

DATA PACKAGE

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

PROJECT NAME : TANNER G. DUCKREY PUBLIC SCHOOL

KLEINFELDER

180 Sheree Boulevard, Suite 3800

Exton, PA - 19341

Phone No: 610-594-1444

ORDER ID : Q3155

ATTENTION : Mark Warchol



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3155

Project ID : Tanner G. Duckrey Public School

Client : Kleinfelder

Lab Sample Number

Q3155-01
Q3155-02
Q3155-03
Q3155-04

Client Sample Number

COMP-1
COMP-2
COMP-3
TB

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: 10/1/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Kleinfelder

Project Name: Tanner G. Duckrey Public School

Project # N/A

Order ID # Q3155

Test Name: VOCMS Group1,VOC-TCLVOA-10,SVOCMS Group1,PCB Group1,PESTICIDE Group1,Mercury,Ammonia,Anions Group1,Hexavalent Chromium,Trivalent Chromium

A. Number of Samples and Date of Receipt:

3 Solid samples were received on 09/19/2025.

1 Water sample was received on 09/19/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOCMS Group1,VOC-TCLVOA-10,SVOCMS Group1,PCB Group1,PESTICIDE Group1,Mercury,Ammonia,Anions Group1,Hexavalent Chromium,Trivalent Chromium. This data package contains results for VOCMS Group1(8260D),VOC-TCLVOA-10(8260D),SVOCMS Group1(8270E),PCB Group1(8082A),PESTICIDE Group1(8081B),Mercury(7471B),Ammonia(SM4500-NH3),Anions Group1(9056A),Hexavalent Chromium(7196A),Trivalent Chromium(6010D).

C. Analytical Techniques:

VOCMS Group1 : The analysis performed on instrument MSVOA_W 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.

VOC-TCLVOA-10 : The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

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

PCB Group1 : The analyses were performed on instrument GCECD_Q.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

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ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 μ m df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 μ m; Catalogue # 7HM-G017-11. The analysis of PCB Group1s was based on method 8082A and extraction was done based on method 3541.

PESTICIDE Group1 : The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 μ m df, Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 μ m df, Catalog #: 7HMG017- 11. The analysis of PESTICIDE Group1s was based on method 8081B and extraction was done based on method 3541.

Mercury, Metals ICP-Group1 : 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.

Wetchem : The analysis of Ammonia, Anions Group1, Hexavalent Chromium, Trivalent Chromium was based on method 6010D, 7196A, 9056A, SM4500-NH3 and extraction was done based on method 8015B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following

Mercury, Metals ICP-Group1 : The Matrix Spike (20-DEAD-1MS) analysis met criteria for all compounds except for Antimony, Boron and Lead due to Chemical Interference during Digestion Process.

The MSD recoveries met the requirements for all compounds except following

Mercury, Metals ICP-Group1 : The Matrix Spike Duplicate (20-DEAD-1MSD) analysis met criteria for all compounds except for Antimony, Copper, Lead and Vanadium due to Chemical Interference during Digestion Process. The Matrix Spike Duplicate (VNJ-255MSD) analysis met criteria for all compounds except for Mercury due to sample matrix interference.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds except following

The Blank Spike Duplicate met requirements for all compounds except following

VOC-TCLVOA-10 : The Blank Spike Duplicate for {VN0924WBSD01} with File ID: VN087937.D met requirements for all compounds except for 1,2-Dibromo-3-Chloropropane[116%], 1,3-Dichlorobenzene[110%] and 1,4-Dichlorobenzene[108%] are failing high but no positive hit in associate sample therefore no corrective action taken.

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The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration met the requirements except following except following
VOC-TCLVOA-10 : The Continuous Calibration File ID VN087933.D met the
requirements except for 2-Butanone,2-Hexanone and Acetone are failing high but no
positive hit in associate sample therefore no corrective action taken.

except following
SVOCMS Group1 : The Continuous Calibration File ID BG064435.D met the
requirements except for 2,4,6-Tribromophenol and Nitrobenzene-d5, failing high side but
The associate samples have no positive hit for these compounds therefore no corrective
action was taken.

The Continuous Calibration File ID BP025824.D met the requirements except for
Benzo(g,h,i)perylene, marginally failing low side therefore no corrective action was
taken.

except following
PCB Group1 : The Continuous Calibration File ID PQ070933.D met the requirements
except for Decachlorobiphenyl is failing in 2nd column, however it is passed in 1st
column therefore no corrective action was taken.

The Continuous Calibration File ID PQ070944.D met the requirements except for
Decachlorobiphenyl is failing in 2nd column, however it is passed in 1st column
therefore no corrective action was taken.

The Tuning criteria met requirements.

The Duplicate analysis met criteria for all compounds. except following
Mercury, Metals ICP-Group1 : The Duplicate (20-DEAD-1DUP) analysis met criteria for
all compounds except for Lead due to sample matrix interference. The Duplicate (20-
DEAD-1MSD) analysis met criteria for all compounds except for Boron due to Chemical
Interference during Digestion Process.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

SVOCMS Group1 : The Form 6 is not included in the data package because the Initial
Calibration was performed using 7 points

The not QT review data is reported in the Miscellaneous.

