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 : Q1889

ATTENTION : Mark Warchol

Laboratory Certification ID # 20012

Table Of Contents for Q1889

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

Order ID : Q1889

Project ID : Mitchell School

Client : Kleinfelder

Lab Sample Number	Client Sample Number
Q1889-01	COMP-1
Q1889-02	COMP-2
Q1889-03	COMP-3

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

Signature : _____

Date: 5/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Kleinfelder
Project Name: Mitchell School
Project # N/A
Chemtech Project # Q1889
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/25/2025.

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

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

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

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

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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.

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Signature_____

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CASE NARRATIVE

Kleinfelder
Project Name: Mitchell School
Project # N/A
Chemtech Project # Q1889
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/25/2025.

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

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

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The MS {Q1889-02MS} with File ID: BM050050.D recoveries met the requirements for all compounds except for Naphthalene[71%], failed marginally low due to matrix interference. therefore no further corrective action was required.

The MSD {Q1889-02MSD} with File ID: BM050051.D recoveries met the acceptable requirements except for Naphthalene[71%], failed marginally low due to matrix interference. therefore no further corrective action was required.
.
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 .

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The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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Signature_____

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CASE NARRATIVE

Kleinfelder
Project Name: Mitchell School
Project # N/A
Chemtech Project # Q1889
Test Name: PESTICIDE Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/25/2025.

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

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

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

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

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CASE NARRATIVE

Kleinfelder
Project Name: Mitchell School
Project # N/A
Chemtech Project # Q1889
Test Name: PCB Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/25/2025.

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 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.

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CASE NARRATIVE

Kleinfelder
Project Name: Mitchell School
Project # N/A
Chemtech Project # Q1889
Test Name: Metals ICP-Group1,Mercury

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/25/2025.

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 (OU4-PCS-TC-32-042325DUP) analysis met criteria for all samples except for Arsenic, Lead due to matrix interference.
The Matrix Spike (OU4-PCS-TC-32-042325MS) analysis met criteria for all samples except for Antimony, Arsenic, Barium, Chromium, Molybdenum, Selenium, Silver, Zinc due to matrix interference.
The Matrix Spike Duplicate (OU4-PCS-TC-32-042325MSD) analysis met criteria for all samples except for Antimony, Barium, Beryllium, Chromium, Cobalt, Zinc due to matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution(OU4-PCS-TC-32-042325L) met criteria for all samples except for Boron, Copper and Iron due to unknown interference.

E. Additional Comments:

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CASE NARRATIVE

Kleinfelder
Project Name: Mitchell School
Project # N/A
Chemtech Project # Q1889
Test Name: Hexavalent Chromium,Ammonia,Trivalent Chromium,Anions Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 04/25/2025.

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

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

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

E. Additional Comments:

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Signature_____

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

DATA REPORTING QUALIFIERS- INORGANIC

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

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

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1889

	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:** 05/07/2025

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LAB CHRONICLE

OrderID:	Q1889	**OrderDate:**	4/25/2025 11:06:00 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
Q1889-01	**COMP-1**	**SOIL**			**04/24/25**			**04/25/25**
			VOCMS Group1	8260D			04/28/25	
Q1889-02	**COMP-2**	**SOIL**			**04/24/25**			**04/25/25**
			VOCMS Group1	8260D			04/28/25	
Q1889-03	**COMP-3**	**SOIL**			**04/24/25**			**04/25/25**
			VOCMS Group1	8260D			04/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1889

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:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-1	SDG No.:	Q1889
Lab Sample ID:	Q1889-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	82.5
Sample Wt/Vol:	5.7 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
VY022032.D	1		04/28/25 15:28	VY042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.80	U	0.80	5.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.99	U	0.99	5.30	ug/Kg
71-43-2	Benzene	0.84	U	0.84	5.30	ug/Kg
79-01-6	Trichloroethene	0.86	U	0.86	5.30	ug/Kg
108-88-3	Toluene	0.83	U	0.83	5.30	ug/Kg
100-41-4	Ethyl Benzene	0.71	U	0.71	5.30	ug/Kg
1330-20-7	Total Xylenes	2.17	U	2.17	15.9	ug/Kg
98-82-8	Isopropylbenzene	0.83	U	0.83	5.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.1		63 - 155	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.9		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	48.5		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.6		38 - 136	79%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	305000	7.713			
540-36-3	1,4-Difluorobenzene	585000	8.616			
3114-55-4	Chlorobenzene-d5	528000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	199000	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:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-2	SDG No.:	Q1889
Lab Sample ID:	Q1889-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	80.5
Sample Wt/Vol:	5.69 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
VY022033.D	1		04/28/25 15:52	VY042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.82	U	0.82	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
71-43-2	Benzene	0.86	U	0.86	5.50	ug/Kg
79-01-6	Trichloroethene	0.88	U	0.88	5.50	ug/Kg
108-88-3	Toluene	0.85	U	0.85	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.73	U	0.73	5.50	ug/Kg
1330-20-7	Total Xylenes	2.30	U	2.30	16.4	ug/Kg
98-82-8	Isopropylbenzene	0.85	U	0.85	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.6		63 - 155	113%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	48.2		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.8		38 - 136	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	299000	7.707			
540-36-3	1,4-Difluorobenzene	578000	8.616			
3114-55-4	Chlorobenzene-d5	517000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	194000	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:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-3	SDG No.:	Q1889
Lab Sample ID:	Q1889-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	80.7
Sample Wt/Vol:	5.4 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
VY022034.D	1		04/28/25 16:15	VY042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.86	U	0.86	5.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	5.70	ug/Kg
71-43-2	Benzene	0.91	U	0.91	5.70	ug/Kg
79-01-6	Trichloroethene	0.93	U	0.93	5.70	ug/Kg
108-88-3	Toluene	0.89	U	0.89	5.70	ug/Kg
100-41-4	Ethyl Benzene	0.77	U	0.77	5.70	ug/Kg
1330-20-7	Total Xylenes	2.34	U	2.34	17.2	ug/Kg
98-82-8	Isopropylbenzene	0.89	U	0.89	5.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		63 - 155	108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	48.6		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.2		38 - 136	76%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	308000	7.707			
540-36-3	1,4-Difluorobenzene	582000	8.616			
3114-55-4	Chlorobenzene-d5	511000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	188000	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.: Q1889

Client: Kleinfelder

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1889-01	COMP-1	1,2-Dichloroethane-d4	50	54.1	108	63	155
		Dibromofluoromethane	50	52.0	104	70	134
		Toluene-d8	50	48.5	97	74	123
		4-Bromofluorobenzene	50	39.6	79	38	136
Q1889-02	COMP-2	1,2-Dichloroethane-d4	50	56.6	113	63	155
		Dibromofluoromethane	50	51.9	104	70	134
		Toluene-d8	50	48.2	96	74	123
		4-Bromofluorobenzene	50	39.8	80	38	136
Q1889-03	COMP-3	1,2-Dichloroethane-d4	50	54.0	108	63	155
		Dibromofluoromethane	50	50.7	101	70	134
		Toluene-d8	50	48.6	97	74	123
		4-Bromofluorobenzene	50	38.2	76	38	136
VY0428SBL01	VY0428SBL01	1,2-Dichloroethane-d4	50	51.3	103	63	155
		Dibromofluoromethane	50	50.8	102	70	134
		Toluene-d8	50	47.1	94	74	123
		4-Bromofluorobenzene	50	57.4	115	38	136
VY0428SBS01	VY0428SBS01	1,2-Dichloroethane-d4	50	49.5	99	63	155
		Dibromofluoromethane	50	50.8	101	70	134
		Toluene-d8	50	51.9	104	74	123
		4-Bromofluorobenzene	50	50.6	101	38	136
VY0428SBSD01	VY0428SBSD01	1,2-Dichloroethane-d4	50	48.0	96	63	155
		Dibromofluoromethane	50	50.0	100	70	134
		Toluene-d8	50	50.3	101	74	123
		4-Bromofluorobenzene	50	48.8	98	38	136

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1889

Client: Kleinfelder

Analytical Method: SW8260D **Datafile :** VY022023.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0428SBS01	cis-1,2-Dichloroethene	20	19.9	ug/Kg	100			82	123	
	1,1,1-Trichloroethane	20	20.6	ug/Kg	103			80	126	
	Benzene	20	21.0	ug/Kg	105			84	121	
	Trichloroethene	20	20.8	ug/Kg	104			83	122	
	Toluene	20	21.1	ug/Kg	106			83	122	
	Ethyl Benzene	20	20.0	ug/Kg	100			82	124	
	m/p-Xylenes	40	41.2	ug/Kg	103			83	124	
	o-Xylene	20	20.2	ug/Kg	101			83	123	
	Isopropylbenzene	20	19.5	ug/Kg	98			82	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1889

Client: Kleinfelder

Analytical Method: SW8260D **Datafile :** VY022024.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0428SBSD01	cis-1,2-Dichloroethene	20	19.6	ug/Kg	98	2		82	123	20
	1,1,1-Trichloroethane	20	20.2	ug/Kg	101	2		80	126	20
	Benzene	20	20.4	ug/Kg	102	3		84	121	20
	Trichloroethene	20	20.5	ug/Kg	103	1		83	122	20
	Toluene	20	20.7	ug/Kg	104	2		83	122	20
	Ethyl Benzene	20	19.7	ug/Kg	99	1		82	124	20
	m/p-Xylenes	40	40.4	ug/Kg	101	2		83	124	20
	o-Xylene	20	19.9	ug/Kg	100	1		83	123	20
	Isopropylbenzene	20	19.5	ug/Kg	98	0		82	124	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0428SBL01

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

Lab File ID: VY022022.D Lab Sample ID: VY0428SBL01

Date Analyzed: 04/28/2025 Time Analyzed: 11:08

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
VY0428SBS01	VY0428SBS01	VY022023.D	04/28/2025
VY0428SBSD01	VY0428SBSD01	VY022024.D	04/28/2025
COMP-1	Q1889-01	VY022032.D	04/28/2025
COMP-2	Q1889-02	VY022033.D	04/28/2025
COMP-3	Q1889-03	VY022034.D	04/28/2025

COMMENTS:

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

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.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

Lab File ID: VY022020.D BFB Injection Date: 04/28/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:29

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	16.1
75	30.0 - 60.0% of mass 95	47.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.6 (1.8) 1
174	50.0 - 100.0% of mass 95	88.6
175	5.0 - 9.0% of mass 174	6.7 (7.6) 1
176	95.0 - 101.0% of mass 174	85.9 (96.9) 1
177	5.0 - 9.0% of mass 176	5.3 (6.2) 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	VY022021.D	04/28/2025	09:59
VY0428SBL01	VY0428SBL01	VY022022.D	04/28/2025	11:08
VY0428SBS01	VY0428SBS01	VY022023.D	04/28/2025	11:40
VY0428SBSD01	VY0428SBSD01	VY022024.D	04/28/2025	12:02
COMP-1	Q1889-01	VY022032.D	04/28/2025	15:28
COMP-2	Q1889-02	VY022033.D	04/28/2025	15:52
COMP-3	Q1889-03	VY022034.D	04/28/2025	16:15

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

Lab File ID: VY022021.D Date Analyzed: 04/28/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:59

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	316866	7.71	463292	8.62	436582	11.42
UPPER LIMIT	633732	8.207	926584	9.116	873164	11.92
LOWER LIMIT	158433	7.207	231646	8.116	218291	10.92
EPA SAMPLE NO.						
COMP-1	304513	7.71	584934	8.62	527708	11.42
COMP-2	299025	7.71	578464	8.62	516589	11.41
COMP-3	307550	7.71	581856	8.62	511479	11.41
VY0428SBL01	311923	7.71	578371	8.62	493590	11.42
VY0428SBS01	288803	7.71	451635	8.62	414911	11.41
VY0428SBSD01	304169	7.71	466723	8.62	430101	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.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

Lab File ID: VY022021.D Date Analyzed: 04/28/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:59

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

	IS4 AREA #	RT #				
12 HOUR STD	238558	13.346				
UPPER LIMIT	477116	13.846				
LOWER LIMIT	119279	12.846				
EPA SAMPLE NO.						
COMP-1	198753	13.35				
COMP-2	194154	13.35				
COMP-3	188250	13.35				
VY0428SBL01	183874	13.35				
VY0428SBS01	223411	13.35				
VY0428SBSD01	228742	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:	VY0428SBL01	SDG No.:	Q1889
Lab Sample ID:	VY0428SBL01	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
VY022022.D	1		04/28/25 11:08	VY042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	2.02	U	2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	47.1		74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.4		38 - 136	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	312000	7.713			
540-36-3	1,4-Difluorobenzene	578000	8.616			
3114-55-4	Chlorobenzene-d5	494000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	184000	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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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Mitchell School	Date Received:	
Client Sample ID:	VY0428SBS01	SDG No.:	Q1889
Lab Sample ID:	VY0428SBS01	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
VY022023.D	1		04/28/25 11:40	VY042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	19.9		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.6		0.93	5.00	ug/Kg
71-43-2	Benzene	21.0		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.8		0.81	5.00	ug/Kg
108-88-3	Toluene	21.1		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.0		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	61.4		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	19.5		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.5		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	51.9		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		38 - 136	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	289000	7.707			
540-36-3	1,4-Difluorobenzene	452000	8.616			
3114-55-4	Chlorobenzene-d5	415000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	223000	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:	VY0428SBSD01	SDG No.:	Q1889
Lab Sample ID:	VY0428SBSD01	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
VY022024.D	1		04/28/25 12:02	VY042825

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	20.2		0.93	5.00	ug/Kg
71-43-2	Benzene	20.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
108-88-3	Toluene	20.7		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.7		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	60.3		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	19.5		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.0		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	50.3		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		38 - 136	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	304000	7.707			
540-36-3	1,4-Difluorobenzene	467000	8.616			
3114-55-4	Chlorobenzene-d5	430000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	229000	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

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.: Q1889 SAS No.: Q1889 SDG No.: Q1889

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.: Q1889 SAS No.: Q1889 SDG No.: Q1889

Instrument ID: MSVOA_Y Calibration Date/Time: 04/28/2025 09:59

Lab File ID: VY022021.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	0.571		-8.2	20
1,1,1-Trichloroethane	0.896	0.830		-7.37	20
Benzene	1.387	1.363		-1.73	20
Trichloroethene	0.384	0.372		-3.13	20
Toluene	0.898	0.912		1.56	20
Ethyl Benzene	1.829	1.803		-1.42	20
m/p-Xylenes	0.728	0.739		1.51	20
o-Xylene	0.671	0.674		0.45	20
Isopropylbenzene	3.341	3.228		-3.38	20
1,2-Dichloroethane-d4	0.462	0.422		-8.66	20
Dibromofluoromethane	0.330	0.326		-1.21	20
Toluene-d8	1.245	1.244		-0.08	20
4-Bromofluorobenzene	0.419	0.422		0.72	20

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

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LAB CHRONICLE

OrderID:	Q1889	**OrderDate:**	4/25/2025 11:06:00 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
Q1889-01	**COMP-1**	**SOIL**			**04/24/25**			**04/25/25**
			SVOCMS Group1	8270E		04/28/25	04/28/25	
Q1889-02	**COMP-2**	**SOIL**			**04/24/25**			**04/25/25**
			SVOCMS Group1	8270E		04/28/25	04/30/25	
Q1889-03	**COMP-3**	**SOIL**			**04/24/25**			**04/25/25**
			SVOCMS Group1	8270E		04/28/25	04/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1889

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:	04/24/25
Project:	Mitchell School			Date Received:	04/25/25
Client Sample ID:	COMP-1			SDG No.:	Q1889
Lab Sample ID:	Q1889-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	82.5
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024441.D	1	04/28/25 09:45	04/28/25 17:43	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.5	U	27.5	210	ug/Kg
86-73-7	Fluorene	30.6	U	30.6	210	ug/Kg
85-01-8	Phenanthrene	25.3	U	25.3	210	ug/Kg
120-12-7	Anthracene	40.3	U	40.3	210	ug/Kg
129-00-0	Pyrene	43.5	U	43.5	210	ug/Kg
56-55-3	Benzo(a)anthracene	27.8	U	27.8	210	ug/Kg
218-01-9	Chrysene	24.1	U	24.1	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.0	U	23.0	210	ug/Kg
50-32-8	Benzo(a)pyrene	35.7	U	35.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.2	U	35.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.1	U	31.1	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	80.6		18 - 107	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.4		20 - 109	75%	SPK: 100
1718-51-0	Terphenyl-d14	81.9		10 - 105	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	128000	7.716			
1146-65-2	Naphthalene-d8	497000	10.486			
15067-26-2	Acenaphthene-d10	310000	14.345			
1517-22-2	Phenanthrene-d10	650000	17.139			
1719-03-5	Chrysene-d12	795000	21.58			
1520-96-3	Perylene-d12	975000	24.921			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	04/24/25
Project:	Mitchell School			Date Received:	04/25/25
Client Sample ID:	COMP-1			SDG No.:	Q1889
Lab Sample ID:	Q1889-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	82.5
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024441.D	1	04/28/25 09:45	04/28/25 17:43	PB167767

