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 : MITCHELL SCHOOL

KLEINFELDER

180 Sheree Boulevard, Suite 3800

Exton, PA - 19341

Phone No: 610-594-1444

ORDER ID : Q1903

ATTENTION : Mark Warchol

Laboratory Certification ID # 20012

Table Of Contents for Q1903

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q1903

Project ID : Mitchell School

Client : Kleinfelder

Lab Sample Number	Client Sample Number
Q1903-01	COMP-4
Q1903-02	COMP-5
Q1903-03	COMP-6

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:10 am, May 08, 2025

Date: 5/8/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

Kleinfelder
Project Name: Mitchell School
Project # N/A
Chemtech Project # Q1903
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/28/2025.

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.
The temperature of the samples at the time of receipt was 13.7°C.
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

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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.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:14 am, May 08, 2025

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CASE NARRATIVE

Kleinfelder
Project Name: Mitchell School
Project # N/A
Chemtech Project # Q1903
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/28/2025.

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_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df The 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 except for PB167779BL [Terphenyl-d14 - 106%], marginally biased high therefore no corrective action was taken.

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 temperature of the samples at the time of receipt was 13.7°C.
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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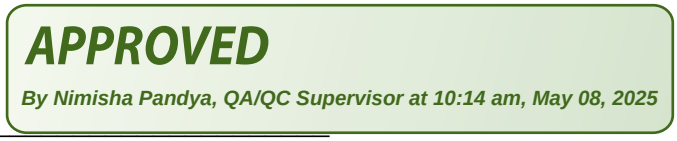
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value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

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature 

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CASE NARRATIVE

Kleinfelder
Project Name: Mitchell School
Project # N/A
Chemtech Project # Q1903
Test Name: PESTICIDE Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/28/2025.

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 temperature of the samples at the time of receipt was 13.7°C.
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_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 10:14 am, May 08, 2025

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CASE NARRATIVE

Kleinfelder
Project Name: Mitchell School
Project # N/A
Chemtech Project # Q1903
Test Name: PCB Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/28/2025.

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_P. 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 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 temperature of the samples at the time of receipt was 13.7°C.

The soil samples results are based on a dry weight basis.

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F. Manual Integration Comments:

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

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 10:15 am, May 08, 2025

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CASE NARRATIVE

Kleinfelder
Project Name: Mitchell School
Project # N/A
Chemtech Project # Q1903
Test Name: Metals ICP-Group1,Mercury

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/28/2025.

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 (343MSD) analysis met criteria for all samples except for Aluminum, Beryllium, Copper, Lead, Zinc. Due to sample matrix interference.

The Matrix Spike (343MS) analysis met criteria for all samples except for Antimony, Boron. Due to chemical interference during digestion process.

The Matrix Spike Duplicate (343MSD) analysis met criteria for all samples except for Antimony, Boron. Due to chemical interference during digestion process.

The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

The temperature of the samples at the time of receipt was 13.7°C.

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Signature_____ APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:15 am, May 08, 2025

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CASE NARRATIVE

Kleinfelder
Project Name: Mitchell School
Project # N/A
Chemtech Project # Q1903
Test Name: Hexavalent Chromium,Ammonia,Trivalent Chromium,Anions Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/28/2025.

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:
The temperature of the samples at the time of receipt was 13.7°C.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:15 am, May 08, 2025

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 #: Q1903

	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:** 05/08/2025

Alliance TECHNICAL GROUP
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LAB CHRONICLE

OrderID:	Q1903	**OrderDate:**	4/28/2025 11:30:00 AM
Client:	Kleinfelder	**Project:**	Mitchell School
Contact:	Mark Warchol	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1903-01	**COMP-4**	**SOIL**			**04/25/25**			**04/28/25**
			VOCMS Group1	8260D			04/29/25	
Q1903-02	**COMP-5**	**SOIL**			**04/25/25**			**04/28/25**
			VOCMS Group1	8260D			04/29/25	
Q1903-03	**COMP-6**	**SOIL**			**04/25/25**			**04/28/25**
			VOCMS Group1	8260D			04/29/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1903

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:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-4	SDG No.:	Q1903
Lab Sample ID:	Q1903-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	83.3
Sample Wt/Vol:	5.95 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
VY022061.D	1		04/29/25 17:03	VY042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.76	U	0.76	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.94	U	0.94	5.00	ug/Kg
71-43-2	Benzene	0.80	U	0.80	5.00	ug/Kg
79-01-6	Trichloroethene	0.82	U	0.82	5.00	ug/Kg
108-88-3	Toluene	0.79	U	0.79	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.68	U	0.68	5.00	ug/Kg
1330-20-7	Total Xylenes	2.13	U	2.13	15.1	ug/Kg
98-82-8	Isopropylbenzene	0.79	U	0.79	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6		63 - 155	111%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	48.4		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.6		38 - 136	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	295000	7.707			
540-36-3	1,4-Difluorobenzene	564000	8.616			
3114-55-4	Chlorobenzene-d5	508000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	196000	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:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-5	SDG No.:	Q1903
Lab Sample ID:	Q1903-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	78.9
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
VY022062.D	1		04/29/25 17:27	VY042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.95	U	0.95	6.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.20	U	1.20	6.30	ug/Kg
71-43-2	Benzene	1.00	U	1.00	6.30	ug/Kg
79-01-6	Trichloroethene	1.00	U	1.00	6.30	ug/Kg
108-88-3	Toluene	0.99	U	0.99	6.30	ug/Kg
100-41-4	Ethyl Benzene	0.85	U	0.85	6.30	ug/Kg
1330-20-7	Total Xylenes	2.60	U	2.60	19.0	ug/Kg
98-82-8	Isopropylbenzene	0.99	U	0.99	6.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	49.1		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.1		38 - 136	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	294000	7.707			
540-36-3	1,4-Difluorobenzene	546000	8.616			
3114-55-4	Chlorobenzene-d5	490000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	185000	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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-6	SDG No.:	Q1903
Lab Sample ID:	Q1903-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	83.9
Sample Wt/Vol:	5.36 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
VY022063.D	1		04/29/25 17:50	VY042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.83	U	0.83	5.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.60	ug/Kg
71-43-2	Benzene	0.88	U	0.88	5.60	ug/Kg
79-01-6	Trichloroethene	0.90	U	0.90	5.60	ug/Kg
108-88-3	Toluene	0.87	U	0.87	5.60	ug/Kg
100-41-4	Ethyl Benzene	0.74	U	0.74	5.60	ug/Kg
1330-20-7	Total Xylenes	2.31	U	2.31	16.7	ug/Kg
98-82-8	Isopropylbenzene	0.87	U	0.87	5.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.8		63 - 155	114%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	48.5		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.7		38 - 136	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	287000	7.707			
540-36-3	1,4-Difluorobenzene	548000	8.615			
3114-55-4	Chlorobenzene-d5	501000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	193000	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

QC SUMMARY

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

Surrogate Summary

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1903-01	COMP-4	1,2-Dichloroethane-d4	50	55.6	111	63	155
		Dibromofluoromethane	50	51.7	103	70	134
		Toluene-d8	50	48.5	97	74	123
		4-Bromofluorobenzene	50	40.6	81	38	136
Q1903-02	COMP-5	1,2-Dichloroethane-d4	50	51.3	103	63	155
		Dibromofluoromethane	50	51.1	102	70	134
		Toluene-d8	50	49.1	98	74	123
		4-Bromofluorobenzene	50	40.1	80	38	136
Q1903-03	COMP-6	1,2-Dichloroethane-d4	50	56.8	114	63	155
		Dibromofluoromethane	50	51.7	103	70	134
		Toluene-d8	50	48.5	97	74	123
		4-Bromofluorobenzene	50	40.7	81	38	136
VY0429SBL01	VY0429SBL01	1,2-Dichloroethane-d4	50	50.3	101	63	155
		Dibromofluoromethane	50	49.9	100	70	134
		Toluene-d8	50	47.6	95	74	123
		4-Bromofluorobenzene	50	56.5	113	38	136
VY0429SBS01	VY0429SBS01	1,2-Dichloroethane-d4	50	48.4	97	63	155
		Dibromofluoromethane	50	50.2	100	70	134
		Toluene-d8	50	50.9	102	74	123
		4-Bromofluorobenzene	50	49.6	99	38	136
VY0429SBSD01	VY0429SBSD01	1,2-Dichloroethane-d4	50	49.3	99	63	155
		Dibromofluoromethane	50	51.1	102	70	134
		Toluene-d8	50	51.5	103	74	123
		4-Bromofluorobenzene	50	50.5	101	38	136

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: SW8260D **Datafile :** VY022048.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0429SBS01	cis-1,2-Dichloroethene	20	19.6	ug/Kg	98			82	123	
	1,1,1-Trichloroethane	20	19.9	ug/Kg	100			80	126	
	Benzene	20	20.2	ug/Kg	101			84	121	
	Trichloroethene	20	20.3	ug/Kg	102			83	122	
	Toluene	20	20.1	ug/Kg	101			83	122	
	Ethyl Benzene	20	19.4	ug/Kg	97			82	124	
	m/p-Xylenes	40	40.2	ug/Kg	101			83	124	
	o-Xylene	20	19.2	ug/Kg	96			83	123	
	Isopropylbenzene	20	19.1	ug/Kg	96			82	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: SW8260D **Datafile :** VY022049.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0429SBSD01	cis-1,2-Dichloroethene	20	20.3	ug/Kg	102	4		82	123	20
	1,1,1-Trichloroethane	20	20.5	ug/Kg	103	3		80	126	20
	Benzene	20	20.8	ug/Kg	104	3		84	121	20
	Trichloroethene	20	21.3	ug/Kg	106	4		83	122	20
	Toluene	20	21.2	ug/Kg	106	5		83	122	20
	Ethyl Benzene	20	20.1	ug/Kg	101	4		82	124	20
	m/p-Xylenes	40	41.4	ug/Kg	104	3		83	124	20
	o-Xylene	20	20.4	ug/Kg	102	6		83	123	20
	Isopropylbenzene	20	19.9	ug/Kg	100	4		82	124	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0429SBL01

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

Lab File ID: VY022047.D Lab Sample ID: VY0429SBL01

Date Analyzed: 04/29/2025 Time Analyzed: 10:00

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
VY0429SBS01	VY0429SBS01	VY022048.D	04/29/2025
VY0429SBSD01	VY0429SBSD01	VY022049.D	04/29/2025
COMP-4	Q1903-01	VY022061.D	04/29/2025
COMP-5	Q1903-02	VY022062.D	04/29/2025
COMP-6	Q1903-03	VY022063.D	04/29/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

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.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

Lab File ID: VY022045.D BFB Injection Date: 04/29/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:20

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	15.7
75	30.0 - 60.0% of mass 95	47.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1.5 (1.6) 1
174	50.0 - 100.0% of mass 95	92.9
175	5.0 - 9.0% of mass 174	7 (7.5) 1
176	95.0 - 101.0% of mass 174	88.9 (95.7) 1
177	5.0 - 9.0% of mass 176	5.8 (6.5) 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	VY022046.D	04/29/2025	09:28
VY0429SBL01	VY0429SBL01	VY022047.D	04/29/2025	10:00
VY0429SBS01	VY0429SBS01	VY022048.D	04/29/2025	10:31
VY0429SBSD01	VY0429SBSD01	VY022049.D	04/29/2025	10:53
COMP-4	Q1903-01	VY022061.D	04/29/2025	17:03
COMP-5	Q1903-02	VY022062.D	04/29/2025	17:27
COMP-6	Q1903-03	VY022063.D	04/29/2025	17:50

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

Lab File ID: VY022046.D Date Analyzed: 04/29/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:28

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	330337	7.71	485397	8.62	453549	11.42
UPPER LIMIT	660674	8.207	970794	9.116	907098	11.92
LOWER LIMIT	165169	7.207	242699	8.116	226775	10.92
EPA SAMPLE NO.						
COMP-4	295057	7.71	563717	8.62	508046	11.41
COMP-5	293981	7.71	545754	8.62	490384	11.41
COMP-6	287202	7.71	548094	8.62	500953	11.41
VY0429SBL01	323132	7.71	602161	8.62	529726	11.42
VY0429SBS01	295160	7.71	455592	8.62	411306	11.41
VY0429SBSD01	291903	7.71	448136	8.62	409949	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.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

Lab File ID: VY022046.D Date Analyzed: 04/29/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:28

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

	IS4 AREA #	RT #				
12 HOUR STD	245911	13.346				
UPPER LIMIT	491822	13.846				
LOWER LIMIT	122956	12.846				
EPA SAMPLE NO.						
COMP-4	196340	13.35				
COMP-5	184808	13.35				
COMP-6	192908	13.35				
VY0429SBL01	203699	13.35				
VY0429SBS01	220609	13.35				
VY0429SBSD01	218010	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:	Mitchell School	Date Received:	
Client Sample ID:	VY0429SBL01	SDG No.:	Q1903
Lab Sample ID:	VY0429SBL01	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
VY022047.D	1		04/29/25 10:00	VY042925

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	50.3		63 - 155	101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	47.6		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.6		38 - 136	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	323000	7.707			
540-36-3	1,4-Difluorobenzene	602000	8.616			
3114-55-4	Chlorobenzene-d5	530000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	204000	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

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:	Mitchell School	Date Received:	
Client Sample ID:	VY0429SBS01	SDG No.:	Q1903
Lab Sample ID:	VY0429SBS01	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
VY022048.D	1		04/29/25 10:31	VY042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	19.6		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.9		0.93	5.00	ug/Kg
71-43-2	Benzene	20.2		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.3		0.81	5.00	ug/Kg
108-88-3	Toluene	20.1		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.4		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	59.4		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	19.1		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.4		63 - 155	97%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	50.9		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		38 - 136	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	295000	7.707			
540-36-3	1,4-Difluorobenzene	456000	8.616			
3114-55-4	Chlorobenzene-d5	411000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	221000	13.347			

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

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Mitchell School	Date Received:	
Client Sample ID:	VY0429SBSD01	SDG No.:	Q1903
Lab Sample ID:	VY0429SBSD01	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
VY022049.D	1		04/29/25 10:53	VY042925

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	20.5		0.93	5.00	ug/Kg
71-43-2	Benzene	20.8		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.3		0.81	5.00	ug/Kg
108-88-3	Toluene	21.2		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.1		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	61.8		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	19.9		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	51.5		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		38 - 136	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	292000	7.707			
540-36-3	1,4-Difluorobenzene	448000	8.616			
3114-55-4	Chlorobenzene-d5	410000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	218000	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
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J = Estimated Value
B = Analyte Found in Associated Method Blank
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* = Values outside of QC limits
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() = 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.: Q1903 SAS No.: Q1903 SDG No.: Q1903

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.: Q1903 SAS No.: Q1903 SDG No.: Q1903

Instrument ID: MSVOA_Y Calibration Date/Time: 04/29/2025 09:28

Lab File ID: VY022046.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	0.558		-10.29	20
1,1,1-Trichloroethane	0.896	0.789		-11.94	20
Benzene	1.387	1.301		-6.2	20
Trichloroethene	0.384	0.360		-6.25	20
Toluene	0.898	0.870		-3.12	20
Ethyl Benzene	1.829	1.744		-4.65	20
m/p-Xylenes	0.728	0.712		-2.2	20
o-Xylene	0.671	0.649		-3.28	20
Isopropylbenzene	3.341	3.152		-5.66	20
1,2-Dichloroethane-d4	0.462	0.402		-12.99	20
Dibromofluoromethane	0.330	0.314		-4.85	20
Toluene-d8	1.245	1.202		-3.45	20
4-Bromofluorobenzene	0.419	0.404		-3.58	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:	Q1903	**OrderDate:**	4/28/2025 11:30:00 AM
Client:	Kleinfelder	**Project:**	Mitchell School
Contact:	Mark Warchol	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1903-01	**COMP-4**	**SOIL**			**04/25/25**			**04/28/25**
			SVOCMS Group1	8270E		04/29/25	05/01/25	
Q1903-02	**COMP-5**	**SOIL**			**04/25/25**			**04/28/25**
			SVOCMS Group1	8270E		04/29/25	05/01/25	
Q1903-03	**COMP-6**	**SOIL**			**04/25/25**			**04/28/25**
			SVOCMS Group1	8270E		04/29/25	05/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1903

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:	04/25/25
Project:	Mitchell School			Date Received:	04/28/25
Client Sample ID:	COMP-4			SDG No.:	Q1903
Lab Sample ID:	Q1903-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	83.3
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142262.D	1	04/29/25 09:30	05/01/25 16:03	PB167779

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	61.6		18 - 107	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.8		20 - 109	54%	SPK: 100
1718-51-0	Terphenyl-d14	40.1		10 - 105	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	207000	6.904			
1146-65-2	Naphthalene-d8	782000	8.186			
15067-26-2	Acenaphthene-d10	383000	9.939			
1517-22-2	Phenanthrene-d10	552000	11.427			
1719-03-5	Chrysene-d12	438000	14.068			
1520-96-3	Perylene-d12	441000	15.557			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	04/25/25
Project:	Mitchell School			Date Received:	04/28/25
Client Sample ID:	COMP-4			SDG No.:	Q1903
Lab Sample ID:	Q1903-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	83.3
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142262.D	1	04/29/25 09:30	05/01/25 16:03	PB167779

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:	04/25/25
Project:	Mitchell School			Date Received:	04/28/25
Client Sample ID:	COMP-5			SDG No.:	Q1903
Lab Sample ID:	Q1903-02			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	78.9
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
BF142263.D	1	04/29/25 09:30	05/01/25 16:31	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	28.8	U	28.8	220	ug/Kg
86-73-7	Fluorene	32.0	U	32.0	220	ug/Kg
85-01-8	Phenanthrene	26.5	U	26.5	220	ug/Kg
120-12-7	Anthracene	42.2	U	42.2	220	ug/Kg
129-00-0	Pyrene	45.6	U	45.6	220	ug/Kg
56-55-3	Benzo(a)anthracene	29.1	U	29.1	220	ug/Kg
218-01-9	Chrysene	25.2	U	25.2	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	24.1	U	24.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	37.4	U	37.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36.9	U	36.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32.6	U	32.6	220	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	61.4		18 - 107	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.9		20 - 109	54%	SPK: 100
1718-51-0	Terphenyl-d14	38.3		10 - 105	38%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	214000	6.904			
1146-65-2	Naphthalene-d8	813000	8.187			
15067-26-2	Acenaphthene-d10	392000	9.939			
1517-22-2	Phenanthrene-d10	556000	11.428			
1719-03-5	Chrysene-d12	454000	14.069			
1520-96-3	Perylene-d12	452000	15.557			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	04/25/25
Project:	Mitchell School			Date Received:	04/28/25
Client Sample ID:	COMP-5			SDG No.:	Q1903
Lab Sample ID:	Q1903-02			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	78.9
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
BF142263.D	1	04/29/25 09:30	05/01/25 16:31	PB167779

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:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-6	SDG No.:	Q1903
Lab Sample ID:	Q1903-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	83.9
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
BF142264.D	1	04/29/25 09:30	05/01/25 17:00	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.0	U	27.0	200	ug/Kg
86-73-7	Fluorene	30.1	U	30.1	200	ug/Kg
85-01-8	Phenanthrene	24.9	U	24.9	200	ug/Kg
120-12-7	Anthracene	39.7	U	39.7	200	ug/Kg
129-00-0	Pyrene	42.9	U	42.9	200	ug/Kg
56-55-3	Benzo(a)anthracene	27.4	U	27.4	200	ug/Kg
218-01-9	Chrysene	23.7	U	23.7	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.6	U	22.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	35.1	U	35.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.6	U	34.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.6	U	30.6	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	60.3		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.6		20 - 109	56%	SPK: 100
1718-51-0	Terphenyl-d14	38.6		10 - 105	39%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	206000	6.904			
1146-65-2	Naphthalene-d8	784000	8.186			
15067-26-2	Acenaphthene-d10	381000	9.939			
1517-22-2	Phenanthrene-d10	530000	11.427			
1719-03-5	Chrysene-d12	453000	14.068			
1520-96-3	Perylene-d12	438000	15.557			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	04/25/25
Project:	Mitchell School			Date Received:	04/28/25
Client Sample ID:	COMP-6			SDG No.:	Q1903
Lab Sample ID:	Q1903-03			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	83.9
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
BF142264.D	1	04/29/25 09:30	05/01/25 17:00	PB167779

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.: Q1903

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167779BL	PB167779BL	Nitrobenzene-d5	100	87.4	87		18	107
		2-Fluorobiphenyl	100	88.3	88		20	109
		Terphenyl-d14	100	106	106	*	10	105
PB167779BS	PB167779BS	Nitrobenzene-d5	100	86.4	86		18	107
		2-Fluorobiphenyl	100	87.2	87		20	109
		Terphenyl-d14	100	88.8	89		10	105
Q1901-02MS	B-167-SB01MS	Nitrobenzene-d5	100	68.1	68		18	107
		2-Fluorobiphenyl	100	63.1	63		20	109
		Terphenyl-d14	100	43.9	44		10	105
Q1901-02MSD	B-167-SB01MSD	Nitrobenzene-d5	100	66.9	67		18	107
		2-Fluorobiphenyl	100	61.8	62		20	109
		Terphenyl-d14	100	42.1	42		10	105
Q1903-01	COMP-4	Nitrobenzene-d5	100	61.6	62		18	107
		2-Fluorobiphenyl	100	53.8	54		20	109
		Terphenyl-d14	100	40.1	40		10	105
Q1903-02	COMP-5	Nitrobenzene-d5	100	61.4	61		18	107
		2-Fluorobiphenyl	100	53.9	54		20	109
		Terphenyl-d14	100	38.3	38		10	105
Q1903-03	COMP-6	Nitrobenzene-d5	100	60.3	60		18	107
		2-Fluorobiphenyl	100	55.6	56		20	109
		Terphenyl-d14	100	38.6	39		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1903

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: Q1901-02MS		**Client Sample ID: B-167-SB01MS**						**DataFile: BF142269.D**			
Naphthalene	2000	0	1800	ug/Kg	90				72	110	
Fluorene	2000	0	1700	ug/Kg	85				68	116	
Phenanthrene	2000	140	2000	ug/Kg	93				52	128	
Anthracene	2000	0	1900	ug/Kg	95				62	124	
Pyrene	2000	130	1400	ug/Kg	64				26	142	
Benzo(a)anthracene	2000	95.0	1900	ug/Kg	90				71	114	
Chrysene	2000	0	1900	ug/Kg	95				57	121	
Benzo(b)fluoranthene	2000	97.3	2000	ug/Kg	95				67	121	
Benzo(a)pyrene	2000	0	1900	ug/Kg	95				70	142	
Indeno(1,2,3-cd)pyrene	2000	0	1400	ug/Kg	70				40	129	
Benzo(g,h,i)perylene	2000	0	1300	ug/Kg	65				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1903

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: Q1901-02MSD		**Client Sample ID:** B-167-SB01MSD						**DataFile:** BF142270.D			
Naphthalene	2000	0	1700	ug/Kg	85		6		72	110	20
Fluorene	2000	0	1700	ug/Kg	85		0		68	116	20
Phenanthrene	2000	140	1900	ug/Kg	88		6		52	128	20
Anthracene	2000	0	1800	ug/Kg	90		5		62	124	20
Pyrene	2000	130	1400	ug/Kg	64		0		26	142	20
Benzo(a)anthracene	2000	95.0	1800	ug/Kg	85		6		71	114	20
Chrysene	2000	0	1800	ug/Kg	90		5		57	121	20
Benzo(b)fluoranthene	2000	97.3	2000	ug/Kg	95		0		67	121	20
Benzo(a)pyrene	2000	0	1900	ug/Kg	95		0		70	142	20
Indeno(1,2,3-cd)pyrene	2000	0	1300	ug/Kg	65		7		40	129	20
Benzo(g,h,i)perylene	2000	0	1200	ug/Kg	60		8		24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: 8270E **DataFile:** BM050064.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167779BS	Naphthalene	1700	1500	ug/Kg	88				62	100	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167779BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

Lab File ID: BM050063.D Lab Sample ID: PB167779BL

Instrument ID: BNA_M Date Extracted: 04/29/2025

Matrix: (soil/water) SOIL Date Analyzed: 05/01/2025

Level: (low/med) LOW Time Analyzed: 14:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167779BS	PB167779BS	BM050064.D	05/01/2025
B-167-SB01MS	Q1901-02MS	BF142269.D	05/01/2025
B-167-SB01MSD	Q1901-02MSD	BF142270.D	05/01/2025
COMP-4	Q1903-01	BF142262.D	05/01/2025
COMP-5	Q1903-02	BF142263.D	05/01/2025
COMP-6	Q1903-03	BF142264.D	05/01/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q1903 SDG NO.: Q1903

Lab File ID: BF142238.D DFTPP Injection Date: 04/30/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	27.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37.1
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (19.9) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF142239.D	04/30/2025	11:24
SSTDICC005	SSTDICC005	BF142240.D	04/30/2025	11:52
SSTDICC010	SSTDICC010	BF142241.D	04/30/2025	12:20
SSTDICC020	SSTDICC020	BF142242.D	04/30/2025	12:49
SSTDICCC040	SSTDICCC040	BF142243.D	04/30/2025	13:17
SSTDICC050	SSTDICC050	BF142244.D	04/30/2025	13:46
SSTDICC060	SSTDICC060	BF142245.D	04/30/2025	14:15
SSTDICC080	SSTDICC080	BF142246.D	04/30/2025	14:43

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q1903 SDG NO.: Q1903

Lab File ID: BF142249.D DFTPP Injection Date: 05/01/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.4
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.4
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.9
275	10.0 - 60.0% of mass 198	23.8
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142250.D	05/01/2025	10:17
COMP-4	Q1903-01	BF142262.D	05/01/2025	16:03
COMP-5	Q1903-02	BF142263.D	05/01/2025	16:31
COMP-6	Q1903-03	BF142264.D	05/01/2025	17:00
B-167-SB01MS	Q1901-02MS	BF142269.D	05/01/2025	19:24
B-167-SB01MSD	Q1901-02MSD	BF142270.D	05/01/2025	19:52

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q1903 SDG NO.: Q1903

Lab File ID: BM050023.D DFTPP Injection Date: 04/28/2025

Instrument ID: BNA_M DFTPP Injection Time: 11:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.8
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	35.7
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	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.7
443	15.0 - 24.0% of mass 442	14.4 (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
SSTDICC2.5	SSTDICC2.5	BM050024.D	04/28/2025	12:30
SSTDICC005	SSTDICC005	BM050025.D	04/28/2025	13:09
SSTDICC010	SSTDICC010	BM050026.D	04/28/2025	13:48
SSTDICC020	SSTDICC020	BM050027.D	04/28/2025	14:27
SSTDICCC040	SSTDICCC040	BM050028.D	04/28/2025	15:06
SSTDICC050	SSTDICC050	BM050029.D	04/28/2025	15:45
SSTDICC060	SSTDICC060	BM050030.D	04/28/2025	16:24
SSTDICC080	SSTDICC080	BM050031.D	04/28/2025	17:04

