY0423SBL01	SDG No.:	Q1859
Lab Sample ID:	VY0423SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021963.D	1		04/23/25 10:31	VY042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	2.02	U	2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	47.6		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.6		38 - 136	77%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	320000	7.713			
540-36-3	1,4-Difluorobenzene	599000	8.616			
3114-55-4	Chlorobenzene-d5	525000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	194000	13.347			

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:	Lincoln High School	Date Received:	
Client Sample ID:	VY0423SBS01	SDG No.:	Q1859
Lab Sample ID:	VY0423SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021964.D	1		04/23/25 11:07	VY042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	20.3		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.2		0.93	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.2		0.81	5.00	ug/Kg
108-88-3	Toluene	20.8		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.8		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	60.1		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	19.6		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.4		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	52.0		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		38 - 136	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	295000	7.707			
540-36-3	1,4-Difluorobenzene	458000	8.616			
3114-55-4	Chlorobenzene-d5	418000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	222000	13.346			

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

Client:	Kleinfelder	Date Collected:	
Project:	Lincoln High School	Date Received:	
Client Sample ID:	VY0423SBSD01	SDG No.:	Q1859
Lab Sample ID:	VY0423SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021965.D	1		04/23/25 11:30	VY042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	21.4		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.2		0.93	5.00	ug/Kg
71-43-2	Benzene	21.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.0		0.81	5.00	ug/Kg
108-88-3	Toluene	21.6		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.3		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	62.5		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	20.2		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.7		63 - 155	115%	SPK: 50
1868-53-7	Dibromofluoromethane	55.6		70 - 134	111%	SPK: 50
2037-26-5	Toluene-d8	56.5		74 - 123	113%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.5		38 - 136	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	283000	7.707			
540-36-3	1,4-Difluorobenzene	449000	8.616			
3114-55-4	Chlorobenzene-d5	414000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	217000	13.346			

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG No.: Q1859

Instrument ID: MSVOA_Y Calibration Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:39 16:15

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY021953.D RRF010 = VY021954.D RRF020 = VY021955.D
RRF050 = VY021956.D RRF100 = VY021957.D RRF150 = VY021958.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
cis-1,2-Dichloroethene	0.626	0.638	0.604	0.612	0.633	0.621	0.622	2.1
1,1,1-Trichloroethane	0.972	0.944	0.896	0.853	0.865	0.846	0.896	5.8
Benzene	1.423	1.439	1.351	1.337	1.415	1.358	1.387	3.1
Trichloroethene	0.402	0.405	0.369	0.367	0.387	0.375	0.384	4.3
Toluene	0.838	0.915	0.875	0.894	0.952	0.913	0.898	4.4
Ethyl Benzene	1.693	1.840	1.718	1.835	1.990	1.898	1.829	6.1
m/p-Xylenes	0.664	0.720	0.699	0.734	0.797	0.754	0.728	6.3
o-Xylene	0.599	0.639	0.635	0.689	0.747	0.716	0.671	8.3
Isopropylbenzene	3.061	3.316	3.102	3.325	3.639	3.599	3.341	7.2
1,2-Dichloroethane-d4	0.525	0.477	0.459	0.466	0.418	0.427	0.462	8.3
Dibromofluoromethane	0.335	0.341	0.330	0.330	0.319	0.327	0.330	2.3
Toluene-d8	1.220	1.260	1.211	1.276	1.244	1.261	1.245	2
4-Bromofluorobenzene	0.408	0.429	0.401	0.426	0.423	0.428	0.419	2.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG No.: Q1859

Instrument ID: MSVOA_Y Calibration Date/Time: 04/23/2025 09:57

Lab File ID: VY021962.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
cis-1,2-Dichloroethene	0.622	0.605		-2.73	20
1,1,1-Trichloroethane	0.896	0.858		-4.24	20
Benzene	1.387	1.381		-0.43	20
Trichloroethene	0.384	0.371		-3.38	20
Toluene	0.898	0.927		3.23	20
Ethyl Benzene	1.829	1.881		2.84	20
m/p-Xylenes	0.728	0.756		3.85	20
o-Xylene	0.671	0.693		3.28	20
Isopropylbenzene	3.341	3.454		3.38	20
1,2-Dichloroethane-d4	0.462	0.438		-5.2	20
Dibromofluoromethane	0.330	0.325		-1.51	20
Toluene-d8	1.245	1.266		1.69	20
4-Bromofluorobenzene	0.419	0.422		0.72	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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LAB CHRONICLE

OrderID:	Q1859	**OrderDate:**	4/22/2025 2:55:00 PM
Client:	Kleinfelder	**Project:**	Lincoln High School
Contact:	Mark Warchol	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1859-01	**COMP-1**	**SOIL**			**04/18/25**			**04/22/25**
			SVOCMS Group1	8270E		04/23/25	04/23/25	
Q1859-02	**COMP-2**	**SOIL**			**04/18/25**			**04/22/25**
			SVOCMS Group1	8270E		04/23/25	04/23/25	
Q1859-03	**COMP-3**	**SOIL**			**04/18/25**			**04/22/25**
			SVOCMS Group1	8270E		04/23/25	04/23/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1859

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:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-1	SDG No.:	Q1859
Lab Sample ID:	Q1859-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	79.6
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
BM050020.D	1	04/23/25 09:20	04/23/25 19:11	PB167711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	28.5	U	28.5	210	ug/Kg
86-73-7	Fluorene	31.8	U	31.8	210	ug/Kg
85-01-8	Phenanthrene	26.2	U	26.2	210	ug/Kg
120-12-7	Anthracene	41.8	U	41.8	210	ug/Kg
129-00-0	Pyrene	45.2	U	45.2	210	ug/Kg
56-55-3	Benzo(a)anthracene	28.9	U	28.9	210	ug/Kg
218-01-9	Chrysene	25.0	U	25.0	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.9	U	23.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	37.0	U	37.0	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36.5	U	36.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32.3	U	32.3	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	52.5		18 - 107	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	47.1		20 - 109	47%	SPK: 100
1718-51-0	Terphenyl-d14	52.5		10 - 105	53%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	289000	7.763			
1146-65-2	Naphthalene-d8	1020000	10.557			
15067-26-2	Acenaphthene-d10	677000	14.41			
1517-22-2	Phenanthrene-d10	1420000	17.157			
1719-03-5	Chrysene-d12	1430000	21.397			
1520-96-3	Perylene-d12	1480000	24.397			

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-1	SDG No.:	Q1859
Lab Sample ID:	Q1859-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	79.6
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
BM050020.D	1	04/23/25 09:20	04/23/25 19:11	PB167711

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:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-2	SDG No.:	Q1859
Lab Sample ID:	Q1859-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	83.2
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
BM050018.D	1	04/23/25 09:20	04/23/25 17:53	PB167711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.2	U	27.2	200	ug/Kg
86-73-7	Fluorene	30.3	U	30.3	200	ug/Kg
85-01-8	Phenanthrene	25.1	U	25.1	200	ug/Kg
120-12-7	Anthracene	39.9	U	39.9	200	ug/Kg
129-00-0	Pyrene	43.2	U	43.2	200	ug/Kg
56-55-3	Benzo(a)anthracene	27.6	U	27.6	200	ug/Kg
218-01-9	Chrysene	23.9	U	23.9	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.8	U	22.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	35.4	U	35.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.9	U	34.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.8	U	30.8	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	55.6		18 - 107	56%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.0		20 - 109	54%	SPK: 100
1718-51-0	Terphenyl-d14	61.2		10 - 105	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	291000	7.763			
1146-65-2	Naphthalene-d8	983000	10.557			
15067-26-2	Acenaphthene-d10	636000	14.41			
1517-22-2	Phenanthrene-d10	1260000	17.157			
1719-03-5	Chrysene-d12	1290000	21.397			
1520-96-3	Perylene-d12	1380000	24.403			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	04/18/25
Project:	Lincoln High School			Date Received:	04/22/25
Client Sample ID:	COMP-2			SDG No.:	Q1859
Lab Sample ID:	Q1859-02			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	83.2
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
BM050018.D	1	04/23/25 09:20	04/23/25 17:53	PB167711

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:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-3	SDG No.:	Q1859
Lab Sample ID:	Q1859-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.6
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
BM050019.D	1	04/23/25 09:20	04/23/25 18:32	PB167711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	26.5	U	26.5	200	ug/Kg
86-73-7	Fluorene	29.5	U	29.5	200	ug/Kg
85-01-8	Phenanthrene	24.4	U	24.4	200	ug/Kg
120-12-7	Anthracene	38.9	U	38.9	200	ug/Kg
129-00-0	Pyrene	42.0	U	42.0	200	ug/Kg
56-55-3	Benzo(a)anthracene	26.9	U	26.9	200	ug/Kg
218-01-9	Chrysene	23.2	U	23.2	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.2	U	22.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	34.5	U	34.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.0	U	34.0	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.0	U	30.0	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	40.9		18 - 107	41%	SPK: 100
321-60-8	2-Fluorobiphenyl	39.4		20 - 109	39%	SPK: 100
1718-51-0	Terphenyl-d14	43.9		10 - 105	44%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	283000	7.763			
1146-65-2	Naphthalene-d8	968000	10.557			
15067-26-2	Acenaphthene-d10	647000	14.41			
1517-22-2	Phenanthrene-d10	1330000	17.157			
1719-03-5	Chrysene-d12	1370000	21.398			
1520-96-3	Perylene-d12	1430000	24.397			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	04/18/25
Project:	Lincoln High School			Date Received:	04/22/25
Client Sample ID:	COMP-3			SDG No.:	Q1859
Lab Sample ID:	Q1859-03			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	85.6
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
BM050019.D	1	04/23/25 09:20	04/23/25 18:32	PB167711

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.: Q1859

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167711BL	PB167711BL	Nitrobenzene-d5	100	91.5	92		18	107
		2-Fluorobiphenyl	100	92.2	92		20	109
		Terphenyl-d14	100	98.5	98		10	105
PB167711BS	PB167711BS	Nitrobenzene-d5	100	90.4	90		18	107
		2-Fluorobiphenyl	100	89.9	90		20	109
		Terphenyl-d14	100	101	101		10	105
Q1852-07MS	72-12013MS	Nitrobenzene-d5	100	69.4	69		18	107
		2-Fluorobiphenyl	100	67.1	67		20	109
		Terphenyl-d14	100	65.1	65		10	105
Q1852-07MSD	72-12013MSD	Nitrobenzene-d5	100	68.6	69		18	107
		2-Fluorobiphenyl	100	63.7	64		20	109
		Terphenyl-d14	100	63.1	63		10	105
Q1859-01	COMP-1	Nitrobenzene-d5	100	52.5	53		18	107
		2-Fluorobiphenyl	100	47.1	47		20	109
		Terphenyl-d14	100	52.5	53		10	105
Q1859-02	COMP-2	Nitrobenzene-d5	100	55.6	56		18	107
		2-Fluorobiphenyl	100	54.0	54		20	109
		Terphenyl-d14	100	61.2	61		10	105
Q1859-03	COMP-3	Nitrobenzene-d5	100	40.9	41		18	107
		2-Fluorobiphenyl	100	39.4	39		20	109
		Terphenyl-d14	100	43.9	44		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1859

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: Q1852-07MS		**Client Sample ID:** 72-12013MS						**DataFile:** BM050013.D			
Naphthalene	1100	0	990	ug/Kg	90				72	110	
Fluorene	1100	0	1000	ug/Kg	91				68	116	
Phenanthrene	1100	0	1100	ug/Kg	100				52	128	
Anthracene	1100	0	1100	ug/Kg	100				62	124	
Pyrene	1100	0	1000	ug/Kg	91				26	142	
Benzo(a)anthracene	1100	0	1100	ug/Kg	100				71	114	
Chrysene	1100	0	1100	ug/Kg	100				57	121	
Benzo(b)fluoranthene	1100	0	1100	ug/Kg	100				67	121	
Benzo(a)pyrene	1100	0	1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	1100	ug/Kg	100				40	129	
Benzo(g,h,i)perylene	1100	0	1000	ug/Kg	91				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1859

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: Q1852-07MSD		**Client Sample ID:** 72-12013MSD						**DataFile:** BM050014.D			
Naphthalene	1100	0	970	ug/Kg	88		2		72	110	20
Fluorene	1100	0	990	ug/Kg	90		1		68	116	20
Phenanthrene	1100	0	1000	ug/Kg	91		9		52	128	20
Anthracene	1100	0	1100	ug/Kg	100		0		62	124	20
Pyrene	1100	0	990	ug/Kg	90		1		26	142	20
Benzo(a)anthracene	1100	0	1100	ug/Kg	100		0		71	114	20
Chrysene	1100	0	1000	ug/Kg	91		9		57	121	20
Benzo(b)fluoranthene	1100	0	1000	ug/Kg	91		9		67	121	20
Benzo(a)pyrene	1100	0	1100	ug/Kg	100		9		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	1100	ug/Kg	100		0		40	129	20
Benzo(g,h,i)perylene	1100	0	970	ug/Kg	88		3		24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8270E **DataFile:** BP024409.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167711BS	Naphthalene	1700	1500	ug/Kg	88				62	100	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167711BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG NO.: Q1859

Lab File ID: BP024408.D Lab Sample ID: PB167711BL

Instrument ID: BNA_P Date Extracted: 04/23/2025

Matrix: (soil/water) SOIL Date Analyzed: 04/24/2025

Level: (low/med) LOW Time Analyzed: 12:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167711BS	PB167711BS	BP024409.D	04/24/2025
72-12013MS	Q1852-07MS	BM050013.D	04/23/2025
72-12013MSD	Q1852-07MSD	BM050014.D	04/23/2025
COMP-2	Q1859-02	BM050018.D	04/23/2025
COMP-3	Q1859-03	BM050019.D	04/23/2025
COMP-1	Q1859-01	BM050020.D	04/23/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q1859 SDG NO.: Q1859

Lab File ID: BM049847.D DFTPP Injection Date: 04/08/2025

Instrument ID: BNA_M DFTPP Injection Time: 12:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.1
68	Less than 2.0% of mass 69	0.3 (1.2) 1
69	Mass 69 relative abundance	26.5
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	34.9
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	7
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	81.2
443	15.0 - 24.0% of mass 442	15.3 (18.8) 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	BM049848.D	04/08/2025	13:35
SSTDICC005	SSTDICC005	BM049849.D	04/08/2025	14:14
SSTDICC010	SSTDICC010	BM049850.D	04/08/2025	14:53
SSTDICC020	SSTDICC020	BM049851.D	04/08/2025	15:32
SSTDICCC040	SSTDICCC040	BM049852.D	04/08/2025	16:12
SSTDICC050	SSTDICC050	BM049853.D	04/08/2025	17:30
SSTDICC060	SSTDICC060	BM049854.D	04/08/2025	19:28
SSTDICC080	SSTDICC080	BM049855.D	04/08/2025	20:07

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q1859 SDG NO.: Q1859

Lab File ID: BM050006.D DFTPP Injection Date: 04/23/2025

Instrument ID: BNA_M DFTPP Injection Time: 09:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	25.4
70	Less than 2.0% of mass 69	0.1 (0.6) 1
127	10.0 - 80.0% of mass 198	32.7
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	6.9
275	10.0 - 60.0% of mass 198	26.3
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.7
442	Greater than 50% of mass 198	75.4
443	15.0 - 24.0% of mass 442	14.7 (19.5) 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	BM050007.D	04/23/2025	10:38
72-12013MS	Q1852-07MS	BM050013.D	04/23/2025	14:37
72-12013MSD	Q1852-07MSD	BM050014.D	04/23/2025	15:16
COMP-2	Q1859-02	BM050018.D	04/23/2025	17:53
COMP-3	Q1859-03	BM050019.D	04/23/2025	18:32
COMP-1	Q1859-01	BM050020.D	04/23/2025	19:11

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q1859 SDG NO.: Q1859

Lab File ID: BP024274.D DFTPP Injection Date: 04/14/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	99.1
443	15.0 - 24.0% of mass 442	19.2 (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
SSTDICC2.5	SSTDICC2.5	BP024275.D	04/14/2025	11:06
SSTDICC005	SSTDICC005	BP024276.D	04/14/2025	11:47
SSTDICC010	SSTDICC010	BP024277.D	04/14/2025	12:27
SSTDICC020	SSTDICC020	BP024278.D	04/14/2025	13:08
SSTDICCC040	SSTDICCC040	BP024279.D	04/14/2025	13:49
SSTDICC050	SSTDICC050	BP024280.D	04/14/2025	15:10
SSTDICC060	SSTDICC060	BP024281.D	04/14/2025	16:32
SSTDICC080	SSTDICC080	BP024282.D	04/14/2025	17:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q1859 SDG NO.: Q1859

Lab File ID: BP024406.D DFTPP Injection Date: 04/24/2025

Instrument ID: BNA_P DFTPP Injection Time: 11:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.2
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30.1
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	42.2
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
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024407.D	04/24/2025	11:50
PB167711BL	PB167711BL	BP024408.D	04/24/2025	12:31
PB167711BS	PB167711BS	BP024409.D	04/24/2025	13:12

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG NO.: Q1859

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/23/2025

Lab File ID: BM050007.D Time Analyzed: 10:38

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	307209	7.763	1029600	10.56	636547	14.41
	UPPER LIMIT	614418	8.263	2059200	11.057	1273090	14.91
	LOWER LIMIT	153605	7.263	514800	10.057	318274	13.91
	EPA SAMPLE NO.						
01	72-12013MS	287884	7.76	952796	10.56	566920	14.41
02	72-12013MSD	270803	7.76	919060	10.56	576233	14.41
03	COMP-1	289051	7.76	1021680	10.56	677035	14.41
04	COMP-2	290826	7.76	982749	10.56	636055	14.41
05	COMP-3	282804	7.76	968402	10.56	646669	14.41

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.: Q1859 SAS No.: Q1859 SDG NO.: Q1859

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/23/2025

Lab File ID: BM050007.D Time Analyzed: 10:38

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1225580	17.157	1143350	21.398	1143260	24.403
	UPPER LIMIT	2451160	17.657	2286700	21.898	2286520	24.903
	LOWER LIMIT	612790	16.657	571675	20.898	571630	23.903
	EPA SAMPLE NO.						
01	72-12013MS	1079720	17.16	1168530	21.40	1272700	24.40
02	72-12013MSD	1111720	17.16	1219360	21.40	1284690	24.40
03	COMP-1	1421820	17.16	1426890	21.40	1475480	24.40
04	COMP-2	1255050	17.16	1294100	21.40	1384950	24.40
05	COMP-3	1334720	17.16	1370110	21.40	1431650	24.40

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.: Q1859 SAS No.: Q1859 SDG NO.: Q1859

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/24/2025

Lab File ID: BP024407.D Time Analyzed: 11:50

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	264641	7.716	1170080	10.49	779721	14.35
	UPPER LIMIT	529282	8.216	2340160	10.987	1559440	14.845
	LOWER LIMIT	132321	7.216	585040	9.987	389861	13.845
	EPA SAMPLE NO.						
01	PB167711BL	288156	7.72	1116360	10.49	654539	14.34
02	PB167711BS	253522	7.72	1075220	10.49	697166	14.35

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.: Q1859 SAS No.: Q1859 SDG NO.: Q1859

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/24/2025

Lab File ID: BP024407.D Time Analyzed: 11:50

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	1570090	17.145	1711310	21.592	1789710	24.91
	UPPER LIMIT	3140180	17.645	3422620	22.092	3579420	25.41
	LOWER LIMIT	785045	16.645	855655	21.092	894855	24.41
	EPA SAMPLE NO.						
01	PB167711BL	1181170	17.13	1074960	21.57	1210800	24.92
02	PB167711BS	1340060	17.15	1256050	21.59	1241820	24.90

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:	Lincoln High School	Date Received:	
Client Sample ID:	PB167711BL	SDG No.:	Q1859
Lab Sample ID:	PB167711BL	Matrix:	SOIL
Analytical Method:	SW8270	% 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
BP024408.D	1	04/23/25 09:20	04/24/25 12:31	PB167711

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	91.5		18 - 107	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.2		20 - 109	92%	SPK: 100
1718-51-0	Terphenyl-d14	98.5		10 - 105	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	288000	7.722			
1146-65-2	Naphthalene-d8	1120000	10.486			
15067-26-2	Acenaphthene-d10	655000	14.339			
1517-22-2	Phenanthrene-d10	1180000	17.133			
1719-03-5	Chrysene-d12	1070000	21.574			
1520-96-3	Perylene-d12	1210000	24.915			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Lincoln High School			Date Received:	
Client Sample ID:	PB167711BL			SDG No.:	Q1859
Lab Sample ID:	PB167711BL			Matrix:	SOIL
Analytical Method:	SW8270			% 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
BP024408.D	1	04/23/25 09:20	04/24/25 12:31	PB167711

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:	Lincoln High School	Date Received:	
Client Sample ID:	PB167711BS	SDG No.:	Q1859
Lab Sample ID:	PB167711BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
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
BP024409.D	1	04/23/25 09:20	04/24/25 13:12	PB167711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
129-00-0	Pyrene	1700		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	90.4		18 - 107	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.9		20 - 109	90%	SPK: 100
1718-51-0	Terphenyl-d14	101		10 - 105	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	254000	7.722			
1146-65-2	Naphthalene-d8	1080000	10.493			
15067-26-2	Acenaphthene-d10	697000	14.351			
1517-22-2	Phenanthrene-d10	1340000	17.145			
1719-03-5	Chrysene-d12	1260000	21.592			
1520-96-3	Perylene-d12	1240000	24.898			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Lincoln High School			Date Received:	
Client Sample ID:	PB167711BS			SDG No.:	Q1859
Lab Sample ID:	PB167711BS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
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
BP024409.D	1	04/23/25 09:20	04/24/25 13:12	PB167711

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:	04/22/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	72-12013MS	SDG No.:	Q1859
Lab Sample ID:	Q1852-07MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.2
Sample Wt/Vol:	50.07 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
BM050013.D	1	04/23/25 09:20	04/23/25 14:37	PB167711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	990		15.2	110	ug/Kg
86-73-7	Fluorene	1000		17.0	110	ug/Kg
85-01-8	Phenanthrene	1100		14.0	110	ug/Kg
120-12-7	Anthracene	1100		22.4	110	ug/Kg
129-00-0	Pyrene	1000		24.2	110	ug/Kg
56-55-3	Benzo(a)anthracene	1100		15.4	110	ug/Kg
218-01-9	Chrysene	1100		13.4	110	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		12.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		19.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		19.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		17.3	110	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	69.4		18 - 107	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.1		20 - 109	67%	SPK: 100
1718-51-0	Terphenyl-d14	65.1		10 - 105	65%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	288000	7.763			
1146-65-2	Naphthalene-d8	953000	10.557			
15067-26-2	Acenaphthene-d10	567000	14.41			
1517-22-2	Phenanthrene-d10	1080000	17.157			
1719-03-5	Chrysene-d12	1170000	21.398			
1520-96-3	Perylene-d12	1270000	24.397			