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:	04/24/25
Project:	Mitchell School			Date Received:	04/25/25
Client Sample ID:	COMP-2			SDG No.:	Q1889
Lab Sample ID:	Q1889-02			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	80.5
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
BM050049.D	1	04/28/25 09:45	04/30/25 17:23	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	28.2	U	28.2	210	ug/Kg
86-73-7	Fluorene	31.4	U	31.4	210	ug/Kg
85-01-8	Phenanthrene	25.9	U	25.9	210	ug/Kg
120-12-7	Anthracene	41.3	U	41.3	210	ug/Kg
129-00-0	Pyrene	44.7	U	44.7	210	ug/Kg
56-55-3	Benzo(a)anthracene	28.6	U	28.6	210	ug/Kg
218-01-9	Chrysene	24.7	U	24.7	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.6	U	23.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	36.6	U	36.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36.1	U	36.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.9	U	31.9	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	57.1		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.9		20 - 109	52%	SPK: 100
1718-51-0	Terphenyl-d14	59.5		10 - 105	60%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	252000	7.763			
1146-65-2	Naphthalene-d8	895000	10.563			
15067-26-2	Acenaphthene-d10	606000	14.41			
1517-22-2	Phenanthrene-d10	1170000	17.157			
1719-03-5	Chrysene-d12	1110000	21.398			
1520-96-3	Perylene-d12	1170000	24.397			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	04/24/25
Project:	Mitchell School			Date Received:	04/25/25
Client Sample ID:	COMP-2			SDG No.:	Q1889
Lab Sample ID:	Q1889-02			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	80.5
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
BM050049.D	1	04/28/25 09:45	04/30/25 17:23	PB167767

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:	04/24/25
Project:	Mitchell School			Date Received:	04/25/25
Client Sample ID:	COMP-3			SDG No.:	Q1889
Lab Sample ID:	Q1889-03			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	80.7
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
BP024442.D	1	04/28/25 09:45	04/28/25 18:24	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	28.1	U	28.1	210	ug/Kg
86-73-7	Fluorene	31.3	U	31.3	210	ug/Kg
85-01-8	Phenanthrene	25.9	U	25.9	210	ug/Kg
120-12-7	Anthracene	41.2	U	41.2	210	ug/Kg
129-00-0	Pyrene	44.6	U	44.6	210	ug/Kg
56-55-3	Benzo(a)anthracene	28.5	U	28.5	210	ug/Kg
218-01-9	Chrysene	24.6	U	24.6	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.5	U	23.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	36.5	U	36.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36.0	U	36.0	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.8	U	31.8	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	90.6		18 - 107	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.3		20 - 109	89%	SPK: 100
1718-51-0	Terphenyl-d14	88.2		10 - 105	88%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	149000	7.716			
1146-65-2	Naphthalene-d8	601000	10.487			
15067-26-2	Acenaphthene-d10	389000	14.345			
1517-22-2	Phenanthrene-d10	812000	17.145			
1719-03-5	Chrysene-d12	931000	21.586			
1520-96-3	Perylene-d12	1110000	24.921			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	04/24/25
Project:	Mitchell School			Date Received:	04/25/25
Client Sample ID:	COMP-3			SDG No.:	Q1889
Lab Sample ID:	Q1889-03			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	80.7
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
BP024442.D	1	04/28/25 09:45	04/28/25 18:24	PB167767

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.: Q1889

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167767BL	PB167767BL	Nitrobenzene-d5	100	82.3	82		18	107
		2-Fluorobiphenyl	100	80.5	81		20	109
		Terphenyl-d14	100	95.0	95		10	105
PB167767BS	PB167767BS	Nitrobenzene-d5	100	82.1	82		18	107
		2-Fluorobiphenyl	100	82.1	82		20	109
		Terphenyl-d14	100	84.5	84		10	105
Q1889-01	COMP-1	Nitrobenzene-d5	100	80.6	81		18	107
		2-Fluorobiphenyl	100	75.4	75		20	109
		Terphenyl-d14	100	81.9	82		10	105
Q1889-02	COMP-2	Nitrobenzene-d5	100	57.1	57		18	107
		2-Fluorobiphenyl	100	51.9	52		20	109
		Terphenyl-d14	100	59.5	60		10	105
Q1889-02MS	COMP-2MS	Nitrobenzene-d5	100	48.4	48		18	107
		2-Fluorobiphenyl	100	44.7	45		20	109
		Terphenyl-d14	100	43.4	43		10	105
Q1889-02MSD	COMP-2MSD	Nitrobenzene-d5	100	48.9	49		18	107
		2-Fluorobiphenyl	100	45.8	46		20	109
		Terphenyl-d14	100	44.9	45		10	105
Q1889-03	COMP-3	Nitrobenzene-d5	100	90.6	91		18	107
		2-Fluorobiphenyl	100	89.3	89		20	109
		Terphenyl-d14	100	88.2	88		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1889

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: Q1889-02MS		**Client Sample ID: COMP-2MS**						**DataFile: BM050050.D**			
Naphthalene	2100	0	1500	ug/Kg	71	*			72	110	
Fluorene	2100	0	1500	ug/Kg	71				68	116	
Phenanthrene	2100	0	1600	ug/Kg	76				52	128	
Anthracene	2100	0	1500	ug/Kg	71				62	124	
Pyrene	2100	0	1500	ug/Kg	71				26	142	
Benzo(a)anthracene	2100	0	1500	ug/Kg	71				71	114	
Chrysene	2100	0	1500	ug/Kg	71				57	121	
Benzo(b)fluoranthene	2100	0	1500	ug/Kg	71				67	121	
Benzo(a)pyrene	2100	0	1500	ug/Kg	71				70	142	
Indeno(1,2,3-cd)pyrene	2100	0	1600	ug/Kg	76				40	129	
Benzo(g,h,i)perylene	2100	0	1700	ug/Kg	81				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1889

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: Q1889-02MSD		**Client Sample ID:** COMP-2MSD						**DataFile:**	BM050051.D		
Naphthalene	2100	0	1500	ug/Kg	71	*	0		72	110	20
Fluorene	2100	0	1600	ug/Kg	76		7		68	116	20
Phenanthrene	2100	0	1600	ug/Kg	76		0		52	128	20
Anthracene	2100	0	1600	ug/Kg	76		7		62	124	20
Pyrene	2100	0	1500	ug/Kg	71		0		26	142	20
Benzo(a)anthracene	2100	0	1600	ug/Kg	76		7		71	114	20
Chrysene	2100	0	1600	ug/Kg	76		7		57	121	20
Benzo(b)fluoranthene	2100	0	1500	ug/Kg	71		0		67	121	20
Benzo(a)pyrene	2100	0	1600	ug/Kg	76		7		70	142	20
Indeno(1,2,3-cd)pyrene	2100	0	1700	ug/Kg	81		6		40	129	20
Benzo(g,h,i)perylene	2100	0	1700	ug/Kg	81		0		24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1889

Client: Kleinfelder

Analytical Method: 8270E **DataFile:** BM050056.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167767BS	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	1500	ug/Kg	88				59	103	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				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	1700	ug/Kg	100				63	101	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167767BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

Lab File ID: BM050055.D Lab Sample ID: PB167767BL

Instrument ID: BNA_M Date Extracted: 04/28/2025

Matrix: (soil/water) SOIL Date Analyzed: 04/30/2025

Level: (low/med) LOW Time Analyzed: 21:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167767BS	PB167767BS	BM050056.D	04/30/2025
COMP-2	Q1889-02	BM050049.D	04/30/2025
COMP-2MS	Q1889-02MS	BM050050.D	04/30/2025
COMP-2MSD	Q1889-02MSD	BM050051.D	04/30/2025
COMP-1	Q1889-01	BP024441.D	04/28/2025
COMP-3	Q1889-03	BP024442.D	04/28/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q1889 SDG NO.: Q1889

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.: Q1889 SDG NO.: Q1889

Lab File ID: BM050041.D DFTPP Injection Date: 04/30/2025

Instrument ID: BNA_M DFTPP Injection Time: 10:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.7
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	27.1
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	34.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	78.4
443	15.0 - 24.0% of mass 442	15.2 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050042.D	04/30/2025	10:53
COMP-2	Q1889-02	BM050049.D	04/30/2025	17:23
COMP-2MS	Q1889-02MS	BM050050.D	04/30/2025	18:02
COMP-2MSD	Q1889-02MSD	BM050051.D	04/30/2025	18:41

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q1889 SDG NO.: Q1889

Lab File ID: BM050053.D DFTPP Injection Date: 04/30/2025

Instrument ID: BNA_M DFTPP Injection Time: 20:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.6
68	Less than 2.0% of mass 69	0.4 (1.5) 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	34.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	84.6
443	15.0 - 24.0% of mass 442	16.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050054.D	04/30/2025	21:18
PB167767BL	PB167767BL	BM050055.D	04/30/2025	21:57
PB167767BS	PB167767BS	BM050056.D	04/30/2025	22:36

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q1889 SDG NO.: Q1889

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

Instrument ID: BNA_P DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	99.1
443	15.0 - 24.0% of mass 442	19.2 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP024275.D	04/14/2025	11:06
SSTDICC005	SSTDICC005	BP024276.D	04/14/2025	11:47
SSTDICC010	SSTDICC010	BP024277.D	04/14/2025	12:27
SSTDICC020	SSTDICC020	BP024278.D	04/14/2025	13:08
SSTDICCC040	SSTDICCC040	BP024279.D	04/14/2025	13:49
SSTDICC050	SSTDICC050	BP024280.D	04/14/2025	15:10
SSTDICC060	SSTDICC060	BP024281.D	04/14/2025	16:32
SSTDICC080	SSTDICC080	BP024282.D	04/14/2025	17:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM SAS No.: Q1889 SDG NO.: Q1889

Lab File ID: BP024434.D DFTPP Injection Date: 04/28/2025

Instrument ID: BNA_P DFTPP Injection Time: 12:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	17.1
68	Less than 2.0% of mass 69	0.4 (1.9) 1
69	Mass 69 relative abundance	19.4
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	29.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.5
275	10.0 - 60.0% of mass 198	23
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.5
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	BP024435.D	04/28/2025	13:34
COMP-1	Q1889-01	BP024441.D	04/28/2025	17:43
COMP-3	Q1889-03	BP024442.D	04/28/2025	18:24

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2025

Lab File ID: BM050042.D Time Analyzed: 10:53

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	265682	7.763	955212	10.56	612937	14.41
	UPPER LIMIT	531364	8.263	1910420	11.057	1225870	14.91
	LOWER LIMIT	132841	7.263	477606	10.057	306469	13.91
	EPA SAMPLE NO.						
01	COMP-2	252068	7.76	894770	10.56	606447	14.41
02	COMP-2MS	260053	7.76	924881	10.56	580714	14.41
03	COMP-2MSD	268621	7.76	952202	10.56	594823	14.40

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.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2025

Lab File ID: BM050042.D Time Analyzed: 10:53

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	1168550	17.157	1113700	21.398	1051340	24.397
	UPPER LIMIT	2337100	17.657	2227400	21.898	2102680	24.897
	LOWER LIMIT	584275	16.657	556850	20.898	525670	23.897
	EPA SAMPLE NO.						
01	COMP-2	1171430	17.16	1105910	21.40	1173850	24.40
02	COMP-2MS	1072390	17.15	1080300	21.39	1082310	24.39
03	COMP-2MSD	1087320	17.15	1064600	21.39	1079590	24.39

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.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2025

Lab File ID: BM050054.D Time Analyzed: 21:18

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	250618	7.763	921090	10.56	604340	14.40
	UPPER LIMIT	501236	8.263	1842180	11.057	1208680	14.904
	LOWER LIMIT	125309	7.263	460545	10.057	302170	13.904
	EPA SAMPLE NO.						
01	PB167767BL	259374	7.76	884512	10.56	572177	14.41
02	PB167767BS	260866	7.76	920346	10.56	574035	14.40

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.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2025

Lab File ID: BM050054.D Time Analyzed: 21:18

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	1166690	17.151	1168650	21.392	1090580	24.391
	UPPER LIMIT	2333380	17.651	2337300	21.892	2181160	24.891
	LOWER LIMIT	583345	16.651	584325	20.892	545290	23.891
	EPA SAMPLE NO.						
01	PB167767BL	1034360	17.16	891779	21.40	972695	24.40
02	PB167767BS	1043100	17.15	1009740	21.39	991820	24.39

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.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/28/2025

Lab File ID: BP024435.D Time Analyzed: 13:34

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	161036	7.716	671932	10.49	431586	14.34
	UPPER LIMIT	322072	8.216	1343860	10.987	863172	14.839
	LOWER LIMIT	80518	7.216	335966	9.987	215793	13.839
	EPA SAMPLE NO.						
01	COMP-1	128029	7.72	497170	10.49	310490	14.35
02	COMP-3	149345	7.72	600913	10.49	389381	14.35

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/28/2025

Lab File ID: BP024435.D Time Analyzed: 13:34

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	867570	17.133	940210	21.586	1126850	24.939
	UPPER LIMIT	1735140	17.633	1880420	22.086	2253700	25.439
	LOWER LIMIT	433785	16.633	470105	21.086	563425	24.439
	EPA SAMPLE NO.						
01	COMP-1	649943	17.14	794953	21.58	974820	24.92
02	COMP-3	812016	17.15	931215	21.59	1106840	24.92

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

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

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

QC SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Mitchell School			Date Received:	
Client Sample ID:	PB167767BL			SDG No.:	Q1889
Lab Sample ID:	PB167767BL			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050055.D	1	04/28/25 09:45	04/30/25 21:57	PB167767

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	82.3		18 - 107	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.5		20 - 109	81%	SPK: 100
1718-51-0	Terphenyl-d14	95.0		10 - 105	95%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	259000	7.763			
1146-65-2	Naphthalene-d8	885000	10.557			
15067-26-2	Acenaphthene-d10	572000	14.41			
1517-22-2	Phenanthrene-d10	1030000	17.157			
1719-03-5	Chrysene-d12	892000	21.398			
1520-96-3	Perylene-d12	973000	24.398			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Mitchell School			Date Received:	
Client Sample ID:	PB167767BL			SDG No.:	Q1889
Lab Sample ID:	PB167767BL			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050055.D	1	04/28/25 09:45	04/30/25 21:57	PB167767

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:	PB167767BS			SDG No.:	Q1889
Lab Sample ID:	PB167767BS			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
BM050056.D	1	04/28/25 09:45	04/30/25 22:36	PB167767

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	1500		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1600		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	1700		29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	82.1		18 - 107	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.1		20 - 109	82%	SPK: 100
1718-51-0	Terphenyl-d14	84.5		10 - 105	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	261000	7.763			
1146-65-2	Naphthalene-d8	920000	10.557			
15067-26-2	Acenaphthene-d10	574000	14.404			
1517-22-2	Phenanthrene-d10	1040000	17.151			
1719-03-5	Chrysene-d12	1010000	21.391			
1520-96-3	Perylene-d12	992000	24.391			

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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Mitchell School			Date Received:	
Client Sample ID:	PB167767BS			SDG No.:	Q1889
Lab Sample ID:	PB167767BS			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
BM050056.D	1	04/28/25 09:45	04/30/25 22:36	PB167767

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:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-2MS	SDG No.:	Q1889
Lab Sample ID:	Q1889-02MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	80.5
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
BM050050.D	1	04/28/25 09:45	04/30/25 18:02	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1500		28.1	210	ug/Kg
86-73-7	Fluorene	1500		31.3	210	ug/Kg
85-01-8	Phenanthrene	1600		25.9	210	ug/Kg
120-12-7	Anthracene	1500		41.3	210	ug/Kg
129-00-0	Pyrene	1500		44.6	210	ug/Kg
56-55-3	Benzo(a)anthracene	1500		28.5	210	ug/Kg
218-01-9	Chrysene	1500		24.7	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		23.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	1500		36.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		36.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		31.8	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	48.4		18 - 107	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.7		20 - 109	45%	SPK: 100
1718-51-0	Terphenyl-d14	43.4		10 - 105	43%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	260000	7.763			
1146-65-2	Naphthalene-d8	925000	10.557			
15067-26-2	Acenaphthene-d10	581000	14.41			
1517-22-2	Phenanthrene-d10	1070000	17.151			
1719-03-5	Chrysene-d12	1080000	21.392			
1520-96-3	Perylene-d12	1080000	24.391			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	04/24/25
Project:	Mitchell School			Date Received:	04/25/25
Client Sample ID:	COMP-2MS			SDG No.:	Q1889
Lab Sample ID:	Q1889-02MS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	80.5
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
BM050050.D	1	04/28/25 09:45	04/30/25 18:02	PB167767