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q1903 SDG NO.: Q1903

Lab File ID: BM050061.D DFTPP Injection Date: 05/01/2025

Instrument ID: BNA_M DFTPP Injection Time: 12:24

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	0.4 (1.5) 1
69	Mass 69 relative abundance	26.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	34.3
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.6
442	Greater than 50% of mass 198	81.4
443	15.0 - 24.0% of mass 442	15.5 (19.1) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050062.D	05/01/2025	13:25
PB167779BL	PB167779BL	BM050063.D	05/01/2025	14:04
PB167779BS	PB167779BS	BM050064.D	05/01/2025	14:43

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BF142250.D Time Analyzed: 10:17

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	186578	6.91	719586	8.19	381198	9.95
	UPPER LIMIT	373156	7.41	1439170	8.692	762396	10.445
	LOWER LIMIT	93289	6.41	359793	7.692	190599	9.445
	EPA SAMPLE NO.						
01	B-167-SB01MS	207729	6.91	776941	8.19	359640	9.95
02	B-167-SB01MSD	204570	6.91	762454	8.19	351872	9.95
03	COMP-4	206685	6.90	782390	8.19	383432	9.94
04	COMP-5	213887	6.90	812832	8.19	392078	9.94
05	COMP-6	206274	6.90	784232	8.19	381114	9.94

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.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BF142250.D Time Analyzed: 10:17

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	647816	11.433	384442	14.074	349272	15.562
	UPPER LIMIT	1295630	11.933	768884	14.574	698544	16.062
	LOWER LIMIT	323908	10.933	192221	13.574	174636	15.062
	EPA SAMPLE NO.						
01	B-167-SB01MS	495470	11.43	427878	14.07	472653	15.56
02	B-167-SB01MSD	496148	11.43	429879	14.07	473333	15.56
03	COMP-4	552303	11.43	438090	14.07	441251	15.56
04	COMP-5	556035	11.43	454222	14.07	451548	15.56
05	COMP-6	529947	11.43	453109	14.07	437720	15.56

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.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BM050062.D Time Analyzed: 13:25

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	329367	7.757	1090200	10.55	636680	14.40
	UPPER LIMIT	658734	8.257	2180400	11.045	1273360	14.898
	LOWER LIMIT	164684	7.257	545100	10.045	318340	13.898
	EPA SAMPLE NO.						
01	PB167779BL	362102	7.75	1207360	10.55	720688	14.40
02	PB167779BS	339452	7.75	1125330	10.55	664515	14.39

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.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BM050062.D Time Analyzed: 13:25

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	1171490	17.145	1137060	21.386	1050480	24.374
	UPPER LIMIT	2342980	17.645	2274120	21.886	2100960	24.874
	LOWER LIMIT	585745	16.645	568530	20.886	525240	23.874
	EPA SAMPLE NO.						
01	PB167779BL	1342350	17.15	1132570	21.39	1130010	24.37
02	PB167779BS	1227380	17.14	1219130	21.38	1104890	24.37

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Mitchell School			Date Received:	
Client Sample ID:	PB167779BL			SDG No.:	Q1903
Lab Sample ID:	PB167779BL			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
BM050063.D	1	04/29/25 09:30	05/01/25 14:04	PB167779

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	87.4		18 - 107	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.3		20 - 109	88%	SPK: 100
1718-51-0	Terphenyl-d14	106	*	10 - 105	106%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	362000	7.751			
1146-65-2	Naphthalene-d8	1210000	10.545			
15067-26-2	Acenaphthene-d10	721000	14.398			
1517-22-2	Phenanthrene-d10	1340000	17.145			
1719-03-5	Chrysene-d12	1130000	21.386			
1520-96-3	Perylene-d12	1130000	24.374			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Mitchell School			Date Received:	
Client Sample ID:	PB167779BL			SDG No.:	Q1903
Lab Sample ID:	PB167779BL			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
BM050063.D	1	04/29/25 09:30	05/01/25 14:04	PB167779

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:	Mitchell School			Date Received:	
Client Sample ID:	PB167779BS			SDG No.:	Q1903
Lab Sample ID:	PB167779BS			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
BM050064.D	1	04/29/25 09:30	05/01/25 14:43	PB167779

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	1600		25.3	170	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
129-00-0	Pyrene	1600		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	1600		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	1600		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	86.4		18 - 107	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.2		20 - 109	87%	SPK: 100
1718-51-0	Terphenyl-d14	88.8		10 - 105	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	339000	7.751			
1146-65-2	Naphthalene-d8	1130000	10.545			
15067-26-2	Acenaphthene-d10	665000	14.392			
1517-22-2	Phenanthrene-d10	1230000	17.139			
1719-03-5	Chrysene-d12	1220000	21.38			
1520-96-3	Perylene-d12	1100000	24.374			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Mitchell School			Date Received:	
Client Sample ID:	PB167779BS			SDG No.:	Q1903
Lab Sample ID:	PB167779BS			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
BM050064.D	1	04/29/25 09:30	05/01/25 14:43	PB167779

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:	04/26/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MS	SDG No.:	Q1903
Lab Sample ID:	Q1901-02MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.6
Sample Wt/Vol:	30.08 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
BF142269.D	1	04/29/25 09:30	05/01/25 19:24	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1800		27.4	210	ug/Kg
86-73-7	Fluorene	1700		30.5	210	ug/Kg
85-01-8	Phenanthrene	2000		25.2	210	ug/Kg
120-12-7	Anthracene	1900		40.2	210	ug/Kg
129-00-0	Pyrene	1400		43.5	210	ug/Kg
56-55-3	Benzo(a)anthracene	1900		27.8	210	ug/Kg
218-01-9	Chrysene	1900		24.0	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		22.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	1900		35.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		35.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		31.0	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	68.1		18 - 107	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.1		20 - 109	63%	SPK: 100
1718-51-0	Terphenyl-d14	43.9		10 - 105	44%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	208000	6.91			
1146-65-2	Naphthalene-d8	777000	8.192			
15067-26-2	Acenaphthene-d10	360000	9.945			
1517-22-2	Phenanthrene-d10	495000	11.427			
1719-03-5	Chrysene-d12	428000	14.074			
1520-96-3	Perylene-d12	473000	15.562			

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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder			Date Collected:	04/26/25
Project:	Mitchell School			Date Received:	04/28/25
Client Sample ID:	B-167-SB01MS			SDG No.:	Q1903
Lab Sample ID:	Q1901-02MS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	82.6
Sample Wt/Vol:	30.08	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
BF142269.D	1	04/29/25 09:30	05/01/25 19:24	PB167779

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:	04/26/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MSD	SDG No.:	Q1903
Lab Sample ID:	Q1901-02MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.6
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
BF142270.D	1	04/29/25 09:30	05/01/25 19:52	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1700		27.4	210	ug/Kg
86-73-7	Fluorene	1700		30.6	210	ug/Kg
85-01-8	Phenanthrene	1900		25.3	210	ug/Kg
120-12-7	Anthracene	1800		40.2	210	ug/Kg
129-00-0	Pyrene	1400		43.5	210	ug/Kg
56-55-3	Benzo(a)anthracene	1800		27.8	210	ug/Kg
218-01-9	Chrysene	1800		24.0	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		23.0	210	ug/Kg
50-32-8	Benzo(a)pyrene	1900		35.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		35.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		31.1	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	66.9		18 - 107	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	61.8		20 - 109	62%	SPK: 100
1718-51-0	Terphenyl-d14	42.1		10 - 105	42%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	205000	6.91			
1146-65-2	Naphthalene-d8	762000	8.187			
15067-26-2	Acenaphthene-d10	352000	9.945			
1517-22-2	Phenanthrene-d10	496000	11.428			
1719-03-5	Chrysene-d12	430000	14.069			
1520-96-3	Perylene-d12	473000	15.557			

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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder			Date Collected:	04/26/25
Project:	Mitchell School			Date Received:	04/28/25
Client Sample ID:	B-167-SB01MSD			SDG No.:	Q1903
Lab Sample ID:	Q1901-02MSD			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	82.6
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
BF142270.D	1	04/29/25 09:30	05/01/25 19:52	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 30 16:00:01 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142239.D 5 =BF142240.D 10 =BF142241.D 20 =BF142242.D 40 =BF142243.D 50 =BF142244.D 60 =BF142245.D 80 =BF1422
46.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.563	0.534	0.561	0.592	0.580	0.555	0.530	0.559	4.03
3)		Pyridine		1.465	1.391	1.454	1.522	1.503	1.460	1.380	1.454	3.62
4)		n-Nitrosodimet...		0.747	0.699	0.728	0.807	0.789	0.766	0.731	0.752	4.95
5)	S	2-Fluorophenol		1.324	1.238	1.265	1.314	1.285	1.210	1.131	1.252	5.35
6)		Aniline		2.212	2.085	2.157	2.245	2.203	2.101	1.981	2.140	4.29
7)	S	Phenol-d6		1.559	1.505	1.534	1.593	1.550	1.475	1.370	1.512	4.85
8)		2-Chlorophenol		1.252	1.232	1.304	1.379	1.354	1.313	1.225	1.294	4.64
9)		Benzaldehyde		1.154	1.088	1.095	1.117	1.078	0.993	0.875	1.057	8.91
10)	C	Phenol		1.679	1.588	1.657	1.715	1.687	1.603	1.468	1.628	5.15
11)		bis(2-Chloroet...		1.345	1.250	1.270	1.318	1.285	1.231	1.132	1.262	5.46
12)		1,3-Dichlorobe...		1.571	1.485	1.485	1.533	1.478	1.396	1.299	1.464	6.18
13)	C	1,4-Dichlorobe...		1.610	1.486	1.495	1.546	1.488	1.404	1.295	1.475	6.86
14)		1,2-Dichlorobe...		1.489	1.418	1.431	1.475	1.432	1.356	1.255	1.408	5.67
15)		Benzyl Alcohol		1.047	1.017	1.064	1.149	1.126	1.082	1.023	1.073	4.69
16)		2,2'-oxybis(1-...		2.368	2.287	2.303	2.386	2.344	2.216	2.043	2.278	5.19
17)		2-Methylphenol		1.085	1.029	1.068	1.121	1.084	1.050	0.983	1.060	4.19
18)		Hexachloroethane		0.468	0.466	0.481	0.511	0.514	0.489	0.451	0.483	4.84
19)	P	n-Nitroso-di-n...	0.953	0.987	0.937	0.949	0.967	0.939	0.898	0.844	0.934	4.77
20)		3+4-Methylphenols		1.357	1.323	1.372	1.400	1.366	1.296	1.166	1.326	5.90
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.511	0.482	0.483	0.468	0.461	0.430	0.404	0.463	7.70
23)	S	Nitrobenzene-d5		0.217	0.251	0.302	0.340	0.351	0.339	0.330	0.304	16.88
24)		Nitrobenzene		0.229	0.261	0.297	0.328	0.338	0.323	0.314	0.299	13.31
25)		Isophorone		0.660	0.630	0.642	0.660	0.654	0.626	0.601	0.639	3.36
26)	C	2-Nitrophenol		0.048	0.057	0.083	0.115	0.132	0.136	0.142	0.102	38.38#
27)		2,4-Dimethylph...		0.315	0.319	0.333	0.337	0.333	0.315	0.302	0.322	3.96
28)		bis(2-Chloroet...		0.425	0.404	0.414	0.415	0.410	0.386	0.366	0.403	4.98
29)	C	2,4-Dichloroph...		0.246	0.253	0.274	0.291	0.286	0.272	0.263	0.269	6.12
30)		1,2,4-Trichlor...		0.320	0.303	0.305	0.312	0.304	0.287	0.273	0.301	5.28
31)		Naphthalene		1.106	1.040	1.035	1.020	0.999	0.924	0.858	0.997	8.21
32)		Benzoic acid			0.048	0.087	0.130	0.146	0.159	0.179	0.125	39.24
33)		4-Chloroaniline		0.446	0.414	0.429	0.429	0.423	0.396	0.371	0.415	5.98
34)	C	Hexachlorobuta...		0.180	0.175	0.179	0.185	0.178	0.170	0.161	0.175	4.35
35)		Caprolactam		0.068	0.073	0.081	0.087	0.089	0.085	0.083	0.081	9.45
36)	C	4-Chloro-3-met...		0.262	0.265	0.279	0.295	0.293	0.276	0.266	0.277	4.84
37)		2-Methylnaphth...		0.679	0.637	0.633	0.623	0.612	0.574	0.534	0.613	7.69
38)		1-Methylnaphth...		0.700	0.655	0.667	0.652	0.641	0.590	0.542	0.635	8.29

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.621	0.575	0.572	0.576	0.566	0.534	0.496	0.563	6.88
41)	P	Hexachlorocycl...	0.244	0.265	0.306	0.352	0.368	0.358	0.343	0.319	15.23
42)	S	2,4,6-Tribromo...	0.139	0.158	0.184	0.204	0.205	0.197	0.190	0.182	13.73
43)	C	2,4,6-Trichlor...	0.275	0.329	0.353	0.370	0.375	0.381	0.357	0.349	10.50
44)		2,4,5-Trichlor...	0.322	0.330	0.362	0.404	0.411	0.371	0.365	0.367	9.17
45)	S	2-Fluorobiphenyl	1.738	1.580	1.520	1.409	1.347	1.221	1.114	1.418	15.11
46)		1,1'-Biphenyl	1.773	1.621	1.612	1.581	1.547	1.435	1.316	1.555	9.38
47)		2-Chloronaphth...	1.289	1.176	1.191	1.185	1.157	1.085	1.014	1.157	7.51
48)		2-Nitroaniline	0.119	0.156	0.228	0.295	0.316	0.315	0.316	0.249	33.25
49)		Acenaphthylene	2.149	2.025	2.025	1.997	1.965	1.828	1.675	1.952	7.93
50)		Dimethylphthalate	1.362	1.284	1.301	1.321	1.309	1.227	1.152	1.280	5.42
51)		2,6-Dinitrotol...	0.098	0.137	0.193	0.241	0.259	0.254	0.249	0.204	31.45
52)	C	Acenaphthene	1.271	1.175	1.156	1.172	1.138	1.072	0.995	1.140	7.63
53)		3-Nitroaniline	0.143	0.187	0.252	0.298	0.311	0.310	0.299	0.257	26.09
54)	P	2,4-Dinitrophenol		0.025	0.036	0.057	0.069	0.076	0.085	0.058	40.36
55)		Dibenzofuran	1.930	1.775	1.751	1.743	1.713	1.581	1.466	1.709	8.67
56)	P	4-Nitrophenol		0.131	0.177	0.216	0.233	0.230	0.220	0.201	19.82
57)		2,4-Dinitrotol...	0.104	0.145	0.213	0.285	0.311	0.309	0.306	0.239	35.96
58)		Fluorene	1.493	1.403	1.351	1.317	1.273	1.186	1.071	1.299	10.74
59)		2,3,4,6-Tetrac...	0.252	0.267	0.312	0.334	0.334	0.323	0.305	0.304	10.65
60)		Diethylphthalate	1.324	1.264	1.302	1.313	1.300	1.215	1.126	1.263	5.61
61)		4-Chlorophenyl...	0.702	0.642	0.632	0.632	0.614	0.570	0.526	0.617	9.06
62)		4-Nitroaniline	0.144	0.177	0.233	0.272	0.287	0.281	0.269	0.238	23.57
63)		Azobenzene	1.346	1.260	1.275	1.279	1.278	1.198	1.098	1.248	6.33
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.022	0.034	0.055	0.065	0.071	0.075	0.054	39.23
66)	c	n-Nitrosodiphe...	0.727	0.686	0.693	0.712	0.689	0.653	0.623	0.683	5.11
67)		4-Bromophenyl-...	0.224	0.219	0.223	0.236	0.225	0.220	0.211	0.223	3.39
68)		Hexachlorobenzene	0.256	0.245	0.248	0.261	0.255	0.244	0.237	0.249	3.28
69)		Atrazine	0.166	0.172	0.186	0.190	0.190	0.182	0.174	0.180	5.29
70)	C	Pentachlorophenol		0.093	0.121	0.144	0.145	0.144	0.144	0.132	16.25
71)		Phenanthrene	1.218	1.114	1.119	1.112	1.064	0.995	0.940	1.080	8.45
72)		Anthracene	1.209	1.161	1.151	1.128	1.099	1.025	0.959	1.105	7.77
73)		Carbazole	1.125	1.047	1.061	1.033	0.996	0.935	0.857	1.008	8.77
74)		Di-n-butylphth...	0.986	1.006	1.088	1.069	1.045	0.988	0.912	1.013	5.88
75)	C	Fluoranthene	1.221	1.144	1.155	1.085	1.035	0.957	0.878	1.068	11.24
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.702	0.748	0.885	0.963	0.945	0.895	0.810	0.850	11.67
78)		Pyrene	1.833	1.801	1.849	2.026	1.937	1.833	1.635	1.845	6.54
79)	S	Terphenyl-d14	1.472	1.413	1.422	1.481	1.392	1.290	1.155	1.375	8.41
80)		Butylbenzylpht...	0.218	0.293	0.405	0.505	0.525	0.524	0.509	0.425	29.32
81)		Benzo(a)anthra...	1.379	1.320	1.332	1.438	1.388	1.316	1.225	1.343	5.06
82)		3,3'-Dichlorob...	0.286	0.317	0.380	0.442	0.450	0.451	0.435	0.394	17.37
83)		Chrysene	1.302	1.210	1.249	1.232	1.227	1.197	1.138	1.222	4.12
84)		Bis(2-ethylhex...	0.384	0.448	0.549	0.695	0.726	0.722	0.707	0.604	23.69
85)	c	Di-n-octyl pht...		0.668	0.875	1.262	1.320	1.347	1.329	1.133	25.55

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.323	1.384	1.466	1.613	1.556	1.490	1.422	1.465	6.78
88)		Benzo(b)fluora...	1.317	1.220	1.208	1.302	1.271	1.177	1.202	1.242	4.36
89)		Benzo(k)fluora...	1.211	1.159	1.222	1.145	1.146	1.110	0.962	1.136	7.59
90)	C	Benzo(a)pyrene	1.121	1.098	1.146	1.203	1.180	1.137	1.076	1.137	3.91
91)		Dibenzo(a,h)an...	1.075	1.131	1.197	1.312	1.271	1.192	1.144	1.189	6.90
92)		Benzo(g,h,i)pe...	1.076	1.138	1.204	1.308	1.267	1.213	1.162	1.195	6.55

(#) = Out of Range

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050024.D 5 =BM050025.D 10 =BM050026.D 20 =BM050027.D 40 =BM050028.D 50 =BM050029.D 60 =BM050030.D 80 =BM0500
31.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.506	0.464	0.478	0.511	0.504	0.491	0.473	0.490	3.75
3)		Pyridine		1.201	1.166	1.229	1.331	1.328	1.292	1.261	1.258	5.03
4)		n-Nitrosodimet...		0.487	0.459	0.475	0.522	0.518	0.504	0.490	0.493	4.62
5)	S	2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.173	1.142	1.142	5.04
6)		Aniline		1.657	1.689	1.768	1.942	1.922	1.875	1.835	1.813	6.16
7)	S	Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.494	1.469	1.436	7.13
8)		2-Chlorophenol		1.169	1.161	1.198	1.312	1.301	1.268	1.235	1.235	4.96
9)		Benzaldehyde		0.940	0.920	0.971	1.031	1.013	0.956	0.894	0.961	5.08
10)	C	Phenol		1.349	1.344	1.420	1.539	1.537	1.501	1.483	1.453	5.73
11)		bis(2-Chloroet...		1.213	1.105	1.176	1.279	1.271	1.233	1.218	1.213	4.90
12)		1,3-Dichlorobe...		1.483	1.428	1.453	1.566	1.552	1.508	1.453	1.492	3.51
13)	C	1,4-Dichlorobe...		1.518	1.418	1.463	1.561	1.557	1.516	1.458	1.499	3.60
14)		1,2-Dichlorobe...		1.420	1.393	1.423	1.522	1.506	1.464	1.405	1.448	3.50
15)		Benzyl Alcohol		0.866	0.881	0.966	1.080	1.074	1.050	1.050	0.996	9.16
16)		2,2'-oxybis(1-...		1.487	1.422	1.445	1.552	1.513	1.473	1.433	1.475	3.17
17)		2-Methylphenol		0.857	0.893	0.931	1.033	1.026	0.988	0.975	0.957	6.96
18)		Hexachloroethane		0.552	0.508	0.521	0.556	0.548	0.533	0.510	0.533	3.79
19)	P	n-Nitroso-di-n...	0.802	0.889	0.885	0.921	1.003	0.988	0.949	0.928	0.921	6.95
20)		3+4-Methylphenols		1.137	1.170	1.267	1.393	1.392	1.349	1.341	1.293	8.09
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.483	0.464	0.485	0.531	0.525	0.506	0.487	0.497	4.94
23)	S	Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.417	0.400	0.406	5.68
24)		Nitrobenzene		0.337	0.325	0.345	0.374	0.372	0.358	0.346	0.351	5.16
25)		Isophorone		0.666	0.648	0.680	0.729	0.729	0.704	0.687	0.692	4.44
26)	C	2-Nitrophenol		0.148	0.157	0.172	0.196	0.198	0.192	0.191	0.179	11.33
27)		2,4-Dimethylph...		0.263	0.266	0.289	0.324	0.322	0.312	0.305	0.297	8.42
28)		bis(2-Chloroet...		0.407	0.399	0.422	0.455	0.452	0.434	0.425	0.428	4.92
29)	C	2,4-Dichloroph...		0.294	0.298	0.326	0.362	0.359	0.351	0.342	0.333	8.47
30)		1,2,4-Trichlor...		0.400	0.384	0.394	0.427	0.426	0.412	0.399	0.406	4.02
31)		Naphthalene		1.001	0.959	0.993	1.066	1.057	1.023	0.989	1.013	3.80
32)		Benzoic acid			0.138	0.172	0.197	0.206	0.212	0.215	0.190	15.67
33)		4-Chloroaniline		0.361	0.393	0.404	0.441	0.448	0.437	0.423	0.415	7.51
34)	C	Hexachlorobuta...		0.253	0.240	0.249	0.270	0.270	0.263	0.258	0.258	4.34
35)		Caprolactam		0.090	0.085	0.095	0.104	0.104	0.102	0.100	0.097	7.73
36)	C	4-Chloro-3-met...		0.289	0.283	0.302	0.325	0.329	0.317	0.309	0.308	5.72
37)		2-Methylnaphth...		0.656	0.639	0.662	0.713	0.714	0.692	0.678	0.679	4.22
38)		1-Methylnaphth...		0.703	0.675	0.708	0.753	0.751	0.731	0.710	0.719	3.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.624	0.622	0.655	0.742	0.745	0.725	0.733	0.692	8.17
41)	P	Hexachlorocycl...		0.303	0.362	0.455	0.468	0.467	0.483	0.423	17.30
42)	S	2,4,6-Tribromo...	0.253	0.249	0.281	0.318	0.329	0.318	0.323	0.296	11.61
43)	C	2,4,6-Trichlor...	0.372	0.381	0.423	0.476	0.485	0.467	0.469	0.439	10.76
44)		2,4,5-Trichlor...	0.410	0.417	0.453	0.517	0.519	0.501	0.497	0.474	9.83
45)	S	2-Fluorobiphenyl	1.588	1.555	1.632	1.807	1.822	1.744	1.688	1.691	6.21
46)		1,1'-Biphenyl	1.427	1.395	1.452	1.573	1.581	1.507	1.473	1.487	4.77
47)		2-Chloronaphth...	1.126	1.112	1.155	1.250	1.248	1.192	1.158	1.177	4.69
48)		2-Nitroaniline	0.238	0.242	0.269	0.302	0.304	0.294	0.286	0.276	9.96
49)		Acenaphthylene	1.794	1.715	1.810	1.972	1.971	1.889	1.845	1.857	5.10
50)		Dimethylphthalate	1.444	1.377	1.437	1.532	1.543	1.470	1.429	1.462	4.02
51)		2,6-Dinitrotol...	0.266	0.271	0.299	0.327	0.331	0.316	0.309	0.303	8.50
52)	C	Acenaphthene	1.038	0.998	1.046	1.133	1.145	1.094	1.067	1.075	4.93
53)		3-Nitroaniline	0.233	0.247	0.284	0.321	0.325	0.311	0.302	0.289	12.47
54)	P	2,4-Dinitrophenol		0.100	0.132	0.178	0.194	0.188	0.191	0.164	23.65
55)		Dibenzofuran	1.749	1.681	1.749	1.876	1.888	1.810	1.763	1.788	4.17
56)	P	4-Nitrophenol		0.128	0.180	0.224	0.237	0.231	0.231	0.205	20.96
57)		2,4-Dinitrotol...	0.338	0.366	0.412	0.456	0.468	0.447	0.440	0.418	11.72
58)		Fluorene	1.387	1.343	1.431	1.558	1.573	1.500	1.453	1.463	5.84
59)		2,3,4,6-Tetrac...	0.366	0.362	0.398	0.435	0.445	0.432	0.431	0.410	8.44
60)		Diethylphthalate	1.372	1.301	1.380	1.433	1.451	1.376	1.328	1.377	3.86
61)		4-Chlorophenyl...	0.741	0.716	0.770	0.857	0.871	0.836	0.836	0.804	7.58
62)		4-Nitroaniline	0.208	0.234	0.277	0.313	0.321	0.301	0.295	0.279	15.17
63)		Azobenzene	1.118	1.091	1.150	1.216	1.229	1.165	1.110	1.154	4.59
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.088	0.110	0.135	0.142	0.138	0.137	0.125	17.16
66)	c	n-Nitrosodiphe...	0.580	0.572	0.596	0.655	0.657	0.629	0.610	0.614	5.56
67)		4-Bromophenyl-...	0.223	0.216	0.229	0.258	0.258	0.256	0.253	0.242	7.60
68)		Hexachlorobenzene	0.265	0.251	0.264	0.294	0.295	0.291	0.291	0.279	6.49
69)		Atrazine	0.196	0.198	0.214	0.236	0.242	0.234	0.230	0.222	8.47
70)	C	Pentachlorophenol		0.117	0.141	0.167	0.172	0.170	0.174	0.157	14.52
71)		Phenanthrene	1.075	1.035	1.083	1.187	1.212	1.173	1.132	1.128	5.84
72)		Anthracene	1.062	1.038	1.096	1.214	1.236	1.191	1.154	1.142	6.78
73)		Carbazole	0.909	0.900	0.960	1.054	1.075	1.038	0.999	0.991	7.05
74)		Di-n-butylphth...	1.106	1.082	1.151	1.246	1.277	1.231	1.165	1.180	6.25
75)	C	Fluoranthene	1.178	1.142	1.250	1.410	1.455	1.425	1.411	1.324	9.86
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.560	0.646	0.772	0.769	0.765	0.751	0.710	12.36
78)		Pyrene	1.290	1.255	1.332	1.518	1.520	1.465	1.453	1.404	7.83
79)	S	Terphenyl-d14	1.176	1.189	1.332	1.524	1.541	1.458	1.239	1.352	11.58
80)		Butylbenzylpht...	0.489	0.479	0.515	0.562	0.568	0.545	0.524	0.526	6.53
81)		Benzo(a)anthra...	1.280	1.231	1.321	1.478	1.479	1.442	1.408	1.377	7.24
82)		3,3'-Dichlorob...	0.434	0.432	0.483	0.580	0.597	0.583	0.581	0.527	14.14
83)		Chrysene	1.208	1.170	1.214	1.342	1.369	1.325	1.296	1.275	6.03
84)		Bis(2-ethylhex...	0.726	0.725	0.775	0.843	0.852	0.814	0.765	0.786	6.61
85)	c	Di-n-octyl pht...	1.221	1.197	1.267	1.366	1.404	1.341	1.275	1.296	5.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.301	1.293	1.404	1.602	1.646	1.591	1.595	1.490	10.27
88)		Benzo(b)fluora...	1.128	1.149	1.209	1.406	1.415	1.408	1.390	1.301	10.16
89)		Benzo(k)fluora...	1.219	1.150	1.251	1.387	1.449	1.383	1.372	1.316	8.29
90)	C	Benzo(a)pyrene	1.094	1.066	1.147	1.295	1.330	1.298	1.297	1.218	9.15
91)		Dibenzo(a,h)an...	1.056	1.044	1.142	1.300	1.347	1.305	1.310	1.215	10.72
92)		Benzo(g,h,i)pe...	1.066	1.030	1.105	1.236	1.268	1.224	1.212	1.163	8.07