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VOCMS Group1 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

VOC-TCLVOA-10 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Mercury, Metals ICP-Group1 : The Post Digest Spike (20-DEAD-1A) analysis met criteria for all compounds except for Boron due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

F. Manual Integration Comments:

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

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

Signature_____

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

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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3155

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: 10/01/2025

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-04	TB	Water	VOC-TCLVOA-10	8260D	09/18/25		09/24/25	09/19/25

Hit Summary Sheet
SW-846

SDG No.: Q3155
Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:				0				
Total Voc :								
Total Concentration:								

A
B
C
D
E
F
G



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	TB	SDG No.:	Q3155
Lab Sample ID:	Q3155-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087939.D	1	09/24/25 11:25	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.14	U	0.14	5.00	ug/L

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	TB	SDG No.:	Q3155
Lab Sample ID:	Q3155-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087939.D	1	09/24/25 11:25	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	UQ	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	UQ	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	UQ	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.4		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	49.7		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.3		77 - 121	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	175000	8.206			
540-36-3	1,4-Difluorobenzene	380000	9.082			
3114-55-4	Chlorobenzene-d5	371000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	174000	13.77			

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	TB	SDG No.:	Q3155
Lab Sample ID:	Q3155-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087939.D	1	09/24/25 11:25	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Surrogate Summary

SDG No.: Q3155

Client: Kleinfelder

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3155-04	TB	1,2-Dichloroethane-d4	50	57.4	115		74	125
		Dibromofluoromethane	50	52.7	105		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	45.3	91		77	121
VN0924WBL01	VN0924WBL01	1,2-Dichloroethane-d4	50	54.7	109		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	49.3	99		86	113
		4-Bromofluorobenzene	50	46.5	93		77	121
VN0924WBS01	VN0924WBS01	1,2-Dichloroethane-d4	50	53.6	107		74	125
		Dibromofluoromethane	50	49.8	100		75	124
		Toluene-d8	50	49.1	98		86	113
		4-Bromofluorobenzene	50	50.0	100		77	121
VN0924WBSD0	VN0924WBSD01	1,2-Dichloroethane-d4	50	49.3	99		74	125
		Dibromofluoromethane	50	50.4	101		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	49.6	99		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>VN087936.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0924WBS01	Dichlorodifluoromethane	20	20.6	ug/L	103			69	116	
	Chloromethane	20	19.4	ug/L	97			65	116	
	Vinyl chloride	20	19.6	ug/L	98			65	117	
	Bromomethane	20	20.3	ug/L	102			58	125	
	Chloroethane	20	20.4	ug/L	102			56	128	
	Trichlorofluoromethane	20	19.4	ug/L	97			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.1	ug/L	101			80	112	
	1,1-Dichloroethene	20	20.0	ug/L	100			74	110	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	19.5	ug/L	98			64	112	
	Methyl tert-butyl Ether	20	19.8	ug/L	99			78	114	
	Methyl Acetate	20	21.6	ug/L	108			67	125	
	Methylene Chloride	20	20.6	ug/L	103			72	114	
	trans-1,2-Dichloroethene	20	19.3	ug/L	97			75	108	
	1,1-Dichloroethane	20	20.6	ug/L	103			78	112	
	Cyclohexane	20	19.8	ug/L	99			75	110	
	2-Butanone	100	100	ug/L	100			65	122	
	Carbon Tetrachloride	20	19.0	ug/L	95			77	113	
	cis-1,2-Dichloroethene	20	20.4	ug/L	102			77	110	
	Bromochloromethane	20	17.9	ug/L	90			70	124	
	Chloroform	20	20.5	ug/L	103			79	113	
	1,1,1-Trichloroethane	20	20.2	ug/L	101			80	108	
	Methylcyclohexane	20	18.4	ug/L	92			72	115	
	Benzene	20	19.8	ug/L	99			82	109	
	1,2-Dichloroethane	20	19.6	ug/L	98			80	115	
	Trichloroethene	20	20.0	ug/L	100			77	113	
	1,2-Dichloropropane	20	19.7	ug/L	99			83	111	
	Bromodichloromethane	20	19.6	ug/L	98			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	19.7	ug/L	99			82	110	
	t-1,3-Dichloropropene	20	19.0	ug/L	95			79	110	
	cis-1,3-Dichloropropene	20	19.7	ug/L	99			82	110	
	1,1,2-Trichloroethane	20	20.4	ug/L	102			83	112	
	2-Hexanone	100	94.6	ug/L	95			73	117	
	Dibromochloromethane	20	19.5	ug/L	98			82	110	
	1,2-Dibromoethane	20	20.0	ug/L	100			81	110	
	Tetrachloroethene	20	18.1	ug/L	91			67	123	
	Chlorobenzene	20	19.6	ug/L	98			82	109	
	Ethyl Benzene	20	18.8	ug/L	94			83	109	
	m/p-Xylenes	40	38.4	ug/L	96			82	110	
	o-Xylene	20	18.7	ug/L	94			83	109	
	Styrene	20	19.2	ug/L	96			80	111	
	Bromoform	20	19.2	ug/L	96			79	109	
	Isopropylbenzene	20	18.5	ug/L	93			83	112	
	1,1,2,2-Tetrachloroethane	20	19.6	ug/L	98			76	118	
	1,3-Dichlorobenzene	20	19.5	ug/L	98			82	108	
	1,4-Dichlorobenzene	20	19.4	ug/L	97			82	107	
	1,2-Dichlorobenzene	20	19.5	ug/L	98			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>VN087936.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VN0924WBS01	1,2-Dibromo-3-Chloropropane	20	19.2	ug/L	96			68	112	
	1,2,4-Trichlorobenzene	20	19.3	ug/L	97			75	113	
	1,2,3-Trichlorobenzene	20	19.2	ug/L	96			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>VN087937.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0924WBSD01	Dichlorodifluoromethane	20	21.6	ug/L	108	5		69	116	19
	Chloromethane	20	19.3	ug/L	97	0		65	116	21
	Vinyl chloride	20	20.4	ug/L	102	4		65	117	19
	Bromomethane	20	20.6	ug/L	103	1		58	125	20
	Chloroethane	20	21.3	ug/L	106	4		56	128	20
	Trichlorofluoromethane	20	20.9	ug/L	104	7		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	22.3	ug/L	112	10		80	112	15
	1,1-Dichloroethene	20	21.4	ug/L	107	7		74	110	20
	Acetone	100	100	ug/L	100	10		60	125	20
	Carbon disulfide	20	20.5	ug/L	103	5		64	112	20
	Methyl tert-butyl Ether	20	20.3	ug/L	102	3		78	114	20
	Methyl Acetate	20	22.2	ug/L	111	3		67	125	20
	Methylene Chloride	20	20.6	ug/L	103	0		72	114	20
	trans-1,2-Dichloroethene	20	19.7	ug/L	99	2		75	108	16
	1,1-Dichloroethane	20	20.1	ug/L	101	2		78	112	20
	Cyclohexane	20	20.3	ug/L	102	3		75	110	20
	2-Butanone	100	110	ug/L	110	10		65	122	26
	Carbon Tetrachloride	20	21.5	ug/L	108	13		77	113	15
	cis-1,2-Dichloroethene	20	19.8	ug/L	99	3		77	110	20
	Bromochloromethane	20	18.3	ug/L	92	2		70	124	20
	Chloroform	20	20.6	ug/L	103	0		79	113	20
	1,1,1-Trichloroethane	20	20.2	ug/L	101	0		80	108	20
	Methylcyclohexane	20	22.1	ug/L	111	19		72	115	20
	Benzene	20	20.7	ug/L	104	5		82	109	15
	1,2-Dichloroethane	20	21.1	ug/L	106	8		80	115	20
	Trichloroethene	20	20.3	ug/L	102	2		77	113	15
	1,2-Dichloropropane	20	20.9	ug/L	104	5		83	111	16
	Bromodichloromethane	20	21.2	ug/L	106	8		83	110	16
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		74	118	25
	Toluene	20	21.1	ug/L	106	7		82	110	16
	t-1,3-Dichloropropene	20	20.5	ug/L	103	8		79	110	20
	cis-1,3-Dichloropropene	20	20.7	ug/L	104	5		82	110	16
	1,1,2-Trichloroethane	20	21.1	ug/L	106	4		83	112	20
	2-Hexanone	100	100	ug/L	100	5		73	117	25
	Dibromochloromethane	20	21.3	ug/L	106	8		82	110	20
	1,2-Dibromoethane	20	20.9	ug/L	104	4		81	110	20
	Tetrachloroethene	20	20.6	ug/L	103	12		67	123	15
	Chlorobenzene	20	21.0	ug/L	105	7		82	109	15
	Ethyl Benzene	20	20.6	ug/L	103	9		83	109	16
	m/p-Xylenes	40	41.8	ug/L	104	8		82	110	15
	o-Xylene	20	20.1	ug/L	101	7		83	109	20
	Styrene	20	20.2	ug/L	101	5		80	111	17
	Bromoform	20	21.0	ug/L	105	9		79	109	20
	Isopropylbenzene	20	22.2	ug/L	111	18		83	112	29
	1,1,2,2-Tetrachloroethane	20	23.2	ug/L	116	17		76	118	20
	1,3-Dichlorobenzene	20	21.9	ug/L	110	12	*	82	108	20
	1,4-Dichlorobenzene	20	21.5	ug/L	108	11	*	82	107	15
	1,2-Dichlorobenzene	20	21.4	ug/L	107	9		82	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>VN087937.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0924WBSD01	1,2-Dibromo-3-Chloropropane	20	23.2	ug/L	116	19	*	68	112	20
	1,2,4-Trichlorobenzene	20	21.7	ug/L	109	12		75	113	29
	1,2,3-Trichlorobenzene	20	20.7	ug/L	104	8		76	114	29