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	04/22/25
Project:	Lincoln High School			Date Received:	04/22/25
Client Sample ID:	72-12013MS			SDG No.:	Q1859
Lab Sample ID:	Q1852-07MS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	89.2
Sample Wt/Vol:	50.07	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
BM050013.D	1	04/23/25 09:20	04/23/25 14:37	PB167711

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:	04/22/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	72-12013MSD	SDG No.:	Q1859
Lab Sample ID:	Q1852-07MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.2
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
BM050014.D	1	04/23/25 09:20	04/23/25 15:16	PB167711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	970		15.3	110	ug/Kg
86-73-7	Fluorene	990		17.0	110	ug/Kg
85-01-8	Phenanthrene	1000		14.0	110	ug/Kg
120-12-7	Anthracene	1100		22.4	110	ug/Kg
129-00-0	Pyrene	990		24.2	110	ug/Kg
56-55-3	Benzo(a)anthracene	1100		15.5	110	ug/Kg
218-01-9	Chrysene	1000		13.4	110	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		12.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		19.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		19.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		17.3	110	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	68.6		18 - 107	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.7		20 - 109	64%	SPK: 100
1718-51-0	Terphenyl-d14	63.1		10 - 105	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	271000	7.763			
1146-65-2	Naphthalene-d8	919000	10.557			
15067-26-2	Acenaphthene-d10	576000	14.41			
1517-22-2	Phenanthrene-d10	1110000	17.157			
1719-03-5	Chrysene-d12	1220000	21.398			
1520-96-3	Perylene-d12	1280000	24.403			

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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder			Date Collected:	04/22/25
Project:	Lincoln High School			Date Received:	04/22/25
Client Sample ID:	72-12013MSD			SDG No.:	Q1859
Lab Sample ID:	Q1852-07MSD			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	89.2
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
BM050014.D	1	04/23/25 09:20	04/23/25 15:16	PB167711

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 MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 15 04:48:42 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024275.D 5 =BP024276.D 10 =BP024277.D 20 =BP024278.D 40 =BP024279.D 50 =BP024280.D 60 =BP024281.D 80 =BP0242
82.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.551	0.517	0.552	0.512	0.481	0.490	0.477	0.512	6.10
3)		Pyridine		1.265	1.280	1.422	1.396	1.333	1.383	1.378	1.351	4.43
4)		n-Nitrosodimet...		0.424	0.443	0.469	0.457	0.442	0.460	0.444	0.448	3.29
5)	S	2-Fluorophenol		1.123	1.145	1.262	1.254	1.210	1.277	1.196	1.210	4.93
6)		Aniline		1.439	1.487	1.636	1.587	1.403	1.428	1.380	1.480	6.52
7)	S	Phenol-d6		1.463	1.552	1.718	1.748	1.697	1.769	1.647	1.656	6.75
8)		2-Chlorophenol		1.260	1.297	1.412	1.399	1.359	1.400	1.328	1.350	4.30
9)		Benzaldehyde		0.943	0.934	0.942	0.836	0.732	0.726	0.621	0.819	15.70
10)	C	Phenol		1.475	1.565	1.720	1.750	1.698	1.779	1.643	1.661	6.54
11)		bis(2-Chloroet...		1.278	1.317	1.399	1.398	1.321	1.358	1.300	1.339	3.56
12)		1,3-Dichlorobe...		1.464	1.486	1.534	1.486	1.402	1.433	1.373	1.454	3.79
13)	C	1,4-Dichlorobe...		1.496	1.489	1.550	1.494	1.436	1.463	1.399	1.475	3.28
14)		1,2-Dichlorobe...		1.472	1.441	1.502	1.445	1.362	1.411	1.339	1.424	4.10
15)		Benzyl Alcohol		0.857	0.935	1.106	1.158	1.142	1.178	1.122	1.071	11.58
16)		2,2'-oxybis(1-...		1.452	1.496	1.517	1.514	1.405	1.397	1.348	1.447	4.54
17)		2-Methylphenol		0.915	1.002	1.123	1.140	1.105	1.150	1.087	1.075	7.97
18)		Hexachloroethane		0.532	0.537	0.558	0.542	0.521	0.533	0.510	0.533	2.88
19)	P	n-Nitroso-di-n...	0.941	1.008	1.008	1.088	1.084	1.041	1.038	0.989	1.025	4.76
20)		3+4-Methylphenols		1.224	1.365	1.560	1.592	1.567	1.607	1.525	1.491	9.57
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.470	0.487	0.522	0.519	0.490	0.495	0.483	0.495	3.85
23)	S	Nitrobenzene-d5		0.322	0.337	0.367	0.368	0.357	0.356	0.347	0.351	4.76
24)		Nitrobenzene		0.328	0.334	0.362	0.364	0.349	0.353	0.340	0.347	3.96
25)		Isophorone		0.575	0.601	0.653	0.673	0.650	0.654	0.639	0.635	5.41
26)	C	2-Nitrophenol		0.130	0.143	0.172	0.183	0.184	0.191	0.186	0.170	13.97
27)		2,4-Dimethylph...		0.180	0.194	0.219	0.226	0.225	0.228	0.221	0.213	8.81
28)		bis(2-Chloroet...		0.412	0.426	0.444	0.452	0.430	0.425	0.412	0.429	3.51
29)	C	2,4-Dichloroph...		0.242	0.268	0.297	0.308	0.307	0.311	0.302	0.291	8.94
30)		1,2,4-Trichlor...		0.308	0.305	0.318	0.321	0.309	0.315	0.306	0.311	2.00
31)		Naphthalene		1.044	1.054	1.091	1.079	1.037	1.048	1.023	1.054	2.27
32)		Benzoic acid			0.185	0.226	0.242	0.270	0.285	0.282	0.248	15.56
33)		4-Chloroaniline		0.328	0.349	0.389	0.397	0.378	0.379	0.378	0.371	6.46
34)	C	Hexachlorobuta...		0.181	0.181	0.186	0.189	0.181	0.182	0.182	0.183	1.62
35)		Caprolactam		0.085	0.092	0.111	0.112	0.115	0.121	0.115	0.107	12.53
36)	C	4-Chloro-3-met...		0.284	0.310	0.349	0.357	0.356	0.363	0.351	0.339	8.82
37)		2-Methylnaphth...		0.700	0.720	0.755	0.755	0.733	0.740	0.712	0.731	2.89
38)		1-Methylnaphth...		0.700	0.714	0.737	0.731	0.712	0.718	0.691	0.715	2.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.522	0.538	0.568	0.576	0.544	0.549	0.552	0.550	3.33
41)	P	Hexachlorocycl...	0.162	0.185	0.197	0.218	0.199	0.197	0.204	0.195	8.92
42)	S	2,4,6-Tribromo...	0.235	0.256	0.278	0.289	0.289	0.296	0.294	0.277	8.29
43)	C	2,4,6-Trichlor...	0.301	0.335	0.369	0.389	0.386	0.390	0.390	0.366	9.51
44)		2,4,5-Trichlor...	0.332	0.371	0.409	0.427	0.429	0.436	0.430	0.405	9.62
45)	S	2-Fluorobiphenyl	1.332	1.334	1.359	1.366	1.263	1.251	1.240	1.306	4.08
46)		1,1'-Biphenyl	1.454	1.489	1.528	1.529	1.434	1.428	1.429	1.470	3.07
47)		2-Chloronaphth...	1.063	1.100	1.135	1.139	1.085	1.090	1.078	1.099	2.60
48)		2-Nitroaniline	0.250	0.270	0.317	0.330	0.324	0.335	0.331	0.308	10.98
49)		Acenaphthylene	1.604	1.680	1.793	1.814	1.726	1.763	1.730	1.730	4.11
50)		Dimethylphthalate	1.429	1.416	1.495	1.495	1.460	1.460	1.426	1.454	2.22
51)		2,6-Dinitrotol...	0.264	0.290	0.319	0.325	0.319	0.328	0.317	0.309	7.58
52)	C	Acenaphthene	1.087	1.087	1.141	1.126	1.081	1.079	1.076	1.097	2.35
53)		3-Nitroaniline	0.250	0.289	0.338	0.354	0.342	0.340	0.358	0.325	12.25
54)	P	2,4-Dinitrophenol		0.125	0.163	0.186	0.196	0.210	0.211	0.182	18.22
55)		Dibenzofuran	1.801	1.807	1.871	1.833	1.746	1.768	1.723	1.793	2.84
56)	P	4-Nitrophenol	0.190	0.231	0.289	0.305	0.306	0.323	0.317	0.280	17.90
57)		2,4-Dinitrotol...	0.334	0.368	0.439	0.448	0.442	0.463	0.456	0.421	11.82
58)		Fluorene	1.376	1.397	1.454	1.398	1.368	1.366	1.356	1.388	2.40
59)		2,3,4,6-Tetrac...	0.327	0.351	0.380	0.389	0.387	0.390	0.389	0.373	6.57
60)		Diethylphthalate	1.451	1.484	1.528	1.550	1.499	1.499	1.481	1.499	2.16
61)		4-Chlorophenyl...	0.667	0.675	0.699	0.680	0.667	0.670	0.659	0.674	1.95
62)		4-Nitroaniline	0.263	0.300	0.353	0.369	0.364	0.380	0.376	0.344	12.99
63)		Azobenzene	1.269	1.383	1.446	1.431	1.385	1.385	1.344	1.378	4.26
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.095	0.118	0.131	0.134	0.140	0.138	0.126	13.50
66)	c	n-Nitrosodiphe...	0.567	0.585	0.616	0.630	0.591	0.608	0.580	0.597	3.71
67)		4-Bromophenyl-...	0.203	0.212	0.220	0.230	0.220	0.225	0.222	0.219	4.11
68)		Hexachlorobenzene	0.247	0.247	0.260	0.271	0.261	0.269	0.263	0.260	3.67
69)		Atrazine	0.176	0.167	0.134	0.121	0.162			0.152	15.57
70)	C	Pentachlorophenol	0.143	0.155	0.175	0.196	0.197	0.203	0.201	0.181	13.35
71)		Phenanthrene	1.098	1.086	1.117	1.127	1.070	1.082	1.058	1.091	2.27
72)		Anthracene	0.995	1.017	1.084	1.111	1.053	1.071	1.030	1.052	3.85
73)		Carbazole	0.968	0.998	1.060	1.084	1.014	1.037	1.031	1.027	3.78
74)		Di-n-butylphth...	1.147	1.230	1.253	1.398	1.310	1.338	1.284	1.280	6.30
75)	C	Fluoranthene	1.289	1.274	1.316	1.347	1.280	1.304	1.274	1.298	2.07
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.144	0.141	0.109	0.436	0.333	0.302	0.307	0.254	48.39
78)		Pyrene	1.192	1.236	1.345	1.305	1.294	1.305	1.219	1.271	4.38
79)	S	Terphenyl-d14	0.967	0.998	1.055	1.032	1.005	0.964	0.926	0.992	4.42
80)		Butylbenzylpht...	0.434	0.488	0.546	0.596	0.580	0.593	0.574	0.544	11.25
81)		Benzo(a)anthra...	1.195	1.214	1.292	1.293	1.234	1.253	1.221	1.243	3.08
82)		3,3'-Dichlorob...	0.345	0.383	0.431	0.486	0.463	0.485	0.460	0.436	12.30
83)		Chrysene	1.180	1.181	1.229	1.213	1.173	1.193	1.167	1.191	1.88
84)		Bis(2-ethylhex...	0.639	0.735	0.779	0.893	0.853	0.867	0.819	0.798	11.09
85)	c	Di-n-octyl pht...	0.945	1.093	1.222	1.461	1.430	1.486	1.446	1.297	16.46

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.252	1.304	1.407	1.444	1.401	1.445	1.466	1.388	5.77
88)		Benzo(b)fluora...	1.130	1.174	1.217	1.258	1.196	1.205	1.212	1.199	3.30
89)		Benzo(k)fluora...	1.088	1.131	1.217	1.212	1.154	1.166	1.138	1.158	3.94
90)	C	Benzo(a)pyrene	0.939	0.971	1.057	1.091	1.053	1.070	1.058	1.034	5.44
91)		Dibenzo(a,h)an...	1.046	1.089	1.172	1.203	1.169	1.186	1.202	1.152	5.28
92)		Benzo(g,h,i)pe...	1.073	1.110	1.198	1.218	1.180	1.209	1.224	1.173	4.99

(#) = Out of Range

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 09 04:00:55 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM049848.D 5 =BM049849.D 10 =BM049850.D 20 =BM049851.D 40 =BM049852.D 50 =BM049853.D 60 =BM049854.D 80 =BM0498
55.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	ISTD									
2)		1,4-Dioxane		0.497	0.470	0.501	0.488	0.486	0.471	0.483	0.485	2.47
3)		Pyridine		1.262	1.220	1.322	1.287	1.276	1.278	1.276	1.274	2.40
4)		n-Nitrosodimet...		0.478	0.461	0.496	0.489	0.484	0.500	0.488	0.485	2.67
5)	S	2-Fluorophenol		1.145	1.144	1.213	1.191	1.165	1.210	1.177	1.178	2.40
6)		Aniline		1.304	1.315	1.396	1.325	1.153	1.142	1.154	1.256	8.22
7)	S	Phenol-d6		1.391	1.392	1.523	1.491	1.433	1.543	1.485	1.465	4.15
8)		2-Chlorophenol		1.180	1.191	1.250	1.218	1.174	1.239	1.199	1.207	2.42
9)		Benzaldehyde		0.873	0.830	0.838	0.750	0.712	0.701	0.561	0.752	14.25
10)	C	Phenol		1.376	1.370	1.482	1.441	1.394	1.496	1.451	1.430	3.56
11)		bis(2-Chloroet...		1.113	1.084	1.147	1.135	1.096	1.160	1.114	1.121	2.45
12)		1,3-Dichlorobe...		1.417	1.391	1.475	1.438	1.418	1.441	1.409	1.427	1.90
13)	C	1,4-Dichlorobe...		1.418	1.399	1.488	1.453	1.412	1.455	1.426	1.436	2.15
14)		1,2-Dichlorobe...		1.348	1.325	1.402	1.374	1.324	1.359	1.334	1.352	2.12
15)		Benzyl Alcohol		0.852	0.857	0.950	0.953	0.904	0.993	0.951	0.923	5.79
16)		2,2'-oxybis(1-...		1.268	1.235	1.312	1.267	1.192	1.261	1.214	1.250	3.18
17)		2-Methylphenol		0.858	0.856	0.916	0.891	0.850	0.920	0.877	0.881	3.29
18)		Hexachloroethane		0.505	0.494	0.520	0.504	0.486	0.501	0.488	0.500	2.32
19)	P	n-Nitroso-di-n...	0.760	0.786	0.783	0.860	0.836	0.793	0.859	0.816	0.812	4.60
20)		3+4-Methylphenols		1.140	1.142	1.246	1.224	1.170	1.272	1.215	1.201	4.31
21)	I	Naphthalene-d8	ISTD									
22)		Acetophenone		0.463	0.477	0.496	0.498	0.482	0.494	0.493	0.486	2.64
23)	S	Nitrobenzene-d5		0.335	0.344	0.366	0.368	0.361	0.370	0.371	0.359	3.96
24)		Nitrobenzene		0.329	0.329	0.354	0.356	0.345	0.353	0.354	0.346	3.49
25)		Isophorone		0.569	0.568	0.613	0.616	0.598	0.628	0.620	0.602	4.05
26)	C	2-Nitrophenol		0.162	0.165	0.183	0.189	0.190	0.197	0.197	0.183	7.91
27)		2,4-Dimethylph...		0.185	0.194	0.208	0.213	0.212	0.221	0.221	0.208	6.48
28)		bis(2-Chloroet...		0.386	0.386	0.411	0.410	0.399	0.415	0.412	0.403	3.08
29)	C	2,4-Dichloroph...		0.319	0.320	0.348	0.353	0.349	0.364	0.364	0.345	5.45
30)		1,2,4-Trichlor...		0.386	0.380	0.401	0.404	0.399	0.412	0.413	0.399	3.11
31)		Naphthalene		1.004	0.990	1.045	1.042	1.019	1.050	1.045	1.028	2.32
32)		Benzoic acid			0.109	0.175	0.230	0.240	0.283	0.283	0.220	30.63
33)		4-Chloroaniline		0.348	0.351	0.376	0.380	0.359	0.359	0.366	0.363	3.34
34)	C	Hexachlorobuta...		0.238	0.236	0.245	0.249	0.249	0.255	0.258	0.247	3.33
35)		Caprolactam		0.093	0.089	0.100	0.102	0.099	0.107	0.104	0.099	6.29
36)	C	4-Chloro-3-met...		0.277	0.276	0.305	0.309	0.303	0.326	0.321	0.302	6.41
37)		2-Methylnaphth...		0.683	0.685	0.729	0.734	0.721	0.762	0.755	0.724	4.23
38)		1-Methylnaphth...		0.680	0.659	0.711	0.713	0.703	0.739	0.732	0.705	3.97

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM040825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.664	0.662	0.697	0.706	0.711	0.721	0.737	0.700	4.02
41)	P	Hexachlorocycl...	0.214	0.223	0.247	0.264	0.260	0.258	0.251	0.245	7.86
42)	S	2,4,6-Tribromo...	0.258	0.255	0.280	0.294	0.298	0.323	0.328	0.291	9.94
43)	C	2,4,6-Trichlor...	0.417	0.420	0.444	0.459	0.449	0.459	0.468	0.445	4.46
44)		2,4,5-Trichlor...	0.465	0.452	0.472	0.500	0.483	0.504	0.510	0.484	4.52
45)	S	2-Fluorobiphenyl	1.425	1.414	1.499	1.515	1.486	1.482	1.504	1.475	2.68
46)		1,1'-Biphenyl	1.451	1.429	1.514	1.528	1.480	1.490	1.515	1.487	2.45
47)		2-Chloronaphth...	1.140	1.144	1.188	1.194	1.163	1.162	1.189	1.169	1.88
48)		2-Nitroaniline	0.232	0.242	0.272	0.283	0.281	0.286	0.295	0.270	8.83
49)		Acenaphthylene	1.627	1.613	1.718	1.742	1.711	1.735	1.768	1.702	3.46
50)		Dimethylphthalate	1.366	1.331	1.430	1.438	1.411	1.446	1.455	1.411	3.27
51)		2,6-Dinitrotol...	0.249	0.265	0.303	0.310	0.305	0.317	0.320	0.296	9.38
52)	C	Acenaphthene	1.027	1.023	1.089	1.113	1.089	1.110	1.127	1.083	3.83
53)		3-Nitroaniline	0.236	0.253	0.290	0.310	0.295	0.295	0.321	0.286	10.64
54)	P	2,4-Dinitrophenol		0.097	0.148	0.184	0.194	0.212	0.216	0.175	26.04
55)		Dibenzofuran	1.737	1.709	1.821	1.845	1.815	1.862	1.879	1.810	3.52
56)	P	4-Nitrophenol	0.195	0.213	0.257	0.270	0.273	0.286	0.288	0.255	14.34
57)		2,4-Dinitrotol...	0.309	0.333	0.395	0.421	0.420	0.440	0.443	0.394	13.45
58)		Fluorene	1.354	1.335	1.450	1.481	1.456	1.489	1.505	1.439	4.67
59)		2,3,4,6-Tetrac...	0.418	0.397	0.416	0.427	0.420	0.440	0.452	0.424	4.21
60)		Diethylphthalate	1.311	1.270	1.378	1.390	1.347	1.378	1.397	1.353	3.46
61)		4-Chlorophenyl...	0.699	0.694	0.761	0.789	0.791	0.830	0.836	0.771	7.43
62)		4-Nitroaniline	0.227	0.247	0.301	0.320	0.316	0.327	0.331	0.295	14.02
63)		Azobenzene	1.077	1.085	1.185	1.202	1.167	1.192	1.200	1.158	4.67
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.094	0.119	0.132	0.133	0.138	0.140	0.126	13.60
66)	c	n-Nitrosodiphe...	0.561	0.578	0.606	0.619	0.602	0.610	0.614	0.599	3.54
67)		4-Bromophenyl-...	0.212	0.212	0.227	0.239	0.237	0.247	0.252	0.232	6.83
68)		Hexachlorobenzene	0.249	0.250	0.262	0.273	0.268	0.279	0.284	0.266	5.08
69)		Atrazine	0.186	0.177	0.142	0.130	0.142			0.155	15.89
70)	C	Pentachlorophenol	0.181	0.186	0.191	0.204	0.197	0.204	0.210	0.196	5.46
71)		Phenanthrene	1.031	1.030	1.095	1.133	1.104	1.135	1.147	1.096	4.41
72)		Anthracene	0.997	1.004	1.074	1.125	1.099	1.125	1.140	1.081	5.41
73)		Carbazole	0.922	0.952	1.024	1.059	1.038	1.060	1.071	1.018	5.69
74)		Di-n-butylphth...	1.119	1.120	1.189	1.216	1.176	1.191	1.196	1.172	3.22
75)	C	Fluoranthene	1.187	1.206	1.310	1.387	1.395	1.463	1.488	1.348	8.78
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.319	0.260	0.205	0.403	0.163	0.150	0.357	0.265	36.93
78)		Pyrene	1.310	1.280	1.395	1.408	1.393	1.419	1.443	1.378	4.35
79)	S	Terphenyl-d14	0.988	1.004	1.139	1.187	1.142	1.007	1.004	1.067	7.91
80)		Butylbenzylpht...	0.502	0.500	0.537	0.536	0.511	0.516	0.523	0.518	2.88
81)		Benzo(a)anthra...	1.237	1.226	1.335	1.362	1.345	1.391	1.408	1.329	5.38
82)		3,3'-Dichlorob...	0.428	0.450	0.492	0.526	0.516	0.538	0.565	0.502	9.74
83)		Chrysene	1.179	1.173	1.261	1.292	1.277	1.318	1.346	1.264	5.21
84)		Bis(2-ethylhex...	0.758	0.747	0.790	0.783	0.740	0.727	0.737	0.755	3.16
85)	c	Di-n-octyl pht...	1.291	1.287	1.366	1.362	1.307	1.311	1.316	1.320	2.42

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM040825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.375	1.368	1.480	1.507	1.523	1.577	1.606	1.491	6.16
88)		Benzo(b)fluora...	1.141	1.157	1.223	1.308	1.313	1.379	1.420	1.277	8.40
89)		Benzo(k)fluora...	1.132	1.122	1.209	1.242	1.263	1.336	1.362	1.238	7.46
90)	C	Benzo(a)pyrene	1.011	1.026	1.096	1.130	1.154	1.209	1.230	1.122	7.50
91)		Dibenzo(a,h)an...	1.128	1.128	1.205	1.244	1.258	1.301	1.331	1.228	6.43
92)		Benzo(g,h,i)pe...	1.178	1.179	1.255	1.265	1.269	1.310	1.328	1.255	4.65

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG No.: Q1859

Instrument ID: BNA_M Calibration Date/Time: 04/23/2025 10:38

Lab File ID: BM050007.D Init. Calib. Date(s): 04/08/2025 04/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:35 20:07

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.178	1.114		-5.4	
Phenol-d6	1.465	1.377		-6.0	
Nitrobenzene-d5	0.359	0.354		-1.4	
Naphthalene	1.028	0.987		-4.0	
2-Fluorobiphenyl	1.475	1.485		0.7	
Fluorene	1.439	1.386		-3.7	
2,4,6-Tribromophenol	0.291	0.283		-2.7	
Phenanthrene	1.096	1.052		-4.0	
Anthracene	1.081	1.051		-2.8	
Pyrene	1.378	1.424		3.3	
Terphenyl-d14	1.067	1.201		12.5	
Benzo(a)anthracene	1.329	1.296		-2.5	
Chrysene	1.264	1.209		-4.4	
Benzo(b)fluoranthene	1.277	1.250		-2.1	
Benzo(a)pyrene	1.122	1.069		-4.7	20.0
Indeno(1,2,3-cd)pyrene	1.491	1.378		-7.6	
Benzo(g,h,i)perylene	1.255	1.140		-9.2	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG No.: Q1859

Instrument ID: BNA_P Calibration Date/Time: 04/24/2025 11:50

Lab File ID: BP024407.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.210	1.166		-3.6	
Phenol-d6	1.656	1.634		-1.3	
Nitrobenzene-d5	0.351	0.345		-1.7	
Naphthalene	1.054	1.023		-2.9	
2-Fluorobiphenyl	1.306	1.284		-1.7	
Fluorene	1.388	1.375		-0.9	
2,4,6-Tribromophenol	0.277	0.310		11.9	
Phenanthrene	1.091	1.052		-3.6	
Anthracene	1.052	1.054		0.2	
Pyrene	1.271	1.226		-3.5	
Terphenyl-d14	0.992	0.979		-1.3	
Benzo(a)anthracene	1.243	1.201		-3.4	
Chrysene	1.191	1.138		-4.4	
Benzo(b)fluoranthene	1.199	1.201		0.2	
Benzo(a)pyrene	1.034	1.017		-1.6	20.0
Indeno(1,2,3-cd)pyrene	1.388	1.197		-13.8	
Benzo(g,h,i)perylene	1.173	0.988		-15.8	

All other compounds must meet a minimum RRF of 0.010.