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG No.: Q1903

Instrument ID: BNA_F Calibration Date/Time: 05/01/2025 10:17

Lab File ID: BF142250.D Init. Calib. Date(s): 04/30/2025 04/30/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:24 14:43

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.252	1.250		-0.2	
Phenol-d6	1.512	1.575		4.2	
Nitrobenzene-d5	0.304	0.333		9.5	
Naphthalene	0.997	1.030		3.3	
2-Fluorobiphenyl	1.418	1.409		-0.6	
Fluorene	1.299	1.322		1.8	
2,4,6-Tribromophenol	0.182	0.196		7.7	
Phenanthrene	1.080	1.116		3.3	
Anthracene	1.105	1.142		3.3	
Pyrene	1.845	1.938		5.0	
Terphenyl-d14	1.375	1.422		3.4	
Benzo(a)anthracene	1.343	1.378		2.6	
Chrysene	1.222	1.297		6.1	
Benzo(b)fluoranthene	1.242	1.242		0.0	
Benzo(a)pyrene	1.137	1.193		4.9	20.0
Indeno(1,2,3-cd)pyrene	1.465	1.533		4.6	
Benzo(g,h,i)perylene	1.195	1.250		4.6	

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.: Q1903 SAS No.: Q1903 SDG No.: Q1903

Instrument ID: BNA_M Calibration Date/Time: 05/01/2025 13:25

Lab File ID: BM050062.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.339		17.3	
Phenol-d6	1.436	1.600		11.4	
Nitrobenzene-d5	0.406	0.470		15.8	
Naphthalene	1.013	1.086		7.2	
2-Fluorobiphenyl	1.691	1.996		18.0	
Fluorene	1.463	1.622		10.9	
2,4,6-Tribromophenol	0.296	0.313		5.7	
Phenanthrene	1.128	1.244		10.3	
Anthracene	1.142	1.274		11.6	
Pyrene	1.404	1.537		9.5	
Terphenyl-d14	1.352	1.606		18.8	
Benzo(a)anthracene	1.377	1.520		10.4	
Chrysene	1.275	1.371		7.5	
Benzo(b)fluoranthene	1.301	1.413		8.6	
Benzo(a)pyrene	1.218	1.323		8.6	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.620		8.7	
Benzo(g,h,i)perylene	1.163	1.262		8.5	

All other compounds must meet a minimum RRF of 0.010.

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LAB CHRONICLE

OrderID:	Q1903	**OrderDate:**	4/28/2025 11:30:00 AM
Client:	Kleinfelder	**Project:**	Mitchell School
Contact:	Mark Warchol	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1903-01	**COMP-4**	**SOIL**			**04/25/25**			**04/28/25**
			PCB Group1	8082A		04/29/25	04/29/25	
			PESTICIDE Group1	8081B		04/29/25	04/29/25	
Q1903-02	**COMP-5**	**SOIL**			**04/25/25**			**04/28/25**
			PCB Group1	8082A		04/29/25	04/29/25	
			PESTICIDE Group1	8081B		04/29/25	04/29/25	
Q1903-03	**COMP-6**	**SOIL**			**04/25/25**			**04/28/25**
			PCB Group1	8082A		04/29/25	04/29/25	
			PESTICIDE Group1	8081B		04/29/25	04/29/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1903 **Order ID:** Q1903

Client: Kleinfelder **Project ID:** Mitchell 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:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-4	SDG No.:	Q1903
Lab Sample ID:	Q1903-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	83.3 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
PD088330.D	1	04/29/25 08:35	04/29/25 14:37	PB167777

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	19.3		20 - 144	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		19 - 148	100%	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:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-5	SDG No.:	Q1903
Lab Sample ID:	Q1903-02	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	78.9 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
PD088335.D	1	04/29/25 08:35	04/29/25 15:45	PB167777

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.15	U	0.15	2.20	ug/kg
60-57-1	Dieldrin	0.18	U	0.18	2.20	ug/kg
72-55-9	4,4-DDE	0.18	U	0.18	2.20	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	2.20	ug/kg
50-29-3	4,4-DDT	0.18	U	0.18	2.20	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.7		20 - 144	84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.2		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
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N = Presumptive Evidence of a Compound
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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:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-6	SDG No.:	Q1903
Lab Sample ID:	Q1903-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	83.9 Decanted:
Sample Wt/Vol:	30.08 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
PD088336.D	1	04/29/25 08:35	04/29/25 15:58	PB167777

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	18.5		20 - 144	93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		19 - 148	100%	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
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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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q1903

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-PD088320.D	PIBLK-PD088320.D	Decachlorobiphenyl	1	20	18.7	94		43	140
		Tetrachloro-m-xylene	1	20	18.7	93		77	126
		Decachlorobiphenyl	2	20	17.6	88		43	140
		Tetrachloro-m-xylene	2	20	18.0	90		77	126
PB167777BL	PB167777BL	Decachlorobiphenyl	1	20	18.0	90		20	144
		Tetrachloro-m-xylene	1	20	17.6	88		19	148
		Decachlorobiphenyl	2	20	17.0	85		20	144
		Tetrachloro-m-xylene	2	20	18.1	91		19	148
PB167777BS	PB167777BS	Decachlorobiphenyl	1	20	21.6	108		20	144
		Tetrachloro-m-xylene	1	20	20.8	104		19	148
		Decachlorobiphenyl	2	20	20.5	102		20	144
		Tetrachloro-m-xylene	2	20	21.6	108		19	148
Q1903-01	COMP-4	Decachlorobiphenyl	1	20	19.3	97		20	144
		Tetrachloro-m-xylene	1	20	20.0	100		19	148
		Decachlorobiphenyl	2	20	16.4	82		20	144
		Tetrachloro-m-xylene	2	20	20.0	100		19	148
Q1903-01MS	COMP-4MS	Decachlorobiphenyl	1	20	16.4	82		20	144
		Tetrachloro-m-xylene	1	20	16.7	84		19	148
		Decachlorobiphenyl	2	20	15.2	76		20	144
		Tetrachloro-m-xylene	2	20	17.4	87		19	148
Q1903-01MSD	COMP-4MSD	Decachlorobiphenyl	1	20	16.6	83		20	144
		Tetrachloro-m-xylene	1	20	16.8	84		19	148
		Decachlorobiphenyl	2	20	15.2	76		20	144
		Tetrachloro-m-xylene	2	20	17.5	88		19	148
I.BLK-PD088333.D	PIBLK-PD088333.D	Decachlorobiphenyl	1	20	19.3	97		43	140
		Tetrachloro-m-xylene	1	20	19.2	96		77	126
		Decachlorobiphenyl	2	20	17.9	90		43	140
		Tetrachloro-m-xylene	2	20	19.1	95		77	126
Q1903-02	COMP-5	Decachlorobiphenyl	1	20	16.7	84		20	144
		Tetrachloro-m-xylene	1	20	19.2	96		19	148
		Decachlorobiphenyl	2	20	15.3	76		20	144
		Tetrachloro-m-xylene	2	20	18.9	94		19	148
Q1903-03	COMP-6	Decachlorobiphenyl	1	20	18.5	93		20	144
		Tetrachloro-m-xylene	1	20	20.0	100		19	148
		Decachlorobiphenyl	2	20	17.3	86		20	144
		Tetrachloro-m-xylene	2	20	19.7	99		19	148
I.BLK-PD088343.D	PIBLK-PD088343.D	Decachlorobiphenyl	1	20	18.8	94		43	140

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Surrogate Summary

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PD088343.D	PIBLK-PD088343.D	Tetrachloro-m-xylene	1	20	19.3	96		77	126
		Decachlorobiphenyl	2	20	15.8	79		43	140
		Tetrachloro-m-xylene	2	20	18.9	94		77	126

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: 8081B **DataFile :** PD088331.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-4MS**											
Q1903-01MS	Aldrin	20	0	18.9	ug/kg	95				49	139	
	Dieldrin	20	0	19.0	ug/kg	95				47	161	
	4,4'-DDE	20	0	18.4	ug/kg	92				55	136	
	4,4'-DDD	20	0	19.2	ug/kg	96				47	163	
	4,4'-DDT	20	0	17.2	ug/kg	86				51	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: 8081B **DataFile :** PD088332.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-4MSD**											
Q1903-01MSD	Aldrin	19.98	0	19.0	ug/kg	95		0		49	139	20
	Dieldrin	19.98	0	19.1	ug/kg	96		1		47	161	20
	4,4'-DDE	19.98	0	18.5	ug/kg	93		1		55	136	20
	4,4'-DDD	19.98	0	19.4	ug/kg	97		1		47	163	20
	4,4'-DDT	19.98	0	16.8	ug/kg	84		2		51	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: 8081B **Datafile :** PD088324.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167777BS	Aldrin	16.66	17.5	ug/kg	105				82	124	
	Dieldrin	16.66	17.9	ug/kg	107				85	121	
	4,4'-DDE	16.66	17.4	ug/kg	104				81	123	
	4,4'-DDD	16.66	17.8	ug/kg	107				80	131	
	4,4'-DDT	16.66	17.1	ug/kg	103				70	129	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167777BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

Lab Sample ID: PB167777BL Lab File ID: PD088323.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 04/29/2025

Date Analyzed (1): 04/29/2025 Date Analyzed (2): 04/29/2025

Time Analyzed (1): 12:52 Time Analyzed (2): 12:52

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
PB167777BS	PB167777BS	PD088324.D	04/29/2025	04/29/2025
COMP-4	Q1903-01	PD088330.D	04/29/2025	04/29/2025
COMP-4MS	Q1903-01MS	PD088331.D	04/29/2025	04/29/2025
COMP-4MSD	Q1903-01MSD	PD088332.D	04/29/2025	04/29/2025
COMP-5	Q1903-02	PD088335.D	04/29/2025	04/29/2025
COMP-6	Q1903-03	PD088336.D	04/29/2025	04/29/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Mitchell School	Date Received:	
Client Sample ID:	PB167777BL	SDG No.:	Q1903
Lab Sample ID:	PB167777BL	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
PD088323.D	1	04/29/25 08:35	04/29/25 12:52	PB167777

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	18.0		20 - 144	90%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		19 - 148	91%	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:	Mitchell School	Date Received:	04/18/25
Client Sample ID:	PIBLK-PD088121.D	SDG No.:	Q1903
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:

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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:	04/29/25
Project:	Mitchell School	Date Received:	04/29/25
Client Sample ID:	PIBLK-PD088320.D	SDG No.:	Q1903
Lab Sample ID:	I.BLK-PD088320.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
PD088320.D	1		04/29/25	pd042925

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	18.7		43 - 140	94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.7		77 - 126	93%	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:	04/29/25
Project:	Mitchell School	Date Received:	04/29/25
Client Sample ID:	PIBLK-PD088333.D	SDG No.:	Q1903
Lab Sample ID:	I.BLK-PD088333.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
PD088333.D	1		04/29/25	pd042925

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	19.3		43 - 140	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.2		77 - 126	96%	SPK: 20

Comments:

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LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/29/25
Project:	Mitchell School	Date Received:	04/29/25
Client Sample ID:	PIBLK-PD088343.D	SDG No.:	Q1903
Lab Sample ID:	I.BLK-PD088343.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
PD088343.D	1		04/29/25	pd042925

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	18.8		43 - 140	94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.3		77 - 126	96%	SPK: 20

Comments:

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MDL = Method Detection Limit
LOD = Limit of Detection
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Mitchell School	Date Received:	
Client Sample ID:	PB167777BS	SDG No.:	Q1903
Lab Sample ID:	PB167777BS	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
PD088324.D	1	04/29/25 08:35	04/29/25 13:05	PB167777

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	17.5		0.12	1.70	ug/kg
60-57-1	Dieldrin	17.9		0.14	1.70	ug/kg
72-55-9	4,4-DDE	17.4		0.14	1.70	ug/kg
72-54-8	4,4-DDD	17.8		0.15	1.70	ug/kg
50-29-3	4,4-DDT	17.1		0.14	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.6		20 - 144	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		19 - 148	108%	SPK: 20

Comments:

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-4MS	SDG No.:	Q1903
Lab Sample ID:	Q1903-01MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	83.3 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
PD088331.D	1	04/29/25 08:35	04/29/25 14:51	PB167777

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	18.9		0.14	2.00	ug/kg
60-57-1	Dieldrin	19.0		0.17	2.00	ug/kg
72-55-9	4,4-DDE	18.4		0.17	2.00	ug/kg
72-54-8	4,4-DDD	19.2		0.18	2.00	ug/kg
50-29-3	4,4-DDT	17.2		0.17	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.4		20 - 144	82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		19 - 148	87%	SPK: 20

Comments:

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-4MSD	SDG No.:	Q1903
Lab Sample ID:	Q1903-01MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	83.3 Decanted:
Sample Wt/Vol:	30.04 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
PD088332.D	1	04/29/25 08:35	04/29/25 15:04	PB167777

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	19.0		0.14	2.00	ug/kg
60-57-1	Dieldrin	19.1		0.17	2.00	ug/kg
72-55-9	4,4-DDE	18.5		0.17	2.00	ug/kg
72-54-8	4,4-DDD	19.4		0.18	2.00	ug/kg
50-29-3	4,4-DDT	16.8		0.17	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.6		20 - 144	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		19 - 148	88%	SPK: 20

Comments:

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CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 12:35 **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	3.55	3.55	3.45	3.65	0.00
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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 12:35 **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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No.: CCAL01 **Date Analyzed:** 04/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088322.D **Time Analyzed:** 12:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.709	6.606	6.806	57.420	50.000	14.8
4,4'-DDE	6.200	6.097	6.297	53.620	50.000	7.2
4,4'-DDT	7.025	6.922	7.122	52.040	50.000	4.1
Aldrin	5.276	5.173	5.373	55.870	50.000	11.7
Decachlorobiphenyl	9.078	8.975	9.175	49.320	50.000	-1.4
Dieldrin	6.351	6.249	6.449	56.120	50.000	12.2
Tetrachloro-m-xylene	3.554	3.452	3.652	52.960	50.000	5.9

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No.: CCAL01 **Date Analyzed:** 04/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088322.D **Time Analyzed:** 12:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.932	5.834	6.034	50.260	50.000	0.5
4,4'-DDE	5.377	5.280	5.480	49.820	50.000	-0.4
4,4'-DDT	6.187	6.088	6.288	48.210	50.000	-3.6
Aldrin	4.371	4.273	4.473	51.590	50.000	3.2
Decachlorobiphenyl	8.076	7.977	8.177	45.680	50.000	-8.6
Dieldrin	5.516	5.417	5.617	50.020	50.000	0.0
Tetrachloro-m-xylene	2.881	2.783	2.983	49.290	50.000	-1.4

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 15:31 **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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 15:31 **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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No.: CCAL02 **Date Analyzed:** 04/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088334.D **Time Analyzed:** 15:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.706	6.606	6.806	57.730	50.000	15.5
4,4'-DDE	6.196	6.097	6.297	54.720	50.000	9.4
4,4'-DDT	7.022	6.922	7.122	52.530	50.000	5.1
Aldrin	5.272	5.173	5.373	57.330	50.000	14.7
Decachlorobiphenyl	9.074	8.975	9.175	50.420	50.000	0.8
Dieldrin	6.348	6.249	6.449	57.220	50.000	14.4
Tetrachloro-m-xylene	3.550	3.452	3.652	54.590	50.000	9.2

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No.: CCAL02 **Date Analyzed:** 04/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088334.D **Time Analyzed:** 15:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.933	5.834	6.034	50.950	50.000	1.9
4,4'-DDE	5.377	5.280	5.480	50.580	50.000	1.2
4,4'-DDT	6.187	6.088	6.288	48.480	50.000	-3.0
Aldrin	4.371	4.273	4.473	52.110	50.000	4.2
Decachlorobiphenyl	8.076	7.977	8.177	45.600	50.000	-8.8
Dieldrin	5.516	5.417	5.617	50.770	50.000	1.5
Tetrachloro-m-xylene	2.882	2.783	2.983	50.730	50.000	1.5

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 17:48 **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	3.55	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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 17:48 **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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No.: CCAL03 **Date Analyzed:** 04/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088344.D **Time Analyzed:** 17:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.706	6.606	6.806	57.550	50.000	15.1
4,4'-DDE	6.197	6.097	6.297	53.850	50.000	7.7
4,4'-DDT	7.023	6.922	7.122	51.450	50.000	2.9
Aldrin	5.273	5.173	5.373	57.020	50.000	14.0
Decachlorobiphenyl	9.076	8.975	9.175	48.910	50.000	-2.2
Dieldrin	6.349	6.249	6.449	56.170	50.000	12.3
Tetrachloro-m-xylene	3.550	3.452	3.652	54.930	50.000	9.9

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No.: CCAL03 **Date Analyzed:** 04/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088344.D **Time Analyzed:** 17:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.933	5.834	6.034	50.240	50.000	0.5
4,4'-DDE	5.377	5.280	5.480	49.810	50.000	-0.4
4,4'-DDT	6.187	6.088	6.288	46.040	50.000	-7.9
Aldrin	4.372	4.273	4.473	51.740	50.000	3.5
Decachlorobiphenyl	8.077	7.977	8.177	42.580	50.000	-14.8
Dieldrin	5.516	5.417	5.617	49.830	50.000	-0.3
Tetrachloro-m-xylene	2.882	2.783	2.983	50.630	50.000	1.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No. (PEM): PEM - PD088321.D **Date Analyzed:** 04/29/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:50

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.075	8.970	9.180	21.180	20.000	5.9
Tetrachloro-m-xylene	3.551	3.500	3.600	22.180	20.000	10.9
alpha-BHC	4.000	3.950	4.050	10.110	10.000	1.1
beta-BHC	4.516	4.470	4.570	11.610	10.000	16.1
gamma-BHC (Lindane)	4.331	4.280	4.380	10.540	10.000	5.4
Endrin	6.575	6.500	6.650	56.110	50.000	12.2
4,4'-DDT	7.022	6.950	7.090	105.030	100.000	5.0
Methoxychlor	7.494	7.420	7.560	241.280	250.000	-3.5

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

Client Sample No. (PEM): PEM - PD088321.D **Date Analyzed:** 04/29/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:50

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.075	7.970	8.180	19.850	20.000	-0.8
Tetrachloro-m-xylene	2.881	2.830	2.930	21.380	20.000	6.9
alpha-BHC	3.394	3.340	3.440	11.070	10.000	10.7
beta-BHC	4.027	3.980	4.080	11.390	10.000	13.9
gamma-BHC (Lindane)	3.731	3.680	3.780	11.060	10.000	10.6
Endrin	5.791	5.720	5.860	49.800	50.000	-0.4
4,4'-DDT	6.186	6.120	6.260	92.900	100.000	-7.1
Methoxychlor	6.757	6.690	6.830	187.360	250.000	-25.1

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1903

Project: Mitchell 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	04/29/2025	11:37	PD088320.D	9.09	3.56
PEM	PEM	04/29/2025	11:50	PD088321.D	9.08	3.55
PSTDCCC050	PSTDCCC050	04/29/2025	12:35	PD088322.D	9.08	3.55
PB167777BL	PB167777BL	04/29/2025	12:52	PD088323.D	9.08	3.56
PB167777BS	PB167777BS	04/29/2025	13:05	PD088324.D	9.07	3.55
COMP-4	Q1903-01	04/29/2025	14:37	PD088330.D	9.07	3.55
COMP-4MS	Q1903-01MS	04/29/2025	14:51	PD088331.D	9.07	3.55
COMP-4MSD	Q1903-01MSD	04/29/2025	15:04	PD088332.D	9.07	3.55
I.BLK	I.BLK	04/29/2025	15:18	PD088333.D	9.07	3.55
PSTDCCC050	PSTDCCC050	04/29/2025	15:31	PD088334.D	9.07	3.55
COMP-5	Q1903-02	04/29/2025	15:45	PD088335.D	9.07	3.55
COMP-6	Q1903-03	04/29/2025	15:58	PD088336.D	9.07	3.55
I.BLK	I.BLK	04/29/2025	17:34	PD088343.D	9.08	3.55
PSTDCCC050	PSTDCCC050	04/29/2025	17:48	PD088344.D	9.08	3.55

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1903

Project: Mitchell 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	04/29/2025	11:37	PD088320.D	8.08	2.88
PEM	PEM	04/29/2025	11:50	PD088321.D	8.08	2.88
PSTDCCC050	PSTDCCC050	04/29/2025	12:35	PD088322.D	8.08	2.88
PB167777BL	PB167777BL	04/29/2025	12:52	PD088323.D	8.08	2.88
PB167777BS	PB167777BS	04/29/2025	13:05	PD088324.D	8.08	2.88
COMP-4	Q1903-01	04/29/2025	14:37	PD088330.D	8.08	2.88
COMP-4MS	Q1903-01MS	04/29/2025	14:51	PD088331.D	8.08	2.88
COMP-4MSD	Q1903-01MSD	04/29/2025	15:04	PD088332.D	8.08	2.88
I.BLK	I.BLK	04/29/2025	15:18	PD088333.D	8.08	2.88
PSTDCCC050	PSTDCCC050	04/29/2025	15:31	PD088334.D	8.08	2.88
COMP-5	Q1903-02	04/29/2025	15:45	PD088335.D	8.08	2.88
COMP-6	Q1903-03	04/29/2025	15:58	PD088336.D	8.08	2.88
I.BLK	I.BLK	04/29/2025	17:34	PD088343.D	8.08	2.88
PSTDCCC050	PSTDCCC050	04/29/2025	17:48	PD088344.D	8.08	2.88

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-4MS

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Lab Sample ID: Q1903-01MS **Date(s) Analyzed:** 04/29/2025 04/29/2025

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
Aldrin	1	5.27	5.22	5.32	18.9	7.7
	2	4.37	4.32	4.42	17.5	
4,4'-DDE	1	6.20	6.15	6.25	18.4	6.2
	2	5.38	5.33	5.43	17.3	
Dieldrin	1	6.35	6.30	6.40	19.0	8.8
	2	5.52	5.47	5.57	17.4	
4,4'-DDD	1	6.71	6.66	6.76	19.2	11.6
	2	5.93	5.88	5.98	17.1	
4,4'-DDT	1	7.02	6.97	7.07	17.2	1.8
	2	6.19	6.14	6.24	16.9	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-4MSD

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Lab Sample ID: Q1903-01MSD **Date(s) Analyzed:** 04/29/2025 04/29/2025

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	19.4	12
	2	5.93	5.88	5.98	17.2	
4,4'-DDT	1	7.02	6.97	7.07	16.6	1.2
	2	6.19	6.14	6.24	16.8	
Aldrin	1	5.27	5.22	5.32	19.0	8.2
	2	4.37	4.32	4.42	17.5	
4,4'-DDE	1	6.20	6.15	6.25	18.5	5.6
	2	5.38	5.33	5.43	17.5	
Dieldrin	1	6.35	6.30	6.40	19.1	9.3
	2	5.52	5.47	5.57	17.4	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167777BS

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Lab Sample ID: PB167777BS **Date(s) Analyzed:** 04/29/2025 04/29/2025

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	17.8	8.2
	2	5.93	5.88	5.98	16.4	
4,4'-DDE	1	6.20	6.15	6.25	17.4	7.1
	2	5.38	5.33	5.43	16.2	
4,4'-DDT	1	7.02	6.97	7.07	17.1	7.3
	2	6.19	6.14	6.24	15.9	
Aldrin	1	5.27	5.22	5.32	17.5	7.7
	2	4.37	4.32	4.42	16.2	
Dieldrin	1	6.35	6.30	6.40	17.9	9.4
	2	5.52	5.47	5.57	16.3	

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LAB CHRONICLE

OrderID:	Q1903	**OrderDate:**	4/28/2025 11:30:00 AM
Client:	Kleinfelder	**Project:**	Mitchell School
Contact:	Mark Warchol	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1903-01	**COMP-4**	**SOIL**			**04/25/25**			**04/28/25**
			PCB Group1	8082A		04/29/25	04/29/25	
Q1903-02	**COMP-5**	**SOIL**			**04/25/25**			**04/28/25**
			PCB Group1	8082A		04/29/25	04/29/25	
Q1903-03	**COMP-6**	**SOIL**			**04/25/25**			**04/28/25**
			PCB Group1	8082A		04/29/25	04/29/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1903 **Order ID:** Q1903

Client: Kleinfelder **Project ID:** Mitchell 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:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-4	SDG No.:	Q1903
Lab Sample ID:	Q1903-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.3 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
PO110858.D	1	04/29/25 08:35	04/29/25 14:12	PB167776