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
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J = Estimated Value
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N = Presumptive Evidence of a Compound
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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-2MSD	SDG No.:	Q1889
Lab Sample ID:	Q1889-02MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	80.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050051.D	1	04/28/25 09:45	04/30/25 18:41	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1500		28.2	210	ug/Kg
86-73-7	Fluorene	1600		31.4	210	ug/Kg
85-01-8	Phenanthrene	1600		25.9	210	ug/Kg
120-12-7	Anthracene	1600		41.3	210	ug/Kg
129-00-0	Pyrene	1500		44.6	210	ug/Kg
56-55-3	Benzo(a)anthracene	1600		28.5	210	ug/Kg
218-01-9	Chrysene	1600		24.7	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		23.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	1600		36.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		36.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		31.9	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	48.9		18 - 107	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.8		20 - 109	46%	SPK: 100
1718-51-0	Terphenyl-d14	44.9		10 - 105	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	269000	7.763			
1146-65-2	Naphthalene-d8	952000	10.557			
15067-26-2	Acenaphthene-d10	595000	14.404			
1517-22-2	Phenanthrene-d10	1090000	17.151			
1719-03-5	Chrysene-d12	1060000	21.391			
1520-96-3	Perylene-d12	1080000	24.391			

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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder			Date Collected:	04/24/25
Project:	Mitchell School			Date Received:	04/25/25
Client Sample ID:	COMP-2MSD			SDG No.:	Q1889
Lab Sample ID:	Q1889-02MSD			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	80.5
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050051.D	1	04/28/25 09:45	04/30/25 18:41	PB167767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
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CALIBRATION SUMMARY

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

Response Factor Report MSBNA_P

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

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

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

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

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

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

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

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1889 SAS No.: Q1889 SDG No.: Q1889

Instrument ID: BNA_M Calibration Date/Time: 04/30/2025 10:53

Lab File ID: BM050042.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	1.244		8.9	
Phenol-d6	1.436	1.560		8.6	
Nitrobenzene-d5	0.406	0.448		10.3	
Naphthalene	1.013	1.079		6.5	
2-Fluorobiphenyl	1.691	1.888		11.6	
Fluorene	1.463	1.567		7.1	
2,4,6-Tribromophenol	0.296	0.313		5.7	
Phenanthrene	1.128	1.211		7.4	
Anthracene	1.142	1.231		7.8	
Pyrene	1.404	1.511		7.6	
Terphenyl-d14	1.352	1.573		16.3	
Benzo(a)anthracene	1.377	1.474		7.0	
Chrysene	1.275	1.358		6.5	
Benzo(b)fluoranthene	1.301	1.410		8.4	
Benzo(a)pyrene	1.218	1.291		6.0	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.594		7.0	
Benzo(g,h,i)perylene	1.163	1.223		5.2	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1889 SAS No.: Q1889 SDG No.: Q1889

Instrument ID: BNA_M Calibration Date/Time: 04/30/2025 21:18

Lab File ID: BM050054.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	1.246		9.1	
Phenol-d6	1.436	1.604		11.7	
Nitrobenzene-d5	0.406	0.459		13.1	
Naphthalene	1.013	1.080		6.6	
2-Fluorobiphenyl	1.691	1.901		12.4	
Fluorene	1.463	1.626		11.1	
2,4,6-Tribromophenol	0.296	0.320		8.1	
Phenanthrene	1.128	1.232		9.2	
Anthracene	1.142	1.257		10.1	
Pyrene	1.404	1.495		6.5	
Terphenyl-d14	1.352	1.595		18.0	
Benzo(a)anthracene	1.377	1.497		8.7	
Chrysene	1.275	1.357		6.4	
Benzo(b)fluoranthene	1.301	1.405		8.0	
Benzo(a)pyrene	1.218	1.312		7.7	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.617		8.5	
Benzo(g,h,i)perylene	1.163	1.252		7.7	

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.: Q1889 SAS No.: Q1889 SDG No.: Q1889

Instrument ID: BNA_P Calibration Date/Time: 04/28/2025 13:34

Lab File ID: BP024435.D Init. Calib. Date(s): 04/14/2025 04/14/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.210	1.170		-3.3	
Phenol-d6	1.656	1.549		-6.5	
Nitrobenzene-d5	0.351	0.342		-2.6	
Naphthalene	1.054	1.023		-2.9	
2-Fluorobiphenyl	1.306	1.302		-0.3	
Fluorene	1.388	1.382		-0.4	
2,4,6-Tribromophenol	0.277	0.324		17.0	
Phenanthrene	1.091	1.036		-5.0	
Anthracene	1.052	1.045		-0.7	
Pyrene	1.271	1.189		-6.5	
Terphenyl-d14	0.992	1.012		2.0	
Benzo(a)anthracene	1.243	1.225		-1.4	
Chrysene	1.191	1.153		-3.2	
Benzo(b)fluoranthene	1.199	1.145		-4.5	
Benzo(a)pyrene	1.034	1.008		-2.5	20.0
Indeno(1,2,3-cd)pyrene	1.388	1.374		-1.0	
Benzo(g,h,i)perylene	1.173	1.144		-2.5	

All other compounds must meet a minimum RRF of 0.010.

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LAB CHRONICLE

OrderID:	Q1889	**OrderDate:**	4/25/2025 11:06:00 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
Q1889-01	**COMP-1**	**SOIL**			**04/24/25**			**04/25/25**
			PESTICIDE Group1	8081B		04/28/25	04/28/25	
Q1889-02	**COMP-2**	**SOIL**			**04/24/25**			**04/25/25**
			PESTICIDE Group1	8081B		04/28/25	04/28/25	
Q1889-03	**COMP-3**	**SOIL**			**04/24/25**			**04/25/25**
			PESTICIDE Group1	8081B		04/28/25	04/28/25	

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q1889 **Order ID:** Q1889

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

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:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-1	SDG No.:	Q1889
Lab Sample ID:	Q1889-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.5 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
PL095443.D	1	04/28/25 09:05	04/28/25 17:08	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.15	U	0.15	2.10	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.10	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.10	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.10	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.7		20 - 144	94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		19 - 148	95%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-2	SDG No.:	Q1889
Lab Sample ID:	Q1889-02	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	80.5 Decanted:
Sample Wt/Vol:	30.05 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
PL095446.D	1	04/28/25 09:05	04/28/25 17:49	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.15	U	0.15	2.10	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.10	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.10	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	2.10	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		20 - 144	101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		19 - 148	102%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-3	SDG No.:	Q1889
Lab Sample ID:	Q1889-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	80.7 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
PL095447.D	1	04/28/25 09:05	04/28/25 18:03	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.15	U	0.15	2.10	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.10	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.10	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	2.10	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.9		20 - 144	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.5		19 - 148	103%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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Surrogate Summary

SDG No.: Q1889

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL095326.D	PIBLK-PL095326.D	Decachlorobiphenyl	1	20	18.9	94		43	140
		Tetrachloro-m-xylene	1	20	17.3	87		77	126
		Decachlorobiphenyl	2	20	18.2	91		43	140
		Tetrachloro-m-xylene	2	20	17.1	86		77	126
I.BLK-PL095438.D	PIBLK-PL095438.D	Decachlorobiphenyl	1	20	22.9	114		43	140
		Tetrachloro-m-xylene	1	20	18.6	93		77	126
		Decachlorobiphenyl	2	20	21.7	109		43	140
		Tetrachloro-m-xylene	2	20	17.7	89		77	126
PB167766BS	PB167766BS	Decachlorobiphenyl	1	20	23.6	118		20	144
		Tetrachloro-m-xylene	1	20	20.7	104		19	148
		Decachlorobiphenyl	2	20	23.8	119		20	144
		Tetrachloro-m-xylene	2	20	20.8	104		19	148
Q1889-01	COMP-1	Decachlorobiphenyl	1	20	18.7	94		20	144
		Tetrachloro-m-xylene	1	20	18.9	95		19	148
		Decachlorobiphenyl	2	20	18.6	93		20	144
		Tetrachloro-m-xylene	2	20	18.7	94		19	148
Q1889-01MS	COMP-1MS	Decachlorobiphenyl	1	20	17.6	88		20	144
		Tetrachloro-m-xylene	1	20	18.1	90		19	148
		Decachlorobiphenyl	2	20	17.8	89		20	144
		Tetrachloro-m-xylene	2	20	18.4	92		19	148
Q1889-01MSD	COMP-1MSD	Decachlorobiphenyl	1	20	17.4	87		20	144
		Tetrachloro-m-xylene	1	20	17.9	90		19	148
		Decachlorobiphenyl	2	20	17.1	86		20	144
		Tetrachloro-m-xylene	2	20	18.0	90		19	148
Q1889-02	COMP-2	Decachlorobiphenyl	1	20	20.1	101		20	144
		Tetrachloro-m-xylene	1	20	19.6	98		19	148
		Decachlorobiphenyl	2	20	20.1	101		20	144
		Tetrachloro-m-xylene	2	20	20.4	102		19	148
Q1889-03	COMP-3	Decachlorobiphenyl	1	20	21.5	107		20	144
		Tetrachloro-m-xylene	1	20	20.0	100		19	148
		Decachlorobiphenyl	2	20	21.9	110		20	144
		Tetrachloro-m-xylene	2	20	20.5	103		19	148
I.BLK-PL095450.D	PIBLK-PL095450.D	Decachlorobiphenyl	1	20	21.2	106		43	140
		Tetrachloro-m-xylene	1	20	18.5	93		77	126
		Decachlorobiphenyl	2	20	21.8	109		43	140
		Tetrachloro-m-xylene	2	20	19.0	95		77	126
I.BLK-PL095473.D	PIBLK-PL095473.D	Decachlorobiphenyl	1	20	22.2	111		43	140
		Tetrachloro-m-xylene	1	20	18.9	95		77	126
		Decachlorobiphenyl	2	20	21.0	105		43	140
		Tetrachloro-m-xylene	2	20	18.1	91		77	126
PB167766BL	PB167766BL	Decachlorobiphenyl	1	20	21.5	107		20	144

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Surrogate Summary

SDG No.: Q1889

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
PB167766BL	PB167766BL	Tetrachloro-m-xylene	1	20	19.4	97		19	148
		Decachlorobiphenyl	2	20	20.9	105		20	144
		Tetrachloro-m-xylene	2	20	18.4	92		19	148
I.BLK-PL095483.D	PIBLK-PL095483.D	Decachlorobiphenyl	1	20	22.9	115		43	140
		Tetrachloro-m-xylene	1	20	19.1	96		77	126
		Decachlorobiphenyl	2	20	21.8	109		43	140
		Tetrachloro-m-xylene	2	20	21.8	109		77	126

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1889

Client: Kleinfelder

Analytical Method: 8081B **DataFile :** PL095444.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**COMP-1MS**											
Q1889-01MS	Aldrin	20.18	0	20.3	ug/kg	101				49	139	
	Dieldrin	20.18	0	21.2	ug/kg	105				47	161	
	4,4'-DDE	20.18	0	21.1	ug/kg	105				55	136	
	4,4'-DDD	20.18	0	23.1	ug/kg	114				47	163	
	4,4'-DDT	20.18	0	21.3	ug/kg	106				51	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1889

Client: Kleinfelder

Analytical Method: 8081B **DataFile :** PL095445.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**COMP-1MSD**											
Q1889-01MSD	Aldrin	20.17	0	20.1	ug/kg	100		1		49	139	20
	Dieldrin	20.17	0	21.0	ug/kg	104		1		47	161	20
	4,4'-DDE	20.17	0	20.8	ug/kg	103		2		55	136	20
	4,4'-DDD	20.17	0	22.8	ug/kg	113		1		47	163	20
	4,4'-DDT	20.17	0	20.9	ug/kg	104		2		51	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1889

Client: Kleinfelder

Analytical Method: 8081B **Datafile :** PL095442.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167766BS	Aldrin	16.65	17.4	ug/kg	105				82	124	
	Dieldrin	16.65	18.4	ug/kg	111				85	121	
	4,4'-DDE	16.65	18.1	ug/kg	109				81	123	
	4,4'-DDD	16.65	19.6	ug/kg	118				80	131	
	4,4'-DDT	16.65	18.7	ug/kg	112				70	129	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167766BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

Lab Sample ID: PB167766BL Lab File ID: PL095478.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 04/28/2025

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

Time Analyzed (1): 14:42 Time Analyzed (2): 14:42

Instrument ID (1): ECD_L Instrument ID (2): ECD_L

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
PB167766BS	PB167766BS	PL095442.D	04/28/2025	04/28/2025
COMP-1	Q1889-01	PL095443.D	04/28/2025	04/28/2025
COMP-1MS	Q1889-01MS	PL095444.D	04/28/2025	04/28/2025
COMP-1MSD	Q1889-01MSD	PL095445.D	04/28/2025	04/28/2025
COMP-2	Q1889-02	PL095446.D	04/28/2025	04/28/2025
COMP-3	Q1889-03	PL095447.D	04/28/2025	04/28/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Mitchell School	Date Received:	
Client Sample ID:	PB167766BL	SDG No.:	Q1889
Lab Sample ID:	PB167766BL	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
PL095478.D	1	04/28/25 09:05	04/29/25 14:42	PB167766

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	21.5		20 - 144	107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		19 - 148	97%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/23/25
Project:	Mitchell School	Date Received:	04/23/25
Client Sample ID:	PIBLK-PL095326.D	SDG No.:	Q1889
Lab Sample ID:	I.BLK-PL095326.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
PL095326.D	1		04/23/25	pl042325

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	18.9		43 - 140	94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.3		77 - 126	87%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/28/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	PIBLK-PL095438.D	SDG No.:	Q1889
Lab Sample ID:	I.BLK-PL095438.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
PL095438.D	1		04/28/25	pl043025

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	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		77 - 126	93%	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:	PIBLK-PL095450.D	SDG No.:	Q1889
Lab Sample ID:	I.BLK-PL095450.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
PL095450.D	1		04/28/25	pl043025

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	21.8		43 - 140	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		77 - 126	95%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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-PL095473.D	SDG No.:	Q1889
Lab Sample ID:	I.BLK-PL095473.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
PL095473.D	1		04/29/25	pl050225

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	22.2		43 - 140	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		77 - 126	95%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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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-PL095483.D	SDG No.:	Q1889
Lab Sample ID:	I.BLK-PL095483.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
PL095483.D	1		04/29/25	pl050225

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	21.8		77 - 126	109%	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:	PB167766BS	SDG No.:	Q1889
Lab Sample ID:	PB167766BS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 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
PL095442.D	1	04/28/25 09:05	04/28/25 16:49	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	17.4		0.12	1.70	ug/kg
60-57-1	Dieldrin	18.4		0.14	1.70	ug/kg
72-55-9	4,4-DDE	18.1		0.14	1.70	ug/kg
72-54-8	4,4-DDD	19.6		0.15	1.70	ug/kg
50-29-3	4,4-DDT	18.7		0.14	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.8		20 - 144	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.8		19 - 148	104%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-1MS	SDG No.:	Q1889
Lab Sample ID:	Q1889-01MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.5 Decanted:
Sample Wt/Vol:	30.03 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
PL095444.D	1	04/28/25 09:05	04/28/25 17:22	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	20.3		0.15	2.10	ug/kg
60-57-1	Dieldrin	21.2		0.17	2.10	ug/kg
72-55-9	4,4-DDE	21.1		0.17	2.10	ug/kg
72-54-8	4,4-DDD	23.1		0.18	2.10	ug/kg
50-29-3	4,4-DDT	21.3		0.17	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.8		20 - 144	89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.4		19 - 148	92%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-1MSD	SDG No.:	Q1889
Lab Sample ID:	Q1889-01MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.5 Decanted:
Sample Wt/Vol:	30.05 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
PL095445.D	1	04/28/25 09:05	04/28/25 17:36	PB167766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	20.1		0.15	2.10	ug/kg
60-57-1	Dieldrin	21.0		0.17	2.10	ug/kg
72-55-9	4,4-DDE	20.8		0.17	2.10	ug/kg
72-54-8	4,4-DDD	22.8		0.18	2.10	ug/kg
50-29-3	4,4-DDT	20.9		0.17	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.4		20 - 144	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.0		19 - 148	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

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Instrument ID: ECD_L **Calibration Date(s):** 04/23/2025 04/23/2025

Calibration Times: 11:31 12:26

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

LAB FILE ID: RT 100 = PL095329.D RT 075 = PL095330.D

RT 050 = PL095331.D RT 025 = PL095332.D RT 005 = PL095333.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
4,4'-DDE	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
4,4'-DDT	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aldrin	5.32	5.32	5.32	5.32	5.32	5.32	5.22	5.42
Decachlorobiphenyl	9.12	9.12	9.12	9.12	9.12	9.12	9.02	9.22
Dieldrin	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Tetrachloro-m-xylene	3.60	3.60	3.60	3.60	3.60	3.60	3.50	3.70