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LAB CHRONICLE

OrderID:	Q1859	**OrderDate:**	4/22/2025 2:55:00 PM
Client:	Kleinfelder	**Project:**	Lincoln High School
Contact:	Mark Warchol	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1859-01	**COMP-1**	**SOIL**			**04/18/25**			**04/22/25**
			PCB Group1	8082A		04/23/25	04/23/25	
			PESTICIDE Group1	8081B		04/23/25	04/28/25	
Q1859-02	**COMP-2**	**SOIL**			**04/18/25**			**04/22/25**
			PCB Group1	8082A		04/23/25	04/23/25	
			PESTICIDE Group1	8081B		04/23/25	04/28/25	
Q1859-03	**COMP-3**	**SOIL**			**04/18/25**			**04/22/25**
			PCB Group1	8082A		04/23/25	04/23/25	
			PESTICIDE Group1	8081B		04/23/25	04/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1859 **Order ID:** Q1859

Client: Kleinfelder **Project ID:** Lincoln High School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
Q1859-01	COMP-1	SOIL	Dieldrin	0.29	JP	0.18	2.10	ug/kg
			Total Concentration:	**0.290**				

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-1	SDG No.:	Q1859
Lab Sample ID:	Q1859-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	79.6 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088296.D	1	04/23/25 08:35	04/28/25 11:13	PB167709

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.15	U	0.15	2.10	ug/kg
60-57-1	Dieldrin	0.29	JP	0.18	2.10	ug/kg
72-55-9	4,4-DDE	0.18	U	0.18	2.10	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	2.10	ug/kg
50-29-3	4,4-DDT	0.18	U	0.18	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	9.17		20 - 144	46%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.1		19 - 148	85%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-2	SDG No.:	Q1859
Lab Sample ID:	Q1859-02	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	83.2 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088297.D	1	04/23/25 08:35	04/28/25 11:26	PB167709

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	12.3		20 - 144	62%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		19 - 148	90%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
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LOD = Limit of Detection
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-3	SDG No.:	Q1859
Lab Sample ID:	Q1859-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	85.6 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088298.D	1	04/23/25 08:35	04/28/25 11:40	PB167709

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	2.00	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	2.00	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	2.00	ug/kg
50-29-3	4,4-DDT	0.16	U	0.16	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.3		20 - 144	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		19 - 148	87%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
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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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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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

Surrogate Summary

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PD088121.D	PIBLK-PD088121.D	Decachlorobiphenyl	1	20	22.9	115		43	140
		Tetrachloro-m-xylene	1	20	20.1	101		77	126
		Decachlorobiphenyl	2	20	22.7	113		43	140
		Tetrachloro-m-xylene	2	20	20.9	104		77	126
I.BLK-PD088231.D	PIBLK-PD088231.D	Decachlorobiphenyl	1	20	18.4	92		43	140
		Tetrachloro-m-xylene	1	20	19.0	95		77	126
		Decachlorobiphenyl	2	20	17.7	88		43	140
		Tetrachloro-m-xylene	2	20	18.9	94		77	126
PB167709BL	PB167709BL	Decachlorobiphenyl	1	20	18.3	92		20	144
		Tetrachloro-m-xylene	1	20	17.9	89		19	148
		Decachlorobiphenyl	2	20	17.0	85		20	144
		Tetrachloro-m-xylene	2	20	18.5	92		19	148
PB167709BS	PB167709BS	Decachlorobiphenyl	1	20	19.8	99		20	144
		Tetrachloro-m-xylene	1	20	18.8	94		19	148
		Decachlorobiphenyl	2	20	18.8	94		20	144
		Tetrachloro-m-xylene	2	20	19.1	96		19	148
I.BLK-PD088246.D	PIBLK-PD088246.D	Decachlorobiphenyl	1	20	17.9	89		43	140
		Tetrachloro-m-xylene	1	20	18.9	94		77	126
		Decachlorobiphenyl	2	20	17.1	85		43	140
		Tetrachloro-m-xylene	2	20	18.6	93		77	126
I.BLK-PD088288.D	PIBLK-PD088288.D	Decachlorobiphenyl	1	20	18.0	90		43	140
		Tetrachloro-m-xylene	1	20	17.5	88		77	126
		Decachlorobiphenyl	2	20	16.4	82		43	140
		Tetrachloro-m-xylene	2	20	17.2	86		77	126
Q1858-02MS	COMP-2MS	Decachlorobiphenyl	1	20	15.0	75		20	144
		Tetrachloro-m-xylene	1	20	16.8	84		19	148
		Decachlorobiphenyl	2	20	13.0	65		20	144
		Tetrachloro-m-xylene	2	20	16.9	85		19	148
Q1858-02MSD	COMP-2MSD	Decachlorobiphenyl	1	20	15.2	76		20	144
		Tetrachloro-m-xylene	1	20	16.8	84		19	148
		Decachlorobiphenyl	2	20	12.6	63		20	144
		Tetrachloro-m-xylene	2	20	17.0	85		19	148
Q1859-01	COMP-1	Decachlorobiphenyl	1	20	9.17	46		20	144
		Tetrachloro-m-xylene	1	20	17.1	85		19	148
		Decachlorobiphenyl	2	20	6.94	35		20	144
		Tetrachloro-m-xylene	2	20	16.6	83		19	148
Q1859-02	COMP-2	Decachlorobiphenyl	1	20	12.3	62		20	144
		Tetrachloro-m-xylene	1	20	18.1	90		19	148
		Decachlorobiphenyl	2	20	10.6	53		20	144
		Tetrachloro-m-xylene	2	20	17.9	89		19	148
Q1859-03	COMP-3	Decachlorobiphenyl	1	20	15.3	76		20	144

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Surrogate Summary

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1859-03	COMP-3	Tetrachloro-m-xylene	1	20	17.5	87		19	148
		Decachlorobiphenyl	2	20	11.1	55		20	144
		Tetrachloro-m-xylene	2	20	17.1	86		19	148
I.BLK-PD088302.D	PIBLK-PD088302.D	Decachlorobiphenyl	1	20	17.6	88		43	140
		Tetrachloro-m-xylene	1	20	18.1	91		77	126
		Decachlorobiphenyl	2	20	12.7	63		43	140
		Tetrachloro-m-xylene	2	20	17.7	89		77	126

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8081B **DataFile :** PD088293.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**COMP-2MS**											
Q1858-02MS	Aldrin	20.49	0	18.0	ug/kg	88				49	139	
	Dieldrin	20.49	0.5976	18.1	ug/kg	85				47	161	
	4,4'-DDE	20.49	0	16.1	ug/kg	79				55	136	
	4,4'-DDD	20.49	0	17.7	ug/kg	86				47	163	
	4,4'-DDT	20.49	0	16.8	ug/kg	82				51	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8081B **DataFile :** PD088294.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**COMP-2MSD**											
Q1858-02MSD	Aldrin	20.48	0	17.9	ug/kg	87		1		49	139	20
	Dieldrin	20.48	0.5976	18.0	ug/kg	85		0		47	161	20
	4,4'-DDE	20.48	0	16.2	ug/kg	79		0		55	136	20
	4,4'-DDD	20.48	0	17.4	ug/kg	85		1		47	163	20
	4,4'-DDT	20.48	0	16.5	ug/kg	81		1		51	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8081B **Datafile :** PD088239.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167709BS	Aldrin	16.66	16.4	ug/kg	98				82	124	
	Dieldrin	16.66	16.6	ug/kg	100				85	121	
	4,4'-DDE	16.66	16.1	ug/kg	97				81	123	
	4,4'-DDD	16.66	16.7	ug/kg	100				80	131	
	4,4'-DDT	16.66	15.3	ug/kg	92				70	129	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167709BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG NO.: Q1859

Lab Sample ID: PB167709BL Lab File ID: PD088238.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 04/23/2025

Date Analyzed (1): 04/23/2025 Date Analyzed (2): 04/23/2025

Time Analyzed (1): 12:45 Time Analyzed (2): 12:45

Instrument ID (1): ECD_D Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB167709BS	PB167709BS	PD088239.D	04/23/2025	04/23/2025
COMP-2MS	Q1858-02MS	PD088293.D	04/28/2025	04/28/2025
COMP-2MSD	Q1858-02MSD	PD088294.D	04/28/2025	04/28/2025
COMP-1	Q1859-01	PD088296.D	04/28/2025	04/28/2025
COMP-2	Q1859-02	PD088297.D	04/28/2025	04/28/2025
COMP-3	Q1859-03	PD088298.D	04/28/2025	04/28/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Lincoln High School	Date Received:	
Client Sample ID:	PB167709BL	SDG No.:	Q1859
Lab Sample ID:	PB167709BL	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088238.D	1	04/23/25 08:35	04/23/25 12:45	PB167709

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.12	U	0.12	1.70	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.70	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.70	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.70	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.3		20 - 144	92%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		19 - 148	92%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/18/25
Client Sample ID:	PIBLK-PD088121.D	SDG No.:	Q1859
Lab Sample ID:	I.BLK-PD088121.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088121.D	1		04/18/25	PD041825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.9		43 - 140	115%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.9		77 - 126	104%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/23/25
Project:	Lincoln High School	Date Received:	04/23/25
Client Sample ID:	PIBLK-PD088231.D	SDG No.:	Q1859
Lab Sample ID:	I.BLK-PD088231.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088231.D	1		04/23/25	pd042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.4		43 - 140	92%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		77 - 126	95%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/23/25
Project:	Lincoln High School	Date Received:	04/23/25
Client Sample ID:	PIBLK-PD088246.D	SDG No.:	Q1859
Lab Sample ID:	I.BLK-PD088246.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088246.D	1		04/23/25	pd042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.9		43 - 140	89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		77 - 126	94%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/28/25
Project:	Lincoln High School	Date Received:	04/28/25
Client Sample ID:	PIBLK-PD088288.D	SDG No.:	Q1859
Lab Sample ID:	I.BLK-PD088288.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088288.D	1		04/28/25	pd042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.0		43 - 140	90%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		77 - 126	88%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/28/25
Project:	Lincoln High School	Date Received:	04/28/25
Client Sample ID:	PIBLK-PD088302.D	SDG No.:	Q1859
Lab Sample ID:	I.BLK-PD088302.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088302.D	1		04/28/25	pd042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		43 - 140	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		77 - 126	91%	SPK: 20

Comments:

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MDL = Method Detection Limit
LOD = Limit of Detection
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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Lincoln High School	Date Received:	
Client Sample ID:	PB167709BS	SDG No.:	Q1859
Lab Sample ID:	PB167709BS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088239.D	1	04/23/25 08:35	04/23/25 12:59	PB167709

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	16.4		0.12	1.70	ug/kg
60-57-1	Dieldrin	16.6		0.14	1.70	ug/kg
72-55-9	4,4-DDE	16.1		0.14	1.70	ug/kg
72-54-8	4,4-DDD	16.7		0.15	1.70	ug/kg
50-29-3	4,4-DDT	15.3		0.14	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.8		20 - 144	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		19 - 148	96%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
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() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Instrument ID: ECD_D **Calibration Date(s):** 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD088124.D RT 075 = PD088125.D

RT 050 = PD088126.D RT 025 = PD088127.D RT 005 = PD088128.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
4,4'-DDE	6.20	6.20	6.20	6.20	6.20	6.20	6.10	6.30
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.27	5.27	5.27	5.27	5.27	5.27	5.17	5.37
Decachlorobiphenyl	9.08	9.07	9.08	9.08	9.08	9.07	8.97	9.17
Dieldrin	6.35	6.35	6.35	6.35	6.35	6.35	6.25	6.45
Tetrachloro-m-xylene	3.55	3.55	3.55	3.55	3.55	3.55	3.45	3.65

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Instrument ID: ECD_D **Calibration Date(s):** 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD088124.D RT 075 = PD088125.D

RT 050 = PD088126.D RT 025 = PD088127.D RT 005 = PD088128.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.95	5.93	5.93	5.93	5.93	5.94	5.84	6.04
4,4'-DDE	5.40	5.38	5.38	5.38	5.38	5.38	5.28	5.48
4,4'-DDT	6.20	6.19	6.19	6.19	6.19	6.19	6.09	6.29
Aldrin	4.39	4.37	4.37	4.37	4.37	4.38	4.28	4.48
Decachlorobiphenyl	8.09	8.08	8.08	8.08	8.08	8.08	7.98	8.18
Dieldrin	5.53	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Tetrachloro-m-xylene	2.90	2.88	2.88	2.88	2.88	2.89	2.79	2.99

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Instrument ID: ECD_D

Calibration Date(s): 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD088124.D **CF 075 =** PD088125.D

CF 050 = PD088126.D **CF 025 =** PD088127.D **CF 005 =** PD088128.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2657600000	2587000000	2495010000	2376000000	2459180000	2514960000	4
4,4'-DDE	3466910000	3527170000	3240150000	3071100000	3185920000	3298250000	6
4,4'-DDT	2923480000	2868140000	2755010000	2629860000	2711210000	2777540000	4
Aldrin	4191470000	4069870000	3911790000	3719150000	3855640000	3949580000	5
Decachlorobiphenyl	3080820000	3141130000	3178140000	3290360000	3850090000	3308110000	9
Dieldrin	3750160000	3656120000	3530390000	3371440000	3534380000	3568500000	4
Tetrachloro-m-xylene	1982340000	2006790000	1938680000	1923660000	2135510000	1997400000	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Instrument ID: ECD_D

Calibration Date(s): 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD088124.D **CF 075 =** PD088125.D

CF 050 = PD088126.D **CF 025 =** PD088127.D **CF 005 =** PD088128.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	15154700000	15403900000	15792200000	16361000000	19219200000	16386200000	10
4,4'-DDE	18345500000	18580000000	18872600000	19581800000	23090100000	19694000000	10
4,4'-DDT	16431600000	16496500000	16745700000	17063800000	18344900000	17016500000	5
Aldrin	19439700000	19604700000	20000000000	20715500000	24254000000	20802800000	10
Decachlorobiphenyl	16767000000	17098200000	17470300000	18387600000	22674800000	18479600000	13
Dieldrin	18536800000	18713100000	19146400000	19886400000	23381600000	19932900000	10
Tetrachloro-m-xylene	13615300000	13685800000	14010800000	14551200000	17245000000	14621600000	10

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 09:55 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.09	9.08	8.98	9.18	-0.01
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
Aldrin	5.28	5.27	5.17	5.37	-0.01
Dieldrin	6.36	6.35	6.25	6.45	-0.01
4,4'-DDE	6.21	6.20	6.10	6.30	-0.01
4,4'-DDD	6.72	6.71	6.61	6.81	-0.01
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 09:55 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Dieldrin	5.52	5.52	5.42	5.62	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.19	6.19	6.09	6.29	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/23/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088233.D **Time Analyzed:** 09:55

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.715	6.606	6.806	52.650	50.000	5.3
4,4'-DDE	6.206	6.097	6.297	51.060	50.000	2.1
4,4'-DDT	7.031	6.922	7.122	47.170	50.000	-5.7
Aldrin	5.281	5.173	5.373	52.870	50.000	5.7
Decachlorobiphenyl	9.085	8.975	9.175	45.570	50.000	-8.9
Dieldrin	6.357	6.249	6.449	52.670	50.000	5.3
Tetrachloro-m-xylene	3.558	3.452	3.652	51.590	50.000	3.2

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/23/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088233.D **Time Analyzed:** 09:55

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.934	5.834	6.034	47.660	50.000	-4.7
4,4'-DDE	5.379	5.280	5.480	46.970	50.000	-6.1
4,4'-DDT	6.188	6.088	6.288	43.900	50.000	-12.2
Aldrin	4.371	4.273	4.473	47.670	50.000	-4.7
Decachlorobiphenyl	8.077	7.977	8.177	42.400	50.000	-15.2
Dieldrin	5.516	5.417	5.617	47.120	50.000	-5.8
Tetrachloro-m-xylene	2.881	2.783	2.983	47.500	50.000	-5.0

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 15:05 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.08	8.98	9.18	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
Aldrin	5.27	5.27	5.17	5.37	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 15:05 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Dieldrin	5.52	5.52	5.42	5.62	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.19	6.19	6.09	6.29	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/23/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088247.D **Time Analyzed:** 15:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.706	6.606	6.806	52.770	50.000	5.5
4,4'-DDE	6.197	6.097	6.297	50.980	50.000	2.0
4,4'-DDT	7.022	6.922	7.122	43.090	50.000	-13.8
Aldrin	5.273	5.173	5.373	53.250	50.000	6.5
Decachlorobiphenyl	9.074	8.975	9.175	45.670	50.000	-8.7
Dieldrin	6.348	6.249	6.449	52.360	50.000	4.7
Tetrachloro-m-xylene	3.552	3.452	3.652	52.160	50.000	4.3

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/23/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088247.D **Time Analyzed:** 15:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.932	5.834	6.034	48.840	50.000	-2.3
4,4'-DDE	5.379	5.280	5.480	47.620	50.000	-4.8
4,4'-DDT	6.187	6.088	6.288	41.100	50.000	-17.8
Aldrin	4.372	4.273	4.473	48.470	50.000	-3.1
Decachlorobiphenyl	8.076	7.977	8.177	40.830	50.000	-18.3
Dieldrin	5.516	5.417	5.617	47.670	50.000	-4.7
Tetrachloro-m-xylene	2.883	2.783	2.983	48.850	50.000	-2.3

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 09:46 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.08	8.98	9.18	0.00
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
Aldrin	5.28	5.27	5.17	5.37	-0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 09:46 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Dieldrin	5.52	5.52	5.42	5.62	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.19	6.19	6.09	6.29	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088290.D **Time Analyzed:** 09:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.711	6.606	6.806	50.200	50.000	0.4
4,4'-DDE	6.203	6.097	6.297	49.670	50.000	-0.7
4,4'-DDT	7.027	6.922	7.122	49.970	50.000	-0.1
Aldrin	5.278	5.173	5.373	49.760	50.000	-0.5
Decachlorobiphenyl	9.079	8.975	9.175	45.380	50.000	-9.2
Dieldrin	6.353	6.249	6.449	50.890	50.000	1.8
Tetrachloro-m-xylene	3.556	3.452	3.652	48.690	50.000	-2.6

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088290.D **Time Analyzed:** 09:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.932	5.834	6.034	44.700	50.000	-10.6
4,4'-DDE	5.378	5.280	5.480	45.050	50.000	-9.9
4,4'-DDT	6.187	6.088	6.288	45.420	50.000	-9.2
Aldrin	4.371	4.273	4.473	45.140	50.000	-9.7
Decachlorobiphenyl	8.076	7.977	8.177	40.250	50.000	-19.5
Dieldrin	5.516	5.417	5.617	45.200	50.000	-9.6
Tetrachloro-m-xylene	2.880	2.783	2.983	44.950	50.000	-10.1

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 15:10 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.08	8.98	9.18	0.00
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
Aldrin	5.28	5.27	5.17	5.37	-0.01
Dieldrin	6.36	6.35	6.25	6.45	-0.01
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 15:10 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Dieldrin	5.52	5.52	5.42	5.62	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.19	6.19	6.09	6.29	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088303.D **Time Analyzed:** 15:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.714	6.606	6.806	52.640	50.000	5.3
4,4'-DDE	6.204	6.097	6.297	50.750	50.000	1.5
4,4'-DDT	7.030	6.922	7.122	46.560	50.000	-6.9
Aldrin	5.280	5.173	5.373	53.300	50.000	6.6
Decachlorobiphenyl	9.083	8.975	9.175	45.920	50.000	-8.2
Dieldrin	6.356	6.249	6.449	52.730	50.000	5.5
Tetrachloro-m-xylene	3.558	3.452	3.652	51.300	50.000	2.6

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088303.D **Time Analyzed:** 15:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.933	5.834	6.034	47.040	50.000	-5.9
4,4'-DDE	5.379	5.280	5.480	47.880	50.000	-4.2
4,4'-DDT	6.188	6.088	6.288	43.610	50.000	-12.8
Aldrin	4.372	4.273	4.473	48.020	50.000	-4.0
Decachlorobiphenyl	8.077	7.977	8.177	40.440	50.000	-19.1
Dieldrin	5.517	5.417	5.617	47.610	50.000	-4.8
Tetrachloro-m-xylene	2.881	2.783	2.983	47.960	50.000	-4.1

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088122.D **Date Analyzed:** 04/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 13:29

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.075	8.970	9.180	23.220	20.000	16.1
Tetrachloro-m-xylene	3.551	3.500	3.600	21.610	20.000	8.1
alpha-BHC	4.000	3.950	4.050	9.950	10.000	-0.5
beta-BHC	4.516	4.470	4.570	11.360	10.000	13.6
gamma-BHC (Lindane)	4.331	4.280	4.380	10.480	10.000	4.8
Endrin	6.576	6.510	6.650	51.530	50.000	3.1
4,4'-DDT	7.023	6.950	7.090	110.510	100.000	10.5
Methoxychlor	7.494	7.420	7.560	265.100	250.000	6.0