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	23.9		32 - 144	120%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		32 - 175	101%	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:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-5	SDG No.:	Q1903
Lab Sample ID:	Q1903-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	78.9 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
PO110859.D	1	04/29/25 08:35	04/29/25 14:31	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.00	U	5.00	21.5	ug/kg
11097-69-1	Aroclor-1254	4.10	U	4.10	21.5	ug/kg
11096-82-5	Aroclor-1260	4.10	U	4.10	21.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		32 - 175	88%	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:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-6	SDG No.:	Q1903
Lab Sample ID:	Q1903-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.9 Decanted:
Sample Wt/Vol:	30.08 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
PO110860.D	1	04/29/25 08:35	04/29/25 14:49	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.2	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.2	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.2		32 - 144	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		32 - 175	99%	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

Alliance TECHNICAL GROUP
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Surrogate Summary

SDG No.: Q1903

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-PO110850.D	PIBLK-PO110850.D	Tetrachloro-m-xylene	1	20	18.0	90		60	140
		Decachlorobiphenyl	1	20	16.9	85		60	140
		Tetrachloro-m-xylene	2	20	16.6	83		60	140
		Decachlorobiphenyl	2	20	16.7	84		60	140
Q1903-01	COMP-4	Tetrachloro-m-xylene	1	20	23.9	120		32	144
		Decachlorobiphenyl	1	20	20.1	101		32	175
		Tetrachloro-m-xylene	2	20	21.8	109		32	144
		Decachlorobiphenyl	2	20	19.9	100		32	175
Q1903-02	COMP-5	Tetrachloro-m-xylene	1	20	21.8	109		32	144
		Decachlorobiphenyl	1	20	17.6	88		32	175
		Tetrachloro-m-xylene	2	20	20.0	100		32	144
		Decachlorobiphenyl	2	20	17.5	88		32	175
Q1903-03	COMP-6	Tetrachloro-m-xylene	1	20	23.2	116		32	144
		Decachlorobiphenyl	1	20	19.7	99		32	175
		Tetrachloro-m-xylene	2	20	21.2	106		32	144
		Decachlorobiphenyl	2	20	19.2	96		32	175
I.BLK-PO110865.D	PIBLK-PO110865.D	Tetrachloro-m-xylene	1	20	18.4	92		60	140
		Decachlorobiphenyl	1	20	17.5	88		60	140
		Tetrachloro-m-xylene	2	20	16.9	84		60	140
		Decachlorobiphenyl	2	20	16.9	85		60	140
Q1904-01MS	VNJ-210MS	Tetrachloro-m-xylene	1	20	23.3	117		32	144
		Decachlorobiphenyl	1	20	19.1	96		32	175
		Tetrachloro-m-xylene	2	20	21.3	106		32	144
		Decachlorobiphenyl	2	20	19.1	95		32	175
Q1904-01MSD	VNJ-210MSD	Tetrachloro-m-xylene	1	20	22.9	114		32	144
		Decachlorobiphenyl	1	20	19.0	95		32	175
		Tetrachloro-m-xylene	2	20	20.8	104		32	144
		Decachlorobiphenyl	2	20	18.7	93		32	175
I.BLK-PO110880.D	PIBLK-PO110880.D	Tetrachloro-m-xylene	1	20	18.4	92		60	140
		Decachlorobiphenyl	1	20	16.6	83		60	140
		Tetrachloro-m-xylene	2	20	17.0	85		60	140
		Decachlorobiphenyl	2	20	16.7	83		60	140
I.BLK-PP071388.D	PIBLK-PP071388.D	Tetrachloro-m-xylene	1	20	17.1	85		60	140
		Decachlorobiphenyl	1	20	17.6	88		60	140
		Tetrachloro-m-xylene	2	20	17.2	86		60	140
		Decachlorobiphenyl	2	20	17.6	88		60	140
I.BLK-PP071603.D	PIBLK-PP071603.D	Tetrachloro-m-xylene	1	20	15.9	79		60	140

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Surrogate Summary

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP071603.D	PIBLK-PP071603.D	Decachlorobiphenyl	1	20	17.3	86		60	140
		Tetrachloro-m-xylene	2	20	18.3	91		60	140
		Decachlorobiphenyl	2	20	18.6	93		60	140
PB167776BL	PB167776BL	Tetrachloro-m-xylene	1	20	18.7	94		32	144
		Decachlorobiphenyl	1	20	19.5	97		32	175
		Tetrachloro-m-xylene	2	20	19.9	100		32	144
		Decachlorobiphenyl	2	20	21.1	105		32	175
PB167776BS	PB167776BS	Tetrachloro-m-xylene	1	20	19.5	97		32	144
		Decachlorobiphenyl	1	20	20.9	105		32	175
		Tetrachloro-m-xylene	2	20	20.7	103		32	144
		Decachlorobiphenyl	2	20	21.3	106		32	175
I.BLK-PP071618.D	PIBLK-PP071618.D	Tetrachloro-m-xylene	1	20	16.0	80		60	140
		Decachlorobiphenyl	1	20	18.0	90		60	140
		Tetrachloro-m-xylene	2	20	17.3	86		60	140
		Decachlorobiphenyl	2	20	19.3	96		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: 8082A **DataFile :** PO110867.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:	**VNJ-210MS**											
Q1904-01MS	AR1016	183.8	0	201	ug/kg	109				55	146	
	AR1260	183.8	0	187	ug/kg	102				31	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: 8082A **DataFile :** PO110868.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:	**VNJ-210MSD**											
Q1904-01MSD	AR1016	183.7	0	199	ug/kg	108		1		55	146	20
	AR1260	183.7	0	183	ug/kg	100		2		31	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: 8082A **Datafile :** PP071608.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167776BS	AR1016	166.5	156	ug/kg	94				71	120	
	AR1260	166.5	157	ug/kg	94				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167776BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

Lab Sample ID: PB167776BL Lab File ID: PP071607.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 04/29/2025

Date Analyzed (1): 04/29/2025 Date Analyzed (2): 04/29/2025

Time Analyzed (1): 13:30 Time Analyzed (2): 13:30

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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
COMP-4	Q1903-01	PO110858.D	04/29/2025	04/29/2025
COMP-5	Q1903-02	PO110859.D	04/29/2025	04/29/2025
COMP-6	Q1903-03	PO110860.D	04/29/2025	04/29/2025
VNJ-210MS	Q1904-01MS	PO110867.D	04/29/2025	04/29/2025
VNJ-210MSD	Q1904-01MSD	PO110868.D	04/29/2025	04/29/2025
PB167776BS	PB167776BS	PP071608.D	04/29/2025	04/29/2025

COMMENTS:

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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	RT WINDOW 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
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

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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
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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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
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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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
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

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Calibration Times: 10:29 17:49

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

LAB FILE ID: RT 1000 = PP071389.D RT 750 = PP071390.D

RT 500 = PP071391.D RT 250 = PP071392.D RT 050 = PP071393.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.66	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1016-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1016-4	(4)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1016-5	(5)	6.14	6.14	6.15	6.14	6.14	6.14	6.04	6.24
Aroclor-1260-1	(1)	7.26	7.26	7.27	7.26	7.26	7.26	7.16	7.36
Aroclor-1260-2	(2)	7.51	7.51	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1260-3	(3)	7.87	7.87	7.88	7.87	7.88	7.87	7.77	7.97
Aroclor-1260-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1260-5	(5)	8.42	8.42	8.42	8.42	8.42	8.42	8.32	8.52
Decachlorobiphenyl		10.23	10.23	10.24	10.23	10.24	10.23	10.13	10.33
Tetrachloro-m-xylene		4.51	4.51	4.52	4.51	4.52	4.51	4.41	4.61
Aroclor-1254-1	(1)	6.52	6.52	6.52	6.52	6.52	6.52	6.42	6.62
Aroclor-1254-2	(2)	6.74	6.74	6.74	6.73	6.74	6.74	6.64	6.84
Aroclor-1254-3	(3)	7.10	7.10	7.10	7.10	7.10	7.10	7.00	7.20
Aroclor-1254-4	(4)	7.38	7.38	7.38	7.38	7.38	7.38	7.28	7.48
Aroclor-1254-5	(5)	7.80	7.80	7.80	7.80	7.80	7.80	7.70	7.90
Decachlorobiphenyl		10.24	10.24	10.24	10.23	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.52	4.52	4.52	4.51	4.51	4.51	4.41	4.61

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Calibration Times: 10:29 17:49

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

LAB FILE ID: RT 1000 = PP071389.D RT 750 = PP071390.D

RT 500 = PP071391.D RT 250 = PP071392.D RT 050 = PP071393.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-3	(3)	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1016-4	(4)	5.13	5.13	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1016-5	(5)	5.35	5.35	5.35	5.35	5.35	5.35	5.25	5.45
Aroclor-1260-1	(1)	6.38	6.38	6.39	6.39	6.38	6.38	6.28	6.48
Aroclor-1260-2	(2)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Aroclor-1260-3	(3)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Aroclor-1260-4	(4)	7.20	7.20	7.20	7.20	7.20	7.20	7.10	7.30
Aroclor-1260-5	(5)	7.44	7.44	7.44	7.44	7.44	7.44	7.34	7.54
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1254-1	(1)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1254-2	(2)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1254-3	(3)	6.25	6.26	6.25	6.26	6.26	6.26	6.16	6.36
Aroclor-1254-4	(4)	6.48	6.48	6.48	6.48	6.48	6.48	6.38	6.58
Aroclor-1254-5	(5)	6.90	6.90	6.90	6.90	6.90	6.90	6.80	7.00
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Calibration Times: 10:29 17:49

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

LAB FILE ID: **CF 1000 =** PP071389.D **CF 750 =** PP071390.D

CF 500 = PP071391.D **CF 250 =** PP071392.D **CF 050 =** PP071393.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	64709894	67652695	70083532	71128656	61674340	67049823	6
Aroclor-1016-2	(2)	98977911	102364897	107369074	108813892	95615840	102628323	5
Aroclor-1016-3	(3)	59905708	62127143	64296308	65849928	56056440	61647105	6
Aroclor-1016-4	(4)	50563747	52419789	53619076	54941428	44946700	51298148	8
Aroclor-1016-5	(5)	47772963	49344036	50670668	50888564	42515680	48238382	7
Aroclor-1260-1	(1)	90879847	94857525	98814986	99659744	95910940	96024608	4
Aroclor-1260-2	(2)	137163459	142386411	147498372	149887700	138450980	143077384	4
Aroclor-1260-3	(3)	110350751	114445481	117702804	126515524	91505860	112104084	12
Aroclor-1260-4	(4)	105570732	110780085	111211068	131260612	105501660	112864831	9
Aroclor-1260-5	(5)	220536830	229070229	228919678	255108180	199231240	226573231	9
Decachlorobiphenyl		1409816860	1467002307	1522583160	1539948480	1300700600	1448010281	7
Tetrachloro-m-xylene		1947183160	2005072840	2066603680	2100352680	1793966200	1982635712	6
Aroclor-1254-1	(1)	78574372	81246615	85577334	88598188	75759400	81951182	6
Aroclor-1254-2	(2)	121624435	125816099	132146328	137115708	118678260	127076166	6
Aroclor-1254-3	(3)	123432630	127799839	132981654	137623252	117036460	127774767	6
Aroclor-1254-4	(4)	112512019	116259037	121737436	124392856	112665620	117513394	5
Aroclor-1254-5	(5)	106399089	105922557	113785120	116153044	96391680	107730298	7
Decachlorobiphenyl		1410101810	1469202520	1526389740	1549706840	1328725400	1456825262	6
Tetrachloro-m-xylene		1888241120	1936990333	2012368600	2071565920	1722515200	1926336235	7

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Calibration Times: 10:29 17:49

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

LAB FILE ID: **CF 1000 =** PP071389.D **CF 750 =** PP071390.D

CF 500 = PP071391.D **CF 250 =** PP071392.D **CF 050 =** PP071393.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	48121828	49414308	53806128	56180596	60145020	53533576	9
Aroclor-1016-2	(2)	69736709	72096436	77213744	78520924	84250740	76363711	7
Aroclor-1016-3	(3)	38517048	40455577	43831736	45082616	43165080	42210411	6
Aroclor-1016-4	(4)	31206636	32814844	36123020	37095092	35190100	34485938	7
Aroclor-1016-5	(5)	39458687	41985771	45850608	46345748	48595640	44447291	8
Aroclor-1260-1	(1)	63219917	66123699	73727666	76350368	82074520	72299234	11
Aroclor-1260-2	(2)	77338708	77548395	89921718	91492956	101005300	87461415	12
Aroclor-1260-3	(3)	72062678	70944365	81698234	79344004	87888600	78387576	9
Aroclor-1260-4	(4)	57333188	56779915	65331750	68083052	68025140	63110609	9
Aroclor-1260-5	(5)	143809415	139161576	155842678	157512280	157560640	150777318	6
Decachlorobiphenyl		831147600	875337973	902319620	934998560	841460400	877052831	5
Tetrachloro-m-xylene		1380433570	1378340613	1415112020	1448341640	1420974200	1408640409	2
Aroclor-1254-1	(1)	81690839	87361264	89755404	97285536	100908960	91400401	8
Aroclor-1254-2	(2)	70045476	75469849	77317914	83154376	87573280	78712179	9
Aroclor-1254-3	(3)	109725744	114103376	120096818	124380164	124235440	118508308	5
Aroclor-1254-4	(4)	70169900	74068720	77810162	81877428	81901880	77165618	7
Aroclor-1254-5	(5)	92229111	96109599	104690794	107384400	106924600	101467701	7
Decachlorobiphenyl		846307500	875335867	916104900	955261880	868223800	892246789	5
Tetrachloro-m-xylene		1390553300	1501013893	1450901500	1518608160	1468503000	1465915971	3

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 09:24 **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)	6.82	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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 09:24 **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)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.29	7.30	7.20	7.40	0.01
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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No.: CCAL01 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110846.D **Time Analyzed:** 09:24

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.775	4.679	4.879	554.440	500.000	10.9
Aroclor-1016-2	4.795	4.698	4.898	558.040	500.000	11.6
Aroclor-1016-3	4.851	4.755	4.955	542.460	500.000	8.5
Aroclor-1016-4	4.971	4.875	5.075	553.630	500.000	10.7
Aroclor-1016-5	5.228	5.132	5.332	543.180	500.000	8.6
Aroclor-1260-1	6.268	6.172	6.372	535.720	500.000	7.1
Aroclor-1260-2	6.457	6.360	6.560	519.830	500.000	4.0
Aroclor-1260-3	6.824	6.729	6.929	522.530	500.000	4.5
Aroclor-1260-4	7.085	6.988	7.188	513.390	500.000	2.7
Aroclor-1260-5	7.326	7.230	7.430	515.480	500.000	3.1
Decachlorobiphenyl	8.727	8.632	8.832	47.400	50.000	-5.2
Tetrachloro-m-xylene	3.686	3.588	3.788	56.210	50.000	12.4

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No.: CCAL01 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110846.D **Time Analyzed:** 09:24

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.762	4.666	4.866	520.260	500.000	4.1
Aroclor-1016-2	4.781	4.684	4.884	519.530	500.000	3.9
Aroclor-1016-3	4.956	4.860	5.060	502.490	500.000	0.5
Aroclor-1016-4	4.998	4.902	5.102	493.190	500.000	-1.4
Aroclor-1016-5	5.211	5.115	5.315	490.700	500.000	-1.9
Aroclor-1260-1	6.242	6.146	6.346	492.670	500.000	-1.5
Aroclor-1260-2	6.430	6.334	6.534	484.910	500.000	-3.0
Aroclor-1260-3	6.582	6.487	6.687	480.540	500.000	-3.9
Aroclor-1260-4	7.053	6.957	7.157	480.890	500.000	-3.8
Aroclor-1260-5	7.294	7.197	7.397	482.240	500.000	-3.6
Decachlorobiphenyl	8.679	8.584	8.784	46.500	50.000	-7.0
Tetrachloro-m-xylene	3.683	3.586	3.786	53.130	50.000	6.3

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 15:58 **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)	7.08	7.09	6.99	7.19	0.01
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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 15:58 **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)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.29	7.30	7.20	7.40	0.01
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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No.: CCAL02 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110861.D **Time Analyzed:** 15:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	567.510	500.000	13.5
Aroclor-1016-2	4.795	4.698	4.898	567.550	500.000	13.5
Aroclor-1016-3	4.851	4.755	4.955	552.160	500.000	10.4
Aroclor-1016-4	4.972	4.875	5.075	566.160	500.000	13.2
Aroclor-1016-5	5.229	5.132	5.332	568.900	500.000	13.8
Aroclor-1260-1	6.268	6.172	6.372	552.510	500.000	10.5
Aroclor-1260-2	6.457	6.360	6.560	540.900	500.000	8.2
Aroclor-1260-3	6.825	6.729	6.929	541.450	500.000	8.3
Aroclor-1260-4	7.084	6.988	7.188	532.720	500.000	6.5
Aroclor-1260-5	7.327	7.230	7.430	535.700	500.000	7.1
Decachlorobiphenyl	8.728	8.632	8.832	49.210	50.000	-1.6
Tetrachloro-m-xylene	3.686	3.588	3.788	57.430	50.000	14.9

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No.: CCAL02 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110861.D **Time Analyzed:** 15:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.763	4.666	4.866	533.100	500.000	6.6
Aroclor-1016-2	4.781	4.684	4.884	531.290	500.000	6.3
Aroclor-1016-3	4.956	4.860	5.060	513.330	500.000	2.7
Aroclor-1016-4	4.998	4.902	5.102	496.070	500.000	-0.8
Aroclor-1016-5	5.211	5.115	5.315	510.550	500.000	2.1
Aroclor-1260-1	6.242	6.146	6.346	502.200	500.000	0.4
Aroclor-1260-2	6.429	6.334	6.534	495.650	500.000	-0.9
Aroclor-1260-3	6.582	6.487	6.687	487.880	500.000	-2.4
Aroclor-1260-4	7.053	6.957	7.157	485.750	500.000	-2.9
Aroclor-1260-5	7.294	7.197	7.397	488.550	500.000	-2.3
Decachlorobiphenyl	8.679	8.584	8.784	46.590	50.000	-6.8
Tetrachloro-m-xylene	3.683	3.586	3.786	54.630	50.000	9.3

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 22:00 **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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 22:00 **Initial Calibration Time(s):** 09:36 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	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)	7.05	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.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No.: CCAL03 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110876.D **Time Analyzed:** 22:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	557.860	500.000	11.6
Aroclor-1016-2	4.795	4.698	4.898	559.810	500.000	12.0
Aroclor-1016-3	4.851	4.755	4.955	538.720	500.000	7.7
Aroclor-1016-4	4.971	4.875	5.075	545.640	500.000	9.1
Aroclor-1016-5	5.229	5.132	5.332	551.180	500.000	10.2
Aroclor-1260-1	6.269	6.172	6.372	518.480	500.000	3.7
Aroclor-1260-2	6.457	6.360	6.560	510.870	500.000	2.2
Aroclor-1260-3	6.825	6.729	6.929	503.660	500.000	0.7
Aroclor-1260-4	7.085	6.988	7.188	490.870	500.000	-1.8
Aroclor-1260-5	7.327	7.230	7.430	489.900	500.000	-2.0
Decachlorobiphenyl	8.728	8.632	8.832	45.530	50.000	-8.9
Tetrachloro-m-xylene	3.686	3.588	3.788	57.090	50.000	14.2

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

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

Client Sample No.: CCAL03 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110876.D **Time Analyzed:** 22:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.762	4.666	4.866	524.970	500.000	5.0
Aroclor-1016-2	4.781	4.684	4.884	531.970	500.000	6.4
Aroclor-1016-3	4.957	4.860	5.060	500.250	500.000	0.1
Aroclor-1016-4	4.998	4.902	5.102	481.510	500.000	-3.7
Aroclor-1016-5	5.211	5.115	5.315	505.850	500.000	1.2
Aroclor-1260-1	6.243	6.146	6.346	482.790	500.000	-3.4
Aroclor-1260-2	6.431	6.334	6.534	475.660	500.000	-4.9
Aroclor-1260-3	6.583	6.487	6.687	468.070	500.000	-6.4
Aroclor-1260-4	7.054	6.957	7.157	461.140	500.000	-7.8
Aroclor-1260-5	7.295	7.197	7.397	461.730	500.000	-7.7
Decachlorobiphenyl	8.680	8.584	8.784	44.710	50.000	-10.6
Tetrachloro-m-xylene	3.683	3.586	3.786	54.470	50.000	8.9

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 10:33 **Initial Calibration Time(s):** 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.84	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 10:33 **Initial Calibration Time(s):** 10:29 17:49

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)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071599.D **Time Analyzed:** 10:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.663	5.571	5.771	514.370	500.000	2.9
Aroclor-1016-2	5.685	5.593	5.793	504.710	500.000	0.9
Aroclor-1016-3	5.747	5.654	5.854	510.290	500.000	2.1
Aroclor-1016-4	5.844	5.752	5.952	520.150	500.000	4.0
Aroclor-1016-5	6.137	6.045	6.245	506.180	500.000	1.2
Aroclor-1260-1	7.256	7.165	7.365	529.010	500.000	5.8
Aroclor-1260-2	7.509	7.418	7.618	515.870	500.000	3.2
Aroclor-1260-3	7.868	7.777	7.977	531.680	500.000	6.3
Aroclor-1260-4	8.092	8.002	8.202	513.780	500.000	2.8
Aroclor-1260-5	8.412	8.322	8.522	529.980	500.000	6.0
Decachlorobiphenyl	10.225	10.137	10.337	54.140	50.000	8.3
Tetrachloro-m-xylene	4.510	4.417	4.617	50.740	50.000	1.5

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071599.D **Time Analyzed:** 10:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.892	4.798	4.998	525.310	500.000	5.1
Aroclor-1016-2	4.911	4.816	5.016	530.190	500.000	6.0
Aroclor-1016-3	5.088	4.993	5.193	543.770	500.000	8.8
Aroclor-1016-4	5.130	5.036	5.236	528.260	500.000	5.7
Aroclor-1016-5	5.344	5.250	5.450	571.750	500.000	14.4
Aroclor-1260-1	6.378	6.285	6.485	556.170	500.000	11.2
Aroclor-1260-2	6.566	6.473	6.673	550.380	500.000	10.1
Aroclor-1260-3	6.720	6.627	6.827	543.580	500.000	8.7
Aroclor-1260-4	7.190	7.098	7.298	548.770	500.000	9.8
Aroclor-1260-5	7.432	7.339	7.539	538.670	500.000	7.7
Decachlorobiphenyl	8.840	8.749	8.949	53.370	50.000	6.7
Tetrachloro-m-xylene	3.808	3.712	3.912	56.790	50.000	13.6

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 16:29 **Initial Calibration Time(s):** 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.67	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.10	8.10	8.00	8.20	0.00
Aroclor-1260-5	(5)	8.42	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 16:29 **Initial Calibration Time(s):** 10:29 17:49

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)	4.90	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.35	5.35	5.25	5.45	0.00
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.44	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL05 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071614.D **Time Analyzed:** 16:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.665	5.571	5.771	519.380	500.000	3.9
Aroclor-1016-2	5.688	5.593	5.793	509.990	500.000	2.0
Aroclor-1016-3	5.750	5.654	5.854	509.200	500.000	1.8
Aroclor-1016-4	5.847	5.752	5.952	513.170	500.000	2.6
Aroclor-1016-5	6.140	6.045	6.245	520.600	500.000	4.1
Aroclor-1260-1	7.259	7.165	7.365	536.190	500.000	7.2
Aroclor-1260-2	7.512	7.418	7.618	518.580	500.000	3.7
Aroclor-1260-3	7.870	7.777	7.977	532.700	500.000	6.5
Aroclor-1260-4	8.095	8.002	8.202	515.410	500.000	3.1
Aroclor-1260-5	8.415	8.322	8.522	534.510	500.000	6.9
Decachlorobiphenyl	10.230	10.137	10.337	54.370	50.000	8.7
Tetrachloro-m-xylene	4.512	4.417	4.617	51.110	50.000	2.2

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1903 **SAS No.:** Q1903 **SDG NO.:** Q1903

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL05 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071614.D **Time Analyzed:** 16:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.895	4.798	4.998	517.640	500.000	3.5
Aroclor-1016-2	4.914	4.816	5.016	516.230	500.000	3.2
Aroclor-1016-3	5.090	4.993	5.193	534.980	500.000	7.0
Aroclor-1016-4	5.132	5.036	5.236	540.310	500.000	8.1
Aroclor-1016-5	5.347	5.250	5.450	579.870	500.000	16.0
Aroclor-1260-1	6.381	6.285	6.485	542.610	500.000	8.5
Aroclor-1260-2	6.569	6.473	6.673	540.120	500.000	8.0
Aroclor-1260-3	6.722	6.627	6.827	523.900	500.000	4.8
Aroclor-1260-4	7.193	7.098	7.298	538.880	500.000	7.8
Aroclor-1260-5	7.435	7.339	7.539	527.470	500.000	5.5
Decachlorobiphenyl	8.844	8.749	8.949	54.370	50.000	8.7
Tetrachloro-m-xylene	3.810	3.712	3.912	50.630	50.000	1.3

Alliance TECHNICAL GROUP
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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1903

Project: Mitchell 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	04/29/2025	09:24	PO110846.D	8.73	3.69
I.BLK	I.BLK	04/29/2025	10:40	PO110850.D	8.73	3.69
COMP-4	Q1903-01	04/29/2025	14:12	PO110858.D	8.73	3.69
COMP-5	Q1903-02	04/29/2025	14:31	PO110859.D	8.73	3.69
COMP-6	Q1903-03	04/29/2025	14:49	PO110860.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/29/2025	15:58	PO110861.D	8.73	3.69
I.BLK	I.BLK	04/29/2025	17:29	PO110865.D	8.73	3.69
VNJ-210MS	Q1904-01MS	04/29/2025	18:05	PO110867.D	8.73	3.68
VNJ-210MSD	Q1904-01MSD	04/29/2025	18:23	PO110868.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/29/2025	22:00	PO110876.D	8.73	3.69
I.BLK	I.BLK	04/29/2025	23:31	PO110880.D	8.73	3.69
I.BLK	I.BLK	04/22/2025	10:13	PP071388.D	10.23	4.51
AR1660ICC1000	AR1660ICC1000	04/22/2025	10:29	PP071389.D	10.23	4.51