VOLATILE METHOD BLANK SUMMARY

Client ID

VN0924WBL01

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab File ID: VN087935.D

Lab Sample ID: VN0924WBL01

Date Analyzed: 09/24/2025

Time Analyzed: 09:47

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

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0924WBS01	VN0924WBS01	VN087936.D	09/24/2025
VN0924WBSD01	VN0924WBSD01	VN087937.D	09/24/2025
TB	Q3155-04	VN087939.D	09/24/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab File ID: VN087922.D

BFB Injection Date: 09/23/2025

Instrument ID: MSVOA_N

BFB Injection Time: 08:31

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

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.1
75	30.0 - 60.0% of mass 95	55.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	1.2 (1.6) 1
174	50.0 - 100.0% of mass 95	75.3
175	5.0 - 9.0% of mass 174	6.2 (8.3) 1
176	95.0 - 101.0% of mass 174	74.2 (98.4) 1
177	5.0 - 9.0% of mass 176	4.4 (6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VN087924.D	09/23/2025	09:33
VSTDIC050	VSTDIC050	VN087926.D	09/23/2025	10:15
VSTDIC100	VSTDIC100	VN087927.D	09/23/2025	10:36
VSTDIC150	VSTDIC150	VN087928.D	09/23/2025	10:56
VSTDIC020	VSTDIC020	VN087930.D	09/23/2025	11:47

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VN087932.D
Instrument ID: MSVOA_N
GC Column: RXI-624 ID: 0.25 (mm)

Contract: POWE02
SDG NO.: Q3155
BFB Injection Date: 09/24/2025
BFB Injection Time: 07:41
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.9
75	30.0 - 60.0% of mass 95	54.2
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	1.1 (1.4) 1
174	50.0 - 100.0% of mass 95	74.1
175	5.0 - 9.0% of mass 174	6.2 (8.4) 1
176	95.0 - 101.0% of mass 174	73.4 (99.1) 1
177	5.0 - 9.0% of mass 176	4.9 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087933.D	09/24/2025	08:27
VN0924WBL01	VN0924WBL01	VN087935.D	09/24/2025	09:47
VN0924WBS01	VN0924WBS01	VN087936.D	09/24/2025	10:08
VN0924WBSD01	VN0924WBSD01	VN087937.D	09/24/2025	10:42
TB	Q3155-04	VN087939.D	09/24/2025	11:25