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088122.D **Date Analyzed:** 04/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 13:29

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.076	7.980	8.180	22.950	20.000	14.8
Tetrachloro-m-xylene	2.883	2.830	2.930	22.200	20.000	11.0
alpha-BHC	3.396	3.350	3.450	11.720	10.000	17.2
beta-BHC	4.028	3.980	4.080	12.460	10.000	24.6
gamma-BHC (Lindane)	3.732	3.680	3.780	11.580	10.000	15.8
Endrin	5.793	5.720	5.860	49.780	50.000	-0.4
4,4'-DDT	6.187	6.120	6.260	102.610	100.000	2.6
Methoxychlor	6.758	6.690	6.830	215.580	250.000	-13.8

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088232.D **Date Analyzed:** 04/23/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 08:59

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.074	8.970	9.170	22.760	20.000	13.8
Tetrachloro-m-xylene	3.551	3.500	3.600	24.350	20.000	21.8
alpha-BHC	4.000	3.950	4.050	11.070	10.000	10.7
beta-BHC	4.516	4.470	4.570	12.490	10.000	24.9
gamma-BHC (Lindane)	4.332	4.280	4.380	11.410	10.000	14.1
Endrin	6.576	6.510	6.650	59.370	50.000	18.7
4,4'-DDT	7.022	6.950	7.090	110.860	100.000	10.9
Methoxychlor	7.494	7.420	7.560	253.710	250.000	1.5

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088232.D **Date Analyzed:** 04/23/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 08:59

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.076	7.980	8.180	21.870	20.000	9.4
Tetrachloro-m-xylene	2.882	2.830	2.930	23.960	20.000	19.8
alpha-BHC	3.395	3.340	3.450	12.380	10.000	23.8
beta-BHC	4.027	3.980	4.080	12.800	10.000	28.0
gamma-BHC (Lindane)	3.732	3.680	3.780	12.290	10.000	22.9
Endrin	5.792	5.720	5.860	53.740	50.000	7.5
4,4'-DDT	6.187	6.120	6.260	98.730	100.000	-1.3
Methoxychlor	6.757	6.690	6.830	195.720	250.000	-21.7

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088289.D **Date Analyzed:** 04/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:23

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.072	8.970	9.170	20.880	20.000	4.4
Tetrachloro-m-xylene	3.550	3.500	3.600	21.380	20.000	6.9
alpha-BHC	3.999	3.950	4.050	9.700	10.000	-3.0
beta-BHC	4.515	4.460	4.570	11.060	10.000	10.6
gamma-BHC (Lindane)	4.330	4.280	4.380	10.210	10.000	2.1
Endrin	6.574	6.500	6.640	54.780	50.000	9.6
4,4'-DDT	7.020	6.950	7.090	109.760	100.000	9.8
Methoxychlor	7.492	7.420	7.560	252.030	250.000	0.8

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088289.D **Date Analyzed:** 04/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:23

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.074	7.970	8.170	19.160	20.000	-4.2
Tetrachloro-m-xylene	2.882	2.830	2.930	20.760	20.000	3.8
alpha-BHC	3.394	3.340	3.440	10.740	10.000	7.4
beta-BHC	4.027	3.980	4.080	11.090	10.000	10.9
gamma-BHC (Lindane)	3.731	3.680	3.780	10.700	10.000	7.0
Endrin	5.791	5.720	5.860	48.470	50.000	-3.1
4,4'-DDT	6.185	6.110	6.260	95.500	100.000	-4.5
Methoxychlor	6.757	6.690	6.830	191.000	250.000	-23.6

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1859

Project: Lincoln High School **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/18/2025 04/18/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	04/18/2025	13:15	PD088121.D	9.07	3.55
PEM	PEM	04/18/2025	13:29	PD088122.D	9.08	3.55
RESCHK	RESCHK	04/18/2025	13:43	PD088123.D	9.08	3.55
PSTDICC100	PSTDICC100	04/18/2025	13:56	PD088124.D	9.08	3.55
PSTDICC075	PSTDICC075	04/18/2025	14:10	PD088125.D	9.07	3.55
PSTDICC050	PSTDICC050	04/18/2025	14:24	PD088126.D	9.08	3.55
PSTDICC025	PSTDICC025	04/18/2025	14:37	PD088127.D	9.08	3.55
PSTDICC005	PSTDICC005	04/18/2025	14:51	PD088128.D	9.08	3.55
PCHLORICC500	PCHLORICC500	04/18/2025	15:32	PD088131.D	9.07	3.55
PTOXICC500	PTOXICC500	04/18/2025	16:40	PD088136.D	9.07	3.55
I.BLK	I.BLK	04/23/2025	08:45	PD088231.D	9.08	3.55
PEM	PEM	04/23/2025	08:59	PD088232.D	9.07	3.55
PSTDCCC050	PSTDCCC050	04/23/2025	09:55	PD088233.D	9.09	3.56
PB167709BL	PB167709BL	04/23/2025	12:45	PD088238.D	9.08	3.55
PB167709BS	PB167709BS	04/23/2025	12:59	PD088239.D	9.07	3.55
I.BLK	I.BLK	04/23/2025	14:51	PD088246.D	9.07	3.55
PSTDCCC050	PSTDCCC050	04/23/2025	15:05	PD088247.D	9.07	3.55
I.BLK	I.BLK	04/28/2025	09:09	PD088288.D	9.07	3.55
PEM	PEM	04/28/2025	09:23	PD088289.D	9.07	3.55
PSTDCCC050	PSTDCCC050	04/28/2025	09:46	PD088290.D	9.08	3.56
COMP-2MS	Q1858-02MS	04/28/2025	10:32	PD088293.D	9.07	3.55
COMP-2MSD	Q1858-02MSD	04/28/2025	10:45	PD088294.D	9.07	3.55
COMP-1	Q1859-01	04/28/2025	11:13	PD088296.D	9.07	3.55
COMP-2	Q1859-02	04/28/2025	11:26	PD088297.D	9.07	3.55
COMP-3	Q1859-03	04/28/2025	11:40	PD088298.D	9.07	3.55
I.BLK	I.BLK	04/28/2025	12:34	PD088302.D	9.07	3.55
PSTDCCC050	PSTDCCC050	04/28/2025	15:10	PD088303.D	9.08	3.56

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1859

Project: Lincoln High School **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/18/2025 04/18/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	04/18/2025	13:15	PD088121.D	8.08	2.88
PEM	PEM	04/18/2025	13:29	PD088122.D	8.08	2.88
RESCHK	RESCHK	04/18/2025	13:43	PD088123.D	8.08	2.88
PSTDICC100	PSTDICC100	04/18/2025	13:56	PD088124.D	8.09	2.90
PSTDICC075	PSTDICC075	04/18/2025	14:10	PD088125.D	8.08	2.88
PSTDICC050	PSTDICC050	04/18/2025	14:24	PD088126.D	8.08	2.88
PSTDICC025	PSTDICC025	04/18/2025	14:37	PD088127.D	8.08	2.88
PSTDICC005	PSTDICC005	04/18/2025	14:51	PD088128.D	8.08	2.88
PCHLORICC500	PCHLORICC500	04/18/2025	15:32	PD088131.D	8.08	2.88
PTOXICC500	PTOXICC500	04/18/2025	16:40	PD088136.D	8.08	2.88
I.BLK	I.BLK	04/23/2025	08:45	PD088231.D	8.08	2.88
PEM	PEM	04/23/2025	08:59	PD088232.D	8.08	2.88
PSTDCCC050	PSTDCCC050	04/23/2025	09:55	PD088233.D	8.08	2.88
PB167709BL	PB167709BL	04/23/2025	12:45	PD088238.D	8.08	2.88
PB167709BS	PB167709BS	04/23/2025	12:59	PD088239.D	8.08	2.88
I.BLK	I.BLK	04/23/2025	14:51	PD088246.D	8.08	2.88
PSTDCCC050	PSTDCCC050	04/23/2025	15:05	PD088247.D	8.08	2.88
I.BLK	I.BLK	04/28/2025	09:09	PD088288.D	8.08	2.88
PEM	PEM	04/28/2025	09:23	PD088289.D	8.07	2.88
PSTDCCC050	PSTDCCC050	04/28/2025	09:46	PD088290.D	8.08	2.88
COMP-2MS	Q1858-02MS	04/28/2025	10:32	PD088293.D	8.07	2.88
COMP-2MSD	Q1858-02MSD	04/28/2025	10:45	PD088294.D	8.07	2.88
COMP-1	Q1859-01	04/28/2025	11:13	PD088296.D	8.07	2.88
COMP-2	Q1859-02	04/28/2025	11:26	PD088297.D	8.08	2.88
COMP-3	Q1859-03	04/28/2025	11:40	PD088298.D	8.08	2.88
I.BLK	I.BLK	04/28/2025	12:34	PD088302.D	8.08	2.88
PSTDCCC050	PSTDCCC050	04/28/2025	15:10	PD088303.D	8.08	2.88

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-1

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Lab Sample ID: Q1859-01 **Date(s) Analyzed:** 04/28/2025 04/28/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Dieldrin	1	6.35	6.30	6.40	0.29	40
	2	5.51	5.46	5.56	0.19	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-2MS

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Lab Sample ID: Q1858-02MS **Date(s) Analyzed:** 04/28/2025 04/28/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	17.7	15.2
	2	5.93	5.88	5.98	15.2	
4,4'-DDT	1	7.02	6.97	7.07	16.8	16.1
	2	6.18	6.13	6.23	14.3	
Aldrin	1	5.27	5.22	5.32	18.0	8.1
	2	4.37	4.32	4.42	16.6	
4,4'-DDE	1	6.20	6.15	6.25	16.1	0.6
	2	5.38	5.33	5.43	16.0	
Dieldrin	1	6.35	6.30	6.40	18.1	11.1
	2	5.51	5.46	5.56	16.2	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-2MSD

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Lab Sample ID: Q1858-02MSD **Date(s) Analyzed:** 04/28/2025 04/28/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	17.4	14.2
	2	5.93	5.88	5.98	15.1	
4,4'-DDT	1	7.02	6.97	7.07	16.5	10.9
	2	6.18	6.13	6.23	14.8	
Aldrin	1	5.27	5.22	5.32	17.9	8.7
	2	4.37	4.32	4.42	16.4	
4,4'-DDE	1	6.20	6.15	6.25	16.2	2.5
	2	5.38	5.33	5.43	15.8	
Dieldrin	1	6.35	6.30	6.40	18.0	12.4
	2	5.51	5.46	5.56	15.9	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.
PB167709BS

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Lab Sample ID: PB167709BS **Date(s) Analyzed:** 04/23/2025 04/23/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	16.7	7.5
	2	5.93	5.88	5.98	15.5	
4,4'-DDE	1	6.20	6.15	6.25	16.1	6.4
	2	5.38	5.33	5.43	15.1	
4,4'-DDT	1	7.02	6.97	7.07	15.3	7.5
	2	6.19	6.14	6.24	14.2	
Aldrin	1	5.27	5.22	5.32	16.4	7.6
	2	4.37	4.32	4.42	15.2	
Dieldrin	1	6.35	6.30	6.40	16.6	8.8
	2	5.52	5.47	5.57	15.2	

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LAB CHRONICLE

OrderID:	Q1859	**OrderDate:**	4/22/2025 2:55:00 PM
Client:	Kleinfelder	**Project:**	Lincoln High School
Contact:	Mark Warchol	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1859-01	**COMP-1**	**SOIL**			**04/18/25**			**04/22/25**
			PCB Group1	8082A		04/23/25	04/23/25	
Q1859-02	**COMP-2**	**SOIL**			**04/18/25**			**04/22/25**
			PCB Group1	8082A		04/23/25	04/23/25	
Q1859-03	**COMP-3**	**SOIL**			**04/18/25**			**04/22/25**
			PCB Group1	8082A		04/23/25	04/23/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1859 **Order ID:** Q1859

Client: Kleinfelder **Project ID:** Lincoln High School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-1	SDG No.:	Q1859
Lab Sample ID:	Q1859-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.6 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110660.D	1	04/23/25 08:35	04/23/25 19:20	PB167708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.00	U	5.00	21.3	ug/kg
11097-69-1	Aroclor-1254	4.00	U	4.00	21.3	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	21.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.2		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.5		32 - 175	52%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-2	SDG No.:	Q1859
Lab Sample ID:	Q1859-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.2 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110663.D	1	04/23/25 08:35	04/23/25 20:14	PB167708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.4	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.4	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		32 - 144	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		32 - 175	84%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-3	SDG No.:	Q1859
Lab Sample ID:	Q1859-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	85.6 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110664.D	1	04/23/25 08:35	04/23/25 20:32	PB167708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.8	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.8	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	19.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.2		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.6		32 - 175	83%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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Surrogate Summary

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO110348.D	PIBLK-PO110348.D	Tetrachloro-m-xylene	1	20	18.1	91		60	140
		Decachlorobiphenyl	1	20	19.2	96		60	140
		Tetrachloro-m-xylene	2	20	18.2	91		60	140
		Decachlorobiphenyl	2	20	20.2	101		60	140
I.BLK-PO110642.D	PIBLK-PO110642.D	Tetrachloro-m-xylene	1	20	16.4	82		60	140
		Decachlorobiphenyl	1	20	15.2	76		60	140
		Tetrachloro-m-xylene	2	20	15.6	78		60	140
		Decachlorobiphenyl	2	20	16.2	81		60	140
PB167708BL	PB167708BL	Tetrachloro-m-xylene	1	20	20.3	102		32	144
		Decachlorobiphenyl	1	20	18.5	92		32	175
		Tetrachloro-m-xylene	2	20	18.9	94		32	144
		Decachlorobiphenyl	2	20	19.3	97		32	175
PB167708BS	PB167708BS	Tetrachloro-m-xylene	1	20	19.4	97		32	144
		Decachlorobiphenyl	1	20	18.8	94		32	175
		Tetrachloro-m-xylene	2	20	17.9	90		32	144
		Decachlorobiphenyl	2	20	19.3	96		32	175
I.BLK-PO110656.D	PIBLK-PO110656.D	Tetrachloro-m-xylene	1	20	16.9	85		60	140
		Decachlorobiphenyl	1	20	15.8	79		60	140
		Tetrachloro-m-xylene	2	20	16.1	80		60	140
		Decachlorobiphenyl	2	20	16.4	82		60	140
Q1859-01	COMP-1	Tetrachloro-m-xylene	1	20	19.2	96		32	144
		Decachlorobiphenyl	1	20	9.26	46		32	175
		Tetrachloro-m-xylene	2	20	18.2	91		32	144
		Decachlorobiphenyl	2	20	10.5	52		32	175
Q1859-01MS	COMP-1MS	Tetrachloro-m-xylene	1	20	18.1	91		32	144
		Decachlorobiphenyl	1	20	10.6	53		32	175
		Tetrachloro-m-xylene	2	20	17.0	85		32	144
		Decachlorobiphenyl	2	20	12.1	61		32	175
Q1859-01MSD	COMP-1MSD	Tetrachloro-m-xylene	1	20	19.5	97		32	144
		Decachlorobiphenyl	1	20	12.6	63		32	175
		Tetrachloro-m-xylene	2	20	18.3	91		32	144
		Decachlorobiphenyl	2	20	14.2	71		32	175
Q1859-02	COMP-2	Tetrachloro-m-xylene	1	20	21.1	105		32	144
		Decachlorobiphenyl	1	20	15.8	79		32	175
		Tetrachloro-m-xylene	2	20	19.8	99		32	144
		Decachlorobiphenyl	2	20	16.8	84		32	175
Q1859-03	COMP-3	Tetrachloro-m-xylene	1	20	20.2	101		32	144
		Decachlorobiphenyl	1	20	15.7	78		32	175
		Tetrachloro-m-xylene	2	20	19.0	95		32	144
		Decachlorobiphenyl	2	20	16.6	83		32	175
I.BLK-PO110671.D	PIBLK-PO110671.D	Tetrachloro-m-xylene	1	20	17.3	87		60	140

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Surrogate Summary

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO110671.D	PIBLK-PO110671.D	Decachlorobiphenyl	1	20	16.0	80		60	140
		Tetrachloro-m-xylene	2	20	16.4	82		60	140
		Decachlorobiphenyl	2	20	16.7	83		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8082A **DataFile :** PO110661.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**COMP-1MS**											
Q1859-01MS	AR1016	209.2	0	178	ug/kg	85				55	146	
	AR1260	209.2	0	144	ug/kg	69				31	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8082A **DataFile :** PO110662.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**COMP-1MSD**											
Q1859-01MSD	AR1016	209	0	191	ug/kg	91		7		55	146	20
	AR1260	209	0	154	ug/kg	74		7		31	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8082A **Datafile :** PO110645.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167708BS	AR1016	166.5	151	ug/kg	91				71	120	
	AR1260	166.5	145	ug/kg	87				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167708BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1859 SAS No.: Q1859 SDG NO.: Q1859

Lab Sample ID: PB167708BL Lab File ID: PO110644.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 04/23/2025

Date Analyzed (1): 04/23/2025 Date Analyzed (2): 04/23/2025

Time Analyzed (1): 12:31 Time Analyzed (2): 12:31

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB167708BS	PB167708BS	PO110645.D	04/23/2025	04/23/2025
COMP-1	Q1859-01	PO110660.D	04/23/2025	04/23/2025
COMP-1MS	Q1859-01MS	PO110661.D	04/23/2025	04/23/2025
COMP-1MSD	Q1859-01MSD	PO110662.D	04/23/2025	04/23/2025
COMP-2	Q1859-02	PO110663.D	04/23/2025	04/23/2025
COMP-3	Q1859-03	PO110664.D	04/23/2025	04/23/2025

COMMENTS:

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO110349.D RT 750 = PO110350.D

RT 500 = PO110351.D RT 250 = PO110352.D RT 050 = PO110353.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-2	(2)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1016-3	(3)	4.86	4.86	4.86	4.86	4.86	4.86	4.76	4.96
Aroclor-1016-4	(4)	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Aroclor-1016-5	(5)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1260-1	(1)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1260-2	(2)	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Aroclor-1260-3	(3)	6.83	6.83	6.83	6.83	6.83	6.83	6.73	6.93
Aroclor-1260-4	(4)	7.09	7.09	7.09	7.09	7.09	7.09	6.99	7.19
Aroclor-1260-5	(5)	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1254-1	(1)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
Aroclor-1254-2	(2)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Aroclor-1254-3	(3)	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1254-4	(4)	6.37	6.37	6.37	6.37	6.37	6.37	6.27	6.47
Aroclor-1254-5	(5)	6.79	6.79	6.79	6.79	6.79	6.79	6.69	6.89
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO110349.D RT 750 = PO110350.D

RT 500 = PO110351.D RT 250 = PO110352.D RT 050 = PO110353.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-2	(2)	4.78	4.79	4.78	4.78	4.79	4.78	4.68	4.88
Aroclor-1016-3	(3)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-4	(4)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1016-5	(5)	5.22	5.22	5.22	5.21	5.22	5.22	5.12	5.32
Aroclor-1260-1	(1)	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Aroclor-1260-2	(2)	6.43	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Aroclor-1260-4	(4)	7.06	7.06	7.06	7.06	7.06	7.06	6.96	7.16
Aroclor-1260-5	(5)	7.30	7.30	7.30	7.30	7.30	7.30	7.20	7.40
Decachlorobiphenyl		8.69	8.69	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.69	3.69	3.68	3.69	3.68	3.69	3.59	3.79
Decachlorobiphenyl		8.68	8.69	8.69	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.68	3.69	3.59	3.79
Aroclor-1254-1	(1)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1254-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1254-3	(3)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1254-4	(4)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1254-5	(5)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.69	3.69	3.69	3.68	3.69	3.69	3.59	3.79
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.68	3.68	3.69	3.69	3.68	3.68	3.58	3.78

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PO110349.D **CF 750 =** PO110350.D

CF 500 = PO110351.D **CF 250 =** PO110352.D **CF 050 =** PO110353.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	301539199	312147691	325366094	341425388	360239300	328143534	7
Aroclor-1016-2	(2)	424202495	441346851	452587054	472466840	484138100	454948268	5
Aroclor-1016-3	(3)	286857785	300177247	315792572	336640016	373170260	322527576	10
Aroclor-1016-4	(4)	227624644	238137328	247842320	261218376	270999820	249164498	7
Aroclor-1016-5	(5)	238190199	250655776	262830422	281583724	311798080	269011640	11
Aroclor-1260-1	(1)	429982139	447081743	462005040	490865312	532292280	472445303	9
Aroclor-1260-2	(2)	524274151	548276752	560001580	596374412	703195060	586424391	12
Aroclor-1260-3	(3)	446012749	466468717	482076654	511871688	557932460	492872454	9
Aroclor-1260-4	(4)	382143422	400404183	417623168	445374396	476569960	424423026	9
Aroclor-1260-5	(5)	1002895230	1031868237	1046125762	1065122080	1071346720	1043471606	3
Decachlorobiphenyl		7251274760	7526590267	7768647820	8211713920	8716546400	7894954633	7
Tetrachloro-m-xylene		8603197440	8796106920	8951138380	8737007280	8657843200	8749058644	2
Decachlorobiphenyl		7236681930	7570895773	7844756000	8188613360	8340739400	7836337293	6
Tetrachloro-m-xylene		8271521710	8776052907	8899890520	8994445160	8028934800	8594169019	5
Decachlorobiphenyl		7423367890	7666646707	8031765140	8382357480	8221484000	7945124243	5
Tetrachloro-m-xylene		8572177400	8675092440	8959183240	8875828960	7878695600	8592195528	5
Aroclor-1254-1	(1)	517202507	536393799	555537214	581626948	599185020	557989098	6
Aroclor-1254-2	(2)	450798901	468206104	477861830	506770124	524875880	485702568	6
Aroclor-1254-3	(3)	746169545	769125461	779743060	811121676	809948840	783221716	4
Aroclor-1254-4	(4)	460149954	473941677	490156778	505394424	508383480	487605263	4
Aroclor-1254-5	(5)	657635451	678198725	698380664	724566284	745718260	700899877	5
Decachlorobiphenyl		7612990370	7886723680	8142983840	8479059160	8719027400	8168156890	5
Tetrachloro-m-xylene		8665092200	8825966600	8709112240	8974669960	8357494600	8706467120	3
Decachlorobiphenyl		14008782040	14232407573	14386243640	14978905640	14264840400	14374235859	3
Tetrachloro-m-xylene		8842756020	8685831240	8461342580	8927106240	7893566400	8562120496	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PO110349.D **CF 750 =** PO110350.D