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Instrument ID: ECD_L **Calibration Date(s):** 04/23/2025 04/23/2025

Calibration Times: 11:31 12:26

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

LAB FILE ID: RT 100 = PL095329.D RT 075 = PL095330.D

RT 050 = PL095331.D RT 025 = PL095332.D RT 005 = PL095333.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	5.95	5.95	5.95	5.95	5.95	5.85	6.05
4,4'-DDE	5.40	5.40	5.40	5.40	5.40	5.40	5.30	5.50
4,4'-DDT	6.20	6.20	6.20	6.20	6.20	6.20	6.10	6.30
Aldrin	4.39	4.39	4.39	4.39	4.39	4.39	4.29	4.49
Decachlorobiphenyl	8.09	8.09	8.09	8.09	8.09	8.09	7.99	8.19
Dieldrin	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Tetrachloro-m-xylene	2.91	2.91	2.91	2.91	2.91	2.91	2.81	3.01

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Instrument ID: ECD_L

Calibration Date(s): 04/23/2025 04/23/2025

Calibration Times: 11:31 12:26

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

LAB FILE ID: **CF 100 =** PL095329.D **CF 075 =** PL095330.D

CF 050 = PL095331.D **CF 025 =** PL095332.D **CF 005 =** PL095333.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2865080000	2820110000	2707400000	2820390000	2941790000	2830960000	3
4,4'-DDE	3926930000	3864370000	3733720000	3923550000	4154180000	3920550000	4
4,4'-DDT	2903290000	2865670000	2760290000	2861180000	2852460000	2848580000	2
Aldrin	4647840000	4586260000	4401320000	4541780000	4787920000	4593020000	3
Decachlorobiphenyl	2647270000	2643130000	2643240000	2821430000	3098960000	2770810000	7
Dieldrin	3906950000	3842890000	3678670000	3851250000	3994310000	3854810000	3
Tetrachloro-m-xylene	3234910000	3230840000	3121140000	3291160000	3445310000	3264670000	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Instrument ID: ECD_L

Calibration Date(s): 04/23/2025 04/23/2025

Calibration Times: 11:31 12:26

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

LAB FILE ID: **CF 100 =** PL095329.D **CF 075 =** PL095330.D

CF 050 = PL095331.D **CF 025 =** PL095332.D **CF 005 =** PL095333.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3451170000	3194300000	3089420000	3267920000	3331160000	3266790000	4
4,4'-DDE	4259410000	3966100000	3865330000	4094560000	4149440000	4066970000	4
4,4'-DDT	3670140000	3377430000	3277310000	3441260000	3414750000	3436180000	4
Aldrin	4336230000	4110670000	3932000000	4090330000	4109170000	4115680000	4
Decachlorobiphenyl	3012930000	2805190000	2819260000	3040170000	3118780000	2959270000	5
Dieldrin	4236430000	3965120000	3821410000	4048720000	4263750000	4067090000	5
Tetrachloro-m-xylene	3206620000	3119570000	3030900000	3186820000	3354850000	3179750000	4

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 16:01 **Initial Calibration Time(s):** 11:31 12:26

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.12	9.12	9.02	9.22	0.00
Tetrachloro-m-xylene	3.59	3.60	3.50	3.70	0.01
Aldrin	5.31	5.32	5.22	5.42	0.01
Dieldrin	6.39	6.40	6.30	6.50	0.01
4,4'-DDE	6.24	6.24	6.14	6.34	0.00
4,4'-DDD	6.75	6.75	6.65	6.85	0.00
4,4'-DDT	7.06	7.07	6.97	7.17	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 16:01 **Initial Calibration Time(s):** 11:31 12:26

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.09	7.99	8.19	0.01
Tetrachloro-m-xylene	2.90	2.91	2.81	3.01	0.01
Aldrin	4.39	4.39	4.29	4.49	0.00
Dieldrin	5.53	5.53	5.43	5.63	0.00
4,4'-DDE	5.39	5.40	5.30	5.50	0.01
4,4'-DDD	5.94	5.95	5.85	6.05	0.01
4,4'-DDT	6.20	6.20	6.10	6.30	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL095440.D **Time Analyzed:** 16:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.748	6.653	6.853	58.710	50.000	17.4
4,4'-DDE	6.239	6.143	6.343	56.090	50.000	12.2
4,4'-DDT	7.064	6.969	7.169	55.970	50.000	11.9
Aldrin	5.314	5.218	5.418	52.060	50.000	4.1
Decachlorobiphenyl	9.116	9.022	9.222	55.670	50.000	11.3
Dieldrin	6.391	6.296	6.496	54.260	50.000	8.5
Tetrachloro-m-xylene	3.593	3.495	3.695	51.230	50.000	2.5

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL095440.D **Time Analyzed:** 16:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.944	5.849	6.049	50.710	50.000	1.4
4,4'-DDE	5.392	5.297	5.497	47.450	50.000	-5.1
4,4'-DDT	6.198	6.104	6.304	42.540	50.000	-14.9
Aldrin	4.386	4.290	4.490	49.990	50.000	0.0
Decachlorobiphenyl	8.083	7.989	8.189	54.680	50.000	9.4
Dieldrin	5.527	5.432	5.632	48.720	50.000	-2.6
Tetrachloro-m-xylene	2.904	2.806	3.006	50.270	50.000	0.5

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 18:58 **Initial Calibration Time(s):** 11:31 12:26

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.11	9.12	9.02	9.22	0.01
Tetrachloro-m-xylene	3.59	3.60	3.50	3.70	0.01
Aldrin	5.31	5.32	5.22	5.42	0.01
Dieldrin	6.39	6.40	6.30	6.50	0.01
4,4'-DDE	6.24	6.24	6.14	6.34	0.00
4,4'-DDD	6.75	6.75	6.65	6.85	0.00
4,4'-DDT	7.06	7.07	6.97	7.17	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 18:58 **Initial Calibration Time(s):** 11:31 12:26

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.09	7.99	8.19	0.01
Tetrachloro-m-xylene	2.90	2.91	2.81	3.01	0.01
Aldrin	4.39	4.39	4.29	4.49	0.00
Dieldrin	5.53	5.53	5.43	5.63	0.00
4,4'-DDE	5.39	5.40	5.30	5.50	0.01
4,4'-DDD	5.94	5.95	5.85	6.05	0.01
4,4'-DDT	6.20	6.20	6.10	6.30	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL095451.D **Time Analyzed:** 18:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.748	6.653	6.853	58.810	50.000	17.6
4,4'-DDE	6.238	6.143	6.343	54.780	50.000	9.6
4,4'-DDT	7.063	6.969	7.169	54.390	50.000	8.8
Aldrin	5.314	5.218	5.418	53.180	50.000	6.4
Decachlorobiphenyl	9.114	9.022	9.222	54.790	50.000	9.6
Dieldrin	6.391	6.296	6.496	55.290	50.000	10.6
Tetrachloro-m-xylene	3.592	3.495	3.695	52.860	50.000	5.7

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL095451.D **Time Analyzed:** 18:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.943	5.849	6.049	55.510	50.000	11.0
4,4'-DDE	5.391	5.297	5.497	53.150	50.000	6.3
4,4'-DDT	6.197	6.104	6.304	51.870	50.000	3.7
Aldrin	4.386	4.290	4.490	54.570	50.000	9.1
Decachlorobiphenyl	8.082	7.989	8.189	56.620	50.000	13.2
Dieldrin	5.526	5.432	5.632	53.280	50.000	6.6
Tetrachloro-m-xylene	2.904	2.806	3.006	54.290	50.000	8.6

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 13:07 **Initial Calibration Time(s):** 11:31 12:26

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.12	9.12	9.02	9.22	0.00
Tetrachloro-m-xylene	3.59	3.60	3.50	3.70	0.01
Aldrin	5.32	5.32	5.22	5.42	0.00
Dieldrin	6.39	6.40	6.30	6.50	0.01
4,4'-DDE	6.24	6.24	6.14	6.34	0.00
4,4'-DDD	6.75	6.75	6.65	6.85	0.00
4,4'-DDT	7.07	7.07	6.97	7.17	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 13:07 **Initial Calibration Time(s):** 11:31 12:26

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.09	7.99	8.19	0.01
Tetrachloro-m-xylene	2.90	2.91	2.81	3.01	0.01
Aldrin	4.39	4.39	4.29	4.49	0.00
Dieldrin	5.53	5.53	5.43	5.63	0.00
4,4'-DDE	5.39	5.40	5.30	5.50	0.01
4,4'-DDD	5.94	5.95	5.85	6.05	0.01
4,4'-DDT	6.20	6.20	6.10	6.30	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

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

Lab Sample No.: PSTDCCC050 **Data File :** PL095475.D **Time Analyzed:** 13:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.750	6.653	6.853	59.620	50.000	19.2
4,4'-DDE	6.240	6.143	6.343	54.050	50.000	8.1
4,4'-DDT	7.065	6.969	7.169	52.560	50.000	5.1
Aldrin	5.316	5.218	5.418	52.020	50.000	4.0
Decachlorobiphenyl	9.118	9.022	9.222	53.870	50.000	7.7
Dieldrin	6.393	6.296	6.496	55.030	50.000	10.1
Tetrachloro-m-xylene	3.594	3.495	3.695	51.720	50.000	3.4

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

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

Lab Sample No.: PSTDCCC050 **Data File :** PL095475.D **Time Analyzed:** 13:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.942	5.849	6.049	51.510	50.000	3.0
4,4'-DDE	5.390	5.297	5.497	48.410	50.000	-3.2
4,4'-DDT	6.196	6.104	6.304	45.710	50.000	-8.6
Aldrin	4.385	4.290	4.490	49.140	50.000	-1.7
Decachlorobiphenyl	8.081	7.989	8.189	53.560	50.000	7.1
Dieldrin	5.525	5.432	5.632	48.570	50.000	-2.9
Tetrachloro-m-xylene	2.903	2.806	3.006	49.110	50.000	-1.8

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 17:42 **Initial Calibration Time(s):** 11:31 12:26

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.12	9.12	9.02	9.22	0.00
Tetrachloro-m-xylene	3.60	3.60	3.50	3.70	0.00
Aldrin	5.32	5.32	5.22	5.42	0.00
Dieldrin	6.40	6.40	6.30	6.50	0.00
4,4'-DDE	6.24	6.24	6.14	6.34	0.00
4,4'-DDD	6.75	6.75	6.65	6.85	0.00
4,4'-DDT	7.07	7.07	6.97	7.17	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 17:42 **Initial Calibration Time(s):** 11:31 12:26

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.09	7.99	8.19	0.01
Tetrachloro-m-xylene	2.91	2.91	2.81	3.01	0.00
Aldrin	4.39	4.39	4.29	4.49	0.00
Dieldrin	5.53	5.53	5.43	5.63	0.00
4,4'-DDE	5.39	5.40	5.30	5.50	0.01
4,4'-DDD	5.95	5.95	5.85	6.05	0.00
4,4'-DDT	6.20	6.20	6.10	6.30	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

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

Lab Sample No.: PSTDCCC050 **Data File :** PL095484.D **Time Analyzed:** 17:42

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.753	6.653	6.853	53.600	50.000	7.2
4,4'-DDE	6.243	6.143	6.343	46.370	50.000	-7.3
4,4'-DDT	7.068	6.969	7.169	43.530	50.000	-12.9
Aldrin	5.318	5.218	5.418	44.960	50.000	-10.1
Decachlorobiphenyl	9.122	9.022	9.222	46.790	50.000	-6.4
Dieldrin	6.396	6.296	6.496	47.690	50.000	-4.6
Tetrachloro-m-xylene	3.596	3.495	3.695	44.610	50.000	-10.8

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

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

Lab Sample No.: PSTDCCC050 **Data File :** PL095484.D **Time Analyzed:** 17:42

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.946	5.849	6.049	52.250	50.000	4.5
4,4'-DDE	5.392	5.297	5.497	47.760	50.000	-4.5
4,4'-DDT	6.200	6.104	6.304	42.790	50.000	-14.4
Aldrin	4.386	4.290	4.490	51.290	50.000	2.6
Decachlorobiphenyl	8.084	7.989	8.189	45.080	50.000	-9.8
Dieldrin	5.529	5.432	5.632	48.760	50.000	-2.5
Tetrachloro-m-xylene	2.906	2.806	3.006	50.780	50.000	1.6

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

Client Sample No. (PEM): PEM - PL095327.D **Date Analyzed:** 04/23/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:04

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.122	9.020	9.220	23.490	20.000	17.5
Tetrachloro-m-xylene	3.594	3.540	3.640	22.530	20.000	12.7
alpha-BHC	4.045	3.990	4.100	10.950	10.000	9.5
beta-BHC	4.563	4.510	4.610	10.960	10.000	9.6
gamma-BHC (Lindane)	4.375	4.320	4.430	11.240	10.000	12.4
Endrin	6.622	6.550	6.690	54.830	50.000	9.7
4,4'-DDT	7.067	7.000	7.140	112.580	100.000	12.6
Methoxychlor	7.538	7.470	7.610	265.190	250.000	6.1

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

Client Sample No. (PEM): PEM - PL095327.D **Date Analyzed:** 04/23/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:04

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.089	7.990	8.190	23.100	20.000	15.5
Tetrachloro-m-xylene	2.905	2.850	2.960	22.790	20.000	14.0
alpha-BHC	3.415	3.360	3.470	11.050	10.000	10.5
beta-BHC	4.042	3.990	4.090	11.540	10.000	15.4
gamma-BHC (Lindane)	3.748	3.700	3.800	11.100	10.000	11.0
Endrin	5.806	5.740	5.880	57.180	50.000	14.4
4,4'-DDT	6.203	6.130	6.270	115.980	100.000	16.0
Methoxychlor	6.774	6.700	6.840	253.560	250.000	1.4

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

Client Sample No. (PEM): PEM - PL095439.D **Date Analyzed:** 04/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 15:47

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.117	9.020	9.220	25.350	20.000	26.8
Tetrachloro-m-xylene	3.593	3.540	3.640	22.460	20.000	12.3
alpha-BHC	4.044	3.990	4.090	11.000	10.000	10.0
beta-BHC	4.561	4.510	4.610	11.190	10.000	11.9
gamma-BHC (Lindane)	4.373	4.320	4.420	11.270	10.000	12.7
Endrin	6.619	6.550	6.690	59.230	50.000	18.5
4,4'-DDT	7.065	6.990	7.140	117.390	100.000	17.4
Methoxychlor	7.536	7.470	7.610	269.500	250.000	7.8

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

Client Sample No. (PEM): PEM - PL095439.D **Date Analyzed:** 04/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 15:47

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.083	7.980	8.180	24.580	20.000	22.9
Tetrachloro-m-xylene	2.904	2.850	2.950	21.560	20.000	7.8
alpha-BHC	3.413	3.360	3.460	10.690	10.000	6.9
beta-BHC	4.040	3.990	4.090	11.130	10.000	11.3
gamma-BHC (Lindane)	3.747	3.700	3.800	10.730	10.000	7.3
Endrin	5.801	5.730	5.870	51.780	50.000	3.6
4,4'-DDT	6.198	6.130	6.270	107.280	100.000	7.3
Methoxychlor	6.769	6.700	6.840	230.890	250.000	-7.6

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

Client Sample No. (PEM): PEM - PL095474.D **Date Analyzed:** 04/29/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:38

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.118	9.020	9.220	25.490	20.000	27.5
Tetrachloro-m-xylene	3.594	3.540	3.640	22.620	20.000	13.1
alpha-BHC	4.044	3.990	4.090	11.130	10.000	11.3
beta-BHC	4.562	4.510	4.610	11.240	10.000	12.4
gamma-BHC (Lindane)	4.375	4.320	4.430	11.360	10.000	13.6
Endrin	6.621	6.550	6.690	56.870	50.000	13.7
4,4'-DDT	7.066	7.000	7.140	112.730	100.000	12.7
Methoxychlor	7.537	7.470	7.610	257.830	250.000	3.1

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

Client Sample No. (PEM): PEM - PL095474.D **Date Analyzed:** 04/29/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:38

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.082	7.980	8.180	24.570	20.000	22.9
Tetrachloro-m-xylene	2.904	2.850	2.950	21.880	20.000	9.4
alpha-BHC	3.413	3.360	3.460	11.020	10.000	10.2
beta-BHC	4.039	3.990	4.090	10.820	10.000	8.2
gamma-BHC (Lindane)	3.747	3.700	3.800	10.810	10.000	8.1
Endrin	5.802	5.730	5.870	51.110	50.000	2.2
4,4'-DDT	6.198	6.130	6.270	104.140	100.000	4.1
Methoxychlor	6.769	6.700	6.840	224.730	250.000	-10.1