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02
Lab Code: ACE SDG NO.: Q3155
Lab File ID: VN087933.D Date Analyzed: 09/24/2025
Instrument ID: MSVOA_N Time Analyzed: 08:27
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	248830	8.21	449654	9.08	427717	11.85
UPPER LIMIT	497660	8.706	899308	9.582	855434	12.347
LOWER LIMIT	124415	7.706	224827	8.582	213859	11.347
EPA SAMPLE NO.						
TB	174992	8.21	380143	9.08	371356	11.85
VN0924WBL01	194391	8.21	423678	9.08	397836	11.84
VN0924WBS01	214330	8.21	404775	9.08	389038	11.85
VN0924WBSD01	242602	8.21	429972	9.08	407713	11.85

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02
 Lab Code: ACE SDG NO.: Q3155
 Lab File ID: VN087933.D Date Analyzed: 09/24/2025
 Instrument ID: MSVOA_N Time Analyzed: 08:27
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	229002	13.77				
UPPER LIMIT	458004	14.27				
LOWER LIMIT	114501	13.27				
EPA SAMPLE NO.						
TB	173790	13.77				
VN0924WBL01	185471	13.77				
VN0924WBS01	206895	13.77				
VN0924WBSD01	206436	13.77				

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VN0924WBL01	SDG No.:	Q3155
Lab Sample ID:	VN0924WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087935.D	1	09/24/25 09:47	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.14	U	0.14	5.00	ug/L

Report of Analysis

Client:	Kleinfelder		Date Collected:	
Project:	Tanner G. Duckrey Public School		Date Received:	
Client Sample ID:	VN0924WBL01		SDG No.:	Q3155
Lab Sample ID:	VN0924WBL01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087935.D	1	09/24/25 09:47	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.7		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	194000	8.206			
540-36-3	1,4-Difluorobenzene	424000	9.083			
3114-55-4	Chlorobenzene-d5	398000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	185000	13.771			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VN0924WBL01	SDG No.:	Q3155
Lab Sample ID:	VN0924WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087935.D	1	09/24/25 09:47	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Kleinfelder		Date Collected:	
Project:	Tanner G. Duckrey Public School		Date Received:	
Client Sample ID:	VN0924WBS01		SDG No.:	Q3155
Lab Sample ID:	VN0924WBS01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087936.D	1	09/24/25 10:08	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.6		0.22	5.00	ug/L
74-87-3	Chloromethane	19.4		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	19.6		0.26	5.00	ug/L
74-83-9	Bromomethane	20.3		1.40	5.00	ug/L
75-00-3	Chloroethane	20.4		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	19.4		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.1		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	20.0		0.23	5.00	ug/L
67-64-1	Acetone	110		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	19.5		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.8		0.16	5.00	ug/L
79-20-9	Methyl Acetate	21.6		0.27	5.00	ug/L
75-09-2	Methylene Chloride	20.6		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.3		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.6		0.23	5.00	ug/L
110-82-7	Cyclohexane	19.8		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	19.0		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.4		0.19	5.00	ug/L
74-97-5	Bromochloromethane	17.9		0.22	5.00	ug/L
67-66-3	Chloroform	20.5		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.2		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	18.4		0.16	5.00	ug/L
71-43-2	Benzene	19.8		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	19.6		0.22	5.00	ug/L
79-01-6	Trichloroethene	20.0		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	19.7		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	25.0	ug/L
108-88-3	Toluene	19.7		0.14	5.00	ug/L

Report of Analysis

Client:	Kleinfelder		Date Collected:	
Project:	Tanner G. Duckrey Public School		Date Received:	
Client Sample ID:	VN0924WBS01		SDG No.:	Q3155
Lab Sample ID:	VN0924WBS01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087936.D	1	09/24/25 10:08	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.0		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.7		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	5.00	ug/L
591-78-6	2-Hexanone	94.6		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	19.5		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	20.0		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	18.1		0.23	5.00	ug/L
108-90-7	Chlorobenzene	19.6		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	18.8		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	38.4		0.24	10.0	ug/L
95-47-6	o-Xylene	18.7		0.12	5.00	ug/L
100-42-5	Styrene	19.2		0.15	5.00	ug/L
75-25-2	Bromoform	19.2		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	18.5		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.6		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.5		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.4		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.3		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.2		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.7		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.1		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	214000	8.206			
540-36-3	1,4-Difluorobenzene	405000	9.083			
3114-55-4	Chlorobenzene-d5	389000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	207000	13.771			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VN0924WBS01	SDG No.:	Q3155
Lab Sample ID:	VN0924WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087936.D	1	09/24/25 10:08	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VN0924WBSD01	SDG No.:	Q3155
Lab Sample ID:	VN0924WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087937.D	1	09/24/25 10:42	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	21.6		0.22	5.00	ug/L
74-87-3	Chloromethane	19.3		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	20.4		0.26	5.00	ug/L
74-83-9	Bromomethane	20.6		1.40	5.00	ug/L
75-00-3	Chloroethane	21.3		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	20.9		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	22.3		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	21.4		0.23	5.00	ug/L
67-64-1	Acetone	100		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	20.5		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.3		0.16	5.00	ug/L
79-20-9	Methyl Acetate	22.2		0.27	5.00	ug/L
75-09-2	Methylene Chloride	20.6		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.7		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.1		0.23	5.00	ug/L
110-82-7	Cyclohexane	20.3		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	21.5		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.8		0.19	5.00	ug/L
74-97-5	Bromochloromethane	18.3		0.22	5.00	ug/L
67-66-3	Chloroform	20.6		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.2		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	22.1		0.16	5.00	ug/L
71-43-2	Benzene	20.7		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	21.1		0.22	5.00	ug/L
79-01-6	Trichloroethene	20.3		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	20.9		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	21.2		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	25.0	ug/L
108-88-3	Toluene	21.1		0.14	5.00	ug/L