CF 500 = PO110351.D **CF 250 =** PO110352.D **CF 050 =** PO110353.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	159213491	166153001	173161426	184455932	194563640	175509498	8
Aroclor-1016-2	(2)	235577328	244073360	249915638	259769828	267988640	251464959	5
Aroclor-1016-3	(3)	123754519	129314112	134837594	142342816	148305560	135710920	7
Aroclor-1016-4	(4)	100154968	106815488	112688448	121621132	130559280	114367863	11
Aroclor-1016-5	(5)	131736277	138471012	145266388	155239544	174656140	149073872	11
Aroclor-1260-1	(1)	221282381	231306280	240804372	256804492	279620260	245963557	9
Aroclor-1260-2	(2)	260045501	271771868	281572488	298549944	346814040	291750768	12
Aroclor-1260-3	(3)	243412958	253822376	261595986	277903536	317685740	270884119	11
Aroclor-1260-4	(4)	177247956	186943988	195746612	210913364	232348220	200640028	11
Aroclor-1260-5	(5)	430279301	445092429	452357666	469475868	497083160	458857685	6
Decachlorobiphenyl		1704536950	1791384040	1872045360	2025627840	2231357400	1924990318	11
Tetrachloro-m-xylene		4868987290	4975470093	5049711440	5093085920	4961663200	4989783589	2
Decachlorobiphenyl		1618576700	1765984867	1877839140	2017748840	2043806200	1864791149	10
Tetrachloro-m-xylene		4668026020	4940087107	5018557540	5112714200	4785540800	4904985133	4
Decachlorobiphenyl		1708281780	1752376693	1900332500	2015603280	2024700800	1880259011	8
Tetrachloro-m-xylene		4827908270	4873975707	5038663740	4997540000	4437882400	4835194023	5
Aroclor-1254-1	(1)	275528987	285381728	296386294	310788612	339409960	301499116	8
Aroclor-1254-2	(2)	239912515	249193828	258146844	274680708	301492780	264685335	9
Aroclor-1254-3	(3)	379979735	392440955	403528434	417422392	423708940	403416091	4
Aroclor-1254-4	(4)	215870098	222432417	229245508	238627400	242389020	229712889	5
Aroclor-1254-5	(5)	307722172	319481015	330728230	346867608	356659680	332291741	6
Decachlorobiphenyl		1672742580	1794748347	1901326780	2085791440	2132484800	1917418789	10
Tetrachloro-m-xylene		4865625930	4959437227	4872791400	5058078960	4761547200	4903496143	2
Decachlorobiphenyl		3018392240	3167067147	3278510040	3500677320	3503309000	3293591149	6
Tetrachloro-m-xylene		4973805090	4889835600	4772598500	5033958160	4487276800	4831494830	4

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Instrument ID: _____ **Date(s) Analyzed:** _____ _____

GC Column: _____ **ID:** _____ (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
		1				
		2				
		3				
		4				
		5				

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 08:44 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.00
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 08:44 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/23/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110638.D **Time Analyzed:** 08:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	549.930	500.000	10.0
Aroclor-1016-2	4.796	4.698	4.898	551.570	500.000	10.3
Aroclor-1016-3	4.852	4.755	4.955	537.620	500.000	7.5
Aroclor-1016-4	4.972	4.875	5.075	547.360	500.000	9.5
Aroclor-1016-5	5.228	5.132	5.332	518.290	500.000	3.7
Aroclor-1260-1	6.269	6.172	6.372	576.780	500.000	15.4
Aroclor-1260-2	6.458	6.360	6.560	550.750	500.000	10.2
Aroclor-1260-3	6.826	6.729	6.929	509.730	500.000	1.9
Aroclor-1260-4	7.086	6.988	7.188	498.950	500.000	-0.2
Aroclor-1260-5	7.328	7.230	7.430	503.370	500.000	0.7
Decachlorobiphenyl	8.730	8.632	8.832	45.790	50.000	-8.4
Tetrachloro-m-xylene	3.686	3.588	3.788	55.810	50.000	11.6

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/23/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110638.D **Time Analyzed:** 08:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.762	4.666	4.866	525.760	500.000	5.2
Aroclor-1016-2	4.781	4.684	4.884	522.330	500.000	4.5
Aroclor-1016-3	4.957	4.860	5.060	513.380	500.000	2.7
Aroclor-1016-4	4.999	4.902	5.102	421.440	500.000	-15.7
Aroclor-1016-5	5.212	5.115	5.315	583.490	500.000	16.7
Aroclor-1260-1	6.242	6.146	6.346	530.130	500.000	6.0
Aroclor-1260-2	6.431	6.334	6.534	512.290	500.000	2.5
Aroclor-1260-3	6.583	6.487	6.687	494.610	500.000	-1.1
Aroclor-1260-4	7.055	6.957	7.157	494.230	500.000	-1.2
Aroclor-1260-5	7.295	7.197	7.397	495.190	500.000	-1.0
Decachlorobiphenyl	8.681	8.584	8.784	47.490	50.000	-5.0
Tetrachloro-m-xylene	3.683	3.586	3.786	54.270	50.000	8.5

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 16:20 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 16:20 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/23/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110652.D **Time Analyzed:** 16:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	554.870	500.000	11.0
Aroclor-1016-2	4.795	4.698	4.898	557.710	500.000	11.5
Aroclor-1016-3	4.852	4.755	4.955	543.560	500.000	8.7
Aroclor-1016-4	4.972	4.875	5.075	552.400	500.000	10.5
Aroclor-1016-5	5.229	5.132	5.332	538.640	500.000	7.7
Aroclor-1260-1	6.269	6.172	6.372	567.990	500.000	13.6
Aroclor-1260-2	6.458	6.360	6.560	529.560	500.000	5.9
Aroclor-1260-3	6.825	6.729	6.929	518.020	500.000	3.6
Aroclor-1260-4	7.086	6.988	7.188	511.830	500.000	2.4
Aroclor-1260-5	7.328	7.230	7.430	508.430	500.000	1.7
Decachlorobiphenyl	8.729	8.632	8.832	46.500	50.000	-7.0
Tetrachloro-m-xylene	3.686	3.588	3.788	56.370	50.000	12.7

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/23/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110652.D **Time Analyzed:** 16:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.763	4.666	4.866	528.500	500.000	5.7
Aroclor-1016-2	4.782	4.684	4.884	525.700	500.000	5.1
Aroclor-1016-3	4.957	4.860	5.060	518.670	500.000	3.7
Aroclor-1016-4	5.000	4.902	5.102	420.850	500.000	-15.8
Aroclor-1016-5	5.212	5.115	5.315	503.960	500.000	0.8
Aroclor-1260-1	6.243	6.146	6.346	528.930	500.000	5.8
Aroclor-1260-2	6.431	6.334	6.534	506.730	500.000	1.3
Aroclor-1260-3	6.584	6.487	6.687	490.180	500.000	-2.0
Aroclor-1260-4	7.055	6.957	7.157	492.840	500.000	-1.4
Aroclor-1260-5	7.296	7.197	7.397	490.200	500.000	-2.0
Decachlorobiphenyl	8.681	8.584	8.784	47.120	50.000	-5.8
Tetrachloro-m-xylene	3.684	3.586	3.786	54.770	50.000	9.5

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 22:50 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.00
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Continuing Calib Date: 04/23/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 22:50 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/23/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110667.D **Time Analyzed:** 22:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	559.600	500.000	11.9
Aroclor-1016-2	4.796	4.698	4.898	564.500	500.000	12.9
Aroclor-1016-3	4.852	4.755	4.955	550.930	500.000	10.2
Aroclor-1016-4	4.972	4.875	5.075	561.080	500.000	12.2
Aroclor-1016-5	5.229	5.132	5.332	539.150	500.000	7.8
Aroclor-1260-1	6.269	6.172	6.372	583.100	500.000	16.6
Aroclor-1260-2	6.458	6.360	6.560	555.900	500.000	11.2
Aroclor-1260-3	6.826	6.729	6.929	536.310	500.000	7.3
Aroclor-1260-4	7.086	6.988	7.188	528.490	500.000	5.7
Aroclor-1260-5	7.328	7.230	7.430	524.450	500.000	4.9
Decachlorobiphenyl	8.727	8.632	8.832	46.930	50.000	-6.1
Tetrachloro-m-xylene	3.687	3.588	3.788	57.040	50.000	14.1

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/23/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110667.D **Time Analyzed:** 22:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.763	4.666	4.866	537.030	500.000	7.4
Aroclor-1016-2	4.782	4.684	4.884	529.750	500.000	6.0
Aroclor-1016-3	4.958	4.860	5.060	529.630	500.000	5.9
Aroclor-1016-4	5.000	4.902	5.102	405.680	500.000	-18.9
Aroclor-1016-5	5.212	5.115	5.315	509.900	500.000	2.0
Aroclor-1260-1	6.244	6.146	6.346	540.930	500.000	8.2
Aroclor-1260-2	6.431	6.334	6.534	520.700	500.000	4.1
Aroclor-1260-3	6.584	6.487	6.687	497.360	500.000	-0.5
Aroclor-1260-4	7.055	6.957	7.157	492.790	500.000	-1.4
Aroclor-1260-5	7.296	7.197	7.397	493.880	500.000	-1.2
Decachlorobiphenyl	8.680	8.584	8.784	47.310	50.000	-5.4
Tetrachloro-m-xylene	3.684	3.586	3.786	55.340	50.000	10.7

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Fax : 908 789 8922

Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1859

Project: Lincoln High School **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/10/2025 04/10/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	04/10/2025	09:17	PO110348.D	8.73	3.69
AR1660ICC1000	AR1660ICC1000	04/10/2025	09:36	PO110349.D	8.73	3.69
AR1660ICC750	AR1660ICC750	04/10/2025	09:54	PO110350.D	8.73	3.69
AR1660ICC500	AR1660ICC500	04/10/2025	10:13	PO110351.D	8.73	3.69
AR1660ICC250	AR1660ICC250	04/10/2025	10:31	PO110352.D	8.73	3.69
AR1660ICC050	AR1660ICC050	04/10/2025	10:49	PO110353.D	8.73	3.69
AR1221ICC500	AR1221ICC500	04/10/2025	11:08	PO110354.D	8.73	3.69
AR1232ICC500	AR1232ICC500	04/10/2025	11:26	PO110355.D	8.73	3.69
AR1242ICC1000	AR1242ICC1000	04/10/2025	11:44	PO110356.D	8.73	3.69
AR1242ICC750	AR1242ICC750	04/10/2025	12:03	PO110357.D	8.73	3.69
AR1242ICC500	AR1242ICC500	04/10/2025	12:21	PO110358.D	8.73	3.69
AR1242ICC250	AR1242ICC250	04/10/2025	12:39	PO110359.D	8.73	3.69
AR1242ICC050	AR1242ICC050	04/10/2025	12:58	PO110360.D	8.73	3.69
AR1248ICC1000	AR1248ICC1000	04/10/2025	13:16	PO110361.D	8.73	3.69
AR1248ICC750	AR1248ICC750	04/10/2025	13:35	PO110362.D	8.73	3.69
AR1248ICC500	AR1248ICC500	04/10/2025	13:53	PO110363.D	8.73	3.69
AR1248ICC250	AR1248ICC250	04/10/2025	14:11	PO110364.D	8.73	3.69
AR1248ICC050	AR1248ICC050	04/10/2025	14:30	PO110365.D	8.73	3.69
AR1254ICC1000	AR1254ICC1000	04/10/2025	14:48	PO110366.D	8.73	3.69
AR1254ICC750	AR1254ICC750	04/10/2025	15:06	PO110367.D	8.73	3.69
AR1254ICC500	AR1254ICC500	04/10/2025	15:25	PO110368.D	8.73	3.69
AR1254ICC250	AR1254ICC250	04/10/2025	15:43	PO110369.D	8.73	3.69
AR1254ICC050	AR1254ICC050	04/10/2025	16:02	PO110370.D	8.73	3.69
AR1262ICC500	AR1262ICC500	04/10/2025	16:20	PO110371.D	8.73	3.69
AR1268ICC1000	AR1268ICC1000	04/10/2025	16:38	PO110372.D	8.73	3.69
AR1268ICC750	AR1268ICC750	04/10/2025	16:57	PO110373.D	8.73	3.69
AR1268ICC500	AR1268ICC500	04/10/2025	17:15	PO110374.D	8.73	3.69
AR1268ICC250	AR1268ICC250	04/10/2025	17:33	PO110375.D	8.73	3.69
AR1268ICC050	AR1268ICC050	04/10/2025	17:52	PO110376.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/23/2025	08:44	PO110638.D	8.73	3.69
I.BLK	I.BLK	04/23/2025	10:00	PO110642.D	8.73	3.69
PB167708BL	PB167708BL	04/23/2025	12:31	PO110644.D	8.73	3.69
PB167708BS	PB167708BS	04/23/2025	12:49	PO110645.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/23/2025	16:20	PO110652.D	8.73	3.69
I.BLK	I.BLK	04/23/2025	18:08	PO110656.D	8.73	3.69
COMP-1	Q1859-01	04/23/2025	19:20	PO110660.D	8.73	3.69
COMP-1MS	Q1859-01MS	04/23/2025	19:38	PO110661.D	8.73	3.69
COMP-1MSD	Q1859-01MSD	04/23/2025	19:57	PO110662.D	8.73	3.69
COMP-2	Q1859-02	04/23/2025	20:14	PO110663.D	8.73	3.68
COMP-3	Q1859-03	04/23/2025	20:32	PO110664.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/23/2025	22:50	PO110667.D	8.73	3.69
I.BLK	I.BLK	04/24/2025	00:39	PO110671.D	8.73	3.68

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Analytical Sequence

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1859

Project: Lincoln High School **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/10/2025 04/10/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	04/10/2025	09:17	PO110348.D	8.68	3.68
AR1660ICC1000	AR1660ICC1000	04/10/2025	09:36	PO110349.D	8.69	3.69
AR1660ICC750	AR1660ICC750	04/10/2025	09:54	PO110350.D	8.69	3.69
AR1660ICC500	AR1660ICC500	04/10/2025	10:13	PO110351.D	8.68	3.69
AR1660ICC250	AR1660ICC250	04/10/2025	10:31	PO110352.D	8.68	3.69
AR1660ICC050	AR1660ICC050	04/10/2025	10:49	PO110353.D	8.68	3.69
AR1221ICC500	AR1221ICC500	04/10/2025	11:08	PO110354.D	8.68	3.69
AR1232ICC500	AR1232ICC500	04/10/2025	11:26	PO110355.D	8.68	3.69
AR1242ICC1000	AR1242ICC1000	04/10/2025	11:44	PO110356.D	8.68	3.69
AR1242ICC750	AR1242ICC750	04/10/2025	12:03	PO110357.D	8.68	3.69
AR1242ICC500	AR1242ICC500	04/10/2025	12:21	PO110358.D	8.68	3.68
AR1242ICC250	AR1242ICC250	04/10/2025	12:39	PO110359.D	8.68	3.69
AR1242ICC050	AR1242ICC050	04/10/2025	12:58	PO110360.D	8.68	3.68
AR1248ICC1000	AR1248ICC1000	04/10/2025	13:16	PO110361.D	8.68	3.69
AR1248ICC750	AR1248ICC750	04/10/2025	13:35	PO110362.D	8.69	3.69
AR1248ICC500	AR1248ICC500	04/10/2025	13:53	PO110363.D	8.69	3.69
AR1248ICC250	AR1248ICC250	04/10/2025	14:11	PO110364.D	8.68	3.69
AR1248ICC050	AR1248ICC050	04/10/2025	14:30	PO110365.D	8.68	3.68
AR1254ICC1000	AR1254ICC1000	04/10/2025	14:48	PO110366.D	8.68	3.69
AR1254ICC750	AR1254ICC750	04/10/2025	15:06	PO110367.D	8.68	3.69
AR1254ICC500	AR1254ICC500	04/10/2025	15:25	PO110368.D	8.68	3.69
AR1254ICC250	AR1254ICC250	04/10/2025	15:43	PO110369.D	8.68	3.68
AR1254ICC050	AR1254ICC050	04/10/2025	16:02	PO110370.D	8.68	3.69
AR1262ICC500	AR1262ICC500	04/10/2025	16:20	PO110371.D	8.68	3.69
AR1268ICC1000	AR1268ICC1000	04/10/2025	16:38	PO110372.D	8.68	3.68
AR1268ICC750	AR1268ICC750	04/10/2025	16:57	PO110373.D	8.68	3.68
AR1268ICC500	AR1268ICC500	04/10/2025	17:15	PO110374.D	8.68	3.69
AR1268ICC250	AR1268ICC250	04/10/2025	17:33	PO110375.D	8.68	3.69
AR1268ICC050	AR1268ICC050	04/10/2025	17:52	PO110376.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/23/2025	08:44	PO110638.D	8.68	3.68
I.BLK	I.BLK	04/23/2025	10:00	PO110642.D	8.68	3.68
PB167708BL	PB167708BL	04/23/2025	12:31	PO110644.D	8.68	3.68
PB167708BS	PB167708BS	04/23/2025	12:49	PO110645.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/23/2025	16:20	PO110652.D	8.68	3.68
I.BLK	I.BLK	04/23/2025	18:08	PO110656.D	8.68	3.68
COMP-1	Q1859-01	04/23/2025	19:20	PO110660.D	8.68	3.68
COMP-1MS	Q1859-01MS	04/23/2025	19:38	PO110661.D	8.68	3.68
COMP-1MSD	Q1859-01MSD	04/23/2025	19:57	PO110662.D	8.68	3.68
COMP-2	Q1859-02	04/23/2025	20:14	PO110663.D	8.68	3.68
COMP-3	Q1859-03	04/23/2025	20:32	PO110664.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/23/2025	22:50	PO110667.D	8.68	3.68
I.BLK	I.BLK	04/24/2025	00:39	PO110671.D	8.68	3.68

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Analytical Sequence

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Lincoln High School	Date Received:	
Client Sample ID:	PB167708BL	SDG No.:	Q1859
Lab Sample ID:	PB167708BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110644.D	1	04/23/25 08:35	04/23/25 12:31	PB167708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.3		32 - 175	97%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/10/25
Project:	Lincoln High School	Date Received:	04/10/25
Client Sample ID:	PIBLK-PO110348.D	SDG No.:	Q1859
Lab Sample ID:	I.BLK-PO110348.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110348.D	1		04/10/25	PO041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		60 - 140	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		60 - 140	96%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/23/25
Project:	Lincoln High School	Date Received:	04/23/25
Client Sample ID:	PIBLK-PO110642.D	SDG No.:	Q1859
Lab Sample ID:	I.BLK-PO110642.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110642.D	1		04/23/25	PO042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.6		60 - 140	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.2		60 - 140	76%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/23/25
Project:	Lincoln High School	Date Received:	04/23/25
Client Sample ID:	PIBLK-PO110656.D	SDG No.:	Q1859
Lab Sample ID:	I.BLK-PO110656.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110656.D	1		04/23/25	PO042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.1		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.8		60 - 140	79%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/24/25
Project:	Lincoln High School	Date Received:	04/24/25
Client Sample ID:	PIBLK-PO110671.D	SDG No.:	Q1859
Lab Sample ID:	I.BLK-PO110671.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110671.D	1		04/24/25	PO042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.4		60 - 140	82%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.0		60 - 140	80%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Lincoln High School	Date Received:	
Client Sample ID:	PB167708BS	SDG No.:	Q1859
Lab Sample ID:	PB167708BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110645.D	1	04/23/25 08:35	04/23/25 12:49	PB167708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	151		3.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
11096-82-5	Aroclor-1260	145		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.3		32 - 175	96%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-1MS	SDG No.:	Q1859
Lab Sample ID:	Q1859-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.6 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110661.D	1	04/23/25 08:35	04/23/25 19:38	PB167708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	178		5.00	21.3	ug/kg
11097-69-1	Aroclor-1254	4.00	U	4.00	21.3	ug/kg
11096-82-5	Aroclor-1260	144		4.10	21.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		32 - 144	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.1		32 - 175	61%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-1MSD	SDG No.:	Q1859
Lab Sample ID:	Q1859-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.6 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110662.D	1	04/23/25 08:35	04/23/25 19:57	PB167708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	191		5.00	21.3	ug/kg
11097-69-1	Aroclor-1254	4.00	U	4.00	21.3	ug/kg
11096-82-5	Aroclor-1260	154		4.00	21.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.5		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		32 - 175	71%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q1859	**OrderDate:**	4/22/2025 2:55:00 PM
Client:	Kleinfelder	**Project:**	Lincoln High School
Contact:	Mark Warchol	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1859-01	**COMP-1**	**SOIL**			**04/18/25**			**04/22/25**
			Mercury	7471B		04/23/25	04/24/25	
			Metals ICP-Group1	6010D		04/23/25	04/23/25	
Q1859-02	**COMP-2**	**SOIL**			**04/18/25**			**04/22/25**
			Mercury	7471B		04/23/25	04/24/25	
			Metals ICP-Group1	6010D		04/23/25	04/23/25	
Q1859-03	**COMP-3**	**SOIL**			**04/18/25**			**04/22/25**
			Mercury	7471B		04/23/25	04/24/25	
			Metals ICP-Group1	6010D		04/23/25	04/23/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1859 **Order ID:** Q1859

Client: Kleinfelder **Project ID:** Lincoln High School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
Q1859-01	COMP-1	SOIL	Aluminum	8290		0.97	5.79	mg/Kg
Q1859-01	COMP-1	SOIL	Arsenic	5.16		0.22	1.16	mg/Kg
Q1859-01	COMP-1	SOIL	Barium	49.4		0.85	5.79	mg/Kg
Q1859-01	COMP-1	SOIL	Beryllium	0.62		0.029	0.35	mg/Kg
Q1859-01	COMP-1	SOIL	Boron	7.79		0.93	5.79	mg/Kg
Q1859-01	COMP-1	SOIL	Chromium	16.7		0.054	0.58	mg/Kg
Q1859-01	COMP-1	SOIL	Cobalt	7.65		0.12	1.74	mg/Kg
Q1859-01	COMP-1	SOIL	Copper	15.1		0.26	1.16	mg/Kg
Q1859-01	COMP-1	SOIL	Iron	16000		4.62	5.79	mg/Kg
Q1859-01	COMP-1	SOIL	Lead	27.7		0.15	0.70	mg/Kg
Q1859-01	COMP-1	SOIL	Manganese	270		0.16	1.16	mg/Kg
Q1859-01	COMP-1	SOIL	Mercury	0.045		0.010	0.018	mg/Kg
Q1859-01	COMP-1	SOIL	Nickel	11.6		0.15	2.32	mg/Kg
Q1859-01	COMP-1	SOIL	Silver	0.41	J	0.14	0.58	mg/Kg
Q1859-01	COMP-1	SOIL	Vanadium	27.3		0.29	2.32	mg/Kg
Q1859-01	COMP-1	SOIL	Zinc	42.4		0.27	2.32	mg/Kg
Client ID : COMP-2								
Q1859-02	COMP-2	SOIL	Aluminum	6530		0.93	5.54	mg/Kg
Q1859-02	COMP-2	SOIL	Arsenic	4.17		0.21	1.11	mg/Kg
Q1859-02	COMP-2	SOIL	Barium	31.0		0.81	5.54	mg/Kg
Q1859-02	COMP-2	SOIL	Beryllium	0.57		0.028	0.33	mg/Kg
Q1859-02	COMP-2	SOIL	Boron	5.47	J	0.89	5.54	mg/Kg
Q1859-02	COMP-2	SOIL	Chromium	16.9		0.052	0.55	mg/Kg
Q1859-02	COMP-2	SOIL	Cobalt	7.31		0.11	1.66	mg/Kg
Q1859-02	COMP-2	SOIL	Copper	9.33		0.24	1.11	mg/Kg
Q1859-02	COMP-2	SOIL	Iron	14100		4.42	5.54	mg/Kg
Q1859-02	COMP-2	SOIL	Lead	6.36		0.14	0.67	mg/Kg
Q1859-02	COMP-2	SOIL	Manganese	154		0.16	1.11	mg/Kg
Q1859-02	COMP-2	SOIL	Mercury	0.0080	J	0.0080	0.015	mg/Kg
Q1859-02	COMP-2	SOIL	Nickel	10.1		0.14	2.22	mg/Kg
Q1859-02	COMP-2	SOIL	Silver	0.14	J	0.13	0.55	mg/Kg
Q1859-02	COMP-2	SOIL	Thallium	0.28	J	0.26	2.22	mg/Kg
Q1859-02	COMP-2	SOIL	Vanadium	22.2		0.28	2.22	mg/Kg
Q1859-02	COMP-2	SOIL	Zinc	20.5		0.26	2.22	mg/Kg
Client ID : COMP-3								
Q1859-03	COMP-3	SOIL	Aluminum	7970		0.88	5.24	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1859 **Order ID:** Q1859