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Analytical Sequence

AR1660ICC750	AR1660ICC750	04/22/2025	10:45	PP071390.D	10.23	4.51
AR1660ICC500	AR1660ICC500	04/22/2025	11:02	PP071391.D	10.24	4.52
AR1660ICC250	AR1660ICC250	04/22/2025	11:18	PP071392.D	10.23	4.51
AR1660ICC050	AR1660ICC050	04/22/2025	11:34	PP071393.D	10.24	4.52
AR1221ICC500	AR1221ICC500	04/22/2025	11:51	PP071394.D	10.23	4.51
AR1232ICC500	AR1232ICC500	04/22/2025	12:07	PP071395.D	10.23	4.52
AR1242ICC1000	AR1242ICC1000	04/22/2025	12:23	PP071396.D	10.23	4.51
AR1242ICC750	AR1242ICC750	04/22/2025	12:39	PP071397.D	10.24	4.52
AR1242ICC500	AR1242ICC500	04/22/2025	12:56	PP071398.D	10.24	4.51
AR1242ICC250	AR1242ICC250	04/22/2025	13:12	PP071399.D	10.23	4.51
AR1242ICC050	AR1242ICC050	04/22/2025	13:28	PP071400.D	10.24	4.52
AR1248ICC1000	AR1248ICC1000	04/22/2025	13:45	PP071401.D	10.24	4.52
AR1248ICC750	AR1248ICC750	04/22/2025	14:01	PP071402.D	10.24	4.52
AR1248ICC500	AR1248ICC500	04/22/2025	14:17	PP071403.D	10.24	4.51
AR1248ICC250	AR1248ICC250	04/22/2025	14:33	PP071404.D	10.24	4.51
AR1248ICC050	AR1248ICC050	04/22/2025	14:50	PP071405.D	10.24	4.51
AR1254ICC1000	AR1254ICC1000	04/22/2025	15:06	PP071406.D	10.24	4.52
AR1254ICC750	AR1254ICC750	04/22/2025	15:22	PP071407.D	10.24	4.52
AR1254ICC500	AR1254ICC500	04/22/2025	15:38	PP071408.D	10.24	4.52
AR1254ICC250	AR1254ICC250	04/22/2025	15:55	PP071409.D	10.23	4.51
AR1254ICC050	AR1254ICC050	04/22/2025	16:11	PP071410.D	10.24	4.51
AR1262ICC500	AR1262ICC500	04/22/2025	16:27	PP071411.D	10.24	4.52
AR1268ICC1000	AR1268ICC1000	04/22/2025	16:44	PP071412.D	10.24	4.51
AR1268ICC750	AR1268ICC750	04/22/2025	17:00	PP071413.D	10.23	4.52
AR1268ICC500	AR1268ICC500	04/22/2025	17:16	PP071414.D	10.24	4.52
AR1268ICC250	AR1268ICC250	04/22/2025	17:33	PP071415.D	10.24	4.52
AR1268ICC050	AR1268ICC050	04/22/2025	17:49	PP071416.D	10.24	4.51
AR1660CCC500	AR1660CCC500	04/29/2025	10:33	PP071599.D	10.23	4.51
I.BLK	I.BLK	04/29/2025	11:40	PP071603.D	10.23	4.51
PB167776BL	PB167776BL	04/29/2025	13:30	PP071607.D	10.23	4.51
PB167776BS	PB167776BS	04/29/2025	13:46	PP071608.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/29/2025	16:29	PP071614.D	10.23	4.51
I.BLK	I.BLK	04/29/2025	17:51	PP071618.D	10.23	4.51

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1903

Project: Mitchell 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	04/29/2025	09:24	PO110846.D	8.68	3.68
I.BLK	I.BLK	04/29/2025	10:40	PO110850.D	8.68	3.68
COMP-4	Q1903-01	04/29/2025	14:12	PO110858.D	8.68	3.68
COMP-5	Q1903-02	04/29/2025	14:31	PO110859.D	8.68	3.68
COMP-6	Q1903-03	04/29/2025	14:49	PO110860.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/29/2025	15:58	PO110861.D	8.68	3.68
I.BLK	I.BLK	04/29/2025	17:29	PO110865.D	8.68	3.68
VNJ-210MS	Q1904-01MS	04/29/2025	18:05	PO110867.D	8.68	3.68
VNJ-210MSD	Q1904-01MSD	04/29/2025	18:23	PO110868.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/29/2025	22:00	PO110876.D	8.68	3.68
I.BLK	I.BLK	04/29/2025	23:31	PO110880.D	8.68	3.68
I.BLK	I.BLK	04/22/2025	10:13	PP071388.D	8.85	3.81
AR1660ICC1000	AR1660ICC1000	04/22/2025	10:29	PP071389.D	8.85	3.81

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Analytical Sequence

AR1660ICC750	AR1660ICC750	04/22/2025	10:45	PP071390.D	8.85	3.81
AR1660ICC500	AR1660ICC500	04/22/2025	11:02	PP071391.D	8.85	3.81
AR1660ICC250	AR1660ICC250	04/22/2025	11:18	PP071392.D	8.85	3.81
AR1660ICC050	AR1660ICC050	04/22/2025	11:34	PP071393.D	8.85	3.81
AR1221ICC500	AR1221ICC500	04/22/2025	11:51	PP071394.D	8.85	3.81
AR1232ICC500	AR1232ICC500	04/22/2025	12:07	PP071395.D	8.85	3.81
AR1242ICC1000	AR1242ICC1000	04/22/2025	12:23	PP071396.D	8.85	3.81
AR1242ICC750	AR1242ICC750	04/22/2025	12:39	PP071397.D	8.85	3.81
AR1242ICC500	AR1242ICC500	04/22/2025	12:56	PP071398.D	8.85	3.81
AR1242ICC250	AR1242ICC250	04/22/2025	13:12	PP071399.D	8.85	3.81
AR1242ICC050	AR1242ICC050	04/22/2025	13:28	PP071400.D	8.85	3.81
AR1248ICC1000	AR1248ICC1000	04/22/2025	13:45	PP071401.D	8.85	3.81
AR1248ICC750	AR1248ICC750	04/22/2025	14:01	PP071402.D	8.85	3.81
AR1248ICC500	AR1248ICC500	04/22/2025	14:17	PP071403.D	8.85	3.81
AR1248ICC250	AR1248ICC250	04/22/2025	14:33	PP071404.D	8.85	3.81
AR1248ICC050	AR1248ICC050	04/22/2025	14:50	PP071405.D	8.85	3.81
AR1254ICC1000	AR1254ICC1000	04/22/2025	15:06	PP071406.D	8.85	3.81
AR1254ICC750	AR1254ICC750	04/22/2025	15:22	PP071407.D	8.85	3.81
AR1254ICC500	AR1254ICC500	04/22/2025	15:38	PP071408.D	8.85	3.81
AR1254ICC250	AR1254ICC250	04/22/2025	15:55	PP071409.D	8.85	3.81
AR1254ICC050	AR1254ICC050	04/22/2025	16:11	PP071410.D	8.85	3.81
AR1262ICC500	AR1262ICC500	04/22/2025	16:27	PP071411.D	8.85	3.81
AR1268ICC1000	AR1268ICC1000	04/22/2025	16:44	PP071412.D	8.85	3.81
AR1268ICC750	AR1268ICC750	04/22/2025	17:00	PP071413.D	8.85	3.81
AR1268ICC500	AR1268ICC500	04/22/2025	17:16	PP071414.D	8.85	3.81
AR1268ICC250	AR1268ICC250	04/22/2025	17:33	PP071415.D	8.85	3.81
AR1268ICC050	AR1268ICC050	04/22/2025	17:49	PP071416.D	8.85	3.81
AR1660CCC500	AR1660CCC500	04/29/2025	10:33	PP071599.D	8.84	3.81
I.BLK	I.BLK	04/29/2025	11:40	PP071603.D	8.84	3.81
PB167776BL	PB167776BL	04/29/2025	13:30	PP071607.D	8.84	3.81
PB167776BS	PB167776BS	04/29/2025	13:46	PP071608.D	8.84	3.81
AR1660CCC500	AR1660CCC500	04/29/2025	16:29	PP071614.D	8.84	3.81
I.BLK	I.BLK	04/29/2025	17:51	PP071618.D	8.84	3.81

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Mitchell School	Date Received:	
Client Sample ID:	PB167776BL	SDG No.:	Q1903
Lab Sample ID:	PB167776BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 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
PP071607.D	1	04/29/25 08:35	04/29/25 13:30	PB167776

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	19.9		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		32 - 175	105%	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:	04/10/25
Project:	Mitchell School	Date Received:	04/10/25
Client Sample ID:	PIBLK-PO110348.D	SDG No.:	Q1903
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:

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/29/25
Project:	Mitchell School	Date Received:	04/29/25
Client Sample ID:	PIBLK-PO110850.D	SDG No.:	Q1903
Lab Sample ID:	I.BLK-PO110850.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
PO110850.D	1		04/29/25	PO042925

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	16.6		60 - 140	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		60 - 140	84%	SPK: 20

Comments:

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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:	04/29/25
Project:	Mitchell School	Date Received:	04/29/25
Client Sample ID:	PIBLK-PO110865.D	SDG No.:	Q1903
Lab Sample ID:	I.BLK-PO110865.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
PO110865.D	1		04/29/25	PO042925

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	16.9		60 - 140	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		60 - 140	85%	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:	04/29/25
Project:	Mitchell School	Date Received:	04/29/25
Client Sample ID:	PIBLK-PO110880.D	SDG No.:	Q1903
Lab Sample ID:	I.BLK-PO110880.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
PO110880.D	1		04/29/25	PO042925

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	17.0		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.6		60 - 140	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

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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/22/25
Project:	Mitchell School	Date Received:	04/22/25
Client Sample ID:	PIBLK-PP071388.D	SDG No.:	Q1903
Lab Sample ID:	I.BLK-PP071388.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
PP071388.D	1		04/22/25	PP042225

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	17.1		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		60 - 140	88%	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:	04/29/25
Project:	Mitchell School	Date Received:	04/29/25
Client Sample ID:	PIBLK-PP071603.D	SDG No.:	Q1903
Lab Sample ID:	I.BLK-PP071603.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
PP071603.D	1		04/29/25	PP042925

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	15.9		60 - 140	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140	86%	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:	04/29/25
Project:	Mitchell School	Date Received:	04/29/25
Client Sample ID:	PIBLK-PP071618.D	SDG No.:	Q1903
Lab Sample ID:	I.BLK-PP071618.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
PP071618.D	1		04/29/25	PP042925

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	16.0		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.0		60 - 140	90%	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:	Mitchell School		Date Received:		
Client Sample ID:	PB167776BS		SDG No.:	Q1903	
Lab Sample ID:	PB167776BS		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
PP071608.D	1	04/29/25 08:35	04/29/25 13:46	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	156		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	157		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.3		32 - 175	106%	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:	04/28/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	VNJ-210MS	SDG No.:	Q1903
Lab Sample ID:	Q1904-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.6 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
PO110867.D	1	04/29/25 08:35	04/29/25 18:05	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	201		4.40	18.7	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.7	ug/kg
11096-82-5	Aroclor-1260	187		3.60	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.3		32 - 144	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.1		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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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/28/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	VNJ-210MSD	SDG No.:	Q1903
Lab Sample ID:	Q1904-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.6 Decanted:
Sample Wt/Vol:	30.05 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
PO110868.D	1	04/29/25 08:35	04/29/25 18:23	PB167776

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	199		4.40	18.7	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.7	ug/kg
11096-82-5	Aroclor-1260	183		3.60	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.9		32 - 144	114%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		32 - 175	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

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LAB CHRONICLE

OrderID:	Q1903	**OrderDate:**	4/28/2025 11:30:00 AM
Client:	Kleinfelder	**Project:**	Mitchell School
Contact:	Mark Warchol	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1903-01	**COMP-4**	**SOIL**			**04/25/25**			**04/28/25**
			Mercury	7471B		04/29/25	04/30/25	
			Metals ICP-Group1	6010D		04/29/25	04/30/25	
Q1903-02	**COMP-5**	**SOIL**			**04/25/25**			**04/28/25**
			Mercury	7471B		04/29/25	04/30/25	
			Metals ICP-Group1	6010D		04/29/25	04/30/25	
Q1903-03	**COMP-6**	**SOIL**			**04/25/25**			**04/28/25**
			Mercury	7471B		04/29/25	04/30/25	
			Metals ICP-Group1	6010D		04/29/25	04/30/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1903 **Order ID:** Q1903

Client: Kleinfelder **Project ID:** Mitchell School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-4								
Q1903-01	COMP-4	SOIL	Aluminum	7170		0.86	5.11	mg/Kg
Q1903-01	COMP-4	SOIL	Arsenic	3.07		0.19	1.02	mg/Kg
Q1903-01	COMP-4	SOIL	Barium	33.0		0.75	5.11	mg/Kg
Q1903-01	COMP-4	SOIL	Beryllium	0.36		0.026	0.31	mg/Kg
Q1903-01	COMP-4	SOIL	Boron	5.91		0.82	5.11	mg/Kg
Q1903-01	COMP-4	SOIL	Chromium	17.4		0.048	0.51	mg/Kg
Q1903-01	COMP-4	SOIL	Cobalt	3.63		0.10	1.53	mg/Kg
Q1903-01	COMP-4	SOIL	Copper	5.67		0.23	1.02	mg/Kg
Q1903-01	COMP-4	SOIL	Iron	11000		4.08	5.11	mg/Kg
Q1903-01	COMP-4	SOIL	Lead	7.00		0.13	0.61	mg/Kg
Q1903-01	COMP-4	SOIL	Manganese	54.7		0.14	1.02	mg/Kg
Q1903-01	COMP-4	SOIL	Mercury	0.018		0.0090	0.016	mg/Kg
Q1903-01	COMP-4	SOIL	Nickel	6.79		0.13	2.04	mg/Kg
Q1903-01	COMP-4	SOIL	Selenium	0.53	J	0.27	1.02	mg/Kg
Q1903-01	COMP-4	SOIL	Silver	0.27	J	0.12	0.51	mg/Kg
Q1903-01	COMP-4	SOIL	Thallium	0.27	J	0.24	2.04	mg/Kg
Q1903-01	COMP-4	SOIL	Vanadium	18.6		0.26	2.04	mg/Kg
Q1903-01	COMP-4	SOIL	Zinc	16.7		0.24	2.04	mg/Kg
Client ID : COMP-5								
Q1903-02	COMP-5	SOIL	Aluminum	6520		0.97	5.76	mg/Kg
Q1903-02	COMP-5	SOIL	Arsenic	5.31		0.22	1.15	mg/Kg
Q1903-02	COMP-5	SOIL	Barium	38.1		0.84	5.76	mg/Kg
Q1903-02	COMP-5	SOIL	Beryllium	0.57		0.029	0.35	mg/Kg
Q1903-02	COMP-5	SOIL	Boron	8.59		0.92	5.76	mg/Kg
Q1903-02	COMP-5	SOIL	Chromium	18.0		0.054	0.58	mg/Kg
Q1903-02	COMP-5	SOIL	Cobalt	6.28		0.12	1.73	mg/Kg
Q1903-02	COMP-5	SOIL	Copper	13.4		0.25	1.15	mg/Kg
Q1903-02	COMP-5	SOIL	Iron	17500		4.60	5.76	mg/Kg
Q1903-02	COMP-5	SOIL	Lead	22.2		0.15	0.69	mg/Kg
Q1903-02	COMP-5	SOIL	Manganese	89.0		0.16	1.15	mg/Kg
Q1903-02	COMP-5	SOIL	Mercury	0.020		0.010	0.018	mg/Kg
Q1903-02	COMP-5	SOIL	Nickel	10.1		0.15	2.30	mg/Kg
Q1903-02	COMP-5	SOIL	Selenium	0.82	J	0.30	1.15	mg/Kg
Q1903-02	COMP-5	SOIL	Silver	0.35	J	0.14	0.58	mg/Kg
Q1903-02	COMP-5	SOIL	Thallium	0.68	J	0.27	2.30	mg/Kg
Q1903-02	COMP-5	SOIL	Vanadium	24.0		0.29	2.30	mg/Kg
Q1903-02	COMP-5	SOIL	Zinc	26.2		0.27	2.30	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1903 **Order ID:** Q1903

Client: Kleinfelder **Project ID:** Mitchell School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-6								
Q1903-03	COMP-6	SOIL	Aluminum	10100		0.86	5.09	mg/Kg
Q1903-03	COMP-6	SOIL	Arsenic	4.50		0.19	1.02	mg/Kg
Q1903-03	COMP-6	SOIL	Barium	38.3		0.74	5.09	mg/Kg
Q1903-03	COMP-6	SOIL	Beryllium	0.60		0.025	0.31	mg/Kg
Q1903-03	COMP-6	SOIL	Boron	3.25	J	0.82	5.09	mg/Kg
Q1903-03	COMP-6	SOIL	Chromium	21.9		0.048	0.51	mg/Kg
Q1903-03	COMP-6	SOIL	Cobalt	9.39		0.10	1.53	mg/Kg
Q1903-03	COMP-6	SOIL	Copper	13.6		0.22	1.02	mg/Kg
Q1903-03	COMP-6	SOIL	Iron	20500		4.06	5.09	mg/Kg
Q1903-03	COMP-6	SOIL	Lead	11.2		0.13	0.61	mg/Kg
Q1903-03	COMP-6	SOIL	Manganese	120		0.14	1.02	mg/Kg
Q1903-03	COMP-6	SOIL	Mercury	0.037		0.0090	0.016	mg/Kg
Q1903-03	COMP-6	SOIL	Nickel	10.3		0.13	2.04	mg/Kg
Q1903-03	COMP-6	SOIL	Selenium	0.37	J	0.27	1.02	mg/Kg
Q1903-03	COMP-6	SOIL	Silver	0.25	J	0.12	0.51	mg/Kg
Q1903-03	COMP-6	SOIL	Thallium	0.70	J	0.23	2.04	mg/Kg
Q1903-03	COMP-6	SOIL	Vanadium	30.1		0.26	2.04	mg/Kg
Q1903-03	COMP-6	SOIL	Zinc	24.1		0.23	2.04	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-4	SDG No.:	Q1903
Lab Sample ID:	Q1903-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7170	*	1	0.86	5.11	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.55	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-38-2	Arsenic	3.07		1	0.19	1.02	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-39-3	Barium	33.0		1	0.75	5.11	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-41-7	Beryllium	0.36	*	1	0.026	0.31	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-42-8	Boron	5.91	N	1	0.82	5.11	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-43-9	Cadmium	0.025	U	1	0.025	0.31	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-47-3	Chromium	17.4		1	0.048	0.51	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-48-4	Cobalt	3.63		1	0.10	1.53	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-50-8	Copper	5.67	*	1	0.23	1.02	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7439-89-6	Iron	11000		1	4.08	5.11	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7439-92-1	Lead	7.00	*	1	0.13	0.61	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7439-96-5	Manganese	54.7		1	0.14	1.02	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7439-97-6	Mercury	0.018		1	0.0090	0.016	mg/Kg	04/29/25 15:15	04/30/25 14:22	SW7471B	
7439-98-7	Molybdenum	0.83	U	1	0.83	10.2	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-02-0	Nickel	6.79		1	0.13	2.04	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7782-49-2	Selenium	0.53	J	1	0.27	1.02	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-22-4	Silver	0.27	J	1	0.12	0.51	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-28-0	Thallium	0.27	J	1	0.24	2.04	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-62-2	Vanadium	18.6		1	0.26	2.04	mg/Kg	04/29/25 10:50	04/30/25 22:10	SW6010	SW3050
7440-66-6	Zinc	16.7	*	1	0.24	2.04	mg/Kg	04/29/25 10:50	04/30/25 22:10	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:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-5	SDG No.:	Q1903
Lab Sample ID:	Q1903-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6520	*	1	0.97	5.76	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.88	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-38-2	Arsenic	5.31		1	0.22	1.15	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-39-3	Barium	38.1		1	0.84	5.76	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-41-7	Beryllium	0.57	*	1	0.029	0.35	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-42-8	Boron	8.59	N	1	0.92	5.76	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-43-9	Cadmium	0.028	U	1	0.028	0.35	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-47-3	Chromium	18.0		1	0.054	0.58	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-48-4	Cobalt	6.28		1	0.12	1.73	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-50-8	Copper	13.4	*	1	0.25	1.15	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7439-89-6	Iron	17500		1	4.60	5.76	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7439-92-1	Lead	22.2	*	1	0.15	0.69	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7439-96-5	Manganese	89.0		1	0.16	1.15	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7439-97-6	Mercury	0.020		1	0.010	0.018	mg/Kg	04/29/25 15:15	04/30/25 14:24	SW7471B	
7439-98-7	Molybdenum	0.93	U	1	0.93	11.5	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-02-0	Nickel	10.1		1	0.15	2.30	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7782-49-2	Selenium	0.82	J	1	0.30	1.15	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-22-4	Silver	0.35	J	1	0.14	0.58	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-28-0	Thallium	0.68	J	1	0.27	2.30	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-62-2	Vanadium	24.0		1	0.29	2.30	mg/Kg	04/29/25 10:50	04/30/25 22:15	SW6010	SW3050
7440-66-6	Zinc	26.2	*	1	0.27	2.30	mg/Kg	04/29/25 10:50	04/30/25 22:15	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:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-6	SDG No.:	Q1903
Lab Sample ID:	Q1903-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10100	*	1	0.86	5.09	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.55	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-38-2	Arsenic	4.50		1	0.19	1.02	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-39-3	Barium	38.3		1	0.74	5.09	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-41-7	Beryllium	0.60	*	1	0.025	0.31	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-42-8	Boron	3.25	JN	1	0.82	5.09	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.31	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-47-3	Chromium	21.9		1	0.048	0.51	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-48-4	Cobalt	9.39		1	0.10	1.53	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-50-8	Copper	13.6	*	1	0.22	1.02	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7439-89-6	Iron	20500		1	4.06	5.09	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7439-92-1	Lead	11.2	*	1	0.13	0.61	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7439-96-5	Manganese	120		1	0.14	1.02	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7439-97-6	Mercury	0.037		1	0.0090	0.016	mg/Kg	04/29/25 15:15	04/30/25 14:26	SW7471B	
7439-98-7	Molybdenum	0.83	U	1	0.83	10.2	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-02-0	Nickel	10.3		1	0.13	2.04	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7782-49-2	Selenium	0.37	J	1	0.27	1.02	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-22-4	Silver	0.25	J	1	0.12	0.51	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-28-0	Thallium	0.70	J	1	0.23	2.04	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-62-2	Vanadium	30.1		1	0.26	2.04	mg/Kg	04/29/25 10:50	04/30/25 22:19	SW6010	SW3050
7440-66-6	Zinc	24.1	*	1	0.23	2.04	mg/Kg	04/29/25 10:50	04/30/25 22:19	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

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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
ICV109	Mercury	4.20	4.0	105	90 - 110	CV	04/30/2025	13:35	LB135611

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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
CCV52	Mercury	5.02	5.0	100	90 - 110	CV	04/30/2025	13:40	LB135611
CCV53	Mercury	4.99	5.0	100	90 - 110	CV	04/30/2025	14:10	LB135611
CCV54	Mercury	5.02	5.0	100	90 - 110	CV	04/30/2025	14:38	LB135611
CCV55	Mercury	5.06	5.0	101	90 - 110	CV	04/30/2025	14:56	LB135611

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	2320	2500	93	90 - 110	P	04/30/2025	16:18	LB135614
	Antimony	973	1000	97	90 - 110	P	04/30/2025	16:18	LB135614
	Arsenic	986	1000	99	90 - 110	P	04/30/2025	16:18	LB135614
	Barium	537	520	103	90 - 110	P	04/30/2025	16:18	LB135614
	Beryllium	473	510	93	90 - 110	P	04/30/2025	16:18	LB135614
	Boron	2570	2500	103	90 - 110	P	04/30/2025	16:18	LB135614
	Cadmium	500	510	98	90 - 110	P	04/30/2025	16:18	LB135614
	Chromium	510	520	98	90 - 110	P	04/30/2025	16:18	LB135614
	Cobalt	487	520	94	90 - 110	P	04/30/2025	16:18	LB135614
	Copper	495	510	97	90 - 110	P	04/30/2025	16:18	LB135614
	Iron	9190	10000	92	90 - 110	P	04/30/2025	16:18	LB135614
	Lead	987	1000	99	90 - 110	P	04/30/2025	16:18	LB135614
	Manganese	468	520	90	90 - 110	P	04/30/2025	16:18	LB135614
	Molybdenum	2500	2500	100	90 - 110	P	04/30/2025	16:18	LB135614
	Nickel	526	530	99	90 - 110	P	04/30/2025	16:18	LB135614
	Selenium	1010	1000	101	90 - 110	P	04/30/2025	16:18	LB135614
	Silver	262	250	105	90 - 110	P	04/30/2025	16:18	LB135614
	Thallium	1080	1000	108	90 - 110	P	04/30/2025	16:18	LB135614
	Vanadium	455	500	91	90 - 110	P	04/30/2025	16:18	LB135614
	Zinc	969	1000	97	90 - 110	P	04/30/2025	16:18	LB135614

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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	95.4	100	95	80 - 120	P	04/30/2025	16:28	LB135614
	Antimony	55.5	50.0	111	80 - 120	P	04/30/2025	16:28	LB135614
	Arsenic	22.6	20.0	113	80 - 120	P	04/30/2025	16:28	LB135614
	Barium	93.5	100	94	80 - 120	P	04/30/2025	16:28	LB135614
	Beryllium	6.43	6.0	107	80 - 120	P	04/30/2025	16:28	LB135614
	Boron	105	100	105	80 - 120	P	04/30/2025	16:28	LB135614
	Cadmium	6.58	6.0	110	80 - 120	P	04/30/2025	16:28	LB135614
	Chromium	9.76	10.0	98	80 - 120	P	04/30/2025	16:28	LB135614
	Cobalt	30.9	30.0	103	80 - 120	P	04/30/2025	16:28	LB135614
	Copper	23.3	20.0	116	80 - 120	P	04/30/2025	16:28	LB135614
	Iron	92.8	100	93	80 - 120	P	04/30/2025	16:28	LB135614
	Lead	12.4	12.0	103	80 - 120	P	04/30/2025	16:28	LB135614
	Manganese	21.3	20.0	106	80 - 120	P	04/30/2025	16:28	LB135614
	Molybdenum	220	200	110	80 - 120	P	04/30/2025	16:28	LB135614
	Nickel	41.8	40.0	104	80 - 120	P	04/30/2025	16:28	LB135614
	Selenium	16.3	20.0	82	80 - 120	P	04/30/2025	16:28	LB135614
	Silver	10.7	10.0	107	80 - 120	P	04/30/2025	16:28	LB135614
	Thallium	45.6	40.0	114	80 - 120	P	04/30/2025	16:28	LB135614
	Vanadium	40.2	40.0	100	80 - 120	P	04/30/2025	16:28	LB135614
	Zinc	42.5	40.0	106	80 - 120	P	04/30/2025	16:28	LB135614