Report of Analysis

Client:	Kleinfelder		Date Collected:		
Project:	Tanner G. Duckrey Public School		Date Received:		
Client Sample ID:	VN0924WBSD01		SDG No.:	Q3155	
Lab Sample ID:	VN0924WBSD01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087937.D	1	09/24/25 10:42	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.5		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.7		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.1		0.21	5.00	ug/L
591-78-6	2-Hexanone	100		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	21.3		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	20.9		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	20.6		0.23	5.00	ug/L
108-90-7	Chlorobenzene	21.0		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	41.8		0.24	10.0	ug/L
95-47-6	o-Xylene	20.1		0.12	5.00	ug/L
100-42-5	Styrene	20.2		0.15	5.00	ug/L
75-25-2	Bromoform	21.0		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	22.2		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	23.2		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	21.9		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	21.5		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.4		0.16	5.00	ug/L
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17060-07-0	1,2-Dichloroethane-d4	49.3		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.9		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	243000	8.206			
540-36-3	1,4-Difluorobenzene	430000	9.083			
3114-55-4	Chlorobenzene-d5	408000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	206000	13.77			

Report of Analysis

Client:	Kleinfelder		Date Collected:	
Project:	Tanner G. Duckrey Public School		Date Received:	
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Lab Sample ID:	VN0924WBSD01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087937.D	1	09/24/25 10:42	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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J = Estimated Value
 B = Analyte Found in Associated Method Blank
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 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit
 A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG No.: Q3155

Instrument ID: MSVOA_N

Calibration Date(s): 09/23/2025 09/23/2025

Heated Purge: (Y/N) N

Calibration Time(s): 09:33 11:47

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

LAB FILE ID:		RRF005 = VN087924.D		RRF050 = VN087926.D		RRF100 = VN087927.D		RRF150 = VN087928.D		RRF020 = VN087930.D		RRF =			
COMPOUND		RRF005	RRF050	RRF100	RRF150	RRF020	RRF					RRF		% RSD	
Dichlorodifluoromethane		0.590	0.526	0.505	0.612	0.662		0.579		11					
Chloromethane		0.662	0.532	0.497	0.602	0.672		0.593		13.1					
Vinyl Chloride		0.656	0.553	0.516	0.613	0.686		0.605		11.7					
Bromomethane		0.388	0.320	0.331	0.415	0.422		0.375		12.6					
Chloroethane		0.442	0.355	0.337	0.407	0.425		0.393		11.5					
Trichlorofluoromethane		1.169	0.883	0.816	0.987	1.068		0.985		14.3					
1,1,2-Trichlorotrifluoroethane		0.597	0.475	0.439	0.528	0.563		0.521		12.3					
1,1-Dichloroethene		0.591	0.470	0.448	0.539	0.579		0.525		12.2					
Acetone		0.417	0.298	0.274	0.326	0.417		0.346		19.4					
Carbon Disulfide		1.788	1.485	1.399	1.672	1.862		1.641		12					
Methyl tert-butyl Ether		2.047	1.907	1.811	2.256	2.237		2.052		9.6					
Methyl Acetate		0.822	0.813	0.767	0.934	0.997		0.866		11					
Methylene Chloride		0.871	0.621	0.571	0.680	0.761		0.701		16.9					
trans-1,2-Dichloroethene		0.758	0.570	0.542	0.654	0.695		0.644		13.8					
1,1-Dichloroethane		1.315	1.057	0.984	1.206	1.268		1.166		12.1					
Cyclohexane		1.163	0.827	0.758	0.951	1.020		0.944		16.9					
2-Butanone		0.557	0.479	0.453	0.554	0.602		0.529		11.6					
Carbon Tetrachloride		0.524	0.461	0.432	0.542	0.545		0.501		10.3					
cis-1,2-Dichloroethene		0.852	0.690	0.656	0.804	0.829		0.766		11.5					
Bromochloromethane		0.667	0.662	0.598	0.570	0.671		0.634		7.3					
Chloroform		1.419	1.145	1.075	1.313	1.424		1.275		12.5					
1,1,1-Trichloroethane		1.190	0.958	0.908	1.133	1.197		1.077		12.5					
Methylcyclohexane		0.445	0.444	0.435	0.562	0.521		0.482		11.8					
Benzene		1.507	1.353	1.258	1.540	1.569		1.445		9.3					
1,2-Dichloroethane		0.572	0.484	0.467	0.565	0.609		0.539		11.3					
Trichloroethene		0.367	0.315	0.304	0.367	0.374		0.345		9.6					
1,2-Dichloropropane		0.391	0.333	0.310	0.377	0.402		0.362		10.9					
Bromodichloromethane		0.581	0.521	0.489	0.597	0.616		0.561		9.6					
4-Methyl-2-Pentanone		0.532	0.537	0.509	0.614	0.623		0.563		9.2					
Toluene		0.897	0.848	0.811	0.998	0.981		0.907		9					

* 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.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG No.: Q3155