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1889

Project: Mitchell School **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/23/2025 04/23/2025

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	04/23/2025	10:50	PL095326.D	9.12	3.59
PEM	PEM	04/23/2025	11:04	PL095327.D	9.12	3.59
RESCHK	RESCHK	04/23/2025	11:18	PL095328.D	9.12	3.59
PSTDICC100	PSTDICC100	04/23/2025	11:31	PL095329.D	9.12	3.60
PSTDICC075	PSTDICC075	04/23/2025	11:45	PL095330.D	9.12	3.60
PSTDICC050	PSTDICC050	04/23/2025	11:59	PL095331.D	9.12	3.60
PSTDICC025	PSTDICC025	04/23/2025	12:12	PL095332.D	9.12	3.60
PSTDICC005	PSTDICC005	04/23/2025	12:26	PL095333.D	9.12	3.60
PCHLORICC500	PCHLORICC500	04/23/2025	13:07	PL095336.D	9.12	3.60
PTOXICC500	PTOXICC500	04/23/2025	14:32	PL095341.D	9.12	3.59
I.BLK	I.BLK	04/28/2025	15:33	PL095438.D	9.13	3.60
PEM	PEM	04/28/2025	15:47	PL095439.D	9.12	3.59
PSTDCCC050	PSTDCCC050	04/28/2025	16:01	PL095440.D	9.12	3.59
PB167766BS	PB167766BS	04/28/2025	16:49	PL095442.D	9.12	3.59
COMP-1	Q1889-01	04/28/2025	17:08	PL095443.D	9.12	3.60
COMP-1MS	Q1889-01MS	04/28/2025	17:22	PL095444.D	9.12	3.59
COMP-1MSD	Q1889-01MSD	04/28/2025	17:36	PL095445.D	9.12	3.59
COMP-2	Q1889-02	04/28/2025	17:49	PL095446.D	9.12	3.59
COMP-3	Q1889-03	04/28/2025	18:03	PL095447.D	9.12	3.59
I.BLK	I.BLK	04/28/2025	18:45	PL095450.D	9.11	3.59
PSTDCCC050	PSTDCCC050	04/28/2025	18:58	PL095451.D	9.11	3.59
I.BLK	I.BLK	04/29/2025	12:25	PL095473.D	9.12	3.59
PEM	PEM	04/29/2025	12:38	PL095474.D	9.12	3.59
PSTDCCC050	PSTDCCC050	04/29/2025	13:07	PL095475.D	9.12	3.59
PB167766BL	PB167766BL	04/29/2025	14:42	PL095478.D	9.12	3.60
I.BLK	I.BLK	04/29/2025	16:52	PL095483.D	9.12	3.59
PSTDCCC050	PSTDCCC050	04/29/2025	17:42	PL095484.D	9.12	3.60

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1889

Project: Mitchell School **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/23/2025 04/23/2025

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	04/23/2025	10:50	PL095326.D	8.09	2.91
PEM	PEM	04/23/2025	11:04	PL095327.D	8.09	2.91
RESCHK	RESCHK	04/23/2025	11:18	PL095328.D	8.09	2.91
PSTDICC100	PSTDICC100	04/23/2025	11:31	PL095329.D	8.09	2.91
PSTDICC075	PSTDICC075	04/23/2025	11:45	PL095330.D	8.09	2.91
PSTDICC050	PSTDICC050	04/23/2025	11:59	PL095331.D	8.09	2.91
PSTDICC025	PSTDICC025	04/23/2025	12:12	PL095332.D	8.09	2.91
PSTDICC005	PSTDICC005	04/23/2025	12:26	PL095333.D	8.09	2.91
PCHLORICC500	PCHLORICC500	04/23/2025	13:07	PL095336.D	8.09	2.91
PTOXICC500	PTOXICC500	04/23/2025	14:32	PL095341.D	8.09	2.91
I.BLK	I.BLK	04/28/2025	15:33	PL095438.D	8.09	2.90
PEM	PEM	04/28/2025	15:47	PL095439.D	8.08	2.90
PSTDCCC050	PSTDCCC050	04/28/2025	16:01	PL095440.D	8.08	2.90
PB167766BS	PB167766BS	04/28/2025	16:49	PL095442.D	8.08	2.90
COMP-1	Q1889-01	04/28/2025	17:08	PL095443.D	8.08	2.90
COMP-1MS	Q1889-01MS	04/28/2025	17:22	PL095444.D	8.08	2.90
COMP-1MSD	Q1889-01MSD	04/28/2025	17:36	PL095445.D	8.08	2.90
COMP-2	Q1889-02	04/28/2025	17:49	PL095446.D	8.08	2.90
COMP-3	Q1889-03	04/28/2025	18:03	PL095447.D	8.08	2.90
I.BLK	I.BLK	04/28/2025	18:45	PL095450.D	8.08	2.90
PSTDCCC050	PSTDCCC050	04/28/2025	18:58	PL095451.D	8.08	2.90
I.BLK	I.BLK	04/29/2025	12:25	PL095473.D	8.08	2.90
PEM	PEM	04/29/2025	12:38	PL095474.D	8.08	2.90
PSTDCCC050	PSTDCCC050	04/29/2025	13:07	PL095475.D	8.08	2.90
PB167766BL	PB167766BL	04/29/2025	14:42	PL095478.D	8.08	2.91
I.BLK	I.BLK	04/29/2025	16:52	PL095483.D	8.08	2.91
PSTDCCC050	PSTDCCC050	04/29/2025	17:42	PL095484.D	8.08	2.91

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-1MS

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Lab Sample ID: Q1889-01MS **Date(s) Analyzed:** 04/28/2025 04/28/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Dieldrin	1	6.39	6.34	6.44	21.2	6.3
	2	5.53	5.48	5.58	19.9	
Aldrin	1	5.31	5.26	5.36	20.1	1
	2	4.39	4.34	4.44	20.3	
4,4'-DDE	1	6.24	6.19	6.29	21.1	5.4
	2	5.39	5.34	5.44	20.0	
4,4'-DDD	1	6.75	6.70	6.80	23.1	12.4
	2	5.94	5.89	5.99	20.4	
4,4'-DDT	1	7.06	7.01	7.11	21.3	7.8
	2	6.20	6.15	6.25	19.7	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-1MSD

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Lab Sample ID: Q1889-01MSD **Date(s) Analyzed:** 04/28/2025 04/28/2025

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

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	6.75	6.70	6.80	22.8	12.1
	2	5.94	5.89	5.99	20.2	
4,4'-DDT	1	7.06	7.01	7.11	20.9	6.9
	2	6.20	6.15	6.25	19.5	
Aldrin	1	5.31	5.26	5.36	19.9	1
	2	4.39	4.34	4.44	20.1	
4,4'-DDE	1	6.24	6.19	6.29	20.8	4.9
	2	5.39	5.34	5.44	19.8	
Dieldrin	1	6.39	6.34	6.44	21.0	6.9
	2	5.53	5.48	5.58	19.6	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167766BS

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Lab Sample ID: PB167766BS **Date(s) Analyzed:** 04/28/2025 04/28/2025

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

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	6.75	6.70	6.80	19.6	9.6
	2	5.94	5.89	5.99	17.8	
4,4'-DDE	1	6.24	6.19	6.29	18.1	5.7
	2	5.39	5.34	5.44	17.1	
4,4'-DDT	1	7.06	7.01	7.11	18.7	10.1
	2	6.20	6.15	6.25	16.9	
Aldrin	1	5.31	5.26	5.36	17.4	1.2
	2	4.39	4.34	4.44	17.2	
Dieldrin	1	6.39	6.34	6.44	18.4	7.3
	2	5.53	5.48	5.58	17.1	

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LAB CHRONICLE

OrderID:	Q1889	**OrderDate:**	4/25/2025 11:06:00 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
Q1889-01	**COMP-1**	**SOIL**			**04/24/25**			**04/25/25**
			PCB Group1	8082A		04/28/25	04/29/25	
			PESTICIDE Group1	8081B		04/28/25	04/28/25	
Q1889-02	**COMP-2**	**SOIL**			**04/24/25**			**04/25/25**
			PCB Group1	8082A		04/28/25	04/28/25	
			PESTICIDE Group1	8081B		04/28/25	04/28/25	
Q1889-03	**COMP-3**	**SOIL**			**04/24/25**			**04/25/25**
			PCB Group1	8082A		04/28/25	04/29/25	
			PESTICIDE Group1	8081B		04/28/25	04/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1889 **Order ID:** Q1889

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:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-1	SDG No.:	Q1889
Lab Sample ID:	Q1889-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	82.5 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
PO110852.D	1	04/28/25 09:05	04/29/25 11:16	PB167765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.6	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.6	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.5		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		32 - 175	84%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-2	SDG No.:	Q1889
Lab Sample ID:	Q1889-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	80.5 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
PP071571.D	1	04/28/25 09:05	04/28/25 22:09	PB167765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	21.1	ug/kg
11097-69-1	Aroclor-1254	4.00	U	4.00	21.1	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	21.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.5		32 - 144	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		32 - 175	94%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-3	SDG No.:	Q1889
Lab Sample ID:	Q1889-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	80.7 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
PP071577.D	1	04/28/25 09:05	04/29/25 01:09	PB167765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	21.1	ug/kg
11097-69-1	Aroclor-1254	4.00	U	4.00	21.1	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	21.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		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

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Surrogate Summary

SDG No.: Q1889

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
Q1889-01	COMP-1	Tetrachloro-m-xylene	1	20	21.5	108		32	144
		Decachlorobiphenyl	1	20	16.8	84		32	175
		Tetrachloro-m-xylene	2	20	19.7	99		32	144
		Decachlorobiphenyl	2	20	16.5	83		32	175
Q1889-01MS	COMP-1MS	Tetrachloro-m-xylene	1	20	19.4	97		32	144
		Decachlorobiphenyl	1	20	16.4	82		32	175
		Tetrachloro-m-xylene	2	20	17.8	89		32	144
		Decachlorobiphenyl	2	20	16.1	81		32	175
Q1889-01MSD	COMP-1MSD	Tetrachloro-m-xylene	1	20	18.9	95		32	144
		Decachlorobiphenyl	1	20	16.6	83		32	175
		Tetrachloro-m-xylene	2	20	17.2	86		32	144
		Decachlorobiphenyl	2	20	16.3	82		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
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-PP071561.D	PIBLK-PP071561.D	Tetrachloro-m-xylene	1	20	15.5	78		60	140
		Decachlorobiphenyl	1	20	16.3	81		60	140
		Tetrachloro-m-xylene	2	20	16.4	82		60	140
		Decachlorobiphenyl	2	20	17.4	87		60	140
PB167765BL	PB167765BL	Tetrachloro-m-xylene	1	20	18.4	92		32	144
		Decachlorobiphenyl	1	20	18.9	95		32	175
		Tetrachloro-m-xylene	2	20	20.5	103		32	144
		Decachlorobiphenyl	2	20	19.9	100		32	175
PB167765BS	PB167765BS	Tetrachloro-m-xylene	1	20	18.1	91		32	144
		Decachlorobiphenyl	1	20	18.7	94		32	175
		Tetrachloro-m-xylene	2	20	17.7	89		32	144
		Decachlorobiphenyl	2	20	19.8	99		32	175
Q1889-02	COMP-2	Tetrachloro-m-xylene	1	20	19.8	99		32	144

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Surrogate Summary

SDG No.: Q1889

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1889-02	COMP-2	Decachlorobiphenyl	1	20	17.9	90		32	175
		Tetrachloro-m-xylene	2	20	22.5	113		32	144
		Decachlorobiphenyl	2	20	18.8	94		32	175
I.BLK-PP071576.D	PIBLK-PP071576.D	Tetrachloro-m-xylene	1	20	15.8	79		60	140
		Decachlorobiphenyl	1	20	16.4	82		60	140
		Tetrachloro-m-xylene	2	20	16.9	84		60	140
		Decachlorobiphenyl	2	20	17.5	87		60	140
Q1889-03	COMP-3	Tetrachloro-m-xylene	1	20	19.6	98		32	144
		Decachlorobiphenyl	1	20	19.0	95		32	175
		Tetrachloro-m-xylene	2	20	21.8	109		32	144
		Decachlorobiphenyl	2	20	19.8	99		32	175
I.BLK-PP071591.D	PIBLK-PP071591.D	Tetrachloro-m-xylene	1	20	16.1	80		60	140
		Decachlorobiphenyl	1	20	16.7	83		60	140
		Tetrachloro-m-xylene	2	20	16.8	84		60	140
		Decachlorobiphenyl	2	20	17.9	89		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1889

Client: Kleinfelder

Analytical Method: 8082A **DataFile :** PO110853.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**COMP-1MS**											
Q1889-01MS	AR1016	201.6	0	189	ug/kg	94				55	146	
	AR1260	201.6	0	169	ug/kg	84				31	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1889

Client: Kleinfelder

Analytical Method: 8082A **DataFile :** PO110854.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**COMP-1MSD**											
Q1889-01MSD	AR1016	201.8	0	180	ug/kg	89		5		55	146	20
	AR1260	201.8	0	158	ug/kg	78		7		31	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1889

Client: Kleinfelder

Analytical Method: 8082A **Datafile :** PP071565.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167765BS	AR1016	166.5	143	ug/kg	86				71	120	
	AR1260	166.5	147	ug/kg	88				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167765BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1889 SAS No.: Q1889 SDG NO.: Q1889

Lab Sample ID: PB167765BL Lab File ID: PP071564.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 04/28/2025

Date Analyzed (1): 04/28/2025 Date Analyzed (2): 04/28/2025

Time Analyzed (1): 20:15 Time Analyzed (2): 20:15

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-1	Q1889-01	PO110852.D	04/29/2025	04/29/2025
COMP-1MS	Q1889-01MS	PO110853.D	04/29/2025	04/29/2025
COMP-1MSD	Q1889-01MSD	PO110854.D	04/29/2025	04/29/2025
PB167765BS	PB167765BS	PP071565.D	04/28/2025	04/28/2025
COMP-2	Q1889-02	PP071571.D	04/28/2025	04/28/2025
COMP-3	Q1889-03	PP071577.D	04/29/2025	04/29/2025

COMMENTS:

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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	RT WINDOW 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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 18:03 **Initial Calibration Time(s):** 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW 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)	8.09	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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 18:03 **Initial Calibration Time(s):** 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	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)	7.43	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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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

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

Lab Sample No.: AR1660CCC500 **Data File :** PP071557.D **Time Analyzed:** 18:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.665	5.571	5.771	479.350	500.000	-4.1
Aroclor-1016-2	5.686	5.593	5.793	482.270	500.000	-3.5
Aroclor-1016-3	5.748	5.654	5.854	479.730	500.000	-4.1
Aroclor-1016-4	5.846	5.752	5.952	487.050	500.000	-2.6
Aroclor-1016-5	6.139	6.045	6.245	473.110	500.000	-5.4
Aroclor-1260-1	7.257	7.165	7.365	468.870	500.000	-6.2
Aroclor-1260-2	7.511	7.418	7.618	472.380	500.000	-5.5
Aroclor-1260-3	7.869	7.777	7.977	486.210	500.000	-2.8
Aroclor-1260-4	8.094	8.002	8.202	464.380	500.000	-7.1
Aroclor-1260-5	8.414	8.322	8.522	483.210	500.000	-3.4
Decachlorobiphenyl	10.226	10.137	10.337	49.680	50.000	-0.6
Tetrachloro-m-xylene	4.512	4.417	4.617	48.490	50.000	-3.0

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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

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

Lab Sample No.: AR1660CCC500 **Data File :** PP071557.D **Time Analyzed:** 18:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.895	4.798	4.998	508.180	500.000	1.6
Aroclor-1016-2	4.913	4.816	5.016	513.170	500.000	2.6
Aroclor-1016-3	5.090	4.993	5.193	522.490	500.000	4.5
Aroclor-1016-4	5.131	5.036	5.236	523.600	500.000	4.7
Aroclor-1016-5	5.346	5.250	5.450	524.280	500.000	4.9
Aroclor-1260-1	6.380	6.285	6.485	500.820	500.000	0.2
Aroclor-1260-2	6.569	6.473	6.673	499.190	500.000	-0.2
Aroclor-1260-3	6.721	6.627	6.827	511.360	500.000	2.3
Aroclor-1260-4	7.193	7.098	7.298	524.290	500.000	4.9
Aroclor-1260-5	7.434	7.339	7.539	517.900	500.000	3.6
Decachlorobiphenyl	8.842	8.749	8.949	50.210	50.000	0.4
Tetrachloro-m-xylene	3.810	3.712	3.912	47.590	50.000	-4.8