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	9840	10000	98	90 - 110	P	04/30/2025	17:27	LB135614
	Antimony	4970	5000	100	90 - 110	P	04/30/2025	17:27	LB135614
	Arsenic	5000	5000	100	90 - 110	P	04/30/2025	17:27	LB135614
	Barium	9810	10000	98	90 - 110	P	04/30/2025	17:27	LB135614
	Beryllium	239	250	96	90 - 110	P	04/30/2025	17:27	LB135614
	Boron	4700	5000	94	90 - 110	P	04/30/2025	17:27	LB135614
	Cadmium	2530	2500	101	90 - 110	P	04/30/2025	17:27	LB135614
	Chromium	1020	1000	102	90 - 110	P	04/30/2025	17:27	LB135614
	Cobalt	2510	2500	100	90 - 110	P	04/30/2025	17:27	LB135614
	Copper	1250	1250	100	90 - 110	P	04/30/2025	17:27	LB135614
	Iron	5130	5000	103	90 - 110	P	04/30/2025	17:27	LB135614
	Lead	5060	5000	101	90 - 110	P	04/30/2025	17:27	LB135614
	Manganese	2430	2500	97	90 - 110	P	04/30/2025	17:27	LB135614
	Molybdenum	5050	5000	101	90 - 110	P	04/30/2025	17:27	LB135614
	Nickel	2520	2500	101	90 - 110	P	04/30/2025	17:27	LB135614
	Selenium	5010	5000	100	90 - 110	P	04/30/2025	17:27	LB135614
	Silver	1250	1250	100	90 - 110	P	04/30/2025	17:27	LB135614
	Thallium	5240	5000	105	90 - 110	P	04/30/2025	17:27	LB135614
	Vanadium	2450	2500	98	90 - 110	P	04/30/2025	17:27	LB135614
	Zinc	2510	2500	100	90 - 110	P	04/30/2025	17:27	LB135614
CCV02	Aluminum	10000	10000	100	90 - 110	P	04/30/2025	18:30	LB135614
	Antimony	4770	5000	95	90 - 110	P	04/30/2025	18:30	LB135614
	Arsenic	4820	5000	96	90 - 110	P	04/30/2025	18:30	LB135614
	Barium	9940	10000	99	90 - 110	P	04/30/2025	18:30	LB135614
	Beryllium	261	250	104	90 - 110	P	04/30/2025	18:30	LB135614
	Boron	5070	5000	102	90 - 110	P	04/30/2025	18:30	LB135614
	Cadmium	2560	2500	102	90 - 110	P	04/30/2025	18:30	LB135614
	Chromium	1040	1000	104	90 - 110	P	04/30/2025	18:30	LB135614
	Cobalt	2510	2500	101	90 - 110	P	04/30/2025	18:30	LB135614
	Copper	1220	1250	97	90 - 110	P	04/30/2025	18:30	LB135614
	Iron	5020	5000	100	90 - 110	P	04/30/2025	18:30	LB135614
	Lead	5080	5000	102	90 - 110	P	04/30/2025	18:30	LB135614
	Manganese	2520	2500	101	90 - 110	P	04/30/2025	18:30	LB135614
	Molybdenum	5000	5000	100	90 - 110	P	04/30/2025	18:30	LB135614

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	2520	2500	101	90 - 110	P	04/30/2025	18:30	LB135614
	Selenium	4770	5000	95	90 - 110	P	04/30/2025	18:30	LB135614
	Silver	1250	1250	100	90 - 110	P	04/30/2025	18:30	LB135614
	Thallium	5180	5000	104	90 - 110	P	04/30/2025	18:30	LB135614
	Vanadium	2540	2500	102	90 - 110	P	04/30/2025	18:30	LB135614
	Zinc	2490	2500	100	90 - 110	P	04/30/2025	18:30	LB135614
CCV03	Aluminum	10100	10000	101	90 - 110	P	04/30/2025	19:37	LB135614
	Antimony	5030	5000	100	90 - 110	P	04/30/2025	19:37	LB135614
	Arsenic	5060	5000	101	90 - 110	P	04/30/2025	19:37	LB135614
	Barium	9770	10000	98	90 - 110	P	04/30/2025	19:37	LB135614
	Beryllium	264	250	106	90 - 110	P	04/30/2025	19:37	LB135614
	Boron	5210	5000	104	90 - 110	P	04/30/2025	19:37	LB135614
	Cadmium	2570	2500	103	90 - 110	P	04/30/2025	19:37	LB135614
	Chromium	1040	1000	104	90 - 110	P	04/30/2025	19:37	LB135614
	Cobalt	2540	2500	102	90 - 110	P	04/30/2025	19:37	LB135614
	Copper	1260	1250	101	90 - 110	P	04/30/2025	19:37	LB135614
	Iron	5170	5000	103	90 - 110	P	04/30/2025	19:37	LB135614
	Lead	5110	5000	102	90 - 110	P	04/30/2025	19:37	LB135614
	Manganese	2480	2500	99	90 - 110	P	04/30/2025	19:37	LB135614
	Molybdenum	5100	5000	102	90 - 110	P	04/30/2025	19:37	LB135614
	Nickel	2550	2500	102	90 - 110	P	04/30/2025	19:37	LB135614
	Selenium	5080	5000	102	90 - 110	P	04/30/2025	19:37	LB135614
	Silver	1270	1250	102	90 - 110	P	04/30/2025	19:37	LB135614
	Thallium	5240	5000	105	90 - 110	P	04/30/2025	19:37	LB135614
	Vanadium	2510	2500	100	90 - 110	P	04/30/2025	19:37	LB135614
	Zinc	2540	2500	102	90 - 110	P	04/30/2025	19:37	LB135614
CCV04	Aluminum	9940	10000	99	90 - 110	P	04/30/2025	20:23	LB135614
	Antimony	4980	5000	100	90 - 110	P	04/30/2025	20:23	LB135614
	Arsenic	5000	5000	100	90 - 110	P	04/30/2025	20:23	LB135614
	Barium	9720	10000	97	90 - 110	P	04/30/2025	20:23	LB135614
	Beryllium	251	250	100	90 - 110	P	04/30/2025	20:23	LB135614
	Boron	4890	5000	98	90 - 110	P	04/30/2025	20:23	LB135614
	Cadmium	2550	2500	102	90 - 110	P	04/30/2025	20:23	LB135614
	Chromium	1050	1000	105	90 - 110	P	04/30/2025	20:23	LB135614

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	2520	2500	101	90 - 110	P	04/30/2025	20:23	LB135614
	Copper	1250	1250	100	90 - 110	P	04/30/2025	20:23	LB135614
	Iron	5490	5000	110	90 - 110	P	04/30/2025	20:23	LB135614
	Lead	5100	5000	102	90 - 110	P	04/30/2025	20:23	LB135614
	Manganese	2430	2500	97	90 - 110	P	04/30/2025	20:23	LB135614
	Molybdenum	5060	5000	101	90 - 110	P	04/30/2025	20:23	LB135614
	Nickel	2530	2500	101	90 - 110	P	04/30/2025	20:23	LB135614
	Selenium	4970	5000	100	90 - 110	P	04/30/2025	20:23	LB135614
	Silver	1270	1250	101	90 - 110	P	04/30/2025	20:23	LB135614
	Thallium	5140	5000	103	90 - 110	P	04/30/2025	20:23	LB135614
	Vanadium	2480	2500	99	90 - 110	P	04/30/2025	20:23	LB135614
	Zinc	2520	2500	101	90 - 110	P	04/30/2025	20:23	LB135614
CCV05	Aluminum	9810	10000	98	90 - 110	P	04/30/2025	21:08	LB135614
	Antimony	4960	5000	99	90 - 110	P	04/30/2025	21:08	LB135614
	Arsenic	4970	5000	99	90 - 110	P	04/30/2025	21:08	LB135614
	Barium	9680	10000	97	90 - 110	P	04/30/2025	21:08	LB135614
	Beryllium	252	250	101	90 - 110	P	04/30/2025	21:08	LB135614
	Boron	4890	5000	98	90 - 110	P	04/30/2025	21:08	LB135614
	Cadmium	2530	2500	101	90 - 110	P	04/30/2025	21:08	LB135614
	Chromium	1050	1000	105	90 - 110	P	04/30/2025	21:08	LB135614
	Cobalt	2510	2500	100	90 - 110	P	04/30/2025	21:08	LB135614
	Copper	1240	1250	99	90 - 110	P	04/30/2025	21:08	LB135614
	Iron	5060	5000	101	90 - 110	P	04/30/2025	21:08	LB135614
	Lead	5070	5000	101	90 - 110	P	04/30/2025	21:08	LB135614
	Manganese	2440	2500	98	90 - 110	P	04/30/2025	21:08	LB135614
	Molybdenum	5040	5000	101	90 - 110	P	04/30/2025	21:08	LB135614
	Nickel	2510	2500	100	90 - 110	P	04/30/2025	21:08	LB135614
	Selenium	4940	5000	99	90 - 110	P	04/30/2025	21:08	LB135614
	Silver	1260	1250	100	90 - 110	P	04/30/2025	21:08	LB135614
	Thallium	5160	5000	103	90 - 110	P	04/30/2025	21:08	LB135614
	Vanadium	2480	2500	99	90 - 110	P	04/30/2025	21:08	LB135614
	Zinc	2500	2500	100	90 - 110	P	04/30/2025	21:08	LB135614
CCV06	Aluminum	9680	10000	97	90 - 110	P	04/30/2025	21:54	LB135614
	Antimony	5010	5000	100	90 - 110	P	04/30/2025	21:54	LB135614

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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
CCV06	Arsenic	5030	5000	100	90 - 110	P	04/30/2025	21:54	LB135614
	Barium	9680	10000	97	90 - 110	P	04/30/2025	21:54	LB135614
	Beryllium	238	250	95	90 - 110	P	04/30/2025	21:54	LB135614
	Boron	4700	5000	94	90 - 110	P	04/30/2025	21:54	LB135614
	Cadmium	2500	2500	100	90 - 110	P	04/30/2025	21:54	LB135614
	Chromium	1010	1000	101	90 - 110	P	04/30/2025	21:54	LB135614
	Cobalt	2490	2500	99	90 - 110	P	04/30/2025	21:54	LB135614
	Copper	1250	1250	100	90 - 110	P	04/30/2025	21:54	LB135614
	Iron	5070	5000	101	90 - 110	P	04/30/2025	21:54	LB135614
	Lead	5010	5000	100	90 - 110	P	04/30/2025	21:54	LB135614
	Manganese	2400	2500	96	90 - 110	P	04/30/2025	21:54	LB135614
	Molybdenum	5000	5000	100	90 - 110	P	04/30/2025	21:54	LB135614
	Nickel	2490	2500	100	90 - 110	P	04/30/2025	21:54	LB135614
	Selenium	5060	5000	101	90 - 110	P	04/30/2025	21:54	LB135614
	Silver	1230	1250	98	90 - 110	P	04/30/2025	21:54	LB135614
	Thallium	5110	5000	102	90 - 110	P	04/30/2025	21:54	LB135614
	Vanadium	2430	2500	97	90 - 110	P	04/30/2025	21:54	LB135614
	Zinc	2450	2500	98	90 - 110	P	04/30/2025	21:54	LB135614
CCV07	Aluminum	9820	10000	98	90 - 110	P	04/30/2025	22:40	LB135614
	Antimony	5220	5000	104	90 - 110	P	04/30/2025	22:40	LB135614
	Arsenic	5170	5000	103	90 - 110	P	04/30/2025	22:40	LB135614
	Barium	9890	10000	99	90 - 110	P	04/30/2025	22:40	LB135614
	Beryllium	238	250	95	90 - 110	P	04/30/2025	22:40	LB135614
	Boron	4770	5000	95	90 - 110	P	04/30/2025	22:40	LB135614
	Cadmium	2440	2500	98	90 - 110	P	04/30/2025	22:40	LB135614
	Chromium	995	1000	100	90 - 110	P	04/30/2025	22:40	LB135614
	Cobalt	2450	2500	98	90 - 110	P	04/30/2025	22:40	LB135614
	Copper	1290	1250	103	90 - 110	P	04/30/2025	22:40	LB135614
	Iron	5110	5000	102	90 - 110	P	04/30/2025	22:40	LB135614
	Lead	4900	5000	98	90 - 110	P	04/30/2025	22:40	LB135614
	Manganese	2400	2500	96	90 - 110	P	04/30/2025	22:40	LB135614
	Molybdenum	5090	5000	102	90 - 110	P	04/30/2025	22:40	LB135614
	Nickel	2460	2500	98	90 - 110	P	04/30/2025	22:40	LB135614
	Selenium	5260	5000	105	90 - 110	P	04/30/2025	22:40	LB135614

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- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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
CCV07	Silver	1240	1250	99	90 - 110	P	04/30/2025	22:40	LB135614
	Thallium	5030	5000	101	90 - 110	P	04/30/2025	22:40	LB135614
	Vanadium	2440	2500	98	90 - 110	P	04/30/2025	22:40	LB135614
	Zinc	2510	2500	100	90 - 110	P	04/30/2025	22:40	LB135614
CCV08	Aluminum	9980	10000	100	90 - 110	P	04/30/2025	23:05	LB135614
	Antimony	5150	5000	103	90 - 110	P	04/30/2025	23:05	LB135614
	Arsenic	5120	5000	102	90 - 110	P	04/30/2025	23:05	LB135614
	Barium	9730	10000	97	90 - 110	P	04/30/2025	23:05	LB135614
	Beryllium	246	250	98	90 - 110	P	04/30/2025	23:05	LB135614
	Boron	4920	5000	98	90 - 110	P	04/30/2025	23:05	LB135614
	Cadmium	2440	2500	98	90 - 110	P	04/30/2025	23:05	LB135614
	Chromium	989	1000	99	90 - 110	P	04/30/2025	23:05	LB135614
	Cobalt	2440	2500	98	90 - 110	P	04/30/2025	23:05	LB135614
	Copper	1280	1250	103	90 - 110	P	04/30/2025	23:05	LB135614
	Iron	5100	5000	102	90 - 110	P	04/30/2025	23:05	LB135614
	Lead	4880	5000	98	90 - 110	P	04/30/2025	23:05	LB135614
	Manganese	2380	2500	95	90 - 110	P	04/30/2025	23:05	LB135614
	Molybdenum	5060	5000	101	90 - 110	P	04/30/2025	23:05	LB135614
	Nickel	2450	2500	98	90 - 110	P	04/30/2025	23:05	LB135614
	Selenium	5200	5000	104	90 - 110	P	04/30/2025	23:05	LB135614
	Silver	1240	1250	100	90 - 110	P	04/30/2025	23:05	LB135614
	Thallium	5020	5000	100	90 - 110	P	04/30/2025	23:05	LB135614
	Vanadium	2420	2500	97	90 - 110	P	04/30/2025	23:05	LB135614
	Zinc	2510	2500	100	90 - 110	P	04/30/2025	23:05	LB135614

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	05/06/2025	14:47	LB135689
	Antimony	972	1000	97	90 - 110	P	05/06/2025	14:47	LB135689
	Arsenic	976	1000	98	90 - 110	P	05/06/2025	14:47	LB135689
	Barium	531	520	102	90 - 110	P	05/06/2025	14:47	LB135689
	Beryllium	552	510	108	90 - 110	P	05/06/2025	14:47	LB135689
	Boron	2410	2500	96	90 - 110	P	05/06/2025	14:47	LB135689
	Cadmium	498	510	98	90 - 110	P	05/06/2025	14:47	LB135689
	Chromium	498	520	96	90 - 110	P	05/06/2025	14:47	LB135689
	Cobalt	487	520	94	90 - 110	P	05/06/2025	14:47	LB135689
	Copper	500	510	98	90 - 110	P	05/06/2025	14:47	LB135689
	Iron	10500	10000	105	90 - 110	P	05/06/2025	14:47	LB135689
	Lead	975	1000	98	90 - 110	P	05/06/2025	14:47	LB135689
	Manganese	493	520	95	90 - 110	P	05/06/2025	14:47	LB135689
	Molybdenum	2440	2500	98	90 - 110	P	05/06/2025	14:47	LB135689
	Nickel	492	530	93	90 - 110	P	05/06/2025	14:47	LB135689
	Selenium	1000	1000	100	90 - 110	P	05/06/2025	14:47	LB135689
	Silver	232	250	93	90 - 110	P	05/06/2025	14:47	LB135689
	Thallium	1000	1000	100	90 - 110	P	05/06/2025	14:47	LB135689
	Vanadium	478	500	96	90 - 110	P	05/06/2025	14:47	LB135689
	Zinc	975	1000	98	90 - 110	P	05/06/2025	14:47	LB135689

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	105	100	105	80 - 120	P	05/06/2025	15:22	LB135689
	Antimony	50.3	50.0	101	80 - 120	P	05/06/2025	15:22	LB135689
	Arsenic	18.2	20.0	91	80 - 120	P	05/06/2025	15:22	LB135689
	Barium	91.5	100	92	80 - 120	P	05/06/2025	15:22	LB135689
	Beryllium	5.90	6.0	98	80 - 120	P	05/06/2025	15:22	LB135689
	Boron	99.9	100	100	80 - 120	P	05/06/2025	15:22	LB135689
	Cadmium	5.98	6.0	100	80 - 120	P	05/06/2025	15:22	LB135689
	Chromium	9.31	10.0	93	80 - 120	P	05/06/2025	15:22	LB135689
	Cobalt	28.6	30.0	95	80 - 120	P	05/06/2025	15:22	LB135689
	Copper	21.1	20.0	106	80 - 120	P	05/06/2025	15:22	LB135689
	Iron	98.2	100	98	80 - 120	P	05/06/2025	15:22	LB135689
	Lead	11.1	12.0	92	80 - 120	P	05/06/2025	15:22	LB135689
	Manganese	19.6	20.0	98	80 - 120	P	05/06/2025	15:22	LB135689
	Molybdenum	202	200	101	80 - 120	P	05/06/2025	15:22	LB135689
	Nickel	38.9	40.0	97	80 - 120	P	05/06/2025	15:22	LB135689
	Selenium	19.1	20.0	95	80 - 120	P	05/06/2025	15:22	LB135689
	Silver	9.80	10.0	98	80 - 120	P	05/06/2025	15:22	LB135689
	Thallium	39.9	40.0	100	80 - 120	P	05/06/2025	15:22	LB135689
	Vanadium	38.0	40.0	95	80 - 120	P	05/06/2025	15:22	LB135689
	Zinc	40.4	40.0	101	80 - 120	P	05/06/2025	15:22	LB135689

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	9630	10000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Antimony	4790	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Arsenic	4780	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Barium	9340	10000	93	90 - 110	P	05/06/2025	16:29	LB135689
	Beryllium	249	250	100	90 - 110	P	05/06/2025	16:29	LB135689
	Boron	4980	5000	100	90 - 110	P	05/06/2025	16:29	LB135689
	Cadmium	2390	2500	95	90 - 110	P	05/06/2025	16:29	LB135689
	Chromium	998	1000	100	90 - 110	P	05/06/2025	16:29	LB135689
	Cobalt	2390	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Copper	1210	1250	97	90 - 110	P	05/06/2025	16:29	LB135689
	Iron	5040	5000	101	90 - 110	P	05/06/2025	16:29	LB135689
	Lead	5030	5000	101	90 - 110	P	05/06/2025	16:29	LB135689
	Manganese	2400	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Molybdenum	4800	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Nickel	2400	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Selenium	4800	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Silver	1240	1250	99	90 - 110	P	05/06/2025	16:29	LB135689
	Thallium	4670	5000	94	90 - 110	P	05/06/2025	16:29	LB135689
	Vanadium	2400	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Zinc	2470	2500	99	90 - 110	P	05/06/2025	16:29	LB135689
CCV02	Aluminum	9480	10000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Antimony	4750	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Arsenic	4730	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Barium	9710	10000	97	90 - 110	P	05/06/2025	17:15	LB135689
	Beryllium	237	250	95	90 - 110	P	05/06/2025	17:15	LB135689
	Boron	4750	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Cadmium	2390	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Chromium	962	1000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Cobalt	2390	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Copper	1200	1250	96	90 - 110	P	05/06/2025	17:15	LB135689
	Iron	5000	5000	100	90 - 110	P	05/06/2025	17:15	LB135689
	Lead	4890	5000	98	90 - 110	P	05/06/2025	17:15	LB135689
	Manganese	2410	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Molybdenum	4810	5000	96	90 - 110	P	05/06/2025	17:15	LB135689

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	2390	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Selenium	4750	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Silver	1200	1250	96	90 - 110	P	05/06/2025	17:15	LB135689
	Thallium	4770	5000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Vanadium	2390	2500	95	90 - 110	P	05/06/2025	17:15	LB135689
	Zinc	2410	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
CCV03	Aluminum	9460	10000	95	90 - 110	P	05/06/2025	18:08	LB135689
	Antimony	4590	5000	92	90 - 110	P	05/06/2025	18:08	LB135689
	Arsenic	4570	5000	92	90 - 110	P	05/06/2025	18:08	LB135689
	Barium	9450	10000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Beryllium	240	250	96	90 - 110	P	05/06/2025	18:08	LB135689
	Boron	4780	5000	96	90 - 110	P	05/06/2025	18:08	LB135689
	Cadmium	2340	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Chromium	954	1000	95	90 - 110	P	05/06/2025	18:08	LB135689
	Cobalt	2340	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Copper	1170	1250	94	90 - 110	P	05/06/2025	18:08	LB135689
	Iron	4700	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Lead	4690	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Manganese	2390	2500	95	90 - 110	P	05/06/2025	18:08	LB135689
	Molybdenum	4720	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Nickel	2340	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Selenium	4550	5000	91	90 - 110	P	05/06/2025	18:08	LB135689
	Silver	1180	1250	94	90 - 110	P	05/06/2025	18:08	LB135689
	Thallium	4710	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Vanadium	2360	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Zinc	2370	2500	95	90 - 110	P	05/06/2025	18:08	LB135689
CCV04	Aluminum	9960	10000	100	90 - 110	P	05/06/2025	19:16	LB135689
	Antimony	4840	5000	97	90 - 110	P	05/06/2025	19:16	LB135689
	Arsenic	4840	5000	97	90 - 110	P	05/06/2025	19:16	LB135689
	Barium	9930	10000	99	90 - 110	P	05/06/2025	19:16	LB135689
	Beryllium	264	250	106	90 - 110	P	05/06/2025	19:16	LB135689
	Boron	5310	5000	106	90 - 110	P	05/06/2025	19:16	LB135689
	Cadmium	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Chromium	988	1000	99	90 - 110	P	05/06/2025	19:16	LB135689

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	05/06/2025	19:16	LB135689
	Copper	1240	1250	99	90 - 110	P	05/06/2025	19:16	LB135689
	Iron	4820	5000	96	90 - 110	P	05/06/2025	19:16	LB135689
	Lead	4970	5000	99	90 - 110	P	05/06/2025	19:16	LB135689
	Manganese	2530	2500	101	90 - 110	P	05/06/2025	19:16	LB135689
	Molybdenum	4920	5000	98	90 - 110	P	05/06/2025	19:16	LB135689
	Nickel	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Selenium	4820	5000	96	90 - 110	P	05/06/2025	19:16	LB135689
	Silver	1240	1250	99	90 - 110	P	05/06/2025	19:16	LB135689
	Thallium	4760	5000	95	90 - 110	P	05/06/2025	19:16	LB135689
	Vanadium	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Zinc	2490	2500	100	90 - 110	P	05/06/2025	19:16	LB135689
CCV05	Aluminum	10000	10000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Antimony	4800	5000	96	90 - 110	P	05/06/2025	20:01	LB135689
	Arsenic	4780	5000	96	90 - 110	P	05/06/2025	20:01	LB135689
	Barium	9940	10000	99	90 - 110	P	05/06/2025	20:01	LB135689
	Beryllium	260	250	104	90 - 110	P	05/06/2025	20:01	LB135689
	Boron	5210	5000	104	90 - 110	P	05/06/2025	20:01	LB135689
	Cadmium	2460	2500	99	90 - 110	P	05/06/2025	20:01	LB135689
	Chromium	995	1000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Cobalt	2450	2500	98	90 - 110	P	05/06/2025	20:01	LB135689
	Copper	1230	1250	98	90 - 110	P	05/06/2025	20:01	LB135689
	Iron	4860	5000	97	90 - 110	P	05/06/2025	20:01	LB135689
	Lead	4900	5000	98	90 - 110	P	05/06/2025	20:01	LB135689
	Manganese	2520	2500	101	90 - 110	P	05/06/2025	20:01	LB135689
	Molybdenum	4940	5000	99	90 - 110	P	05/06/2025	20:01	LB135689
	Nickel	2450	2500	98	90 - 110	P	05/06/2025	20:01	LB135689
	Selenium	4730	5000	95	90 - 110	P	05/06/2025	20:01	LB135689
	Silver	1230	1250	99	90 - 110	P	05/06/2025	20:01	LB135689
	Thallium	4800	5000	96	90 - 110	P	05/06/2025	20:01	LB135689
	Vanadium	2470	2500	99	90 - 110	P	05/06/2025	20:01	LB135689
	Zinc	2480	2500	99	90 - 110	P	05/06/2025	20:01	LB135689
CCV06	Aluminum	9830	10000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Antimony	4880	5000	98	90 - 110	P	05/06/2025	20:31	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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
CCV06	Arsenic	4840	5000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Barium	9850	10000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Beryllium	241	250	96	90 - 110	P	05/06/2025	20:31	LB135689
	Boron	4830	5000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Cadmium	2440	2500	98	90 - 110	P	05/06/2025	20:31	LB135689
	Chromium	975	1000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Cobalt	2430	2500	97	90 - 110	P	05/06/2025	20:31	LB135689
	Copper	1240	1250	99	90 - 110	P	05/06/2025	20:31	LB135689
	Iron	4920	5000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Lead	4870	5000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Manganese	2440	2500	98	90 - 110	P	05/06/2025	20:31	LB135689
	Molybdenum	4950	5000	99	90 - 110	P	05/06/2025	20:31	LB135689
	Nickel	2430	2500	97	90 - 110	P	05/06/2025	20:31	LB135689
	Selenium	4820	5000	96	90 - 110	P	05/06/2025	20:31	LB135689
	Silver	1210	1250	97	90 - 110	P	05/06/2025	20:31	LB135689
	Thallium	4750	5000	95	90 - 110	P	05/06/2025	20:31	LB135689
	Vanadium	2430	2500	97	90 - 110	P	05/06/2025	20:31	LB135689
	Zinc	2440	2500	98	90 - 110	P	05/06/2025	20:31	LB135689