Instrument ID: MSVOA_N

Calibration Date(s): 09/23/2025 09/23/2025

Heated Purge: (Y/N) N

Calibration Time(s): 09:33 11:47

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

LAB FILE ID: RRF005 = VN087924.D RRF050 = VN087926.D RRF100 = VN087927.D RRF150 = VN087928.D RRF020 = VN087930.D RRF =								
COMPOUND	RRF005	RRF050	RRF100	RRF150	RRF020	RRF	RRF	% RSD
t-1,3-Dichloropropene	0.556	0.528	0.518	0.650	0.617		0.574	10
cis-1,3-Dichloropropene	0.593	0.544	0.534	0.659	0.651		0.596	9.8
1,1,2-Trichloroethane	0.390	0.339	0.318	0.384	0.413		0.369	10.5
2-Hexanone	0.297	0.369	0.358	0.436	0.402		0.372	14.1
Dibromochloromethane	0.425	0.402	0.391	0.479	0.472		0.434	9.2
1,2-Dibromoethane	0.395	0.362	0.341	0.420	0.435		0.390	10
Tetrachloroethene	0.308	0.279	0.264	0.328	0.345		0.305	11
Chlorobenzene	1.057	0.951	0.940	1.153	1.218		1.064	11.5
Ethyl Benzene	1.650	1.601	1.637	2.022	1.968		1.775	11.4
m/p-Xylenes	0.612	0.637	0.615	0.767	0.765		0.679	11.8
o-Xylene	0.593	0.598	0.601	0.752	0.718		0.652	11.7
Styrene	0.906	1.063	1.061	1.312	1.260		1.120	14.7
Bromoform	0.286	0.285	0.289	0.352	0.344		0.311	10.9
Isopropylbenzene	2.660	2.804	2.859	3.653	3.518		3.099	14.6
1,1,2,2-Tetrachloroethane	1.212	0.979	0.954	1.168	1.269		1.117	12.7
1,3-Dichlorobenzene	1.689	1.403	1.409	1.745	1.798		1.609	11.7
1,4-Dichlorobenzene	1.800	1.413	1.423	1.744	1.888		1.654	13.4
1,2-Dichlorobenzene	1.591	1.357	1.358	1.673	1.776		1.551	12.2
1,2-Dibromo-3-Chloropropane	0.285	0.220	0.221	0.286	0.285		0.259	13.7
1,2,4-Trichlorobenzene	0.867	0.791	0.830	1.099	0.991		0.916	13.9
1,2,3-Trichlorobenzene	0.780	0.783	0.800	1.068	1.020		0.890	15.9
1,2-Dichloroethane-d4	0.852	0.872	0.901	0.877	0.705		0.841	9.3
Dibromofluoromethane	0.376	0.372	0.385	0.376	0.305		0.363	9
Toluene-d8	1.189	1.352	1.429	1.387	1.026		1.277	13.1
4-Bromofluorobenzene	0.432	0.476	0.511	0.496	0.367		0.456	12.8

* 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.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3155</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>09/24/2025 08:27</u>
Lab File ID:	<u>VN087933.D</u>	Init. Calib. Date(s):	<u>09/23/2025 09/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:33 11:47</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.579	0.611		5.53	20
Chloromethane	0.593	0.640	0.1	7.93	20
Vinyl Chloride	0.605	0.629		3.97	20
Bromomethane	0.375	0.414		10.4	20
Chloroethane	0.393	0.421		7.13	20
Trichlorofluoromethane	0.985	1.050		6.6	20
1,1,2-Trichlorotrifluoroethane	0.521	0.558		7.1	20
1,1-Dichloroethene	0.525	0.571		8.76	20
Acetone	0.346	0.486		40.46	20
Carbon Disulfide	1.641	1.742		6.16	20
Methyl tert-butyl Ether	2.052	2.312		12.67	20
Methyl Acetate	0.866	1.021		17.9	20
Methylene Chloride	0.701	0.740		5.56	20
trans-1,2-Dichloroethene	0.644	0.687		6.68	20
1,1-Dichloroethane	1.166	1.286	0.1	10.29	20
Cyclohexane	0.944	0.995		5.4	20
2-Butanone	0.529	0.661		24.95	20
Carbon Tetrachloride	0.501	0.553		10.38	20
cis-1,2-Dichloroethene	0.766	0.843		10.05	20
Bromochloromethane	0.634	0.571		-9.94	20
Chloroform	1.275	1.405		10.2	20
1,1,1-Trichloroethane	1.077	1.199		11.33	20
Methylcyclohexane	0.482	0.548		13.69	20
Benzene	1.445	1.639		13.43	20
1,2-Dichloroethane	0.539	0.586		8.72	20
Trichloroethene	0.345	0.383		11.01	20
1,2-Dichloropropane	0.362	0.395		9.12	20
Bromodichloromethane	0.561	0.638		13.73	20
4-Methyl-2-Pentanone	0.563	0.667		18.47	20
Toluene	0.907	1.023		12.79	20
t-1,3-Dichloropropene	0.574	0.665		15.85	20
cis-1,3-Dichloropropene	0.596	0.691		15.94	20
1,1,2-Trichloroethane	0.369	0.409		10.84	20
2-Hexanone	0.372	0.484		30.11	20
Dibromochloromethane	0.434	0.493		13.59	20
1,2-Dibromoethane	0.390	0.433		11.03	20
Tetrachloroethene	0.305	0.331		8.52	20
Chlorobenzene	1.064	1.195	0.3	12.31	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3155</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>09/24/2025</u> <u>08:27</u>
Lab File ID:	<u>VN087933.D</u>	Init. Calib. Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:33</u> <u>11:47</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.775	2.044		15.15	20
m/p-Xylenes	0.679	0.798		17.53	20
o-Xylene	0.652	0.755		15.8	20
Styrene	1.120	1.317		17.59	20
Bromoform	0.311	0.365	0.1	17.36	20
Isopropylbenzene	3.099	3.630		17.14	20
1,1,2,2-Tetrachloroethane	1.117	1.230	0.3	10.12	20
1,3-Dichlorobenzene	1.609	1.851		15.04	20
1,4-Dichlorobenzene	1.654	1.885		13.97	20
1,2-Dichlorobenzene	1.551	1.733		11.73	20
1,2-Dibromo-3-Chloropropane	0.259	0.278		7.34	20
1,2,4-Trichlorobenzene	0.916	1.048		14.41	20
1,2,3-Trichlorobenzene	0.890	1.040		16.85	20
1,2-Dichloroethane-d4	0.841	0.796		-5.35	20
Dibromofluoromethane	0.363	0.341		-6.06	20
Toluene-d8	1.277	1.189		-6.89	20
4-Bromofluorobenzene	0.456	0.431		-5.48	20