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 23:31 **Initial Calibration Time(s):** 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.01
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)	7.25	7.27	7.17	7.37	0.02
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		10.22	10.24	10.14	10.34	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 23:31 **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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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

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

Lab Sample No.: AR1660CCC500 **Data File :** PP071572.D **Time Analyzed:** 23:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.661	5.571	5.771	502.500	500.000	0.5
Aroclor-1016-2	5.683	5.593	5.793	488.520	500.000	-2.3
Aroclor-1016-3	5.745	5.654	5.854	492.490	500.000	-1.5
Aroclor-1016-4	5.843	5.752	5.952	494.900	500.000	-1.0
Aroclor-1016-5	6.135	6.045	6.245	486.570	500.000	-2.7
Aroclor-1260-1	7.254	7.165	7.365	498.210	500.000	-0.4
Aroclor-1260-2	7.508	7.418	7.618	488.990	500.000	-2.2
Aroclor-1260-3	7.866	7.777	7.977	505.180	500.000	1.0
Aroclor-1260-4	8.090	8.002	8.202	488.020	500.000	-2.4
Aroclor-1260-5	8.410	8.322	8.522	497.350	500.000	-0.5
Decachlorobiphenyl	10.223	10.137	10.337	50.350	50.000	0.7
Tetrachloro-m-xylene	4.508	4.417	4.617	49.040	50.000	-1.9

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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

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

Lab Sample No.: AR1660CCC500 **Data File :** PP071572.D **Time Analyzed:** 23:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.893	4.798	4.998	521.320	500.000	4.3
Aroclor-1016-2	4.912	4.816	5.016	520.920	500.000	4.2
Aroclor-1016-3	5.088	4.993	5.193	527.030	500.000	5.4
Aroclor-1016-4	5.130	5.036	5.236	522.470	500.000	4.5
Aroclor-1016-5	5.344	5.250	5.450	552.040	500.000	10.4
Aroclor-1260-1	6.378	6.285	6.485	531.810	500.000	6.4
Aroclor-1260-2	6.567	6.473	6.673	528.120	500.000	5.6
Aroclor-1260-3	6.720	6.627	6.827	531.940	500.000	6.4
Aroclor-1260-4	7.191	7.098	7.298	532.870	500.000	6.6
Aroclor-1260-5	7.432	7.339	7.539	540.330	500.000	8.1
Decachlorobiphenyl	8.840	8.749	8.949	51.350	50.000	2.7
Tetrachloro-m-xylene	3.809	3.712	3.912	51.300	50.000	2.6

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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

Continuing Calib Time: 04:58 **Initial Calibration Time(s):** 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.01
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)	7.25	7.27	7.17	7.37	0.02
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		10.22	10.24	10.14	10.34	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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

Continuing Calib Time: 04:58 **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.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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 :** PP071587.D **Time Analyzed:** 04:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.661	5.571	5.771	499.460	500.000	-0.1
Aroclor-1016-2	5.683	5.593	5.793	497.330	500.000	-0.5
Aroclor-1016-3	5.745	5.654	5.854	491.000	500.000	-1.8
Aroclor-1016-4	5.842	5.752	5.952	494.630	500.000	-1.1
Aroclor-1016-5	6.135	6.045	6.245	504.640	500.000	0.9
Aroclor-1260-1	7.254	7.165	7.365	524.920	500.000	5.0
Aroclor-1260-2	7.507	7.418	7.618	503.170	500.000	0.6
Aroclor-1260-3	7.866	7.777	7.977	514.880	500.000	3.0
Aroclor-1260-4	8.090	8.002	8.202	502.310	500.000	0.5
Aroclor-1260-5	8.409	8.322	8.522	515.560	500.000	3.1
Decachlorobiphenyl	10.222	10.137	10.337	52.270	50.000	4.5
Tetrachloro-m-xylene	4.508	4.417	4.617	49.750	50.000	-0.5

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1889 **SAS No.:** Q1889 **SDG NO.:** Q1889

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 :** PP071587.D **Time Analyzed:** 04:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.892	4.798	4.998	520.170	500.000	4.0
Aroclor-1016-2	4.911	4.816	5.016	523.850	500.000	4.8
Aroclor-1016-3	5.088	4.993	5.193	534.650	500.000	6.9
Aroclor-1016-4	5.130	5.036	5.236	526.290	500.000	5.3
Aroclor-1016-5	5.344	5.250	5.450	567.310	500.000	13.5
Aroclor-1260-1	6.378	6.285	6.485	527.630	500.000	5.5
Aroclor-1260-2	6.567	6.473	6.673	513.280	500.000	2.7
Aroclor-1260-3	6.719	6.627	6.827	518.650	500.000	3.7
Aroclor-1260-4	7.190	7.098	7.298	511.600	500.000	2.3
Aroclor-1260-5	7.432	7.339	7.539	517.450	500.000	3.5
Decachlorobiphenyl	8.840	8.749	8.949	51.260	50.000	2.5
Tetrachloro-m-xylene	3.808	3.712	3.912	50.380	50.000	0.8

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Analytical Sequence

Client:	**Kleinfelder**	**SDG No.:**	**Q1889**
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-1	Q1889-01	04/29/2025	11:16	PO110852.D	8.73	3.69
COMP-1MS	Q1889-01MS	04/29/2025	11:35	PO110853.D	8.73	3.69
COMP-1MSD	Q1889-01MSD	04/29/2025	11:53	PO110854.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
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
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

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Analytical Sequence

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	04/28/2025	18:03	PP071557.D	10.23	4.51
I.BLK	I.BLK	04/28/2025	19:25	PP071561.D	10.23	4.51
PB167765BL	PB167765BL	04/28/2025	20:15	PP071564.D	10.23	4.51
PB167765BS	PB167765BS	04/28/2025	20:31	PP071565.D	10.23	4.51
COMP-2	Q1889-02	04/28/2025	22:09	PP071571.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/28/2025	23:31	PP071572.D	10.22	4.51
I.BLK	I.BLK	04/29/2025	00:52	PP071576.D	10.23	4.51
COMP-3	Q1889-03	04/29/2025	01:09	PP071577.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/29/2025	04:58	PP071587.D	10.22	4.51
I.BLK	I.BLK	04/29/2025	06:20	PP071591.D	10.22	4.51

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

Analytical Sequence

Client: Kleinfelder **SDG No.:** Q1889

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-1	Q1889-01	04/29/2025	11:16	PO110852.D	8.68	3.68
COMP-1MS	Q1889-01MS	04/29/2025	11:35	PO110853.D	8.68	3.68
COMP-1MSD	Q1889-01MSD	04/29/2025	11:53	PO110854.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
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
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

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Analytical Sequence

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	04/28/2025	18:03	PP071557.D	8.84	3.81
I.BLK	I.BLK	04/28/2025	19:25	PP071561.D	8.84	3.81
PB167765BL	PB167765BL	04/28/2025	20:15	PP071564.D	8.84	3.81
PB167765BS	PB167765BS	04/28/2025	20:31	PP071565.D	8.84	3.81
COMP-2	Q1889-02	04/28/2025	22:09	PP071571.D	8.84	3.81
AR1660CCC500	AR1660CCC500	04/28/2025	23:31	PP071572.D	8.84	3.81
I.BLK	I.BLK	04/29/2025	00:52	PP071576.D	8.84	3.81
COMP-3	Q1889-03	04/29/2025	01:09	PP071577.D	8.84	3.81
AR1660CCC500	AR1660CCC500	04/29/2025	04:58	PP071587.D	8.84	3.81
I.BLK	I.BLK	04/29/2025	06:20	PP071591.D	8.84	3.81

QC SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Mitchell School	Date Received:	
Client Sample ID:	PB167765BL	SDG No.:	Q1889
Lab Sample ID:	PB167765BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071564.D	1	04/28/25 09:05	04/28/25 20:15	PB167765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		32 - 175	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:	04/10/25
Project:	Mitchell School	Date Received:	04/10/25
Client Sample ID:	PIBLK-PO110348.D	SDG No.:	Q1889
Lab Sample ID:	I.BLK-PO110348.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

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

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

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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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-PO110850.D	SDG No.:	Q1889
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:

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-PO110865.D	SDG No.:	Q1889
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:

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:	04/22/25
Project:	Mitchell School	Date Received:	04/22/25
Client Sample ID:	PIBLK-PP071388.D	SDG No.:	Q1889
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
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P = Indicates >25% difference for detected concentrations between the two GC columns
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M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank
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* = Values outside of QC limits
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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:	PIBLK-PP071561.D	SDG No.:	Q1889
Lab Sample ID:	I.BLK-PP071561.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
PP071561.D	1		04/28/25	PP042825

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	15.5		60 - 140	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		60 - 140	81%	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-PP071576.D	SDG No.:	Q1889
Lab Sample ID:	I.BLK-PP071576.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
PP071576.D	1		04/29/25	PP042825

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	15.8		60 - 140	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		60 - 140	82%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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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-PP071591.D	SDG No.:	Q1889
Lab Sample ID:	I.BLK-PP071591.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
PP071591.D	1		04/29/25	PP042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.1		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		60 - 140	83%	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:	
Project:	Mitchell School	Date Received:	
Client Sample ID:	PB167765BS	SDG No.:	Q1889
Lab Sample ID:	PB167765BS	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
PP071565.D	1	04/28/25 09:05	04/28/25 20:31	PB167765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	143		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	147		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		32 - 144	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-1MS	SDG No.:	Q1889
Lab Sample ID:	Q1889-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	82.5 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
PO110853.D	1	04/28/25 09:05	04/29/25 11:35	PB167765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	189		4.80	20.6	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.6	ug/kg
11096-82-5	Aroclor-1260	169		3.90	20.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		32 - 175	82%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-1MSD	SDG No.:	Q1889
Lab Sample ID:	Q1889-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	82.5 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
PO110854.D	1	04/28/25 09:05	04/29/25 11:53	PB167765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	180		4.80	20.6	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.6	ug/kg
11096-82-5	Aroclor-1260	158		3.90	20.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.6		32 - 175	83%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q1889	**OrderDate:**	4/25/2025 11:06:00 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
Q1889-01	**COMP-1**	**SOIL**			**04/24/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-Group1	6010D		04/28/25	04/30/25	
Q1889-02	**COMP-2**	**SOIL**			**04/24/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-Group1	6010D		04/28/25	04/30/25	
Q1889-03	**COMP-3**	**SOIL**			**04/24/25**			**04/25/25**
			Mercury	7471B		04/28/25	04/28/25	
			Metals ICP-Group1	6010D		04/28/25	04/30/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1889 **Order ID:** Q1889

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
Q1889-01	COMP-1	SOIL	Aluminum	8710		0.92	5.46	mg/Kg
Q1889-01	COMP-1	SOIL	Arsenic	4.56		0.21	1.09	mg/Kg
Q1889-01	COMP-1	SOIL	Barium	28.5		0.80	5.46	mg/Kg
Q1889-01	COMP-1	SOIL	Beryllium	0.48		0.027	0.33	mg/Kg
Q1889-01	COMP-1	SOIL	Chromium	17.8		0.051	0.55	mg/Kg
Q1889-01	COMP-1	SOIL	Cobalt	4.72		0.11	1.64	mg/Kg
Q1889-01	COMP-1	SOIL	Copper	8.70		0.24	1.09	mg/Kg
Q1889-01	COMP-1	SOIL	Iron	16800		4.36	5.46	mg/Kg
Q1889-01	COMP-1	SOIL	Lead	8.96		0.14	0.66	mg/Kg
Q1889-01	COMP-1	SOIL	Manganese	90.0		0.15	1.09	mg/Kg
Q1889-01	COMP-1	SOIL	Mercury	0.021		0.0090	0.016	mg/Kg
Q1889-01	COMP-1	SOIL	Nickel	7.20		0.14	2.18	mg/Kg
Q1889-01	COMP-1	SOIL	Thallium	0.59	J	0.25	2.18	mg/Kg
Q1889-01	COMP-1	SOIL	Vanadium	22.9		0.27	2.18	mg/Kg
Q1889-01	COMP-1	SOIL	Zinc	17.4		0.25	2.18	mg/Kg
Client ID : COMP-2								
Q1889-02	COMP-2	SOIL	Aluminum	8990		0.94	5.57	mg/Kg
Q1889-02	COMP-2	SOIL	Arsenic	4.59		0.21	1.11	mg/Kg
Q1889-02	COMP-2	SOIL	Barium	40.5		0.81	5.57	mg/Kg
Q1889-02	COMP-2	SOIL	Beryllium	0.66		0.028	0.33	mg/Kg
Q1889-02	COMP-2	SOIL	Cadmium	0.067	J	0.027	0.33	mg/Kg
Q1889-02	COMP-2	SOIL	Chromium	20.4		0.052	0.56	mg/Kg
Q1889-02	COMP-2	SOIL	Cobalt	6.68		0.11	1.67	mg/Kg
Q1889-02	COMP-2	SOIL	Copper	10.5		0.25	1.11	mg/Kg
Q1889-02	COMP-2	SOIL	Iron	17500		4.45	5.57	mg/Kg
Q1889-02	COMP-2	SOIL	Lead	8.01		0.14	0.67	mg/Kg
Q1889-02	COMP-2	SOIL	Manganese	126		0.16	1.11	mg/Kg
Q1889-02	COMP-2	SOIL	Mercury	0.0090	J	0.0080	0.015	mg/Kg
Q1889-02	COMP-2	SOIL	Nickel	9.51		0.14	2.23	mg/Kg
Q1889-02	COMP-2	SOIL	Thallium	0.47	J	0.26	2.23	mg/Kg
Q1889-02	COMP-2	SOIL	Vanadium	29.8		0.28	2.23	mg/Kg
Q1889-02	COMP-2	SOIL	Zinc	21.6		0.26	2.23	mg/Kg
Client ID : COMP-3								
Q1889-03	COMP-3	SOIL	Aluminum	7770		0.93	5.51	mg/Kg
Q1889-03	COMP-3	SOIL	Arsenic	3.60		0.21	1.10	mg/Kg
Q1889-03	COMP-3	SOIL	Barium	43.7		0.80	5.51	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1889 **Order ID:** Q1889