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CRDL STANDARD FOR AA & ICP

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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
CRA	Mercury	0.21	0.2	106	40 - 160	CV	04/30/2025	13:45	LB135611
CRI01	Aluminum	97.5	100	98	40 - 160	P	04/30/2025	16:41	LB135614
	Antimony	54.6	50.0	109	40 - 160	P	04/30/2025	16:41	LB135614
	Arsenic	21.9	20.0	109	40 - 160	P	04/30/2025	16:41	LB135614
	Barium	90.6	100	91	40 - 160	P	04/30/2025	16:41	LB135614
	Beryllium	6.30	6.0	105	40 - 160	P	04/30/2025	16:41	LB135614
	Boron	102	100	102	40 - 160	P	04/30/2025	16:41	LB135614
	Cadmium	6.34	6.0	106	40 - 160	P	04/30/2025	16:41	LB135614
	Chromium	9.88	10.0	99	40 - 160	P	04/30/2025	16:41	LB135614
	Cobalt	30.3	30.0	101	40 - 160	P	04/30/2025	16:41	LB135614
	Copper	23.2	20.0	116	40 - 160	P	04/30/2025	16:41	LB135614
	Iron	90.9	100	91	40 - 160	P	04/30/2025	16:41	LB135614
	Lead	13.5	12.0	112	40 - 160	P	04/30/2025	16:41	LB135614
	Manganese	21.0	20.0	105	40 - 160	P	04/30/2025	16:41	LB135614
	Molybdenum	220	200	110	40 - 160	P	04/30/2025	16:41	LB135614
	Nickel	41.3	40.0	103	40 - 160	P	04/30/2025	16:41	LB135614
	Selenium	16.5	20.0	82	40 - 160	P	04/30/2025	16:41	LB135614
	Silver	10.8	10.0	108	40 - 160	P	04/30/2025	16:41	LB135614
	Thallium	44.9	40.0	112	40 - 160	P	04/30/2025	16:41	LB135614
	Vanadium	38.9	40.0	97	40 - 160	P	04/30/2025	16:41	LB135614
	Zinc	42.8	40.0	107	40 - 160	P	04/30/2025	16:41	LB135614
CRI01	Aluminum	102	100	102	40 - 160	P	05/06/2025	15:31	LB135689
	Antimony	50.4	50.0	101	40 - 160	P	05/06/2025	15:31	LB135689
	Arsenic	20.3	20.0	101	40 - 160	P	05/06/2025	15:31	LB135689
	Barium	89.4	100	89	40 - 160	P	05/06/2025	15:31	LB135689
	Beryllium	5.91	6.0	98	40 - 160	P	05/06/2025	15:31	LB135689
	Boron	99.5	100	100	40 - 160	P	05/06/2025	15:31	LB135689
	Cadmium	5.91	6.0	98	40 - 160	P	05/06/2025	15:31	LB135689
	Chromium	9.54	10.0	95	40 - 160	P	05/06/2025	15:31	LB135689
	Cobalt	28.3	30.0	94	40 - 160	P	05/06/2025	15:31	LB135689
	Copper	21.6	20.0	108	40 - 160	P	05/06/2025	15:31	LB135689
	Iron	95.6	100	96	40 - 160	P	05/06/2025	15:31	LB135689
	Lead	10.0	12.0	83	40 - 160	P	05/06/2025	15:31	LB135689
	Manganese	19.8	20.0	99	40 - 160	P	05/06/2025	15:31	LB135689
	Molybdenum	203	200	102	40 - 160	P	05/06/2025	15:31	LB135689

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	Nickel	38.6	40.0	97	40 - 160	P	05/06/2025	15:31	LB135689
	Selenium	22.5	20.0	112	40 - 160	P	05/06/2025	15:31	LB135689
	Silver	9.66	10.0	97	40 - 160	P	05/06/2025	15:31	LB135689
	Thallium	37.5	40.0	94	40 - 160	P	05/06/2025	15:31	LB135689
	Vanadium	39.4	40.0	98	40 - 160	P	05/06/2025	15:31	LB135689
	Zinc	39.7	40.0	99	40 - 160	P	05/06/2025	15:31	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB109	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	13:38	LB135611

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB52	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	13:42	LB135611
CCB53	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	14:13	LB135611
CCB54	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	14:40	LB135611
CCB55	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	14:58	LB135611

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	04/30/2025	16:36	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	16:36	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	16:36	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	16:36	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	16:36	LB135614
	Boron	100	+/-100	U	100	P	04/30/2025	16:36	LB135614
	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	16:36	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	16:36	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	16:36	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	16:36	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	16:36	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	16:36	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	16:36	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	16:36	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	16:36	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	16:36	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	16:36	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	16:36	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	16:36	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	16:36	LB135614

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	04/30/2025	17:38	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	17:38	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	17:38	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	17:38	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	17:38	LB135614
	Boron	100	+/-100	U	100	P	04/30/2025	17:38	LB135614
	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	17:38	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	17:38	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	17:38	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	17:38	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	17:38	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	17:38	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	17:38	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	17:38	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	17:38	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	17:38	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	17:38	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	17:38	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	17:38	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	17:38	LB135614
CCB02	Aluminum	100	+/-100	U	100	P	04/30/2025	18:35	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	18:35	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	18:35	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	18:35	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	18:35	LB135614
	Boron	100	+/-100	U	100	P	04/30/2025	18:35	LB135614
	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	18:35	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	18:35	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	18:35	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	18:35	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	18:35	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	18:35	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	18:35	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	18:35	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	18:35	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	18:35	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	18:35	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	18:35	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	18:35	LB135614

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	04/30/2025	18:35	LB135614
CCB03	Aluminum	100	+/-100	U	100	P	04/30/2025	19:41	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	19:41	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	19:41	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	19:41	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	19:41	LB135614
	Boron	100	+/-100	U	100	P	04/30/2025	19:41	LB135614
	Cadmium	1.42	+/-6.00	J	6.00	P	04/30/2025	19:41	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	19:41	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	19:41	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	19:41	LB135614
	Iron	35.4	+/-100	J	100	P	04/30/2025	19:41	LB135614
	Lead	3.92	+/-12.0	J	12.0	P	04/30/2025	19:41	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	19:41	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	19:41	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	19:41	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	19:41	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	19:41	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	19:41	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	19:41	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	19:41	LB135614
CCB04	Aluminum	100	+/-100	U	100	P	04/30/2025	20:27	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	20:27	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	20:27	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	20:27	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	20:27	LB135614
	Boron	100	+/-100	U	100	P	04/30/2025	20:27	LB135614
	Cadmium	0.57	+/-6.00	J	6.00	P	04/30/2025	20:27	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	20:27	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	20:27	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	20:27	LB135614
	Iron	23.9	+/-100	J	100	P	04/30/2025	20:27	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	20:27	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	20:27	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	20:27	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	20:27	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	20:27	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	20:27	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	20:27	LB135614

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	04/30/2025	20:27	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	20:27	LB135614
CCB05	Aluminum	100	+/-100	U	100	P	04/30/2025	21:13	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	21:13	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	21:13	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	21:13	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	21:13	LB135614
	Boron	100	+/-100	U	100	P	04/30/2025	21:13	LB135614
	Cadmium	0.94	+/-6.00	J	6.00	P	04/30/2025	21:13	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	21:13	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	21:13	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	21:13	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	21:13	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	21:13	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	21:13	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	21:13	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	21:13	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	21:13	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	21:13	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	21:13	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	21:13	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	21:13	LB135614
CCB06	Aluminum	19.2	+/-100	J	100	P	04/30/2025	21:58	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	21:58	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	21:58	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	21:58	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	21:58	LB135614
	Boron	100	+/-100	U	100	P	04/30/2025	21:58	LB135614
	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	21:58	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	21:58	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	21:58	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	21:58	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	21:58	LB135614
	Lead	2.39	+/-12.0	J	12.0	P	04/30/2025	21:58	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	21:58	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	21:58	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	21:58	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	21:58	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	21:58	LB135614

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	21:58	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	21:58	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	21:58	LB135614
CCB07	Aluminum	100	+/-100	U	100	P	04/30/2025	22:44	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	22:44	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	22:44	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	22:44	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	22:44	LB135614
	Boron	100	+/-100	U	100	P	04/30/2025	22:44	LB135614
	Cadmium	0.88	+/-6.00	J	6.00	P	04/30/2025	22:44	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	22:44	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	22:44	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	22:44	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	22:44	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	22:44	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	22:44	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	22:44	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	22:44	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	22:44	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	22:44	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	22:44	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	22:44	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	22:44	LB135614
CCB08	Aluminum	100	+/-100	U	100	P	04/30/2025	23:09	LB135614
	Antimony	50.0	+/-50.0	U	50.0	P	04/30/2025	23:09	LB135614
	Arsenic	20.0	+/-20.0	U	20.0	P	04/30/2025	23:09	LB135614
	Barium	100	+/-100	U	100	P	04/30/2025	23:09	LB135614
	Beryllium	6.00	+/-6.00	U	6.00	P	04/30/2025	23:09	LB135614
	Boron	100	+/-100	U	100	P	04/30/2025	23:09	LB135614
	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	23:09	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	23:09	LB135614
	Cobalt	30.0	+/-30.0	U	30.0	P	04/30/2025	23:09	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	23:09	LB135614
	Iron	100	+/-100	U	100	P	04/30/2025	23:09	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	23:09	LB135614
	Manganese	20.0	+/-20.0	U	20.0	P	04/30/2025	23:09	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	23:09	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	23:09	LB135614
	Selenium	20.0	+/-20.0	U	20.0	P	04/30/2025	23:09	LB135614

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	23:09	LB135614
	Thallium	40.0	+/-40.0	U	40.0	P	04/30/2025	23:09	LB135614
	Vanadium	40.0	+/-40.0	U	40.0	P	04/30/2025	23:09	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	23:09	LB135614

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	05/06/2025	15:27	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	15:27	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	15:27	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	15:27	LB135689
	Boron	100	+/-100	U	100	P	05/06/2025	15:27	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	15:27	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	15:27	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	15:27	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	15:27	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	15:27	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Molybdenum	200	+/-200	U	200	P	05/06/2025	15:27	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	15:27	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	12.8	+/-100	J	100	P	05/06/2025	16:34	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	16:34	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	16:34	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	16:34	LB135689
	Boron	100	+/-100	U	100	P	05/06/2025	16:34	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	16:34	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	16:34	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	16:34	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	16:34	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	16:34	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Molybdenum	200	+/-200	U	200	P	05/06/2025	16:34	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	16:34	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
CCB02	Aluminum	14.3	+/-100	J	100	P	05/06/2025	17:20	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	17:20	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	17:20	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	17:20	LB135689
	Boron	100	+/-100	U	100	P	05/06/2025	17:20	LB135689
	Cadmium	0.60	+/-6.00	J	6.00	P	05/06/2025	17:20	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	17:20	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	17:20	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	17:20	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	17:20	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Molybdenum	200	+/-200	U	200	P	05/06/2025	17:20	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	17:20	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	05/06/2025	17:20	LB135689
CCB03	Aluminum	15.8	+/-100	J	100	P	05/06/2025	18:13	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	18:13	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	18:13	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	18:13	LB135689
	Boron	100	+/-100	U	100	P	05/06/2025	18:13	LB135689
	Cadmium	0.59	+/-6.00	J	6.00	P	05/06/2025	18:13	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	18:13	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	18:13	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Iron	23.9	+/-100	J	100	P	05/06/2025	18:13	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	18:13	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Molybdenum	200	+/-200	U	200	P	05/06/2025	18:13	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	18:13	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
CCB04	Aluminum	16.7	+/-100	J	100	P	05/06/2025	19:20	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	19:20	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	19:20	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	19:20	LB135689
	Boron	100	+/-100	U	100	P	05/06/2025	19:20	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	19:20	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	19:20	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	19:20	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	19:20	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	19:20	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Molybdenum	200	+/-200	U	200	P	05/06/2025	19:20	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	19:20	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	05/06/2025	19:20	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
CCB05	Aluminum	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	20:06	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:06	LB135689
	Boron	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:06	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	20:06	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	20:06	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	20:06	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Molybdenum	200	+/-200	U	200	P	05/06/2025	20:06	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	20:06	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
CCB06	Aluminum	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	20:35	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:35	LB135689
	Boron	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:35	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	20:35	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	20:35	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	20:35	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Molybdenum	200	+/-200	U	200	P	05/06/2025	20:35	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	20:35	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167786BL		**SOLID**		**Batch Number:**	**PB167786**		**Prep Date:**	**04/29/2025**	
	Mercury	0.013	<0.013	U	0.013	CV	04/30/2025	13:51	LB135611

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167781BL		**SOLID**		**Batch Number:**	**PB167781**		**Prep Date:**	**04/29/2025**	
	Aluminum	4.81	<4.81	U	4.81	P	05/06/2025	18:25	LB135689
	Antimony	2.40	<2.40	U	2.40	P	05/06/2025	18:25	LB135689
	Arsenic	0.96	<0.96	U	0.96	P	05/06/2025	18:25	LB135689
	Barium	4.81	<4.81	U	4.81	P	05/06/2025	18:25	LB135689
	Beryllium	0.29	<0.29	U	0.29	P	05/06/2025	18:25	LB135689
	Boron	4.81	<4.81	U	4.81	P	05/06/2025	18:25	LB135689
	Cadmium	0.29	<0.29	U	0.29	P	05/06/2025	18:25	LB135689
	Chromium	0.48	<0.48	U	0.48	P	05/06/2025	18:25	LB135689
	Cobalt	1.44	<1.44	U	1.44	P	05/06/2025	18:25	LB135689
	Copper	0.96	<0.96	U	0.96	P	05/06/2025	18:25	LB135689
	Iron	4.81	<4.81	U	4.81	P	05/06/2025	18:25	LB135689
	Lead	0.58	<0.58	U	0.58	P	05/06/2025	18:25	LB135689
	Manganese	0.96	<0.96	U	0.96	P	05/06/2025	18:25	LB135689
	Molybdenum	9.62	<9.62	U	9.62	P	05/06/2025	18:25	LB135689
	Nickel	1.92	<1.92	U	1.92	P	05/06/2025	18:25	LB135689
	Selenium	0.96	<0.96	U	0.96	P	05/06/2025	18:25	LB135689
	Silver	0.48	<0.48	U	0.48	P	05/06/2025	18:25	LB135689
	Thallium	1.92	<1.92	U	1.92	P	05/06/2025	18:25	LB135689
	Vanadium	1.92	<1.92	U	1.92	P	05/06/2025	18:25	LB135689
	Zinc	1.92	<1.92	U	1.92	P	05/06/2025	18:25	LB135689

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	238000	255000	93	216000	294000	04/30/2025	16:46	LB135614
	Antimony	-3.45			-50	50	04/30/2025	16:46	LB135614
	Arsenic	5.92			-20	20	04/30/2025	16:46	LB135614
	Barium	2.05	6.0	34	-94	106	04/30/2025	16:46	LB135614
	Beryllium	0.57			-6	6	04/30/2025	16:46	LB135614
	Boron	31.4	1000	3	-100	100	04/30/2025	16:46	LB135614
	Cadmium	-2.34	1.0	234	-5	7	04/30/2025	16:46	LB135614
	Chromium	56.4	52.0	108	42	62	04/30/2025	16:46	LB135614
	Cobalt	0.78			-30	30	04/30/2025	16:46	LB135614
	Copper	1.85	2.0	92	-18	22	04/30/2025	16:46	LB135614
	Iron	102000	101000	101	85600	116500	04/30/2025	16:46	LB135614
	Lead	-0.96			-12	12	04/30/2025	16:46	LB135614
	Manganese	1.20	7.0	17	-13	27	04/30/2025	16:46	LB135614
	Molybdenum	-0.055	1000		-200	200	04/30/2025	16:46	LB135614
	Nickel	1.86	2.0	93	-38	42	04/30/2025	16:46	LB135614
	Selenium	-1.87			-20	20	04/30/2025	16:46	LB135614
	Silver	1.91			-10	10	04/30/2025	16:46	LB135614
	Thallium	11.1			-40	40	04/30/2025	16:46	LB135614
	Vanadium	1.35			-40	40	04/30/2025	16:46	LB135614
	Zinc	3.18			-40	40	04/30/2025	16:46	LB135614
ICSAB01	Aluminum	234000	247000	95	209000	285000	04/30/2025	17:04	LB135614
	Antimony	633	618	102	525	711	04/30/2025	17:04	LB135614
	Arsenic	117	104	112	88.4	120	04/30/2025	17:04	LB135614
	Barium	496	537	92	437	637	04/30/2025	17:04	LB135614
	Beryllium	514	495	104	420	570	04/30/2025	17:04	LB135614
	Boron	869	1000	87	850	1150	04/30/2025	17:04	LB135614
	Cadmium	1090	972	112	826	1120	04/30/2025	17:04	LB135614
	Chromium	600	542	111	460	624	04/30/2025	17:04	LB135614
	Cobalt	531	476	112	404	548	04/30/2025	17:04	LB135614
	Copper	502	511	98	434	588	04/30/2025	17:04	LB135614
	Iron	97700	99300	98	84400	114500	04/30/2025	17:04	LB135614
	Lead	50.9	49.0	104	37	61	04/30/2025	17:04	LB135614
	Manganese	496	507	98	430	584	04/30/2025	17:04	LB135614
	Molybdenum	999	1000	100	850	1150	04/30/2025	17:04	LB135614
	Nickel	1050	954	110	810	1100	04/30/2025	17:04	LB135614
	Selenium	50.9	46.0	111	26	66	04/30/2025	17:04	LB135614
	Silver	205	201	102	170	232	04/30/2025	17:04	LB135614
	Thallium	118	108	109	68	148	04/30/2025	17:04	LB135614
	Vanadium	489	491	100	417	565	04/30/2025	17:04	LB135614
	Zinc	1090	952	114	809	1095	04/30/2025	17:04	LB135614
ICSA01	Aluminum	237000	255000	93	216000	294000	05/06/2025	15:50	LB135689
	Antimony	-1.78			-50	50	05/06/2025	15:50	LB135689

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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	Arsenic	4.12			-20	20	05/06/2025	15:50	LB135689
	Barium	2.93	6.0	49	-94	106	05/06/2025	15:50	LB135689
	Beryllium	1.32			-6	6	05/06/2025	15:50	LB135689
	Boron	10.3	1000	1	-100	100	05/06/2025	15:50	LB135689
	Cadmium	-2.60	1.0	260	-5	7	05/06/2025	15:50	LB135689
	Chromium	52.9	52.0	102	42	62	05/06/2025	15:50	LB135689
	Cobalt	0.63			-30	30	05/06/2025	15:50	LB135689
	Copper	-0.0080	2.0		-18	22	05/06/2025	15:50	LB135689
	Iron	91100	101000	90	85600	116500	05/06/2025	15:50	LB135689
	Lead	0.71			-12	12	05/06/2025	15:50	LB135689
	Manganese	1.70	7.0	24	-13	27	05/06/2025	15:50	LB135689
	Molybdenum	0.11	1000		-200	200	05/06/2025	15:50	LB135689
	Nickel	1.98	2.0	99	-38	42	05/06/2025	15:50	LB135689
	Selenium	-10.5			-20	20	05/06/2025	15:50	LB135689
	Silver	0.23			-10	10	05/06/2025	15:50	LB135689
	Thallium	4.79			-40	40	05/06/2025	15:50	LB135689
	Vanadium	1.20			-40	40	05/06/2025	15:50	LB135689
	Zinc	3.59			-40	40	05/06/2025	15:50	LB135689
ICSAB01	Aluminum	230000	247000	93	209000	285000	05/06/2025	15:55	LB135689
	Antimony	641	618	104	525	711	05/06/2025	15:55	LB135689
	Arsenic	114	104	110	88.4	120	05/06/2025	15:55	LB135689
	Barium	512	537	95	437	637	05/06/2025	15:55	LB135689
	Beryllium	505	495	102	420	570	05/06/2025	15:55	LB135689
	Boron	859	1000	86	850	1150	05/06/2025	15:55	LB135689
	Cadmium	1060	972	109	826	1120	05/06/2025	15:55	LB135689
	Chromium	576	542	106	460	624	05/06/2025	15:55	LB135689
	Cobalt	523	476	110	404	548	05/06/2025	15:55	LB135689
	Copper	516	511	101	434	588	05/06/2025	15:55	LB135689
	Iron	94200	99300	95	84400	114500	05/06/2025	15:55	LB135689
	Lead	48.7	49.0	99	37	61	05/06/2025	15:55	LB135689
	Manganese	507	507	100	430	584	05/06/2025	15:55	LB135689
	Molybdenum	946	1000	95	850	1150	05/06/2025	15:55	LB135689
	Nickel	1040	954	109	810	1100	05/06/2025	15:55	LB135689
	Selenium	41.3	46.0	90	26	66	05/06/2025	15:55	LB135689
	Silver	195	201	97	170	232	05/06/2025	15:55	LB135689
	Thallium	112	108	104	68	148	05/06/2025	15:55	LB135689
	Vanadium	498	491	101	417	565	05/06/2025	15:55	LB135689
	Zinc	1070	952	112	809	1095	05/06/2025	15:55	LB135689

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1903

contract: POWE02 **lab code:** CHEM **case no.:** Q1903 **sas no.:** Q1903

matrix: Solid **sample id:** Q1901-02 **client id:** B-167-SB01MS

Percent Solids for Sample: 82.6 **Spiked ID:** Q1901-02MS **Percent Solids for Spike Sample:** 82.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.34		0.039		0.33	90		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1903

contract: POWE02 **lab code:** CHEM **case no.:** Q1903 **sas no.:** Q1903

matrix: Solid **sample id:** Q1901-02 **client id:** B-167-SB01MSD

Percent Solids for Sample: 82.6 **Spiked ID:** Q1901-02MSD **Percent Solids for Spike Sample:** 82.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.31		0.039		0.3	92		CV

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metals
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MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1903

contract: POWE02 **lab code:** CHEM **case no.:** Q1903 **sas no.:** Q1903

matrix: Solid **sample id:** Q1902-02 **client id:** 343MS

Percent Solids for Sample: 90.3 **Spiked ID:** Q1902-02MS **Percent Solids for Spike Sample:** 90.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8240		6010		100	2229		P
Antimony	mg/Kg	75 - 125	14.9		2.38	U	42.0	36	N	P
Arsenic	mg/Kg	75 - 125	39.6		2.97		42.0	87		P
Barium	mg/Kg	75 - 125	58.6		44.1		10.5	138		P
Beryllium	mg/Kg	75 - 125	10.3		0.40		10.5	95		P
Boron	mg/Kg	75 - 125	6.04		4.34	J	15.7	11	N	P
Cadmium	mg/Kg	75 - 125	11.0		0.28	U	10.5	104		P
Chromium	mg/Kg	75 - 125	33.0		10.6		21.0	107		P
Cobalt	mg/Kg	75 - 125	16.6		5.01		10.5	110		P
Copper	mg/Kg	75 - 125	28.0		11.1		15.7	107		P
Iron	mg/Kg	75 - 125	12800		11500		160	851		P
Lead	mg/Kg	75 - 125	93.6		32.1		52.5	117		P
Manganese	mg/Kg	75 - 125	306		278		10.5	271		P
Molybdenum	mg/Kg	75 - 125	18.4		9.51	U	21.0	88		P
Nickel	mg/Kg	75 - 125	38.4		9.50		26.2	110		P
Selenium	mg/Kg	75 - 125	84.8		0.25	J	100	85		P
Silver	mg/Kg	75 - 125	3.56		0.19	J	3.9	86		P
Thallium	mg/Kg	75 - 125	103		0.24	J	100	103		P
Vanadium	mg/Kg	75 - 125	31.2		14.5		15.7	107		P
Zinc	mg/Kg	75 - 125	71.3		47.4		10.5	227		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1903

contract: POWE02 **lab code:** CHEM **case no.:** Q1903 **sas no.:** Q1903

matrix: Solid **sample id:** Q1902-02 **client id:** 343MSD

Percent Solids for Sample: 90.3 **Spiked ID:** Q1902-02MSD **Percent Solids for Spike Sample:** 90.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6230		6010		91.9	239		P
Antimony	mg/Kg	75 - 125	14.0		2.38	U	36.8	38	N	P
Arsenic	mg/Kg	75 - 125	34.9		2.97		36.8	87		P
Barium	mg/Kg	75 - 125	55.3		44.1		9.2	122		P
Beryllium	mg/Kg	75 - 125	8.37		0.40		9.2	87		P
Boron	mg/Kg	75 - 125	13.6		4.34	J	13.8	67	N	P
Cadmium	mg/Kg	75 - 125	9.35		0.28	U	9.2	102		P
Chromium	mg/Kg	75 - 125	27.8		10.6		18.4	93		P
Cobalt	mg/Kg	75 - 125	14.2		5.01		9.2	100		P
Copper	mg/Kg	75 - 125	21.7		11.1		13.8	77		P
Iron	mg/Kg	75 - 125	11300		11500		140	-161		P
Lead	mg/Kg	75 - 125	74.8		32.1		46.0	93		P
Manganese	mg/Kg	75 - 125	331		278		9.2	585		P
Molybdenum	mg/Kg	75 - 125	16.4		9.51	U	18.4	89		P
Nickel	mg/Kg	75 - 125	33.2		9.50		23.0	103		P
Selenium	mg/Kg	75 - 125	75.6		0.25	J	91.9	82		P
Silver	mg/Kg	75 - 125	3.26		0.19	J	3.4	90		P
Thallium	mg/Kg	75 - 125	90.5		0.24	J	91.9	98		P
Vanadium	mg/Kg	75 - 125	25.9		14.5		13.8	82		P
Zinc	mg/Kg	75 - 125	53.7		47.4		9.2	68		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Matrix: Solid **Level:** LOW **Client ID:** 343A

Sample ID: Q1902-02 **Spiked ID:** Q1902-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	33.1		2.38	U	38.0	87		P
Boron	mg/Kg	75 - 125	9.67		4.34	J	14.3	37		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Matrix: Solid **Sample ID:** Q1901-02 **Client ID:** B-167-SB01DUP

Percent Solids for Sample: 82.6 **Duplicate ID** Q1901-02DUP **Percent Solids for Spike Sample:** 82.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.039		0.042		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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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Matrix: Solid **Sample ID:** Q1901-02MS **Client ID:** B-167-SB01MSD

Percent Solids for Sample: 82.6 **Duplicate ID** Q1901-02MSD **Percent Solids for Spike Sample:** 82.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.34		0.31		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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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Matrix: Solid **Sample ID:** Q1902-02 **Client ID:** 343DUP