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

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-01	COMP-1	SOIL	VOCMS Group1	8260D	09/18/25		09/19/25	09/19/25
Q3155-02	COMP-2	SOIL	VOCMS Group1	8260D	09/18/25		09/19/25	09/19/25
Q3155-03	COMP-3	SOIL	VOCMS Group1	8260D	09/18/25		09/19/25	09/19/25
Q3155-04	TB	Water	VOC-TCLVOA-10	8260D	09/18/25		09/24/25	09/19/25

Hit Summary Sheet
SW-846

SDG No.: Q3155

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID:

0

Total Voc :

Total Concentration:



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.8
Sample Wt/Vol:	4.93 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:	Date Analyzed	Prep Batch ID
VW032213.D	1	09/19/25 14:21	VW091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.87	U	0.87	5.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	5.80	ug/Kg
71-43-2	Benzene	0.91	U	0.91	5.80	ug/Kg
79-01-6	Trichloroethene	0.94	U	0.94	5.80	ug/Kg
108-88-3	Toluene	0.90	U	0.90	5.80	ug/Kg
100-41-4	Ethyl Benzene	0.77	U	0.77	5.80	ug/Kg
1330-20-7	Total Xylenes	2.35	U	2.35	17.4	ug/Kg
98-82-8	Isopropylbenzene	0.90	U	0.90	5.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.7		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	45.1		70 - 134	90%	SPK: 50
2037-26-5	Toluene-d8	42.3		74 - 123	85%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		17 - 146	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177000	7.965			
540-36-3	1,4-Difluorobenzene	381000	8.855			
3114-55-4	Chlorobenzene-d5	369000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	191000	13.556			

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.1
Sample Wt/Vol:	4.83 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:	Date Analyzed	Prep Batch ID
VW032214.D	1	09/19/25 14:43	VW091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.85	U	0.85	5.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	5.70	ug/Kg
71-43-2	Benzene	0.90	U	0.90	5.70	ug/Kg
79-01-6	Trichloroethene	0.92	U	0.92	5.70	ug/Kg
108-88-3	Toluene	0.89	U	0.89	5.70	ug/Kg
100-41-4	Ethyl Benzene	0.76	U	0.76	5.70	ug/Kg
1330-20-7	Total Xylenes	2.33	U	2.33	17.1	ug/Kg
98-82-8	Isopropylbenzene	0.89	U	0.89	5.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	45.8		70 - 134	92%	SPK: 50
2037-26-5	Toluene-d8	42.5		74 - 123	85%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		17 - 146	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	150000	7.965			
540-36-3	1,4-Difluorobenzene	332000	8.855			
3114-55-4	Chlorobenzene-d5	337000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	170000	13.556			

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.8
Sample Wt/Vol:	5.09 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:	Date Analyzed	Prep Batch ID
VW032215.D	1	09/19/25 15:05	VW091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.80	U	0.80	5.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.40	ug/Kg
71-43-2	Benzene	0.85	U	0.85	5.40	ug/Kg
79-01-6	Trichloroethene	0.87	U	0.87	5.40	ug/Kg
108-88-3	Toluene	0.83	U	0.83	5.40	ug/Kg
100-41-4	Ethyl Benzene	0.72	U	0.72	5.40	ug/Kg
1330-20-7	Total Xylenes	2.18	U	2.18	16.1	ug/Kg
98-82-8	Isopropylbenzene	0.83	U	0.83	5.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6		63 - 155	111%	SPK: 50
1868-53-7	Dibromofluoromethane	46.9		70 - 134	94%	SPK: 50
2037-26-5	Toluene-d8	43.6		74 - 123	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		17 - 146	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	145000	7.959			
540-36-3	1,4-Difluorobenzene	319000	8.855			
3114-55-4	Chlorobenzene-d5	320000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	158000	13.556			

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

Surrogate Summary

SDG No.: **Q3155**

Client: **Kleinfelder**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3155-01	COMP-1	1,2-Dichloroethane-d4	50	52.7	105		63	155
		Dibromofluoromethane	50	45.1	90		70	134
		Toluene-d8	50	42.3	85		74	123
		4-Bromofluorobenzene	50	48.0	96		17	146
Q3155-02	COMP-2	1,2-Dichloroethane-d4	50	55.0	110		63	155
		Dibromofluoromethane	50	45.8	92		70	134
		Toluene-d8	50	42.5	85		74	123
		4-Bromofluorobenzene	50	49.0	98		17	146
Q3155-03	COMP-3	1,2-Dichloroethane-d4	50	55.6	111		63	155
		Dibromofluoromethane	50	46.9	94		70	134
		Toluene-d8	50	43.6	87		74	123
		4-Bromofluorobenzene	50	48.8	98		17	146
VW0919SBL01	VW0919SBL01	1,2-Dichloroethane-d4	50	58.7	117		63	155
		Dibromofluoromethane	50	48.5	97		70	134
		Toluene-d8	50	44.7	89		74	123
		4-Bromofluorobenzene	50	47.4	95		17	146
VW0919SBS01	VW0919SBS01	1,2-Dichloroethane-d4	50	52.9	106		63	155
		Dibromofluoromethane	50	52.9	106		70	134
		Toluene-d8	50	52.6	105		74	123
		4-Bromofluorobenzene	50	50.3	101		17	146
VW0919SBSD0	VW0919SBSD01	1,2-Dichloroethane-d4	50	53.3	107		63	155
		Dibromofluoromethane	50	51.3	103		70	134
		Toluene-d8	50	51.5	103		74	123
		4-Bromofluorobenzene	50	49.5	99		17	146