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1889-03	COMP-3	SOIL	Beryllium	0.67		0.028	0.33	mg/Kg
Q1889-03	COMP-3	SOIL	Cadmium	0.21	J	0.026	0.33	mg/Kg
Q1889-03	COMP-3	SOIL	Chromium	20.7		0.052	0.55	mg/Kg
Q1889-03	COMP-3	SOIL	Cobalt	7.72		0.11	1.65	mg/Kg
Q1889-03	COMP-3	SOIL	Copper	10.1		0.24	1.10	mg/Kg
Q1889-03	COMP-3	SOIL	Iron	15700		4.39	5.51	mg/Kg
Q1889-03	COMP-3	SOIL	Lead	7.28		0.14	0.66	mg/Kg
Q1889-03	COMP-3	SOIL	Manganese	107		0.15	1.10	mg/Kg
Q1889-03	COMP-3	SOIL	Nickel	13.0		0.14	2.20	mg/Kg
Q1889-03	COMP-3	SOIL	Vanadium	25.4		0.28	2.20	mg/Kg
Q1889-03	COMP-3	SOIL	Zinc	27.2		0.25	2.20	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-1	SDG No.:	Q1889
Lab Sample ID:	Q1889-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8710		1	0.92	5.46	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.73	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-38-2	Arsenic	4.56	N*	1	0.21	1.09	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-39-3	Barium	28.5	N	1	0.80	5.46	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-41-7	Beryllium	0.48	N	1	0.027	0.33	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-42-8	Boron	0.87	U	1	0.87	5.46	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.33	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-47-3	Chromium	17.8	N	1	0.051	0.55	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-48-4	Cobalt	4.72	N	1	0.11	1.64	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-50-8	Copper	8.70		1	0.24	1.09	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7439-89-6	Iron	16800		1	4.36	5.46	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7439-92-1	Lead	8.96	*	1	0.14	0.66	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7439-96-5	Manganese	90.0		1	0.15	1.09	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7439-97-6	Mercury	0.021		1	0.0090	0.016	mg/Kg	04/28/25 09:05	04/28/25 11:25	SW7471B	
7439-98-7	Molybdenum	0.89	UN	1	0.89	10.9	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-02-0	Nickel	7.20		1	0.14	2.18	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7782-49-2	Selenium	0.28	UN	1	0.28	1.09	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-22-4	Silver	0.13	UN	1	0.13	0.55	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-28-0	Thallium	0.59	J	1	0.25	2.18	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-62-2	Vanadium	22.9		1	0.27	2.18	mg/Kg	04/28/25 10:10	04/30/25 20:31	SW6010	SW3050
7440-66-6	Zinc	17.4	N	1	0.25	2.18	mg/Kg	04/28/25 10:10	04/30/25 20:31	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:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-2	SDG No.:	Q1889
Lab Sample ID:	Q1889-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8990		1	0.94	5.57	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.79	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-38-2	Arsenic	4.59	N*	1	0.21	1.11	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-39-3	Barium	40.5	N	1	0.81	5.57	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-41-7	Beryllium	0.66	N	1	0.028	0.33	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-42-8	Boron	0.89	U	1	0.89	5.57	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-43-9	Cadmium	0.067	J	1	0.027	0.33	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-47-3	Chromium	20.4	N	1	0.052	0.56	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-48-4	Cobalt	6.68	N	1	0.11	1.67	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-50-8	Copper	10.5		1	0.25	1.11	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7439-89-6	Iron	17500		1	4.45	5.57	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7439-92-1	Lead	8.01	*	1	0.14	0.67	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7439-96-5	Manganese	126		1	0.16	1.11	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7439-97-6	Mercury	0.0090	J	1	0.0080	0.015	mg/Kg	04/28/25 09:05	04/28/25 11:27	SW7471B	
7439-98-7	Molybdenum	0.90	UN	1	0.90	11.1	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-02-0	Nickel	9.51		1	0.14	2.23	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7782-49-2	Selenium	0.29	UN	1	0.29	1.11	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-22-4	Silver	0.13	UN	1	0.13	0.56	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-28-0	Thallium	0.47	J	1	0.26	2.23	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-62-2	Vanadium	29.8		1	0.28	2.23	mg/Kg	04/28/25 10:10	04/30/25 20:35	SW6010	SW3050
7440-66-6	Zinc	21.6	N	1	0.26	2.23	mg/Kg	04/28/25 10:10	04/30/25 20:35	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:	04/24/25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-3	SDG No.:	Q1889
Lab Sample ID:	Q1889-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7770		1	0.93	5.51	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.75	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-38-2	Arsenic	3.60	N*	1	0.21	1.10	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-39-3	Barium	43.7	N	1	0.80	5.51	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-41-7	Beryllium	0.67	N	1	0.028	0.33	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-42-8	Boron	0.88	U	1	0.88	5.51	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-43-9	Cadmium	0.21	J	1	0.026	0.33	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-47-3	Chromium	20.7	N	1	0.052	0.55	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-48-4	Cobalt	7.72	N	1	0.11	1.65	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-50-8	Copper	10.1		1	0.24	1.10	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7439-89-6	Iron	15700		1	4.39	5.51	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7439-92-1	Lead	7.28	*	1	0.14	0.66	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7439-96-5	Manganese	107		1	0.15	1.10	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7439-97-6	Mercury	0.0090	U	1	0.0090	0.016	mg/Kg	04/28/25 09:05	04/28/25 11:30	SW7471B	
7439-98-7	Molybdenum	0.89	UN	1	0.89	11.0	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-02-0	Nickel	13.0		1	0.14	2.20	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7782-49-2	Selenium	0.29	UN	1	0.29	1.10	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-22-4	Silver	0.13	UN	1	0.13	0.55	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.20	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-62-2	Vanadium	25.4		1	0.28	2.20	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050
7440-66-6	Zinc	27.2	N	1	0.25	2.20	mg/Kg	04/28/25 10:10	04/30/25 20:39	SW6010	SW3050

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

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

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

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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
ICV103	Mercury	3.76	4.0	94	90 - 110	CV	04/28/2025	10:35	LB135571

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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
CCV31	Mercury	5.49	5.0	110	90 - 110	CV	04/28/2025	10:39	LB135571
CCV32	Mercury	5.32	5.0	106	90 - 110	CV	04/28/2025	11:07	LB135571
CCV33	Mercury	5.39	5.0	108	90 - 110	CV	04/28/2025	11:34	LB135571
CCV34	Mercury	4.83	5.0	96	90 - 110	CV	04/28/2025	12:05	LB135571
CCV35	Mercury	5.02	5.0	100	90 - 110	CV	04/28/2025	12:32	LB135571

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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Fax : 908 789 8922

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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Fax : 908 789 8922

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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Metals

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CRDL STANDARD FOR AA & ICP

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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	0.23	0.2	113	40 - 160	CV	04/28/2025	10:44	LB135571
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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB103	Mercury	0.20	+/-0.20	U	0.20	CV	04/28/2025	10:37	LB135571

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB31	Mercury	0.20	+/-0.20	U	0.20	CV	04/28/2025	10:42	LB135571
CCB32	Mercury	0.20	+/-0.20	U	0.20	CV	04/28/2025	11:09	LB135571
CCB33	Mercury	0.20	+/-0.20	U	0.20	CV	04/28/2025	11:36	LB135571
CCB34	Mercury	0.20	+/-0.20	U	0.20	CV	04/28/2025	12:07	LB135571
CCB35	Mercury	0.20	+/-0.20	U	0.20	CV	04/28/2025	12:34	LB135571

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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PREPARATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167755BL		**SOLID**		**Batch Number:**	**PB167755**		**Prep Date:**	**04/28/2025**	
	Mercury	0.013	<0.013	U	0.013	CV	04/28/2025	10:51	LB135571

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PREPARATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167757BL		**SOLID**		**Batch Number:**	**PB167757**		**Prep Date:**	**04/28/2025**	
	Aluminum	4.85	<4.85	U	4.85	P	05/06/2025	18:41	LB135689
	Antimony	2.43	<2.43	U	2.43	P	05/06/2025	18:41	LB135689
	Arsenic	0.97	<0.97	U	0.97	P	05/06/2025	18:41	LB135689
	Barium	4.85	<4.85	U	4.85	P	05/06/2025	18:41	LB135689
	Beryllium	0.29	<0.29	U	0.29	P	05/06/2025	18:41	LB135689
	Boron	4.85	<4.85	U	4.85	P	05/06/2025	18:41	LB135689
	Cadmium	0.29	<0.29	U	0.29	P	05/06/2025	18:41	LB135689
	Chromium	0.49	<0.49	U	0.49	P	05/06/2025	18:41	LB135689
	Cobalt	1.46	<1.46	U	1.46	P	05/06/2025	18:41	LB135689
	Copper	0.97	<0.97	U	0.97	P	05/06/2025	18:41	LB135689
	Iron	4.85	<4.85	U	4.85	P	05/06/2025	18:41	LB135689
	Lead	0.58	<0.58	U	0.58	P	05/06/2025	18:41	LB135689
	Manganese	0.97	<0.97	U	0.97	P	05/06/2025	18:41	LB135689
	Molybdenum	9.71	<9.71	U	9.71	P	05/06/2025	18:41	LB135689
	Nickel	1.94	<1.94	U	1.94	P	05/06/2025	18:41	LB135689
	Selenium	0.97	<0.97	U	0.97	P	05/06/2025	18:41	LB135689
	Silver	0.49	<0.49	U	0.49	P	05/06/2025	18:41	LB135689
	Thallium	1.94	<1.94	U	1.94	P	05/06/2025	18:41	LB135689
	Vanadium	1.94	<1.94	U	1.94	P	05/06/2025	18:41	LB135689
	Zinc	1.94	<1.94	U	1.94	P	05/06/2025	18:41	LB135689

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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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INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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.:** Q1889

contract: POWE02 **lab code:** CHEM **case no.:** Q1889 **sas no.:** Q1889

matrix: Solid **sample id:** Q1883-11 **client id:** OU4-PCS-TC-32-042325MS

Percent Solids for Sample: 97.3 **Spiked ID:** Q1883-11MS **Percent Solids for Spike Sample:** 97.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	9310		8150		100	1161		P
Antimony	mg/Kg	79 - 114	10.9		2.39	U	40.9	27	N	P
Arsenic	mg/Kg	82 - 111	33.6		2.12		40.9	77	N	P
Barium	mg/Kg	83 - 113	44.2		29.3		10.2	146	N	P
Beryllium	mg/Kg	83 - 113	8.71		0.28	J	10.2	83		P
Boron	mg/Kg	72 - 114	222		181		15.3	267		P
Cadmium	mg/Kg	82 - 113	12.1		1.33		10.2	106		P
Chromium	mg/Kg	85 - 113	17.4		0.83		20.5	81	N	P
Cobalt	mg/Kg	85 - 112	30.7		19.3		10.2	112		P
Copper	mg/Kg	81 - 117	60.7		46.1		15.3	96		P
Iron	mg/Kg	81 - 118	33000		32200		150	544		P
Lead	mg/Kg	81 - 112	51.4		2.06		51.1	97		P
Manganese	mg/Kg	84 - 114	311		292		10.2	182		P
Molybdenum	mg/Kg	82 - 116	16.5		9.56	U	20.5	80	N	P
Nickel	mg/Kg	83 - 113	32.4		7.08		25.6	99		P
Selenium	mg/Kg	78 - 111	73.8		0.96	U	100	74	N	P
Silver	mg/Kg	82 - 112	2.97		0.48	U	3.8	78	N	P
Thallium	mg/Kg	83 - 111	95.2		1.91	U	100	95		P
Vanadium	mg/Kg	82 - 114	110		84.8		15.3	164		P
Zinc	mg/Kg	82 - 113	52.2		37.7		10.2	141	N	P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1889

contract: POWE02 **lab code:** CHEM **case no.:** Q1889 **sas no.:** Q1889

matrix: Solid **sample id:** Q1883-11 **client id:** OU4-PCS-TC-32-042325MSD

Percent Solids for Sample: 97.3 **Spiked ID:** Q1883-11MSD **Percent Solids for Spike Sample:** 97.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	9810		8150		100	1659		P
Antimony	mg/Kg	79 - 114	11.2		2.39	U	41.1	27	N	P
Arsenic	mg/Kg	82 - 111	35.6		2.12		41.1	82		P
Barium	mg/Kg	83 - 113	47.0		29.3		10.3	172	N	P
Beryllium	mg/Kg	83 - 113	8.22		0.28	J	10.3	77	N	P
Boron	mg/Kg	72 - 114	249		181		15.4	438		P
Cadmium	mg/Kg	82 - 113	12.2		1.33		10.3	105		P
Chromium	mg/Kg	85 - 113	17.9		0.83		20.6	83	N	P
Cobalt	mg/Kg	85 - 112	32.7		19.3		10.3	129	N	P
Copper	mg/Kg	81 - 117	61.5		46.1		15.4	100		P
Iron	mg/Kg	81 - 118	37500		32200		150	3541		P
Lead	mg/Kg	81 - 112	53.6		2.06		51.4	100		P
Manganese	mg/Kg	84 - 114	335		292		10.3	416		P
Molybdenum	mg/Kg	82 - 116	16.9		9.56	U	20.6	82		P
Nickel	mg/Kg	83 - 113	34.2		7.08		25.7	105		P
Selenium	mg/Kg	78 - 111	78.4		0.96	U	100	78		P
Silver	mg/Kg	82 - 112	3.64		0.48	U	3.9	93		P
Thallium	mg/Kg	83 - 111	100		1.91	U	100	100		P
Vanadium	mg/Kg	82 - 114	116		84.8		15.4	200		P
Zinc	mg/Kg	82 - 113	53.5		37.7		10.3	153	N	P

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metals
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MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1889

contract: POWE02 **lab code:** CHEM **case no.:** Q1889 **sas no.:** Q1889

matrix: Solid **sample id:** Q1883-15 **client id:** OU4-VSL-19-042325MS

Percent Solids for Sample: 95.8 **Spiked ID:** Q1883-15MS **Percent Solids for Spike Sample:** 95.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.23		0.013	U	0.25	92		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1889

contract: POWE02 **lab code:** CHEM **case no.:** Q1889 **sas no.:** Q1889

matrix: Solid **sample id:** Q1883-15 **client id:** OU4-VSL-19-042325MSD

Percent Solids for Sample: 95.8 **Spiked ID:** Q1883-15MSD **Percent Solids for Spike Sample:** 95.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.24		0.013	U	0.25	94		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

Matrix: Solid **Level:** LOW **Client ID:** OU4-PCS-TC-32-042325A

Sample ID: Q1883-11 **Spiked ID:** Q1883-11A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	79 - 114	28.8		2.39	U	38.2	75		P
Arsenic	mg/Kg	82 - 111	32.1		2.12		38.2	78		P
Barium	mg/Kg	83 - 113	38.3		29.3		9.60	94		P
Beryllium	mg/Kg	83 - 113	8.16		0.28	J	9.60	82		P
Chromium	mg/Kg	85 - 113	15.7		0.83		19.1	78		P
Cobalt	mg/Kg	85 - 112	29.1		19.3		9.60	102		P
Molybdenum	mg/Kg	82 - 116	14.8		9.56	U	19.1	78		P
Selenium	mg/Kg	78 - 111	69.7		0.96	U	95.6	73		P
Silver	mg/Kg	82 - 112	2.63		0.48	U	3.60	73		P
Zinc	mg/Kg	82 - 113	47.6		37.7		9.60	102		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

Matrix: Solid **Sample ID:** Q1883-11 **Client ID:** OU4-PCS-TC-32-042325DUP

Percent Solids for Sample: 97.3 **Duplicate ID** Q1883-11DUP **Percent Solids for Spike Sample:** 97.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	8150		8060		1		P
Antimony	mg/Kg	20	2.39	U	2.27	U			P
Arsenic	mg/Kg	20	2.12		1.35		44	*	P
Barium	mg/Kg	20	29.3		31.3		7		P
Beryllium	mg/Kg	20	0.28	J	0.29		2		P
Boron	mg/Kg	20	181		183		1		P
Cadmium	mg/Kg	20	1.33		1.61		19		P
Chromium	mg/Kg	20	0.83		0.89		7		P
Cobalt	mg/Kg	20	19.3		19.3		0		P
Copper	mg/Kg	20	46.1		46.4		1		P
Iron	mg/Kg	20	32200		30400		6		P
Lead	mg/Kg	20	2.06		1.25		49	*	P
Manganese	mg/Kg	20	292		293		0		P
Molybdenum	mg/Kg	20	9.56	U	9.10	U			P
Nickel	mg/Kg	20	7.08		6.98		1		P
Selenium	mg/Kg	20	0.96	U	0.91	U			P
Silver	mg/Kg	20	0.48	U	0.46	U			P
Thallium	mg/Kg	20	1.91	U	1.82	U			P
Vanadium	mg/Kg	20	84.8		91.8		8		P
Zinc	mg/Kg	20	37.7		41.0		8		P

"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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

Matrix: Solid **Sample ID:** Q1883-11MS **Client ID:** OU4-PCS-TC-32-042325MSD

Percent Solids for Sample: 97.3 **Duplicate ID** Q1883-11MSD **Percent Solids for Spike Sample:** 97.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	9310		9810		5		P
Antimony	mg/Kg	20	10.9		11.2		2		P
Arsenic	mg/Kg	20	33.6		35.6		6		P
Barium	mg/Kg	20	44.2		47.0		6		P
Beryllium	mg/Kg	20	8.71		8.22		6		P
Boron	mg/Kg	20	222		249		11		P
Cadmium	mg/Kg	20	12.1		12.2		1		P
Chromium	mg/Kg	20	17.4		17.9		3		P
Cobalt	mg/Kg	20	30.7		32.7		6		P
Copper	mg/Kg	20	60.7		61.5		1		P
Iron	mg/Kg	20	33000		37500		13		P
Lead	mg/Kg	20	51.4		53.6		4		P
Manganese	mg/Kg	20	311		335		7		P
Molybdenum	mg/Kg	20	16.5		16.9		2		P
Nickel	mg/Kg	20	32.4		34.2		5		P
Selenium	mg/Kg	20	73.8		78.4		6		P
Silver	mg/Kg	20	2.97		3.64		20		P
Thallium	mg/Kg	20	95.2		100		5		P
Vanadium	mg/Kg	20	110		116		5		P
Zinc	mg/Kg	20	52.2		53.5		2		P

"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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

Matrix: Solid **Sample ID:** Q1883-15 **Client ID:** OU4-PCS-19-042325DUP

Percent Solids for Sample: 95.8 **Duplicate ID** Q1883-15DUP **Percent Solids for Spike Sample:** 95.8

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

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

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

Matrix: Solid **Sample ID:** Q1883-15MS **Client ID:** OU4-VSL-19-042325MSD

Percent Solids for Sample: 95.8 **Duplicate ID** Q1883-15MSD **Percent Solids for Spike Sample:** 95.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.23		0.24		3		CV

"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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167755BS							
Mercury	mg/Kg	0.25	0.26		103	80 - 124	CV

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167757BS							
Aluminum	mg/Kg	95.7	86.6		90	74 - 119	P
Antimony	mg/Kg	38.3	34.5		90	79 - 114	P
Arsenic	mg/Kg	38.3	33.8		88	82 - 111	P
Barium	mg/Kg	9.6	8.54		89	83 - 113	P
Beryllium	mg/Kg	9.6	9.07		94	83 - 113	P
Boron	mg/Kg	14.4	13.9		96	72 - 114	P
Cadmium	mg/Kg	9.6	8.83		92	82 - 113	P
Chromium	mg/Kg	19.1	17.6		92	85 - 113	P
Cobalt	mg/Kg	9.6	8.57		89	85 - 112	P
Copper	mg/Kg	14.4	13.2		92	81 - 117	P
Iron	mg/Kg	140	130		93	81 - 118	P
Lead	mg/Kg	47.8	43.2		90	81 - 112	P
Manganese	mg/Kg	9.6	9.00		94	84 - 114	P
Molybdenum	mg/Kg	19.1	17.9		94	82 - 116	P
Nickel	mg/Kg	23.9	21.6		90	83 - 113	P
Selenium	mg/Kg	95.7	83.8		88	78 - 111	P
Silver	mg/Kg	3.6	3.26		91	82 - 112	P
Thallium	mg/Kg	95.7	84.4		88	83 - 111	P
Vanadium	mg/Kg	14.4	13.0		90	82 - 114	P
Zinc	mg/Kg	9.6	8.88		92	82 - 113	P

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ICP SERIAL DILUTIONS

SAMPLE NO.