Percent Solids for Sample: 90.3 **Duplicate ID** Q1902-02DUP **Percent Solids for Spike Sample:** 90.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6010		6390		6		P
Antimony	mg/Kg	20	2.38	U	2.66	U			P
Arsenic	mg/Kg	20	2.97		3.16		6		P
Barium	mg/Kg	20	44.1		47.1		7		P
Beryllium	mg/Kg	20	0.40		0.44		11		P
Boron	mg/Kg	20	4.34	J	1.43	J	101		P
Cadmium	mg/Kg	20	0.28	U	0.32	U			P
Chromium	mg/Kg	20	10.6		11.8		11		P
Cobalt	mg/Kg	20	5.01		5.11		2		P
Copper	mg/Kg	20	11.1		11.8		6		P
Iron	mg/Kg	20	11500		11900		3		P
Lead	mg/Kg	20	32.1		36.6		13		P
Manganese	mg/Kg	20	278		285		2		P
Molybdenum	mg/Kg	20	9.51	U	10.7	U			P
Nickel	mg/Kg	20	9.50		9.74		2		P
Selenium	mg/Kg	20	0.25	J	1.06	U	200.0		P
Silver	mg/Kg	20	0.19	J	0.13	J	36		P
Thallium	mg/Kg	20	0.24	J	0.38	J	43		P
Vanadium	mg/Kg	20	14.5		15.9		9		P
Zinc	mg/Kg	20	47.4		50.7		7		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.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Matrix: Solid **Sample ID:** Q1902-02MS **Client ID:** 343MSD

Percent Solids for Sample: 90.3 **Duplicate ID** Q1902-02MSD **Percent Solids for Spike Sample:** 90.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	8240		6230		28	*	P
Antimony	mg/Kg	20	14.9		14.0		6		P
Arsenic	mg/Kg	20	39.6		34.9		13		P
Barium	mg/Kg	20	58.6		55.3		6		P
Beryllium	mg/Kg	20	10.3		8.37		21	*	P
Boron	mg/Kg	20	6.04		13.6		77		P
Cadmium	mg/Kg	20	11.0		9.35		16		P
Chromium	mg/Kg	20	33.0		27.8		17		P
Cobalt	mg/Kg	20	16.6		14.2		16		P
Copper	mg/Kg	20	28.0		21.7		25	*	P
Iron	mg/Kg	20	12800		11300		12		P
Lead	mg/Kg	20	93.6		74.8		22	*	P
Manganese	mg/Kg	20	306		331		8		P
Molybdenum	mg/Kg	20	18.4		16.4		11		P
Nickel	mg/Kg	20	38.4		33.2		15		P
Selenium	mg/Kg	20	84.8		75.6		11		P
Silver	mg/Kg	20	3.56		3.26		9		P
Thallium	mg/Kg	20	103		90.5		13		P
Vanadium	mg/Kg	20	31.2		25.9		19		P
Zinc	mg/Kg	20	71.3		53.7		28	*	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.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167781BS							
Aluminum	mg/Kg	95.7	85.2		89	80 - 120	P
Antimony	mg/Kg	38.3	34.6		90	80 - 120	P
Arsenic	mg/Kg	38.3	34.2		89	80 - 120	P
Barium	mg/Kg	9.6	8.38		87	80 - 120	P
Beryllium	mg/Kg	9.6	8.87		92	80 - 120	P
Boron	mg/Kg	14.4	13.6		94	80 - 120	P
Cadmium	mg/Kg	9.6	8.85		92	80 - 120	P
Chromium	mg/Kg	19.1	17.6		92	80 - 120	P
Cobalt	mg/Kg	9.6	8.56		89	80 - 120	P
Copper	mg/Kg	14.4	13.3		92	80 - 120	P
Iron	mg/Kg	140	128		91	80 - 120	P
Lead	mg/Kg	47.8	43.2		90	80 - 120	P
Manganese	mg/Kg	9.6	8.80		92	80 - 120	P
Molybdenum	mg/Kg	19.1	17.9		94	80 - 120	P
Nickel	mg/Kg	23.9	21.6		90	80 - 120	P
Selenium	mg/Kg	95.7	84.9		89	80 - 120	P
Silver	mg/Kg	3.6	3.23		90	80 - 120	P
Thallium	mg/Kg	95.7	87.3		91	80 - 120	P
Vanadium	mg/Kg	14.4	12.8		89	80 - 120	P
Zinc	mg/Kg	9.6	8.78		92	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167786BS							
Mercury	mg/Kg	0.27	0.24		88	80 - 120	CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

B-167-SB01L

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

Lab Code: CHEM **Lb No.:** lb135611 **Lab Sample ID :** Q1901-02L **SDG No.:** Q1903

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	0.039		0.078	U	100.0		CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

343L

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

Lab Code: CHEM **Lb No.:** lb135614 **Lab Sample ID :** Q1902-02L **SDG No.:** Q1903

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	6010		6240		4		P
Antimony	2.38	U	11.9	U			P
Arsenic	2.97		2.65	J	11		P
Barium	44.1		44.2		0		P
Beryllium	0.40		0.45	J	12		P
Boron	4.34	J	23.8	U	100.0		P
Cadmium	0.28	U	1.43	U			P
Chromium	10.6		11.4		8		P
Cobalt	5.01		4.75	J	5		P
Copper	11.1		13.1		17		P
Iron	11500		11300		2		P
Lead	32.1		32.3		1		P
Manganese	278		286		3		P
Molybdenum	9.51	U	47.5	U			P
Nickel	9.50		9.02	J	5		P
Selenium	0.25	J	4.75	U	100.0		P
Silver	0.19	J	2.38	U	100.0		P
Thallium	0.24	J	9.51	U	100.0		P
Vanadium	14.5		14.9		2		P
Zinc	47.4		49.8		5		P

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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.:** Q1903

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903

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.:** Q1903

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

Case No.: Q1903 **SAS No.:** Q1903

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167781**						
PB167781BL	PB167781BL	MB	SOLID	04/29/2025	2.08	100.0	100.00
PB167781BS	PB167781BS	LCS	SOLID	04/29/2025	2.09	100.0	100.00
Q1902-02DUP	343DUP	DUP	SOLID	04/29/2025	2.08	100.0	90.30
Q1902-02MS	343MS	MS	SOLID	04/29/2025	2.11	100.0	90.30
Q1902-02MSD	343MSD	MSD	SOLID	04/29/2025	2.41	100.0	90.30
Q1903-01	COMP-4	SAM	SOLID	04/29/2025	2.35	100.0	83.30
Q1903-02	COMP-5	SAM	SOLID	04/29/2025	2.20	100.0	78.90
Q1903-03	COMP-6	SAM	SOLID	04/29/2025	2.34	100.0	83.90

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SAMPLE PREPARATION SUMMARY

Client: Kleinfelder **SDG No.:** Q1903

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

Case No.: Q1903 **SAS No.:** Q1903

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167786**						
PB167786BL	PB167786BL	MB	SOLID	04/29/2025	0.53	35.0	100.00
PB167786BS	PB167786BS	LCS	SOLID	04/29/2025	0.52	35.0	100.00
Q1901-02DUP	B-167-SB01DUP	DUP	SOLID	04/29/2025	0.56	35.0	82.60
Q1901-02MS	B-167-SB01MS	MS	SOLID	04/29/2025	0.52	35.0	82.60
Q1901-02MSD	B-167-SB01MSD	MSD	SOLID	04/29/2025	0.56	35.0	82.60
Q1903-01	COMP-4	SAM	SOLID	04/29/2025	0.52	35.0	83.30
Q1903-02	COMP-5	SAM	SOLID	04/29/2025	0.50	35.0	78.90
Q1903-03	COMP-6	SAM	SOLID	04/29/2025	0.53	35.0	83.90

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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: CHEM **Case no.:** Q1903 **Sas no.:** Q1903 **Sdg no.:** Q1903

Instrument id number: **Method:** **Run number:** LB135611

Start date: 04/30/2025 **End date:** 04/30/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1317	HG
S0.2	S0.2	1	1319	HG
S2.5	S2.5	1	1321	HG
S5	S5	1	1324	HG
S7.5	S7.5	1	1326	HG
S10	S10	1	1328	HG
ICV109	ICV109	1	1335	HG
ICB109	ICB109	1	1338	HG
CCV52	CCV52	1	1340	HG
CCB52	CCB52	1	1342	HG
CRA	CRA	1	1345	HG
PB167786BL	PB167786BL	1	1351	HG
PB167786BS	PB167786BS	1	1356	HG
Q1901-02DUP	B-167-SB01DUP	1	1401	HG
Q1901-02MS	B-167-SB01MS	1	1403	HG
Q1901-02MSD	B-167-SB01MSD	1	1406	HG
CCV53	CCV53	1	1410	HG
CCB53	CCB53	1	1413	HG
Q1903-01	COMP-4	1	1422	HG
Q1903-02	COMP-5	1	1424	HG
Q1903-03	COMP-6	1	1426	HG
CCV54	CCV54	1	1438	HG
CCB54	CCB54	1	1440	HG
Q1901-02L	B-167-SB01L	5	1451	HG
CCV55	CCV55	1	1456	HG
CCB55	CCB55	1	1458	HG

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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: CHEM **Case no.:** Q1903 **Sas no.:** Q1903 **Sdg no.:** Q1903

Instrument id number: **Method:** **Run number:** LB135614

Start date: 04/30/2025 **End date:** 04/30/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1428	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1433	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1437	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1441	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1445	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1450	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1618	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1628	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1636	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1641	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1646	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1704	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1727	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1738	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1830	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1835	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1937	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1941	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	2023	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	2027	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	2108	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	2113	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1902-02DUP	343DUP	1	2142	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1902-02L	343L	5	2146	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1902-02MS	343MS	1	2150	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	2154	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2158	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1902-02MSD	343MSD	1	2202	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1902-02A	343A	1	2206	B,Sb
Q1903-01	COMP-4	1	2210	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1903-02	COMP-5	1	2215	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1903-03	COMP-6	1	2219	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	2240	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	2244	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2305	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2309	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.:** Q1903 **Sas no.:** Q1903 **Sdg no.:** Q1903

Instrument id number: **Method:** **Run number:** LB135689

Start date: 05/06/2025 **End date:** 05/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1343	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1348	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1352	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1356	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1401	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1405	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1447	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1522	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1527	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1531	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1550	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1555	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1629	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1634	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1715	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1720	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1808	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1813	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
PB167781BL	PB167781BL	1	1825	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
PB167781BS	PB167781BS	1	1837	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1916	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1920	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	2001	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	2006	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	2031	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2035	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn

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LAB CHRONICLE

OrderID:	Q1903	**OrderDate:**	4/28/2025 11:30:00 AM
Client:	Kleinfelder	**Project:**	Mitchell School
Contact:	Mark Warchol	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1903-01	**COMP-4**	**SOIL**			**04/25/25 09:25**			**04/28/25**
			Ammonia	SM4500-NH3		04/30/25	04/30/25 14:02	
			Anions Group1	9056A			04/28/25 18:33	
			Hexavalent Chromium	7196A		04/29/25	04/29/25 14:00	
			Trivalent Chromium	6010D			04/30/25 22:10	
Q1903-02	**COMP-5**	**SOIL**			**04/25/25 10:05**			**04/28/25**
			Ammonia	SM4500-NH3		04/30/25	04/30/25 14:02	
			Anions Group1	9056A			04/28/25 18:55	
			Hexavalent Chromium	7196A		04/29/25	04/29/25 14:01	
			Trivalent Chromium	6010D			04/30/25 22:15	
Q1903-03	**COMP-6**	**SOIL**			**04/25/25 10:30**			**04/28/25**
			Ammonia	SM4500-NH3		04/30/25	04/30/25 14:02	
			Anions Group1	9056A			04/28/25 19:16	
			Hexavalent Chromium	7196A		04/29/25	04/29/25 14:02	
			Trivalent Chromium	6010D			04/30/25 22:19	

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/25/25 09:25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-4	SDG No.:	Q1903
Lab Sample ID:	Q1903-01	Matrix:	SOIL
		% Solid:	83.3

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	04/30/25 09:25	04/30/25 14:02	SM 4500-NH3 B plus G-11
Chloride	4.10	U	1	4.10	14.3	mg/Kg		04/28/25 18:33	9056A
Fluoride	4.10	J	1	2.10	9.50	mg/Kg		04/28/25 18:33	9056A
Sulfate	32.4	J	1	10.4	71.5	mg/Kg		04/28/25 18:33	9056A
Hexavalent Chromium	0.083	U	1	0.083	0.48	mg/Kg	04/29/25 09:00	04/29/25 14:00	7196A
Trivalent Chromium	17.4		1	0.60	0.60	mg/Kg		04/30/25 22:10	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:	04/25/25 10:05
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-5	SDG No.:	Q1903
Lab Sample ID:	Q1903-02	Matrix:	SOIL
		% Solid:	78.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	3.40	J	1	2.70	6.10	mg/Kg	04/30/25 09:25	04/30/25 14:02	SM 4500-NH3 B plus G-11
Chloride	4.50	J	1	4.40	15.1	mg/Kg		04/28/25 18:55	9056A
Fluoride	8.00	J	1	2.20	10.0	mg/Kg		04/28/25 18:55	9056A
Sulfate	36.2	J	1	11.0	75.3	mg/Kg		04/28/25 18:55	9056A
Hexavalent Chromium	0.088	U	1	0.088	0.50	mg/Kg	04/29/25 09:00	04/29/25 14:01	7196A
Trivalent Chromium	18.0		1	0.63	0.63	mg/Kg		04/30/25 22:15	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:	04/25/25 10:30
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-6	SDG No.:	Q1903
Lab Sample ID:	Q1903-03	Matrix:	SOIL
		% Solid:	83.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.60	U	1	2.60	5.80	mg/Kg	04/30/25 09:25	04/30/25 14:02	SM 4500-NH3 B plus G-11
Chloride	4.10	U	1	4.10	14.1	mg/Kg		04/28/25 19:16	9056A
Fluoride	5.40	J	1	2.10	9.40	mg/Kg		04/28/25 19:16	9056A
Sulfate	23.6	J	1	10.3	70.7	mg/Kg		04/28/25 19:16	9056A
Hexavalent Chromium	0.093	U	1	0.093	0.53	mg/Kg	04/29/25 09:00	04/29/25 14:02	7196A
Trivalent Chromium	21.9		1	0.60	0.60	mg/Kg		04/30/25 22:19	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

Alliance TECHNICAL GROUP
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Initial and Continuing Calibration Verification

Client: Kleinfelder **SDG No.:** Q1903

Project: Mitchell School **RunNo.:** LB135573

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	10.5	10	105	90-110	04/28/2025
Chloride	mg/L	3.2	3	107	90-110	04/28/2025
Fluoride	mg/L	2.1	2	105	90-110	04/28/2025
Nitrite	mg/L	3.1	3	103	90-110	04/28/2025
Nitrate	mg/L	2.7	2.5	108	90-110	04/28/2025
Sulfate	mg/L	15.4	15	103	90-110	04/28/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	04/28/2025
Sample ID: **CCV2**						
Bromide	mg/L	10.6	10	106	90-110	04/28/2025
Chloride	mg/L	3.2	3	107	90-110	04/28/2025
Fluoride	mg/L	2.1	2	105	90-110	04/28/2025
Nitrite	mg/L	3.2	3	107	90-110	04/28/2025
Nitrate	mg/L	2.7	2.5	108	90-110	04/28/2025
Sulfate	mg/L	15.4	15	103	90-110	04/28/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	04/28/2025

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Initial and Continuing Calibration Verification

Client:	Kleinfelder	**SDG No.:**	Q1903
Project:	Mitchell School	**RunNo.:**	LB135596

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.491	0.5	98	90-110	04/29/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	04/29/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.491	0.5	98	90-110	04/29/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.494	0.5	99	90-110	04/29/2025
Sample ID: CCV4						
Hexavalent Chromium	mg/L	0.494	0.5	99	90-110	04/29/2025

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Initial and Continuing Calibration Verification

Client:	Kleinfelder	**SDG No.:**	Q1903
Project:	Mitchell School	**RunNo.:**	LB135612

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV1**						
Ammonia as N	mg/L	0.92	1	92	90-110	04/30/2025
Sample ID: **CCV1**						
Ammonia as N	mg/L	0.94	1	94	90-110	04/30/2025
Sample ID: **CCV2**						
Ammonia as N	mg/L	1	1	100	90-110	04/30/2025
Sample ID: **CCV3**						
Ammonia as N	mg/L	0.97	1	97	90-110	04/30/2025

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Initial and Continuing Calibration Verification

Client:	Kleinfelder	**SDG No.:**	Q1903
Project:	Mitchell School	**RunNo.:**	LB135612

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.:** Q1903

Project: Mitchell School **RunNo.:** LB135573

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	04/28/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	04/28/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	04/28/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	04/28/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	04/28/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	04/28/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	04/28/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	04/28/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	04/28/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	04/28/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	04/28/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	04/28/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	04/28/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	04/28/2025

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Initial and Continuing Calibration Blank Summary

Client:	Kleinfelder	**SDG No.:**	Q1903
Project:	Mitchell School	**RunNo.:**	LB135596

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	04/29/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/29/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/29/2025
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/29/2025
Sample ID: CCB4							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/29/2025

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Initial and Continuing Calibration Blank Summary

Client:	Kleinfelder	**SDG No.:**	Q1903
Project:	Mitchell School	**RunNo.:**	LB135612

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	04/30/2025
Sample ID: CCB1							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	04/30/2025
Sample ID: CCB2							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	04/30/2025
Sample ID: CCB3							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	04/30/2025

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Initial and Continuing Calibration Blank Summary

Client:	Kleinfelder	**SDG No.:**	Q1903
Project:	Mitchell School	**RunNo.:**	LB135612

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date

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Preparation Blank Summary

Client: Kleinfelder **SDG No.:** Q1903

Project: Mitchell School

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB135573BLS							
Bromide	mg/Kg	< 20.0000	20.0000	U	7	40	04/28/2025
Chloride	mg/Kg	< 6.0000	6.0000	U	3.5	12	04/28/2025
Fluoride	mg/Kg	< 4.0000	4.0000	U	1.8	8	04/28/2025
Nitrite	mg/Kg	< 6.0000	6.0000	U	1.5	12	04/28/2025
Nitrate	mg/Kg	< 5.0000	5.0000	U	1.8	10	04/28/2025
Sulfate	mg/Kg	< 30.0000	30.0000	U	8.8	60	04/28/2025
Orthophosphate as P	mg/Kg	< 10.0000	10.0000	U	6.7	20	04/28/2025
Sample ID: PB167785BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	04/29/2025
Sample ID: PB167793BL							
Ammonia as N	mg/Kg	< 2.5000	2.5000	U	2.2	5	04/30/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: COMP-1MS
SDG No.: Q1903
Sample ID: Q1889-01
Percent Solids for Spike Sample: 82.5

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	63.1		5.50	J	58.8	1	98		04/30/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: COMP-1MSD
SDG No.: Q1903
Sample ID: Q1889-01
Percent Solids for Spike Sample: 82.5

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	65.5		5.50	J	59.4	1	101		04/30/2025

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Matrix Spike Summary

Client: Kleinfelder
SDG No.: Q1903
Project: Mitchell School
Sample ID: Q1889-03
Client ID: COMP-3MS
Percent Solids for Spike Sample: 80.7

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/Kg	80-120	252		8.70	U	250	1	101		04/28/2025
Chloride	mg/Kg	80-120	79.3		5.00	J	74.1	1	100		04/28/2025
Fluoride	mg/Kg	80-120	53.2		10.3		49.4	1	87		04/28/2025
Nitrite	mg/Kg	80-120	75.1		1.90	U	74.1	1	101		04/28/2025
Nitrate	mg/Kg	80-120	63.3		2.40	J	61.7	1	99		04/28/2025
Sulfate	mg/Kg	80-120	393		34.4	J	370	1	97		04/28/2025
Orthophosphate as P	mg/Kg	80-120	98.8		8.20	U	120	1	82		04/28/2025

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Matrix Spike Summary

Client: Kleinfelder
SDG No.: Q1903
Project: Mitchell School
Sample ID: Q1889-03
Client ID: COMP-3MSD
Percent Solids for Spike Sample: 80.7

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/Kg	80-120	252		8.70	U	250	1	101		04/28/2025
Chloride	mg/Kg	80-120	79.3		5.00	J	73.9	1	101		04/28/2025
Fluoride	mg/Kg	80-120	53.7		10.3		49.3	1	88		04/28/2025
Nitrite	mg/Kg	80-120	75.2		1.90	U	73.9	1	102		04/28/2025
Nitrate	mg/Kg	80-120	63.3		2.40	J	61.6	1	99		04/28/2025
Sulfate	mg/Kg	80-120	394		34.4	J	370	1	97		04/28/2025
Orthophosphate as P	mg/Kg	80-120	99.1		8.20	U	120	1	83		04/28/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: B-167-SB01MS
SDG No.: Q1903
Sample ID: Q1901-02
Percent Solids for Spike Sample: 82.6

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	1500		0.083	U	1550	40	97		04/29/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: B-167-SB01MS
SDG No.: Q1903
Sample ID: Q1901-02
Percent Solids for Spike Sample: 82.6

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	46.5		0.083	U	48.4	2	96		04/29/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: B-167-SB01MS
SDG No.: Q1903
Sample ID: Q1901-02
Percent Solids for Spike Sample: 82.6

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	40.8		0.083	U	48.4	2	84		04/29/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: COMP-1DUP
SDG No.: Q1903
Sample ID: Q1889-01
Percent Solids for Spike Sample: 82.5

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	5.50	J	5.60	J	1	2		04/30/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: COMP-1MSD
SDG No.: Q1903
Sample ID: Q1889-01
Percent Solids for Spike Sample: 82.5

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	63.1		65.5		1	4		04/30/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: COMP-3MSD

SDG No.: Q1903
Sample ID: Q1889-03
Percent Solids for Spike Sample: 80.7

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Bromide	mg/Kg	+/-15	252		252		1	0		04/28/2025
Chloride	mg/Kg	+/-15	79.3		79.3		1	0		04/28/2025
Nitrate	mg/Kg	+/-15	63.3		63.3		1	0		04/28/2025
Nitrite	mg/Kg	+/-15	75.1		75.2		1	0		04/28/2025
Orthophosphate as P	mg/Kg	+/-15	98.8		99.1		1	0		04/28/2025
Sulfate	mg/Kg	+/-15	393		394		1	0		04/28/2025
Fluoride	mg/Kg	+/-15	53.2		53.7		1	1		04/28/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: B-167-SB01DUP
SDG No.: Q1903
Sample ID: Q1901-02
Percent Solids for Spike Sample: 82.6

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.083	U	0.083	U	1	0		04/29/2025

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Laboratory Control Sample Summary

Client: Kleinfelder **SDG No.:** Q1903

Project: Mitchell School **Run No.:** LB135573

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB135573BSS								
Bromide	mg/Kg	200	211		106	1	90-110	04/28/2025
Chloride	mg/Kg	60	63.6		106	1	90-110	04/28/2025
Fluoride	mg/Kg	40	41.5		104	1	90-110	04/28/2025
Nitrite	mg/Kg	60	63.2		105	1	90-110	04/28/2025
Nitrate	mg/Kg	50	53.6		107	1	90-110	04/28/2025
Sulfate	mg/Kg	300	308		103	1	90-110	04/28/2025
Orthophosphate as P	mg/Kg	100	105		105	1	90-110	04/28/2025

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Laboratory Control Sample Summary

Client:	Kleinfelder	**SDG No.:**	Q1903
Project:	Mitchell School	**Run No.:**	LB135596

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **PB167785BS**								
Hexavalent Chromium	**mg/Kg**	**20**	**19.9**		**100**	**1**	**84-110**	**04/29/2025**

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Laboratory Control Sample Summary

Client:	Kleinfelder	**SDG No.:**	Q1903
Project:	Mitchell School	**Run No.:**	LB135612

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB167793BS								
Ammonia as N	mg/Kg	50	47.5		95	1	90-110	04/30/2025

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q1903

COC Number:

CLIENT INFORMATION

COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd Suite 3800
CITY: Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

PROJECT INFORMATION

PROJECT NAME: Mitchell School
PROJECT #: 20205164.001A LOCATION: Philadelphia
PROJECT MANAGER: Mark Warchol
E-MAIL: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

BILLING INFORMATION

BILL TO: Same PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 5 DAYS*
HARD COPY: 5 DAYS*
EDD 5 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☑ Other Level 2 (Results+QC)
- ☐ EDD Format

ANALYSIS

1	2	3	4	5	6	7	8	9
PADEP Hydric Clean Fill	Hold							

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9
1.	COMP-4	Soil	✓		4/25/25	9:25	4	✓								
2.	COMP-5	↓	↓		↓	10:05	↓	↓								
3.	COMP-6	↓	↓		↓	10:30	↓	↓								
4.	SB-13	↓		✓	↓	9:00	1		✓							
5.	SB-14	↓		↓	↓	9:05	↓		↓							
6.	SB-15	↓		↓	↓	9:15	↓		↓							
7.	SB-16	↓		↓	↓	9:20	↓		↓							
8.	SB-17	↓		↓	↓	9:35	↓		↓							
9.	SB-18	↓		↓	↓	9:45	↓		↓							
10.																

PRESERVATIVES: 1 = E, 2 = E

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY.

	RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.		4/25/25 1245	1.
2.	RELINQUISHED BY	DATE/TIME 1050 4-28-25	RECEIVED BY 2.
3.	RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.7
☐ Ice in Cooler?: melted ICE
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments: Hold grab samples SB-13 through SB-18 "Adjust factor + 1"

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR 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 : Q1903 POWE02 **Order Date :** 4/28/2025 11:30:00 AM **Project Mgr :**
Client Name : Kleinfelder **Project Name :** Mitchell School **Report Type :** Results+QC
Client Contact : Mark Warchol **Receive DateTime :** 4/28/2025 10:56:00 AM **EDD Type :** EXCEL NOCLEANUP
Invoice Name : Kleinfelder **Purchase Order :** **Hard Copy Date :**
Invoice Contact : Mark Warchol **Date Signoff :**

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1903-01	COMP-4	Solid	04/25/2025	09:25					
					VOCMS Group1		8260D		5 Bus. Days
Q1903-02	COMP-5	Solid	04/25/2025	10:05					
					VOCMS Group1		8260D		5 Bus. Days
Q1903-03	COMP-6	Solid	04/25/2025	10:30					
					VOCMS Group1		8260D		5 Bus. Days

Relinguished By : CP
Date / Time : 4/28/25 11:47

Received By : JC
Date / Time : 4/28/25 1147

Storage Area : VOA Refridgerator Room