Client: Kleinfelder **Project ID:** Lincoln High School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1859-03	COMP-3	SOIL	Arsenic	4.29		0.20	1.05	mg/Kg
Q1859-03	COMP-3	SOIL	Barium	33.9		0.77	5.24	mg/Kg
Q1859-03	COMP-3	SOIL	Beryllium	0.53		0.026	0.31	mg/Kg
Q1859-03	COMP-3	SOIL	Boron	8.37		0.84	5.24	mg/Kg
Q1859-03	COMP-3	SOIL	Chromium	16.5		0.049	0.52	mg/Kg
Q1859-03	COMP-3	SOIL	Cobalt	6.83		0.11	1.57	mg/Kg
Q1859-03	COMP-3	SOIL	Copper	9.64		0.23	1.05	mg/Kg
Q1859-03	COMP-3	SOIL	Iron	16300		4.18	5.24	mg/Kg
Q1859-03	COMP-3	SOIL	Lead	8.48		0.14	0.63	mg/Kg
Q1859-03	COMP-3	SOIL	Manganese	199		0.15	1.05	mg/Kg
Q1859-03	COMP-3	SOIL	Mercury	0.018		0.0080	0.015	mg/Kg
Q1859-03	COMP-3	SOIL	Nickel	10.9		0.14	2.10	mg/Kg
Q1859-03	COMP-3	SOIL	Silver	0.38	J	0.13	0.52	mg/Kg
Q1859-03	COMP-3	SOIL	Vanadium	27.0		0.26	2.10	mg/Kg
Q1859-03	COMP-3	SOIL	Zinc	21.9		0.24	2.10	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-1	SDG No.:	Q1859
Lab Sample ID:	Q1859-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8290		1	0.97	5.79	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-36-0	Antimony	0.26	UN	1	0.26	2.89	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-38-2	Arsenic	5.16	N	1	0.22	1.16	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-39-3	Barium	49.4		1	0.85	5.79	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-41-7	Beryllium	0.62	N	1	0.029	0.35	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-42-8	Boron	7.79	N*	1	0.93	5.79	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-43-9	Cadmium	0.028	U*	1	0.028	0.35	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-47-3	Chromium	16.7	N	1	0.054	0.58	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-48-4	Cobalt	7.65		1	0.12	1.74	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-50-8	Copper	15.1		1	0.26	1.16	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7439-89-6	Iron	16000		1	4.62	5.79	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7439-92-1	Lead	27.7		1	0.15	0.70	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7439-96-5	Manganese	270		1	0.16	1.16	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7439-97-6	Mercury	0.045		1	0.010	0.018	mg/Kg	04/23/25 15:15	04/24/25 09:03	SW7471B	
7439-98-7	Molybdenum	0.94	UN	1	0.94	11.6	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-02-0	Nickel	11.6		1	0.15	2.32	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7782-49-2	Selenium	0.30	UN	1	0.30	1.16	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-22-4	Silver	0.41	JN	1	0.14	0.58	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-28-0	Thallium	0.27	U	1	0.27	2.32	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-62-2	Vanadium	27.3		1	0.29	2.32	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050
7440-66-6	Zinc	42.4	*	1	0.27	2.32	mg/Kg	04/23/25 10:30	04/23/25 17:39	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Metals Group1				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-2	SDG No.:	Q1859
Lab Sample ID:	Q1859-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6530		1	0.93	5.54	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.77	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-38-2	Arsenic	4.17	N	1	0.21	1.11	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-39-3	Barium	31.0		1	0.81	5.54	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-41-7	Beryllium	0.57	N	1	0.028	0.33	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-42-8	Boron	5.47	JN*	1	0.89	5.54	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-43-9	Cadmium	0.027	U*	1	0.027	0.33	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-47-3	Chromium	16.9	N	1	0.052	0.55	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-48-4	Cobalt	7.31		1	0.11	1.66	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-50-8	Copper	9.33		1	0.24	1.11	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7439-89-6	Iron	14100		1	4.42	5.54	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7439-92-1	Lead	6.36		1	0.14	0.67	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7439-96-5	Manganese	154		1	0.16	1.11	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0080	0.015	mg/Kg	04/23/25 15:15	04/24/25 09:06	SW7471B	
7439-98-7	Molybdenum	0.90	UN	1	0.90	11.1	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-02-0	Nickel	10.1		1	0.14	2.22	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7782-49-2	Selenium	0.29	UN	1	0.29	1.11	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-22-4	Silver	0.14	JN	1	0.13	0.55	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-28-0	Thallium	0.28	J	1	0.26	2.22	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-62-2	Vanadium	22.2		1	0.28	2.22	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050
7440-66-6	Zinc	20.5	*	1	0.26	2.22	mg/Kg	04/23/25 10:30	04/23/25 17:43	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Metals Group1				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-3	SDG No.:	Q1859
Lab Sample ID:	Q1859-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7970		1	0.88	5.24	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.62	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-38-2	Arsenic	4.29	N	1	0.20	1.05	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-39-3	Barium	33.9		1	0.77	5.24	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-41-7	Beryllium	0.53	N	1	0.026	0.31	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-42-8	Boron	8.37	N*	1	0.84	5.24	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-43-9	Cadmium	0.025	U*	1	0.025	0.31	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-47-3	Chromium	16.5	N	1	0.049	0.52	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-48-4	Cobalt	6.83		1	0.11	1.57	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-50-8	Copper	9.64		1	0.23	1.05	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7439-89-6	Iron	16300		1	4.18	5.24	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7439-92-1	Lead	8.48		1	0.14	0.63	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7439-96-5	Manganese	199		1	0.15	1.05	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7439-97-6	Mercury	0.018		1	0.0080	0.015	mg/Kg	04/23/25 15:15	04/24/25 09:13	SW7471B	
7439-98-7	Molybdenum	0.85	UN	1	0.85	10.5	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-02-0	Nickel	10.9		1	0.14	2.10	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7782-49-2	Selenium	0.27	UN	1	0.27	1.05	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-22-4	Silver	0.38	JN	1	0.13	0.52	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.10	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-62-2	Vanadium	27.0		1	0.26	2.10	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050
7440-66-6	Zinc	21.9	*	1	0.24	2.10	mg/Kg	04/23/25 10:30	04/23/25 17:47	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Metals Group1				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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OR = Over Range
N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV99	Mercury	3.91	4.0	98	90 - 110	CV	04/24/2025	08:03	LB135540

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV17	Mercury	5.04	5.0	101	90 - 110	CV	04/24/2025	08:07	LB135540
CCV18	Mercury	5.02	5.0	100	90 - 110	CV	04/24/2025	08:41	LB135540
CCV19	Mercury	5.06	5.0	101	90 - 110	CV	04/24/2025	09:08	LB135540
CCV20	Mercury	5.05	5.0	101	90 - 110	CV	04/24/2025	09:19	LB135540

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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2400	2500	96	90 - 110	P	04/23/2025	15:29	LB135538
	Antimony	974	1000	97	90 - 110	P	04/23/2025	15:29	LB135538
	Arsenic	990	1000	99	90 - 110	P	04/23/2025	15:29	LB135538
	Barium	553	520	106	90 - 110	P	04/23/2025	15:29	LB135538
	Beryllium	533	510	105	90 - 110	P	04/23/2025	15:29	LB135538
	Boron	2470	2500	99	90 - 110	P	04/23/2025	15:29	LB135538
	Cadmium	499	510	98	90 - 110	P	04/23/2025	15:29	LB135538
	Chromium	529	520	102	90 - 110	P	04/23/2025	15:29	LB135538
	Cobalt	539	520	104	90 - 110	P	04/23/2025	15:29	LB135538
	Copper	489	510	96	90 - 110	P	04/23/2025	15:29	LB135538
	Iron	10500	10000	105	90 - 110	P	04/23/2025	15:29	LB135538
	Lead	972	1000	97	90 - 110	P	04/23/2025	15:29	LB135538
	Manganese	517	520	100	90 - 110	P	04/23/2025	15:29	LB135538
	Molybdenum	2600	2500	104	90 - 110	P	04/23/2025	15:29	LB135538
	Nickel	542	530	102	90 - 110	P	04/23/2025	15:29	LB135538
	Selenium	1020	1000	102	90 - 110	P	04/23/2025	15:29	LB135538
	Silver	242	250	97	90 - 110	P	04/23/2025	15:29	LB135538
	Thallium	1010	1000	102	90 - 110	P	04/23/2025	15:29	LB135538
	Vanadium	513	500	102	90 - 110	P	04/23/2025	15:29	LB135538
	Zinc	981	1000	98	90 - 110	P	04/23/2025	15:29	LB135538

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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	98.1	100	98	80 - 120	P	04/23/2025	15:44	LB135538
	Antimony	53.8	50.0	108	80 - 120	P	04/23/2025	15:44	LB135538
	Arsenic	22.1	20.0	110	80 - 120	P	04/23/2025	15:44	LB135538
	Barium	91.7	100	92	80 - 120	P	04/23/2025	15:44	LB135538
	Beryllium	6.01	6.0	100	80 - 120	P	04/23/2025	15:44	LB135538
	Boron	104	100	104	80 - 120	P	04/23/2025	15:44	LB135538
	Cadmium	6.11	6.0	102	80 - 120	P	04/23/2025	15:44	LB135538
	Chromium	9.47	10.0	95	80 - 120	P	04/23/2025	15:44	LB135538
	Cobalt	29.3	30.0	98	80 - 120	P	04/23/2025	15:44	LB135538
	Copper	22.3	20.0	111	80 - 120	P	04/23/2025	15:44	LB135538
	Iron	106	100	106	80 - 120	P	04/23/2025	15:44	LB135538
	Lead	12.5	12.0	104	80 - 120	P	04/23/2025	15:44	LB135538
	Manganese	20.1	20.0	100	80 - 120	P	04/23/2025	15:44	LB135538
	Molybdenum	206	200	103	80 - 120	P	04/23/2025	15:44	LB135538
	Nickel	39.4	40.0	98	80 - 120	P	04/23/2025	15:44	LB135538
	Selenium	18.5	20.0	93	80 - 120	P	04/23/2025	15:44	LB135538
	Silver	10.2	10.0	102	80 - 120	P	04/23/2025	15:44	LB135538
	Thallium	45.6	40.0	114	80 - 120	P	04/23/2025	15:44	LB135538
	Vanadium	39.5	40.0	99	80 - 120	P	04/23/2025	15:44	LB135538
	Zinc	43.4	40.0	108	80 - 120	P	04/23/2025	15:44	LB135538

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- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9730	10000	97	90 - 110	P	04/23/2025	16:15	LB135538
	Antimony	5030	5000	101	90 - 110	P	04/23/2025	16:15	LB135538
	Arsenic	5030	5000	101	90 - 110	P	04/23/2025	16:15	LB135538
	Barium	9810	10000	98	90 - 110	P	04/23/2025	16:15	LB135538
	Beryllium	243	250	97	90 - 110	P	04/23/2025	16:15	LB135538
	Boron	4820	5000	96	90 - 110	P	04/23/2025	16:15	LB135538
	Cadmium	2470	2500	99	90 - 110	P	04/23/2025	16:15	LB135538
	Chromium	1000	1000	100	90 - 110	P	04/23/2025	16:15	LB135538
	Cobalt	2470	2500	99	90 - 110	P	04/23/2025	16:15	LB135538
	Copper	1260	1250	100	90 - 110	P	04/23/2025	16:15	LB135538
	Iron	5160	5000	103	90 - 110	P	04/23/2025	16:15	LB135538
	Lead	4970	5000	100	90 - 110	P	04/23/2025	16:15	LB135538
	Manganese	2420	2500	97	90 - 110	P	04/23/2025	16:15	LB135538
	Molybdenum	4990	5000	100	90 - 110	P	04/23/2025	16:15	LB135538
	Nickel	2480	2500	99	90 - 110	P	04/23/2025	16:15	LB135538
	Selenium	5080	5000	102	90 - 110	P	04/23/2025	16:15	LB135538
	Silver	1260	1250	101	90 - 110	P	04/23/2025	16:15	LB135538
	Thallium	4990	5000	100	90 - 110	P	04/23/2025	16:15	LB135538
	Vanadium	2430	2500	97	90 - 110	P	04/23/2025	16:15	LB135538
	Zinc	2520	2500	101	90 - 110	P	04/23/2025	16:15	LB135538
CCV02	Aluminum	9890	10000	99	90 - 110	P	04/23/2025	17:05	LB135538
	Antimony	4990	5000	100	90 - 110	P	04/23/2025	17:05	LB135538
	Arsenic	4950	5000	99	90 - 110	P	04/23/2025	17:05	LB135538
	Barium	9750	10000	98	90 - 110	P	04/23/2025	17:05	LB135538
	Beryllium	251	250	100	90 - 110	P	04/23/2025	17:05	LB135538
	Boron	5000	5000	100	90 - 110	P	04/23/2025	17:05	LB135538
	Cadmium	2460	2500	98	90 - 110	P	04/23/2025	17:05	LB135538
	Chromium	1010	1000	101	90 - 110	P	04/23/2025	17:05	LB135538
	Cobalt	2460	2500	99	90 - 110	P	04/23/2025	17:05	LB135538
	Copper	1250	1250	100	90 - 110	P	04/23/2025	17:05	LB135538
	Iron	4950	5000	99	90 - 110	P	04/23/2025	17:05	LB135538
	Lead	4930	5000	99	90 - 110	P	04/23/2025	17:05	LB135538
	Manganese	2430	2500	97	90 - 110	P	04/23/2025	17:05	LB135538
	Molybdenum	5010	5000	100	90 - 110	P	04/23/2025	17:05	LB135538

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Nickel	2470	2500	99	90 - 110	P	04/23/2025	17:05	LB135538
	Selenium	4970	5000	100	90 - 110	P	04/23/2025	17:05	LB135538
	Silver	1260	1250	100	90 - 110	P	04/23/2025	17:05	LB135538
	Thallium	4890	5000	98	90 - 110	P	04/23/2025	17:05	LB135538
	Vanadium	2460	2500	98	90 - 110	P	04/23/2025	17:05	LB135538
	Zinc	2510	2500	100	90 - 110	P	04/23/2025	17:05	LB135538
CCV03	Aluminum	9820	10000	98	90 - 110	P	04/23/2025	17:55	LB135538
	Antimony	5030	5000	101	90 - 110	P	04/23/2025	17:55	LB135538
	Arsenic	5030	5000	101	90 - 110	P	04/23/2025	17:55	LB135538
	Barium	9910	10000	99	90 - 110	P	04/23/2025	17:55	LB135538
	Beryllium	248	250	99	90 - 110	P	04/23/2025	17:55	LB135538
	Boron	4910	5000	98	90 - 110	P	04/23/2025	17:55	LB135538
	Cadmium	2510	2500	100	90 - 110	P	04/23/2025	17:55	LB135538
	Chromium	1020	1000	102	90 - 110	P	04/23/2025	17:55	LB135538
	Cobalt	2500	2500	100	90 - 110	P	04/23/2025	17:55	LB135538
	Copper	1260	1250	101	90 - 110	P	04/23/2025	17:55	LB135538
	Iron	5200	5000	104	90 - 110	P	04/23/2025	17:55	LB135538
	Lead	5020	5000	100	90 - 110	P	04/23/2025	17:55	LB135538
	Manganese	2450	2500	98	90 - 110	P	04/23/2025	17:55	LB135538
	Molybdenum	5030	5000	101	90 - 110	P	04/23/2025	17:55	LB135538
	Nickel	2500	2500	100	90 - 110	P	04/23/2025	17:55	LB135538
	Selenium	5030	5000	101	90 - 110	P	04/23/2025	17:55	LB135538
	Silver	1280	1250	102	90 - 110	P	04/23/2025	17:55	LB135538
	Thallium	4940	5000	99	90 - 110	P	04/23/2025	17:55	LB135538
	Vanadium	2480	2500	99	90 - 110	P	04/23/2025	17:55	LB135538
	Zinc	2550	2500	102	90 - 110	P	04/23/2025	17:55	LB135538
CCV04	Aluminum	9860	10000	99	90 - 110	P	04/23/2025	18:38	LB135538
	Antimony	4990	5000	100	90 - 110	P	04/23/2025	18:38	LB135538
	Arsenic	4980	5000	100	90 - 110	P	04/23/2025	18:38	LB135538
	Barium	9730	10000	97	90 - 110	P	04/23/2025	18:38	LB135538
	Beryllium	251	250	100	90 - 110	P	04/23/2025	18:38	LB135538
	Boron	4950	5000	99	90 - 110	P	04/23/2025	18:38	LB135538
	Cadmium	2480	2500	99	90 - 110	P	04/23/2025	18:38	LB135538
	Chromium	1010	1000	101	90 - 110	P	04/23/2025	18:38	LB135538

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Cobalt	2470	2500	99	90 - 110	P	04/23/2025	18:38	LB135538
	Copper	1250	1250	100	90 - 110	P	04/23/2025	18:38	LB135538
	Iron	5070	5000	102	90 - 110	P	04/23/2025	18:38	LB135538
	Lead	4960	5000	99	90 - 110	P	04/23/2025	18:38	LB135538
	Manganese	2430	2500	97	90 - 110	P	04/23/2025	18:38	LB135538
	Molybdenum	4990	5000	100	90 - 110	P	04/23/2025	18:38	LB135538
	Nickel	2480	2500	99	90 - 110	P	04/23/2025	18:38	LB135538
	Selenium	5000	5000	100	90 - 110	P	04/23/2025	18:38	LB135538
	Silver	1260	1250	101	90 - 110	P	04/23/2025	18:38	LB135538
	Thallium	4890	5000	98	90 - 110	P	04/23/2025	18:38	LB135538
	Vanadium	2470	2500	99	90 - 110	P	04/23/2025	18:38	LB135538
	Zinc	2520	2500	101	90 - 110	P	04/23/2025	18:38	LB135538

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CRDL STANDARD FOR AA & ICP

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	95.1	100	95	40 - 160	P	04/23/2025	15:53	LB135538
	Antimony	51.3	50.0	102	40 - 160	P	04/23/2025	15:53	LB135538
	Arsenic	20.4	20.0	102	40 - 160	P	04/23/2025	15:53	LB135538
	Barium	88.7	100	89	40 - 160	P	04/23/2025	15:53	LB135538
	Beryllium	5.75	6.0	96	40 - 160	P	04/23/2025	15:53	LB135538
	Boron	96.5	100	96	40 - 160	P	04/23/2025	15:53	LB135538
	Cadmium	6.07	6.0	101	40 - 160	P	04/23/2025	15:53	LB135538
	Chromium	9.31	10.0	93	40 - 160	P	04/23/2025	15:53	LB135538
	Cobalt	28.9	30.0	96	40 - 160	P	04/23/2025	15:53	LB135538
	Copper	22.7	20.0	113	40 - 160	P	04/23/2025	15:53	LB135538
	Iron	92.0	100	92	40 - 160	P	04/23/2025	15:53	LB135538
	Lead	10.1	12.0	84	40 - 160	P	04/23/2025	15:53	LB135538
	Manganese	20.6	20.0	103	40 - 160	P	04/23/2025	15:53	LB135538
	Molybdenum	207	200	103	40 - 160	P	04/23/2025	15:53	LB135538
	Nickel	39.4	40.0	98	40 - 160	P	04/23/2025	15:53	LB135538
	Selenium	18.2	20.0	91	40 - 160	P	04/23/2025	15:53	LB135538
	Silver	9.37	10.0	94	40 - 160	P	04/23/2025	15:53	LB135538
	Thallium	41.5	40.0	104	40 - 160	P	04/23/2025	15:53	LB135538
	Vanadium	39.3	40.0	98	40 - 160	P	04/23/2025	15:53	LB135538
	Zinc	42.0	40.0	105	40 - 160	P	04/23/2025	15:53	LB135538
CRA	Mercury	0.24	0.2	118	40 - 160	CV	04/24/2025	08:12	LB135540

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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB99	Mercury	0.20	+/-0.20	U	0.20	CV	04/24/2025	08:05	LB135540

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB17	Mercury	0.20	+/-0.20	U	0.20	CV	04/24/2025	08:10	LB135540
CCB18	Mercury	0.20	+/-0.20	U	0.20	CV	04/24/2025	08:43	LB135540
CCB19	Mercury	0.20	+/-0.20	U	0.20	CV	04/24/2025	09:10	LB135540
CCB20	Mercury	0.20	+/-0.20	U	0.20	CV	04/24/2025	09:22	LB135540

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	04/23/2025	15:49	LB135538
	Antimony	50.0	+/-50.0	U	50.0	P	04/23/2025	15:49	LB135538
	Arsenic	20.0	+/-20.0	U	20.0	P	04/23/2025	15:49	LB135538
	Barium	100	+/-100	U	100	P	04/23/2025	15:49	LB135538
	Beryllium	6.00	+/-6.00	U	6.00	P	04/23/2025	15:49	LB135538
	Boron	100	+/-100	U	100	P	04/23/2025	15:49	LB135538
	Cadmium	6.00	+/-6.00	U	6.00	P	04/23/2025	15:49	LB135538
	Chromium	10.0	+/-10.0	U	10.0	P	04/23/2025	15:49	LB135538
	Cobalt	30.0	+/-30.0	U	30.0	P	04/23/2025	15:49	LB135538
	Copper	20.0	+/-20.0	U	20.0	P	04/23/2025	15:49	LB135538
	Iron	100	+/-100	U	100	P	04/23/2025	15:49	LB135538
	Lead	12.0	+/-12.0	U	12.0	P	04/23/2025	15:49	LB135538
	Manganese	20.0	+/-20.0	U	20.0	P	04/23/2025	15:49	LB135538
	Molybdenum	200	+/-200	U	200	P	04/23/2025	15:49	LB135538
	Nickel	40.0	+/-40.0	U	40.0	P	04/23/2025	15:49	LB135538
	Selenium	20.0	+/-20.0	U	20.0	P	04/23/2025	15:49	LB135538
	Silver	10.0	+/-10.0	U	10.0	P	04/23/2025	15:49	LB135538
	Thallium	40.0	+/-40.0	U	40.0	P	04/23/2025	15:49	LB135538
	Vanadium	40.0	+/-40.0	U	40.0	P	04/23/2025	15:49	LB135538
	Zinc	40.0	+/-40.0	U	40.0	P	04/23/2025	15:49	LB135538