OU4-PCS-TC-32-042325L

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

Lab Code: CHEM **Lb No.:** lb135614 **Lab Sample ID :** Q1883-11L **SDG No.:** Q1889

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	8150		9440		16		P
Antimony	2.39	U	12.0	U			P
Arsenic	2.12		2.85	J	34		P
Barium	29.3		34.1		16		P
Beryllium	0.28	J	0.35	J	25		P
Boron	181		243		34		P
Cadmium	1.33		1.43	U	100.0		P
Chromium	0.83		1.07	J	30		P
Cobalt	19.3		19.0		2		P
Copper	46.1		58.1		26		P
Iron	32200		39400		22		P
Lead	2.06		1.55	J	25		P
Manganese	292		347		19		P
Molybdenum	9.56	U	47.8	U			P
Nickel	7.08		7.33	J	3		P
Selenium	0.96	U	4.78	U			P
Silver	0.48	U	2.39	U			P
Thallium	1.91	U	9.56	U			P
Vanadium	84.8		100		18		P
Zinc	37.7		44.6		18		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

OU4-PCS-19-042325L

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

Lab Code: CHEM **Lb No.:** lb135571 **Lab Sample ID :** Q1883-15L **SDG No.:** Q1889

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	0.013	U	0.065	U			CV

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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.:** Q1889

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1889 **SAS No.:** Q1889

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.:** Q1889

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

Case No.: Q1889 **SAS No.:** Q1889

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167755**						
PB167755BL	PB167755BL	MB	SOLID	04/28/2025	0.52	35.0	100.00
PB167755BS	PB167755BS	LCS	SOLID	04/28/2025	0.55	35.0	100.00
Q1883-15DUP	OU4-PCS-19-042325DUP	DUP	SOLID	04/28/2025	0.56	35.0	95.80
Q1883-15MS	OU4-VSL-19-042325MS	MS	SOLID	04/28/2025	0.58	35.0	95.80
Q1883-15MSD	OU4-VSL-19-042325MSD	MSD	SOLID	04/28/2025	0.58	35.0	95.80
Q1889-01	COMP-1	SAM	SOLID	04/28/2025	0.53	35.0	82.50
Q1889-02	COMP-2	SAM	SOLID	04/28/2025	0.57	35.0	80.50
Q1889-03	COMP-3	SAM	SOLID	04/28/2025	0.53	35.0	80.70

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SAMPLE PREPARATION SUMMARY

Client: Kleinfelder **SDG No.:** Q1889

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

Case No.: Q1889 **SAS No.:** Q1889

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167757**						
PB167757BL	PB167757BL	MB	SOLID	04/28/2025	2.06	100.0	100.00
PB167757BS	PB167757BS	LCS	SOLID	04/28/2025	2.09	100.0	100.00
Q1883-11DUP	OU4-PCS-TC-32-042325DUP	DUP	SOLID	04/28/2025	2.26	100.0	97.30
Q1883-11MS	OU4-PCS-TC-32-042325MS	MS	SOLID	04/28/2025	2.01	100.0	97.30
Q1883-11MSD	OU4-PCS-TC-32-042325MSD	MSD	SOLID	04/28/2025	2.00	100.0	97.30
Q1889-01	COMP-1	SAM	SOLID	04/28/2025	2.22	100.0	82.50
Q1889-02	COMP-2	SAM	SOLID	04/28/2025	2.23	100.0	80.50
Q1889-03	COMP-3	SAM	SOLID	04/28/2025	2.25	100.0	80.70

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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: CHEM **Case no.:** Q1889 **Sas no.:** Q1889 **Sdg no.:** Q1889

Instrument id number: **Method:** **Run number:** LB135571

Start date: 04/28/2025 **End date:** 04/28/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1018	HG
S0.2	S0.2	1	1020	HG
S2.5	S2.5	1	1023	HG
S5	S5	1	1025	HG
S7.5	S7.5	1	1027	HG
S10	S10	1	1030	HG
ICV103	ICV103	1	1035	HG
ICB103	ICB103	1	1037	HG
CCV31	CCV31	1	1039	HG
CCB31	CCB31	1	1042	HG
CRA	CRA	1	1044	HG
PB167755BL	PB167755BL	1	1051	HG
PB167755BS	PB167755BS	1	1053	HG
CCV32	CCV32	1	1107	HG
CCB32	CCB32	1	1109	HG
Q1883-15DUP	OU4-PCS-19-042325DUP	1	1118	HG
Q1883-15MS	OU4-VSL-19-042325MS	1	1120	HG
Q1883-15MSD	OU4-VSL-19-042325MSD	1	1123	HG
Q1889-01	COMP-1	1	1125	HG
Q1889-02	COMP-2	1	1127	HG
Q1889-03	COMP-3	1	1130	HG
CCV33	CCV33	1	1134	HG
CCB33	CCB33	1	1136	HG
CCV34	CCV34	1	1205	HG
CCB34	CCB34	1	1207	HG
Q1883-15L	OU4-PCS-19-042325L	5	1223	HG
CCV35	CCV35	1	1232	HG
CCB35	CCB35	1	1234	HG

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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: CHEM **Case no.:** Q1889 **Sas no.:** Q1889 **Sdg no.:** Q1889

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
Q1883-11DUP	OU4-PCS-TC-32-042325DUP	1	1954	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1883-11L	OU4-PCS-TC-32-042325L	5	1958	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1883-11MS	OU4-PCS-TC-32-042325MS	1	2002	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1883-11MSD	OU4-PCS-TC-32-042325MSD	1	2006	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1883-11A	OU4-PCS-TC-32-042325A	1	2010	Ag,As,Ba,Be,Co,Cr,Mo,Sb,Se,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
Q1889-01	COMP-1	1	2031	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1889-02	COMP-2	1	2035	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1889-03	COMP-3	1	2039	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
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
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.:** Q1889 **Sas no.:** Q1889 **Sdg no.:** Q1889

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
PB167757BL	PB167757BL	1	1841	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
PB167757BS	PB167757BS	1	1901	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:	Q1889	**OrderDate:**	4/25/2025 11:06:00 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
Q1889-01	**COMP-1**	**SOIL**			**04/24/25 10:15**			**04/25/25**
			Ammonia	SM4500-NH3		04/30/25	04/30/25 13:51	
			Anions Group1	9056A			04/28/25 16:03	
			Hexavalent Chromium	7196A		04/28/25	04/28/25 12:30	
			Trivalent Chromium	6010D			04/30/25 20:31	
Q1889-02	**COMP-2**	**SOIL**			**04/24/25 10:45**			**04/25/25**
			Ammonia	SM4500-NH3		04/30/25	04/30/25 13:51	
			Anions Group1	9056A			04/28/25 16:24	
			Hexavalent Chromium	7196A		04/28/25	04/28/25 12:31	
			Trivalent Chromium	6010D			04/30/25 20:35	
Q1889-03	**COMP-3**	**SOIL**			**04/24/25 11:25**			**04/25/25**
			Ammonia	SM4500-NH3		04/30/25	04/30/25 13:51	
			Anions Group1	9056A			04/28/25 16:46	
			Hexavalent Chromium	7196A		04/28/25	04/28/25 12:32	
			Trivalent Chromium	6010D			04/30/25 20:39	

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/24/25 10:15
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-1	SDG No.:	Q1889
Lab Sample ID:	Q1889-01	Matrix:	SOIL
		% Solid:	82.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	5.50	J	1	2.60	5.90	mg/Kg	04/30/25 09:25	04/30/25 13:51	SM 4500-NH3 B plus G-11
Chloride	25.6		1	4.20	14.5	mg/Kg		04/28/25 16:03	9056A
Fluoride	3.40	J	1	2.10	9.70	mg/Kg		04/28/25 16:03	9056A
Sulfate	18.5	J	1	10.6	72.6	mg/Kg		04/28/25 16:03	9056A
Hexavalent Chromium	0.084	U	1	0.084	0.48	mg/Kg	04/28/25 08:50	04/28/25 12:30	7196A
Trivalent Chromium	17.8		1	0.61	0.61	mg/Kg		04/30/25 20:31	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:	04/24/25 10:45
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-2	SDG No.:	Q1889
Lab Sample ID:	Q1889-02	Matrix:	SOIL
		% Solid:	80.5

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	6.00	mg/Kg	04/30/25 09:25	04/30/25 13:51	SM 4500-NH3 B plus G-11
Chloride	4.70	J	1	4.30	14.8	mg/Kg		04/28/25 16:24	9056A
Fluoride	3.80	J	1	2.20	9.80	mg/Kg		04/28/25 16:24	9056A
Sulfate	27.8	J	1	10.8	73.8	mg/Kg		04/28/25 16:24	9056A
Hexavalent Chromium	0.14	J	1	0.085	0.48	mg/Kg	04/28/25 08:50	04/28/25 12:31	7196A
Trivalent Chromium	20.3		1	0.62	0.62	mg/Kg		04/30/25 20:35	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:	04/24/25 11:25
Project:	Mitchell School	Date Received:	04/25/25
Client Sample ID:	COMP-3	SDG No.:	Q1889
Lab Sample ID:	Q1889-03	Matrix:	SOIL
		% Solid:	80.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.70	U	1	2.70	6.10	mg/Kg	04/30/25 09:25	04/30/25 13:51	SM 4500-NH3 B plus G-11
Chloride	5.00	J	1	4.30	14.8	mg/Kg		04/28/25 16:46	9056A
Fluoride	10.3		1	2.20	9.90	mg/Kg		04/28/25 16:46	9056A
Sulfate	34.4	J	1	10.8	73.9	mg/Kg		04/28/25 16:46	9056A
Hexavalent Chromium	0.15	J	1	0.085	0.49	mg/Kg	04/28/25 08:50	04/28/25 12:32	7196A
Trivalent Chromium	20.6		1	0.62	0.62	mg/Kg		04/30/25 20:39	6010D

Comments:

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

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

QC RESULT SUMMARY

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Initial and Continuing Calibration Verification

Client: Kleinfelder **SDG No.:** Q1889

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.:**	Q1889
Project:	Mitchell School	**RunNo.:**	LB135578

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.498	0.5	100	90-110	04/28/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.490	0.5	98	90-110	04/28/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.490	0.5	98	90-110	04/28/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.502	0.5	100	90-110	04/28/2025
Sample ID: CCV4						
Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	04/28/2025

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Initial and Continuing Calibration Verification

Client:	Kleinfelder	**SDG No.:**	Q1889
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.:**	Q1889
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.:** Q1889

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.:**	Q1889
Project:	Mitchell School	**RunNo.:**	LB135578

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	04/28/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/28/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/28/2025
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/28/2025
Sample ID: CCB4							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/28/2025

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Initial and Continuing Calibration Blank Summary

Client:	Kleinfelder	**SDG No.:**	Q1889
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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Preparation Blank Summary

Client: Kleinfelder **SDG No.:** Q1889

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: PB167730BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	04/28/2025
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: TR-4-042425MS
SDG No.: Q1889
Sample ID: Q1878-01
Percent Solids for Spike Sample: 98.9

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	1270		0.070	U	1300	40	98		04/28/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: TR-4-042425MS
SDG No.: Q1889
Sample ID: Q1878-01
Percent Solids for Spike Sample: 98.9

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	38.6		0.070	U	40.4	2	96		04/28/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: TR-4-042425MS
SDG No.: Q1889
Sample ID: Q1878-01
Percent Solids for Spike Sample: 98.9

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	32.6		0.070	U	40.4	2	81		04/28/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: COMP-1MS
SDG No.: Q1889
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.: Q1889
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
Project: Mitchell School
Client ID: COMP-3MS
SDG No.: Q1889
Sample ID: Q1889-03
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
Project: Mitchell School
Client ID: COMP-3MSD
SDG No.: Q1889
Sample ID: Q1889-03
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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Duplicate Sample Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: TR-4-042425DUP
SDG No.: Q1889
Sample ID: Q1878-01
Percent Solids for Spike Sample: 98.9

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.070	U	0.070	U	1	0		04/28/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Mitchell School
Client ID: COMP-1DUP
SDG No.: Q1889
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.: Q1889
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.: Q1889
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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Laboratory Control Sample Summary

Client: Kleinfelder **SDG No.:** Q1889

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.:**	Q1889
Project:	Mitchell School	**Run No.:**	LB135578

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB167730BS								
Hexavalent Chromium	mg/Kg	20	20.0		100	1	84-110	04/28/2025

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Laboratory Control Sample Summary

Client:	Kleinfelder	**SDG No.:**	Q1889
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) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1889
COC Number 2046706

11
11.1

CLIENT INFORMATION

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

CLIENT PROJECT INFORMATION

PROJECT NAME: Mitchell School
PROJECT NO.: 20005164.001A LOCATION: Philadelphia, PA
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☑ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other
☐ EDD FORMAT

ANALYSIS

PADEP Historic Clean Fill Parameters Hold

ALLIANCE 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	COMMENTS
1.	COMP-1	Soil	✓		4/24/25	10:15	4	✓									
2.	COMP-2	↓	↓		↓	10:45	↓	↓									
3.	COMP-3		↓			11:25	↓	↓									
4.	SB-1			✓		9:45	1		✓								
5.	SB-2			↓		9:55			↓								
6.	SB-3					10:00											
7.	SB-4					10:10											
8.	SB-5					10:18											
9.	SB-6					10:30											
10.	SB-7	↓		↓	↓	10:35	↓	↓	↓								

E E

PRESERVATIVES: ← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

	DATE/TIME	RECEIVED BY
RELINQUISHED BY SAMPLER: 1.	4/24/25 13:00	RECEIVED BY: 1.
RELINQUISHED BY SAMPLER: 2. FedEx	DATE/TIME: 4-25-25 1045	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.7°C °C
Comments: Hold grab samples SB-1 through SB-12
Adjust Factor +1
IR Gun #1

Page 1 of 2

CLIENT: ☐ Hand Delivered ☑ Other Fedex

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1889
COC Number 2046704

11
11.1

CLIENT INFORMATION

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

CLIENT PROJECT INFORMATION

PROJECT NAME: Mitchell School
PROJECT NO.: 20051164.001A LOCATION: Philadelphia, PA
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☑ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other
☐ EDD FORMAT

ANALYSIS

H01

ALLIANCE 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	COMMENTS
								E									← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	SB-8	Soil		✓	4/24/25	10:40	1	✓									
2.	SB-9	↓		↓	↓	11:00	↓	↓									
3.	SB-10					11:05											
4.	SB-11					11:15											
5.	SB-12					11:20											
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	4/24/25 13:00	1.
2. FedEx	4-25-25 1045	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.7°C °C
Comments: Adjust Factor +1 JL Run #1

Page 2 of 2

CLIENT: ☐ Hand Delivered ☑ Other Fedex

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1889 POWE02
Client Name : Kleinfelder
Client Contact : Mark Warchol
Invoice Name : Kleinfelder
Invoice Contact : Mark Warchol

Order Date : 4/25/2025 11:06:00 AM
Project Name : ~~Lincoln High School~~ Mitchell School
Receive DateTime : 4/25/2025 10:45:00 AM
Purchase Order :

Project Mgr :
Report Type : Results+QC
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1889-01	COMP-1	Solid	04/24/2025	10:15					
					VOCMS Group1		8260D		5 Bus. Days
Q1889-02	COMP-2	Solid	04/24/2025	10:45					
					VOCMS Group1		8260D		5 Bus. Days
Q1889-03	COMP-3	Solid	04/24/2025	11:25					
					VOCMS Group1		8260D		5 Bus. Days

Relinguished By : 
Date / Time : 4/25/25 1134

Received By : Sam
Date / Time : 04/25/25 11:34

Storage Area : VOA Refridgerator Room

Neg # 6
Ice 2