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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	04/23/2025	16:19	LB135538
	Antimony	50.0	+/-50.0	U	50.0	P	04/23/2025	16:19	LB135538
	Arsenic	20.0	+/-20.0	U	20.0	P	04/23/2025	16:19	LB135538
	Barium	100	+/-100	U	100	P	04/23/2025	16:19	LB135538
	Beryllium	6.00	+/-6.00	U	6.00	P	04/23/2025	16:19	LB135538
	Boron	100	+/-100	U	100	P	04/23/2025	16:19	LB135538
	Cadmium	6.00	+/-6.00	U	6.00	P	04/23/2025	16:19	LB135538
	Chromium	10.0	+/-10.0	U	10.0	P	04/23/2025	16:19	LB135538
	Cobalt	30.0	+/-30.0	U	30.0	P	04/23/2025	16:19	LB135538
	Copper	20.0	+/-20.0	U	20.0	P	04/23/2025	16:19	LB135538
	Iron	100	+/-100	U	100	P	04/23/2025	16:19	LB135538
	Lead	12.0	+/-12.0	U	12.0	P	04/23/2025	16:19	LB135538
	Manganese	20.0	+/-20.0	U	20.0	P	04/23/2025	16:19	LB135538
	Molybdenum	200	+/-200	U	200	P	04/23/2025	16:19	LB135538
	Nickel	40.0	+/-40.0	U	40.0	P	04/23/2025	16:19	LB135538
	Selenium	20.0	+/-20.0	U	20.0	P	04/23/2025	16:19	LB135538
	Silver	10.0	+/-10.0	U	10.0	P	04/23/2025	16:19	LB135538
	Thallium	40.0	+/-40.0	U	40.0	P	04/23/2025	16:19	LB135538
	Vanadium	40.0	+/-40.0	U	40.0	P	04/23/2025	16:19	LB135538
	Zinc	40.0	+/-40.0	U	40.0	P	04/23/2025	16:19	LB135538
CCB02	Aluminum	100	+/-100	U	100	P	04/23/2025	17:09	LB135538
	Antimony	50.0	+/-50.0	U	50.0	P	04/23/2025	17:09	LB135538
	Arsenic	20.0	+/-20.0	U	20.0	P	04/23/2025	17:09	LB135538
	Barium	100	+/-100	U	100	P	04/23/2025	17:09	LB135538
	Beryllium	6.00	+/-6.00	U	6.00	P	04/23/2025	17:09	LB135538
	Boron	100	+/-100	U	100	P	04/23/2025	17:09	LB135538
	Cadmium	6.00	+/-6.00	U	6.00	P	04/23/2025	17:09	LB135538
	Chromium	10.0	+/-10.0	U	10.0	P	04/23/2025	17:09	LB135538
	Cobalt	30.0	+/-30.0	U	30.0	P	04/23/2025	17:09	LB135538
	Copper	20.0	+/-20.0	U	20.0	P	04/23/2025	17:09	LB135538
	Iron	100	+/-100	U	100	P	04/23/2025	17:09	LB135538
	Lead	12.0	+/-12.0	U	12.0	P	04/23/2025	17:09	LB135538
	Manganese	20.0	+/-20.0	U	20.0	P	04/23/2025	17:09	LB135538
	Molybdenum	200	+/-200	U	200	P	04/23/2025	17:09	LB135538
	Nickel	40.0	+/-40.0	U	40.0	P	04/23/2025	17:09	LB135538
	Selenium	20.0	+/-20.0	U	20.0	P	04/23/2025	17:09	LB135538
	Silver	10.0	+/-10.0	U	10.0	P	04/23/2025	17:09	LB135538
	Thallium	40.0	+/-40.0	U	40.0	P	04/23/2025	17:09	LB135538
	Vanadium	40.0	+/-40.0	U	40.0	P	04/23/2025	17:09	LB135538

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Zinc	40.0	+/-40.0	U	40.0	P	04/23/2025	17:09	LB135538
CCB03	Aluminum	100	+/-100	U	100	P	04/23/2025	17:59	LB135538
	Antimony	50.0	+/-50.0	U	50.0	P	04/23/2025	17:59	LB135538
	Arsenic	20.0	+/-20.0	U	20.0	P	04/23/2025	17:59	LB135538
	Barium	100	+/-100	U	100	P	04/23/2025	17:59	LB135538
	Beryllium	6.00	+/-6.00	U	6.00	P	04/23/2025	17:59	LB135538
	Boron	100	+/-100	U	100	P	04/23/2025	17:59	LB135538
	Cadmium	6.00	+/-6.00	U	6.00	P	04/23/2025	17:59	LB135538
	Chromium	10.0	+/-10.0	U	10.0	P	04/23/2025	17:59	LB135538
	Cobalt	30.0	+/-30.0	U	30.0	P	04/23/2025	17:59	LB135538
	Copper	20.0	+/-20.0	U	20.0	P	04/23/2025	17:59	LB135538
	Iron	100	+/-100	U	100	P	04/23/2025	17:59	LB135538
	Lead	12.0	+/-12.0	U	12.0	P	04/23/2025	17:59	LB135538
	Manganese	20.0	+/-20.0	U	20.0	P	04/23/2025	17:59	LB135538
	Molybdenum	200	+/-200	U	200	P	04/23/2025	17:59	LB135538
	Nickel	40.0	+/-40.0	U	40.0	P	04/23/2025	17:59	LB135538
	Selenium	20.0	+/-20.0	U	20.0	P	04/23/2025	17:59	LB135538
	Silver	10.0	+/-10.0	U	10.0	P	04/23/2025	17:59	LB135538
	Thallium	40.0	+/-40.0	U	40.0	P	04/23/2025	17:59	LB135538
	Vanadium	40.0	+/-40.0	U	40.0	P	04/23/2025	17:59	LB135538
	Zinc	40.0	+/-40.0	U	40.0	P	04/23/2025	17:59	LB135538
CCB04	Aluminum	100	+/-100	U	100	P	04/23/2025	18:42	LB135538
	Antimony	50.0	+/-50.0	U	50.0	P	04/23/2025	18:42	LB135538
	Arsenic	20.0	+/-20.0	U	20.0	P	04/23/2025	18:42	LB135538
	Barium	100	+/-100	U	100	P	04/23/2025	18:42	LB135538
	Beryllium	6.00	+/-6.00	U	6.00	P	04/23/2025	18:42	LB135538
	Boron	100	+/-100	U	100	P	04/23/2025	18:42	LB135538
	Cadmium	6.00	+/-6.00	U	6.00	P	04/23/2025	18:42	LB135538
	Chromium	10.0	+/-10.0	U	10.0	P	04/23/2025	18:42	LB135538
	Cobalt	30.0	+/-30.0	U	30.0	P	04/23/2025	18:42	LB135538
	Copper	20.0	+/-20.0	U	20.0	P	04/23/2025	18:42	LB135538
	Iron	100	+/-100	U	100	P	04/23/2025	18:42	LB135538
	Lead	12.0	+/-12.0	U	12.0	P	04/23/2025	18:42	LB135538
	Manganese	20.0	+/-20.0	U	20.0	P	04/23/2025	18:42	LB135538
	Molybdenum	200	+/-200	U	200	P	04/23/2025	18:42	LB135538
	Nickel	40.0	+/-40.0	U	40.0	P	04/23/2025	18:42	LB135538
	Selenium	20.0	+/-20.0	U	20.0	P	04/23/2025	18:42	LB135538
	Silver	10.0	+/-10.0	U	10.0	P	04/23/2025	18:42	LB135538
	Thallium	40.0	+/-40.0	U	40.0	P	04/23/2025	18:42	LB135538

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Vanadium	40.0	+/-40.0	U	40.0	P	04/23/2025	18:42	LB135538
	Zinc	40.0	+/-40.0	U	40.0	P	04/23/2025	18:42	LB135538

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Metals
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PREPARATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167718BL		**SOLID**		**Batch Number:**	**PB167718**		**Prep Date:**	**04/23/2025**	
	Mercury	0.013	<0.013	U	0.013	CV	04/24/2025	08:22	LB135540

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Metals
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PREPARATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167713BL		**SOLID**		**Batch Number:**	**PB167713**		**Prep Date:**	**04/23/2025**	
	Aluminum	4.98	<4.98	U	4.98	P	04/23/2025	16:23	LB135538
	Antimony	2.49	<2.49	U	2.49	P	04/23/2025	16:23	LB135538
	Arsenic	1.00	<1.00	U	1.00	P	04/23/2025	16:23	LB135538
	Barium	4.98	<4.98	U	4.98	P	04/23/2025	16:23	LB135538
	Beryllium	0.30	<0.30	U	0.30	P	04/23/2025	16:23	LB135538
	Boron	4.98	<4.98	U	4.98	P	04/23/2025	16:23	LB135538
	Cadmium	0.30	<0.30	U	0.30	P	04/23/2025	16:23	LB135538
	Chromium	0.50	<0.50	U	0.50	P	04/23/2025	16:23	LB135538
	Cobalt	1.49	<1.49	U	1.49	P	04/23/2025	16:23	LB135538
	Copper	1.00	<1.00	U	1.00	P	04/23/2025	16:23	LB135538
	Iron	4.98	<4.98	U	4.98	P	04/23/2025	16:23	LB135538
	Lead	0.60	<0.60	U	0.60	P	04/23/2025	16:23	LB135538
	Manganese	1.00	<1.00	U	1.00	P	04/23/2025	16:23	LB135538
	Molybdenum	9.95	<9.95	U	9.95	P	04/23/2025	16:23	LB135538
	Nickel	1.99	<1.99	U	1.99	P	04/23/2025	16:23	LB135538
	Selenium	1.00	<1.00	U	1.00	P	04/23/2025	16:23	LB135538
	Silver	0.50	<0.50	U	0.50	P	04/23/2025	16:23	LB135538
	Thallium	1.99	<1.99	U	1.99	P	04/23/2025	16:23	LB135538
	Vanadium	1.99	<1.99	U	1.99	P	04/23/2025	16:23	LB135538
	Zinc	1.99	<1.99	U	1.99	P	04/23/2025	16:23	LB135538

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	230000	255000	90	216000	294000	04/23/2025	15:58	LB135538
	Antimony	-2.40			-50	50	04/23/2025	15:58	LB135538
	Arsenic	3.98			-20	20	04/23/2025	15:58	LB135538
	Barium	2.89	6.0	48	-94	106	04/23/2025	15:58	LB135538
	Beryllium	0.51			-6	6	04/23/2025	15:58	LB135538
	Boron	35.2	1000	4	-100	100	04/23/2025	15:58	LB135538
	Cadmium	-2.92	1.0	292	-5	7	04/23/2025	15:58	LB135538
	Chromium	53.1	52.0	102	42	62	04/23/2025	15:58	LB135538
	Cobalt	0.76			-30	30	04/23/2025	15:58	LB135538
	Copper	5.71	2.0	286	-18	22	04/23/2025	15:58	LB135538
	Iron	94900	101000	94	85600	116500	04/23/2025	15:58	LB135538
	Lead	-1.66			-12	12	04/23/2025	15:58	LB135538
	Manganese	2.40	7.0	34	-13	27	04/23/2025	15:58	LB135538
	Molybdenum	0.20	1000		-200	200	04/23/2025	15:58	LB135538
	Nickel	1.73	2.0	86	-38	42	04/23/2025	15:58	LB135538
	Selenium	-1.75			-20	20	04/23/2025	15:58	LB135538
	Silver	1.29			-10	10	04/23/2025	15:58	LB135538
	Thallium	9.27			-40	40	04/23/2025	15:58	LB135538
	Vanadium	2.62			-40	40	04/23/2025	15:58	LB135538
	Zinc	3.65			-40	40	04/23/2025	15:58	LB135538
ICSAB01	Aluminum	230000	247000	93	209000	285000	04/23/2025	16:02	LB135538
	Antimony	619	618	100	525	711	04/23/2025	16:02	LB135538
	Arsenic	111	104	107	88.4	120	04/23/2025	16:02	LB135538
	Barium	466	537	87	437	637	04/23/2025	16:02	LB135538
	Beryllium	469	495	95	420	570	04/23/2025	16:02	LB135538
	Boron	950	1000	95	850	1150	04/23/2025	16:02	LB135538
	Cadmium	1000	972	103	826	1120	04/23/2025	16:02	LB135538
	Chromium	547	542	101	460	624	04/23/2025	16:02	LB135538
	Cobalt	489	476	103	404	548	04/23/2025	16:02	LB135538
	Copper	480	511	94	434	588	04/23/2025	16:02	LB135538
	Iron	97700	99300	98	84400	114500	04/23/2025	16:02	LB135538
	Lead	45.3	49.0	92	37	61	04/23/2025	16:02	LB135538
	Manganese	463	507	91	430	584	04/23/2025	16:02	LB135538
	Molybdenum	1030	1000	103	850	1150	04/23/2025	16:02	LB135538
	Nickel	971	954	102	810	1100	04/23/2025	16:02	LB135538
	Selenium	48.0	46.0	104	26	66	04/23/2025	16:02	LB135538
	Silver	178	201	89	170	232	04/23/2025	16:02	LB135538
	Thallium	107	108	99	68	148	04/23/2025	16:02	LB135538
	Vanadium	455	491	93	417	565	04/23/2025	16:02	LB135538
	Zinc	1030	952	108	809	1095	04/23/2025	16:02	LB135538

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1859

contract: POWE02 **lab code:** CHEM **case no.:** Q1859 **sas no.:** Q1859

matrix: Solid **sample id:** Q1852-01 **client id:** ETGI-354MS

Percent Solids for Sample: 92.5 **Spiked ID:** Q1852-01MS **Percent Solids for Spike Sample:** 92.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.26		0.014	U	0.27	97		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1859

contract: POWE02 **lab code:** CHEM **case no.:** Q1859 **sas no.:** Q1859

matrix: Solid **sample id:** Q1852-01 **client id:** ETGI-354MSD

Percent Solids for Sample: 92.5 **Spiked ID:** Q1852-01MSD **Percent Solids for Spike Sample:** 92.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.24		0.014	U	0.27	90		CV

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metals
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MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1859

contract: POWE02 **lab code:** CHEM **case no.:** Q1859 **sas no.:** Q1859

matrix: Solid **sample id:** Q1858-01 **client id:** COMP-1MS

Percent Solids for Sample: 83.9 **Spiked ID:** Q1858-01MS **Percent Solids for Spike Sample:** 83.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	22800		24600		110	-1658		P
Antimony	mg/Kg	75 - 125	9.38		2.82	U	43.9	21	N	P
Arsenic	mg/Kg	75 - 125	31.2		5.92		43.9	58	N	P
Barium	mg/Kg	75 - 125	151		146		11.0	48		P
Beryllium	mg/Kg	75 - 125	8.03		2.29		11.0	52	N	P
Boron	mg/Kg	75 - 125	20.8		14.1		16.5	41	N	P
Cadmium	mg/Kg	75 - 125	13.3		3.68		11.0	88		P
Chromium	mg/Kg	75 - 125	61.1		57.6		22.0	16	N	P
Cobalt	mg/Kg	75 - 125	43.4		34.6		11.0	80		P
Copper	mg/Kg	75 - 125	76.9		71.3		16.5	34		P
Iron	mg/Kg	75 - 125	39600		45400		160	-3618		P
Lead	mg/Kg	75 - 125	71.9		24.7		54.9	86		P
Manganese	mg/Kg	75 - 125	362		401		11.0	-348		P
Molybdenum	mg/Kg	75 - 125	19.6		7.80	J	22.0	54	N	P
Nickel	mg/Kg	75 - 125	58.8		35.3		27.5	86		P
Selenium	mg/Kg	75 - 125	60.2		1.13	U	110	55	N	P
Silver	mg/Kg	75 - 125	3.19		0.65		4.1	62	N	P
Thallium	mg/Kg	75 - 125	90.4		2.26	U	110	82		P
Vanadium	mg/Kg	75 - 125	120		124		16.5	-27		P
Zinc	mg/Kg	75 - 125	93.3		92.7		11.0	5		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1859

contract: POWE02 **lab code:** CHEM **case no.:** Q1859 **sas no.:** Q1859

matrix: Solid **sample id:** Q1858-01 **client id:** COMP-1MSD

Percent Solids for Sample: 83.9 **Spiked ID:** Q1858-01MSD **Percent Solids for Spike Sample:** 83.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	23100		24600		110	-1327		P
Antimony	mg/Kg	75 - 125	10.2		2.82	U	45.2	22	N	P
Arsenic	mg/Kg	75 - 125	32.7		5.92		45.2	59	N	P
Barium	mg/Kg	75 - 125	154		146		11.3	73		P
Beryllium	mg/Kg	75 - 125	8.20		2.29		11.3	52	N	P
Boron	mg/Kg	75 - 125	26.5		14.1		16.9	73	N	P
Cadmium	mg/Kg	75 - 125	13.1		3.68		11.3	83		P
Chromium	mg/Kg	75 - 125	63.0		57.6		22.6	24	N	P
Cobalt	mg/Kg	75 - 125	44.4		34.6		11.3	87		P
Copper	mg/Kg	75 - 125	82.9		71.3		16.9	69		P
Iron	mg/Kg	75 - 125	41700		45400		170	-2183		P
Lead	mg/Kg	75 - 125	76.2		24.7		56.5	91		P
Manganese	mg/Kg	75 - 125	408		401		11.3	69		P
Molybdenum	mg/Kg	75 - 125	21.8		7.80	J	22.6	62	N	P
Nickel	mg/Kg	75 - 125	59.4		35.3		28.2	85		P
Selenium	mg/Kg	75 - 125	63.4		1.13	U	110	58	N	P
Silver	mg/Kg	75 - 125	3.50		0.65		4.2	68	N	P
Thallium	mg/Kg	75 - 125	93.2		2.26	U	110	85		P
Vanadium	mg/Kg	75 - 125	120		124		16.9	-27		P
Zinc	mg/Kg	75 - 125	165		92.7		11.3	642		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Matrix: Solid **Level:** LOW **Client ID:** COMP-1A

Sample ID: Q1858-01 **Spiked ID:** Q1858-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	9.69		2.82	U	45.2	21		P
Arsenic	mg/Kg	75 - 125	31.8		5.92		45.2	57		P
Beryllium	mg/Kg	75 - 125	8.77		2.29		11.3	57		P
Boron	mg/Kg	75 - 125	20.6		14.1		16.9	39		P
Chromium	mg/Kg	75 - 125	63.0		57.6		22.6	24		P
Molybdenum	mg/Kg	75 - 125	21.2		7.80	J	22.6	59		P
Selenium	mg/Kg	75 - 125	60.7		1.13	U	110	55		P
Silver	mg/Kg	75 - 125	2.96		0.65		4.20	55		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Matrix: Solid **Sample ID:** Q1852-01 **Client ID:** ETGI-354DUP

Percent Solids for Sample: 92.5 **Duplicate ID** Q1852-01DUP **Percent Solids for Spike Sample:** 92.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.014	U	0.013	U			CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Matrix: Solid **Sample ID:** Q1852-01MS **Client ID:** ETGI-354MSD

Percent Solids for Sample: 92.5 **Duplicate ID** Q1852-01MSD **Percent Solids for Spike Sample:** 92.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.26		0.24		7		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Matrix: Solid **Sample ID:** Q1858-01 **Client ID:** COMP-1DUP

Percent Solids for Sample: 83.9 **Duplicate ID** Q1858-01DUP **Percent Solids for Spike Sample:** 83.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	24600		22800		8		P
Antimony	mg/Kg	20	2.82	U	2.77	U			P
Arsenic	mg/Kg	20	5.92		5.61		5		P
Barium	mg/Kg	20	146		138		6		P
Beryllium	mg/Kg	20	2.29		1.89		19		P
Boron	mg/Kg	20	14.1		16.8		17		P
Cadmium	mg/Kg	20	3.68		2.74		29	*	P
Chromium	mg/Kg	20	57.6		50.4		13		P
Cobalt	mg/Kg	20	34.6		31.6		9		P
Copper	mg/Kg	20	71.3		64.0		11		P
Iron	mg/Kg	20	45400		42000		8		P
Lead	mg/Kg	20	24.7		25.1		2		P
Manganese	mg/Kg	20	401		366		9		P
Molybdenum	mg/Kg	20	7.80	J	7.77	J	0		P
Nickel	mg/Kg	20	35.3		33.9		4		P
Selenium	mg/Kg	20	1.13	U	1.11	U			P
Silver	mg/Kg	20	0.65		0.85		26		P
Thallium	mg/Kg	20	2.26	U	2.22	U			P
Vanadium	mg/Kg	20	124		109		13		P
Zinc	mg/Kg	20	92.7		88.6		5		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Matrix: Solid **Sample ID:** Q1858-01MS **Client ID:** COMP-1MSD

Percent Solids for Sample: 83.9 **Duplicate ID** Q1858-01MSD **Percent Solids for Spike Sample:** 83.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	22800		23100		1		P
Antimony	mg/Kg	20	9.38		10.2		8		P
Arsenic	mg/Kg	20	31.2		32.7		5		P
Barium	mg/Kg	20	151		154		2		P
Beryllium	mg/Kg	20	8.03		8.20		2		P
Boron	mg/Kg	20	20.8		26.5		24	*	P
Cadmium	mg/Kg	20	13.3		13.1		2		P
Chromium	mg/Kg	20	61.1		63.0		3		P
Cobalt	mg/Kg	20	43.4		44.4		2		P
Copper	mg/Kg	20	76.9		82.9		8		P
Iron	mg/Kg	20	39600		41700		5		P
Lead	mg/Kg	20	71.9		76.2		6		P
Manganese	mg/Kg	20	362		408		12		P
Molybdenum	mg/Kg	20	19.6		21.8		11		P
Nickel	mg/Kg	20	58.8		59.4		1		P
Selenium	mg/Kg	20	60.2		63.4		5		P
Silver	mg/Kg	20	3.19		3.50		9		P
Thallium	mg/Kg	20	90.4		93.2		3		P
Vanadium	mg/Kg	20	120		120		0		P
Zinc	mg/Kg	20	93.3		165		56	*	P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167713BS							
Aluminum	mg/Kg	92.6	87.2		94	80 - 120	P
Antimony	mg/Kg	37.0	39.1		106	80 - 120	P
Arsenic	mg/Kg	37.0	37.8		102	80 - 120	P
Barium	mg/Kg	9.3	8.71		94	80 - 120	P
Beryllium	mg/Kg	9.3	8.62		93	80 - 120	P
Boron	mg/Kg	13.9	12.8		92	80 - 120	P
Cadmium	mg/Kg	9.3	9.35		100	80 - 120	P
Chromium	mg/Kg	18.5	18.7		101	80 - 120	P
Cobalt	mg/Kg	9.3	9.05		97	80 - 120	P
Copper	mg/Kg	13.9	14.2		102	80 - 120	P
Iron	mg/Kg	140	146		104	80 - 120	P
Lead	mg/Kg	46.3	46.3		100	80 - 120	P
Manganese	mg/Kg	9.3	9.15		98	80 - 120	P
Molybdenum	mg/Kg	18.5	19.6		106	80 - 120	P
Nickel	mg/Kg	23.1	22.8		99	80 - 120	P
Selenium	mg/Kg	92.6	95.4		103	80 - 120	P
Silver	mg/Kg	3.5	3.49		100	80 - 120	P
Thallium	mg/Kg	92.6	93.4		101	80 - 120	P
Vanadium	mg/Kg	13.9	13.4		96	80 - 120	P
Zinc	mg/Kg	9.3	9.55		103	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167718BS							
Mercury	mg/Kg	0.26	0.25		94	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

ETGI-354L

Lab Name: Chemtech Consulting Group **Contract:** POWE02

Lab Code: CHEM **Lb No.:** lb135540 **Lab Sample ID :** Q1852-01L **SDG No.:** Q1859

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.014	U	0.070	U			CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

COMP-1L

Lab Name: Chemtech Consulting Group **Contract:** POWE02

Lab Code: CHEM **Lb No.:** lb135538 **Lab Sample ID :** Q1858-01L **SDG No.:** Q1859

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	24600		33700		37		P
Antimony	2.82	U	14.1	U			P
Arsenic	5.92		7.96		35		P
Barium	146		202		38		P
Beryllium	2.29		3.20		40		P
Boron	14.1		31.0		121		P
Cadmium	3.68		1.69	U	100.0		P
Chromium	57.6		84.2		46		P
Cobalt	34.6		34.4		0		P
Copper	71.3		106		48		P
Iron	45400		69100		52		P
Lead	24.7		25.3		2		P
Manganese	401		575		44		P
Molybdenum	7.80	J	10.9	J	39		P
Nickel	35.3		37.1		5		P
Selenium	1.13	U	5.65	U			P
Silver	0.65		1.70	J	161		P
Thallium	2.26	U	11.3	U			P
Vanadium	124		178		43		P
Zinc	92.7		133		44		P

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Method:**

Case No.: Q1859 **SAS No.:** Q1859

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167713**						
PB167713BL	PB167713BL	MB	SOLID	04/23/2025	2.01	100.0	100.00
PB167713BS	PB167713BS	LCS	SOLID	04/23/2025	2.16	100.0	100.00
Q1858-01DUP	COMP-1DUP	DUP	SOLID	04/23/2025	2.15	100.0	83.90
Q1858-01MS	COMP-1MS	MS	SOLID	04/23/2025	2.17	100.0	83.90
Q1858-01MSD	COMP-1MSD	MSD	SOLID	04/23/2025	2.11	100.0	83.90
Q1859-01	COMP-1	SAM	SOLID	04/23/2025	2.17	100.0	79.60
Q1859-02	COMP-2	SAM	SOLID	04/23/2025	2.17	100.0	83.20
Q1859-03	COMP-3	SAM	SOLID	04/23/2025	2.23	100.0	85.60

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SAMPLE PREPARATION SUMMARY

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Method:**

Case No.: Q1859 **SAS No.:** Q1859

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167718**						
PB167718BL	PB167718BL	MB	SOLID	04/23/2025	0.55	35.0	100.00
PB167718BS	PB167718BS	LCS	SOLID	04/23/2025	0.53	35.0	100.00
Q1852-01DUP	ETGI-354DUP	DUP	SOLID	04/23/2025	0.58	35.0	92.50
Q1852-01MS	ETGI-354MS	MS	SOLID	04/23/2025	0.56	35.0	92.50
Q1852-01MSD	ETGI-354MSD	MSD	SOLID	04/23/2025	0.56	35.0	92.50
Q1859-01	COMP-1	SAM	SOLID	04/23/2025	0.50	35.0	79.60
Q1859-02	COMP-2	SAM	SOLID	04/23/2025	0.57	35.0	83.20
Q1859-03	COMP-3	SAM	SOLID	04/23/2025	0.54	35.0	85.60

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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: CHEM **Case no.:** Q1859 **Sas no.:** Q1859 **Sdg no.:** Q1859

Instrument id number: **Method:** **Run number:** LB135538

Start date: 04/23/2025 **End date:** 04/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1439	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1443	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1447	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1452	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1456	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1500	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1529	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1544	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1549	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1553	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1558	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1602	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1615	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1619	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
PB167713BL	PB167713BL	1	1623	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
PB167713BS	PB167713BS	1	1627	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1858-01DUP	COMP-1DUP	1	1700	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1705	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1709	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1858-01L	COMP-1L	5	1713	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1858-01MS	COMP-1MS	1	1717	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1858-01MSD	COMP-1MSD	1	1722	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1858-01A	COMP-1A	1	1726	Ag,As,B,Be,Cr,Mo,Sb,Se
Q1859-01	COMP-1	1	1739	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1859-02	COMP-2	1	1743	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1859-03	COMP-3	1	1747	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1755	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1759	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1838	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1842	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: CHEM **Case no.:** Q1859 **Sas no.:** Q1859 **Sdg no.:** Q1859

Instrument id number: **Method:** **Run number:** LB135540

Start date: 04/24/2025 **End date:** 04/24/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0745	HG
S0.2	S0.2	1	0748	HG
S2.5	S2.5	1	0750	HG
S5	S5	1	0752	HG
S7.5	S7.5	1	0754	HG
S10	S10	1	0800	HG
ICV99	ICV99	1	0803	HG
ICB99	ICB99	1	0805	HG
CCV17	CCV17	1	0807	HG
CCB17	CCB17	1	0810	HG
CRA	CRA	1	0812	HG
PB167718BL	PB167718BL	1	0822	HG
PB167718BS	PB167718BS	1	0824	HG
Q1852-01DUP	ETGI-354DUP	1	0831	HG
Q1852-01MS	ETGI-354MS	1	0834	HG
Q1852-01MSD	ETGI-354MSD	1	0836	HG
CCV18	CCV18	1	0841	HG
CCB18	CCB18	1	0843	HG
Q1859-01	COMP-1	1	0903	HG
Q1859-02	COMP-2	1	0906	HG
CCV19	CCV19	1	0908	HG
CCB19	CCB19	1	0910	HG
Q1859-03	COMP-3	1	0913	HG
Q1852-01L	ETGI-354L	5	0915	HG
CCV20	CCV20	1	0919	HG
CCB20	CCB20	1	0922	HG

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LAB CHRONICLE

OrderID:	Q1859	**OrderDate:**	4/22/2025 2:55:00 PM
Client:	Kleinfelder	**Project:**	Lincoln High School
Contact:	Mark Warchol	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1859-01	**COMP-1**	**SOIL**			**04/18/25 08:55**			**04/22/25**
			Ammonia	SM4500-NH3		04/24/25	04/25/25 11:59	
			Anions Group1	9056A			04/23/25 12:53	
			Hexavalent Chromium	7196A		04/23/25	04/23/25 13:54	
			Trivalent Chromium	6010D			04/23/25 17:39	
Q1859-02	**COMP-2**	**SOIL**			**04/18/25 09:40**			**04/22/25**
			Ammonia	SM4500-NH3		04/24/25	04/25/25 11:59	
			Anions Group1	9056A			04/23/25 13:15	
			Hexavalent Chromium	7196A		04/23/25	04/23/25 13:55	
			Trivalent Chromium	6010D			04/23/25 17:43	
Q1859-03	**COMP-3**	**SOIL**			**04/18/25 10:20**			**04/22/25**
			Ammonia	SM4500-NH3		04/24/25	04/25/25 11:59	
			Anions Group1	9056A			04/23/25 13:36	
			Hexavalent Chromium	7196A		04/23/25	04/23/25 13:56	
			Trivalent Chromium	6010D			04/23/25 17:47	

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25 08:55
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-1	SDG No.:	Q1859
Lab Sample ID:	Q1859-01	Matrix:	SOIL
		% Solid:	79.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.70	U	1	2.70	6.20	mg/Kg	04/24/25 13:00	04/25/25 11:59	SM 4500-NH3 B plus G-11
Chloride	4.80	J	1	4.40	15.0	mg/Kg		04/23/25 12:53	9056A
Fluoride	4.70	J	1	2.20	10.0	mg/Kg		04/23/25 12:53	9056A
Sulfate	18.0	J	1	11.0	75.2	mg/Kg		04/23/25 12:53	9056A
Hexavalent Chromium	0.087	U	1	0.087	0.50	mg/Kg	04/23/25 09:30	04/23/25 13:54	7196A
Trivalent Chromium	16.7		1	0.63	0.63	mg/Kg		04/23/25 17:39	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25 09:40
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-2	SDG No.:	Q1859
Lab Sample ID:	Q1859-02	Matrix:	SOIL
		% Solid:	83.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	26.7		1	2.50	5.80	mg/Kg	04/24/25 13:00	04/25/25 11:59	SM 4500-NH3 B plus G-11
Chloride	88.7		1	4.20	14.4	mg/Kg		04/23/25 13:15	9056A
Fluoride	7.90	J	1	2.10	9.60	mg/Kg		04/23/25 13:15	9056A
Sulfate	94.5		1	10.5	71.8	mg/Kg		04/23/25 13:15	9056A
Hexavalent Chromium	0.083	U	1	0.083	0.47	mg/Kg	04/23/25 09:30	04/23/25 13:55	7196A
Trivalent Chromium	16.9		1	0.60	0.60	mg/Kg		04/23/25 17:43	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25 10:20
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-3	SDG No.:	Q1859
Lab Sample ID:	Q1859-03	Matrix:	SOIL
		% Solid:	85.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.50	U	1	2.50	5.80	mg/Kg	04/24/25 13:00	04/25/25 11:59	SM 4500-NH3 B plus G-11
Chloride	77.9		1	4.00	13.9	mg/Kg		04/23/25 13:36	9056A
Fluoride	7.80	J	1	2.00	9.30	mg/Kg		04/23/25 13:36	9056A
Sulfate	73.1		1	10.1	69.4	mg/Kg		04/23/25 13:36	9056A
Hexavalent Chromium	0.081	U	1	0.081	0.46	mg/Kg	04/23/25 09:30	04/23/25 13:56	7196A
Trivalent Chromium	16.5		1	0.58	0.58	mg/Kg		04/23/25 17:47	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

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Initial and Continuing Calibration Verification

Client: Kleinfelder **SDG No.:** Q1859

Project: Lincoln High School **RunNo.:** LB135527

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV1**						
Bromide	mg/L	10.2	10	102	90-110	04/22/2025
Chloride	mg/L	3.1	3	103	90-110	04/22/2025
Fluoride	mg/L	2	2	100	90-110	04/22/2025
Nitrite	mg/L	3.1	3	103	90-110	04/22/2025
Nitrate	mg/L	2.6	2.5	104	90-110	04/22/2025
Sulfate	mg/L	15.1	15	101	90-110	04/22/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	04/22/2025
Sample ID: **CCV1**						
Bromide	mg/L	10.7	10	107	90-110	04/23/2025
Chloride	mg/L	3.2	3	107	90-110	04/23/2025
Fluoride	mg/L	2.1	2	105	90-110	04/23/2025
Nitrite	mg/L	3.2	3	107	90-110	04/23/2025
Nitrate	mg/L	2.7	2.5	108	90-110	04/23/2025
Sulfate	mg/L	15.6	15	104	90-110	04/23/2025
Orthophosphate as P	mg/L	5.4	5	108	90-110	04/23/2025
Sample ID: **CCV2**						
Bromide	mg/L	10.6	10	106	90-110	04/23/2025
Chloride	mg/L	3.2	3	107	90-110	04/23/2025
Fluoride	mg/L	2.1	2	105	90-110	04/23/2025
Nitrite	mg/L	3.2	3	107	90-110	04/23/2025
Nitrate	mg/L	2.7	2.5	108	90-110	04/23/2025
Sulfate	mg/L	15.5	15	103	90-110	04/23/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	04/23/2025

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Initial and Continuing Calibration Verification

Client:	Kleinfelder	**SDG No.:**	Q1859
Project:	Lincoln High School	**RunNo.:**	LB135535

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.494	0.5	99	90-110	04/23/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.501	0.5	100	90-110	04/23/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.496	0.5	99	90-110	04/23/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.502	0.5	100	90-110	04/23/2025

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Initial and Continuing Calibration Verification

Client:	Kleinfelder	**SDG No.:**	Q1859
Project:	Lincoln High School	**RunNo.:**	LB135559

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV1**						
Ammonia as N	mg/L	0.94	1	94	90-110	04/25/2025
Sample ID: **CCV1**						
Ammonia as N	mg/L	0.95	1	95	90-110	04/25/2025
Sample ID: **CCV2**						
Ammonia as N	mg/L	0.99	1	99	90-110	04/25/2025
Sample ID: **CCV3**						
Ammonia as N	mg/L	0.93	1	93	90-110	04/25/2025
Sample ID: **CCV4**						
Ammonia as N	mg/L	0.99	1	99	90-110	04/25/2025

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Initial and Continuing Calibration Verification

Client:	Kleinfelder	**SDG No.:**	Q1859
Project:	Lincoln High School	**RunNo.:**	LB135559

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date

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Initial and Continuing Calibration Blank Summary

Client: Kleinfelder **SDG No.:** Q1859

Project: Lincoln High School **RunNo.:** LB135527

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	04/22/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	04/22/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	04/22/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	04/22/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	04/22/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	04/22/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	04/22/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	04/23/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	04/23/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	04/23/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	04/23/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	04/23/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	04/23/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	04/23/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	04/23/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	04/23/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	04/23/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	04/23/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	04/23/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	04/23/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	04/23/2025

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Initial and Continuing Calibration Blank Summary

Client:	Kleinfelder	**SDG No.:**	Q1859
Project:	Lincoln High School	**RunNo.:**	LB135535

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/23/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/23/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/23/2025
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/23/2025

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Initial and Continuing Calibration Blank Summary

Client:	Kleinfelder	**SDG No.:**	Q1859
Project:	Lincoln High School	**RunNo.:**	LB135559

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	04/25/2025
Sample ID: CCB1							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	04/25/2025
Sample ID: CCB2							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	04/25/2025
Sample ID: CCB3							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	04/25/2025
Sample ID: CCB4							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	04/25/2025

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Initial and Continuing Calibration Blank Summary

Client:	Kleinfelder	**SDG No.:**	Q1859
Project:	Lincoln High School	**RunNo.:**	LB135559

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date

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Preparation Blank Summary

Client: Kleinfelder **SDG No.:** Q1859

Project: Lincoln High School

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB135527BLS							
Bromide	mg/Kg	< 20.0000	20.0000	U	7	40	04/23/2025
Chloride	mg/Kg	< 6.0000	6.0000	U	3.5	12	04/23/2025
Fluoride	mg/Kg	< 4.0000	4.0000	U	1.8	8	04/23/2025
Nitrite	mg/Kg	< 6.0000	6.0000	U	1.5	12	04/23/2025
Nitrate	mg/Kg	< 5.0000	5.0000	U	1.8	10	04/23/2025
Sulfate	mg/Kg	< 30.0000	30.0000	U	8.8	60	04/23/2025
Orthophosphate as P	mg/Kg	< 10.0000	10.0000	U	6.7	20	04/23/2025
Sample ID: PB167705BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	04/23/2025
Sample ID: PB167731BL							
Ammonia as N	mg/Kg	< 2.5000	2.5000	U	2.2	5	04/25/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Lincoln High School
Client ID: ETGI-354MS
SDG No.: Q1859
Sample ID: Q1852-01
Percent Solids for Spike Sample: 92.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1310		0.074	U	1390	40	94		04/23/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Lincoln High School
Client ID: ETGI-354MS
SDG No.: Q1859
Sample ID: Q1852-01
Percent Solids for Spike Sample: 92.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	39.8		0.074	U	43.2	2	92		04/23/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Lincoln High School
Client ID: ETGI-354MS
SDG No.: Q1859
Sample ID: Q1852-01
Percent Solids for Spike Sample: 92.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	32.9		0.074	U	43.2	2	76		04/23/2025

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Matrix Spike Summary

Client: Kleinfelder
SDG No.: Q1859
Project: Lincoln High School
Sample ID: Q1858-01
Client ID: COMP-1MS
Percent Solids for Spike Sample: 83.9

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/Kg	75-125	54.5		2.60	U	57.9	1	94		04/25/2025
Bromide	mg/Kg	80-120	251		8.30	U	240	1	105		04/23/2025
Chloride	mg/Kg	80-120	106		34.6		71.1	1	100		04/23/2025
Fluoride	mg/Kg	80-120	43.1		2.10	J	47.4	1	86		04/23/2025
Nitrite	mg/Kg	80-120	74.9		1.80	U	71.1	1	105		04/23/2025
Nitrate	mg/Kg	80-120	70.8		10.9	J	59.2	1	101		04/23/2025
Sulfate	mg/Kg	80-120	873		553		360	1	89		04/23/2025
Orthophosphate as P	mg/Kg	80-120	85.9		7.90	U	120	1	72	*	04/23/2025

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Matrix Spike Summary

Client: Kleinfelder
SDG No.: Q1859
Project: Lincoln High School
Sample ID: Q1858-01
Client ID: COMP-1MSD
Percent Solids for Spike Sample: 83.9

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/Kg	75-125	55.5		2.60	U	58.4	1	95		04/25/2025
Bromide	mg/Kg	80-120	252		8.30	U	240	1	105		04/23/2025
Chloride	mg/Kg	80-120	106		34.6		71.4	1	100		04/23/2025
Fluoride	mg/Kg	80-120	42.5		2.10	J	47.6	1	85		04/23/2025
Nitrite	mg/Kg	80-120	75.2		1.80	U	71.4	1	105		04/23/2025
Nitrate	mg/Kg	80-120	70.9		10.9	J	59.5	1	101		04/23/2025
Sulfate	mg/Kg	80-120	877		553		360	1	90		04/23/2025
Orthophosphate as P	mg/Kg	80-120	86.9		7.90	U	120	1	72	*	04/23/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Lincoln High School
Client ID: ETGI-354DUP
SDG No.: Q1859
Sample ID: Q1852-01
Percent Solids for Spike Sample: 92.5

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.074	U	0.074	U	1	0		04/23/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Lincoln High School
Client ID: COMP-1DUP
SDG No.: Q1859
Sample ID: Q1858-01
Percent Solids for Spike Sample: 83.9

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/Kg	+/-20	2.60	U	2.60	U	1	0		04/25/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Lincoln High School
Client ID: COMP-1MSD
SDG No.: Q1859
Sample ID: Q1858-01
Percent Solids for Spike Sample: 83.9

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Bromide	mg/Kg	+/-15	251		252		1	0		04/23/2025
Chloride	mg/Kg	+/-15	106		106		1	0		04/23/2025
Nitrate	mg/Kg	+/-15	70.8		70.9		1	0		04/23/2025
Nitrite	mg/Kg	+/-15	74.9		75.2		1	0		04/23/2025
Sulfate	mg/Kg	+/-15	873		877		1	0		04/23/2025
Fluoride	mg/Kg	+/-15	43.1		42.5		1	1		04/23/2025
Orthophosphate as P	mg/Kg	+/-15	85.9		86.9		1	1		04/23/2025
Ammonia as N	mg/Kg	+/-20	54.5		55.5		1	2		04/25/2025

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Laboratory Control Sample Summary

Client: Kleinfelder **SDG No.:** Q1859

Project: Lincoln High School **Run No.:** LB135527

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB135527BSS								
Bromide	mg/Kg	200	212		106	1	90-110	04/23/2025
Chloride	mg/Kg	60	64.0		107	1	90-110	04/23/2025
Fluoride	mg/Kg	40	41.8		104	1	90-110	04/23/2025
Nitrite	mg/Kg	60	63.2		105	1	90-110	04/23/2025
Nitrate	mg/Kg	50	53.9		108	1	90-110	04/23/2025
Sulfate	mg/Kg	300	309		103	1	90-110	04/23/2025
Orthophosphate as P	mg/Kg	100	106		106	1	90-110	04/23/2025

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Laboratory Control Sample Summary

Client:	Kleinfelder	**SDG No.:**	Q1859
Project:	Lincoln High School	**Run No.:**	LB135535

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB167705BS								
Hexavalent Chromium	**mg/Kg**	**20**	**20.2**		**101**	**1**	**84-110**	**04/23/2025**

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Laboratory Control Sample Summary

Client:	Kleinfelder	**SDG No.:**	Q1859
Project:	Lincoln High School	**Run No.:**	LB135559

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB167731BS								
Ammonia as N	mg/Kg	50	47.1		94	1	90-110	04/25/2025

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1859
COC Number 2046698

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd Suite 3800
CITY Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Lincoln High School
PROJECT NO.: LOCATION: Philadelphia, PA
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: Same PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard 5 DAYS*
HARDCOPY (DATA PACKAGE): Standard 5 DAYS*
EDD: Standard 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 4 (QC + Full Raw Data)
- ☑ Level 2 (Results + QC)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

PADEP Clean Fill Parameters

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (E)	2	3	4	5	6	7	8	9	COMMENTS
1.	COMP-1	Soil	✓		4/18/25	8:55	4	✓									
2.	COMP-2	↓	↓		↓	9:40	↓	↓									
3.	COMP-3	↓	↓		↓	10:20	↓	↓									
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES
← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	4/18/25	1.
2. FedEx	4/22/25 1450	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.0 °C
Comments:

Page 1 of 1

CLIENT: ☐ Hand Delivered ☑ Other Fedex

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
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LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1859 POWE02
Client Name : Kleinfelder
Client Contact : Mark Warchol
Invoice Name : Kleinfelder
Invoice Contact : Mark Warchol

Order Date : 4/22/2025 2:55:00 PM
Project Name : ~~Comegys School~~ Lincoln High School
Receive DateTime : 4/22/2025 2:50:00 PM
Purchase Order :

Project Mgr :
Report Type : Results+QC
EDD Type : EXCEL NOCLEANUP.
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1859-01	COMP-1	Solid	04/18/2025	08:55					
					VOCMS Group1		8260D		5 Bus. Days
Q1859-02	COMP-2	Solid	04/18/2025	09:40					
					VOCMS Group1		8260D		5 Bus. Days
Q1859-03	COMP-3	Solid	04/18/2025	10:20					
					VOCMS Group1		8260D		5 Bus. Days

Relinguished By : [signature]
Date / Time : 4/22/25 1510

Received By : JC
Date / Time : 4/22/25 1510

Storage Area : **VOA Refridgerator Room**