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>VW032206.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VW0919SBS01	cis-1,2-Dichloroethene	20	20.2	ug/Kg	101			82	123	
	1,1,1-Trichloroethane	20	21.2	ug/Kg	106			80	126	
	Benzene	20	21.4	ug/Kg	107			84	121	
	Trichloroethene	20	20.6	ug/Kg	103			83	122	
	Toluene	20	21.2	ug/Kg	106			83	122	
	Ethyl Benzene	20	20.6	ug/Kg	103			82	124	
	m/p-Xylenes	40	42.5	ug/Kg	106			83	124	
	o-Xylene	20	20.3	ug/Kg	102			83	123	
	Isopropylbenzene	20	20.1	ug/Kg	101			82	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3155 Analytical Method: SW8260D
Client: Kleinfelder Datafile : VW032207.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VW0919SBSD01	cis-1,2-Dichloroethene	20	22.2	ug/Kg	111	9		82	123	20
	1,1,1-Trichloroethane	20	23.5	ug/Kg	117	10		80	126	20
	Benzene	20	22.6	ug/Kg	113	5		84	121	20
	Trichloroethene	20	22.3	ug/Kg	112	8		83	122	20
	Toluene	20	21.9	ug/Kg	110	4		83	122	20
	Ethyl Benzene	20	22.1	ug/Kg	111	7		82	124	20
	m/p-Xylenes	40	45.3	ug/Kg	113	6		83	124	20
	o-Xylene	20	21.7	ug/Kg	109	7		83	123	20
	Isopropylbenzene	20	20.8	ug/Kg	104	3		82	124	20

VOLATILE METHOD BLANK SUMMARY

Client ID

VW0919SBL01

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab File ID: VW032205.D

Lab Sample ID: VW0919SBL01

Date Analyzed: 09/19/2025

Time Analyzed: 10:08

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0919SBS01	VW0919SBS01	VW032206.D	09/19/2025
VW0919SBSD01	VW0919SBSD01	VW032207.D	09/19/2025
COMP-1	Q3155-01	VW032213.D	09/19/2025
COMP-2	Q3155-02	VW032214.D	09/19/2025
COMP-3	Q3155-03	VW032215.D	09/19/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab File ID: VW032136.D

BFB Injection Date: 08/26/2025

Instrument ID: MSVOA_W

BFB Injection Time: 08:38

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	20.3
75	30.0 - 60.0% of mass 95	55.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	76.2
175	5.0 - 9.0% of mass 174	5.9 (7.7) 1
176	95.0 - 101.0% of mass 174	73.7 (96.7) 1
177	5.0 - 9.0% of mass 176	4.9 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VW032137.D	08/26/2025	09:39
VSTDIC010	VSTDIC010	VW032138.D	08/26/2025	10:23
VSTDIC020	VSTDIC020	VW032139.D	08/26/2025	10:45
VSTDIC100	VSTDIC100	VW032141.D	08/26/2025	11:29
VSTDIC150	VSTDIC150	VW032142.D	08/26/2025	11:51
VSTDIC050	VSTDIC050	VW032144.D	08/26/2025	12:34

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VW032203.D
Instrument ID: MSVOA_W
GC Column: RXI-624 ID: 0.25 (mm)

Contract: POWE02
SDG NO.: Q3155
BFB Injection Date: 09/19/2025
BFB Injection Time: 08:22
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	56.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	69.5
175	5.0 - 9.0% of mass 174	5.7 (8.3) 1
176	95.0 - 101.0% of mass 174	67.9 (97.7) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032204.D	09/19/2025	09:38
VW0919SBL01	VW0919SBL01	VW032205.D	09/19/2025	10:08
VW0919SBS01	VW0919SBS01	VW032206.D	09/19/2025	10:35
VW0919SBSD01	VW0919SBSD01	VW032207.D	09/19/2025	10:57
COMP-1	Q3155-01	VW032213.D	09/19/2025	14:21
COMP-2	Q3155-02	VW032214.D	09/19/2025	14:43
COMP-3	Q3155-03	VW032215.D	09/19/2025	15:05

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02
Lab Code: ACE SDG NO.: Q3155
Lab File ID: VW032204.D Date Analyzed: 09/19/2025
Instrument ID: MSVOA_W Time Analyzed: 09:38
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	193605	7.95	337702	8.85	309889	11.63
UPPER LIMIT	387210	8.453	675404	9.349	619778	12.129
LOWER LIMIT	96802.5	7.453	168851	8.349	154945	11.129
EPA SAMPLE NO.						
COMP-1	176619	7.97	381216	8.86	368580	11.63
COMP-2	149567	7.97	332025	8.86	337360	11.63
COMP-3	145040	7.96	318815	8.86	319906	11.63
VW0919SBL01	128568	7.96	281974	8.85	287563	11.63
VW0919SBS01	187746	7.96	322734	8.85	298059	11.63
VW0919SBSD01	180121	7.96	317195	8.86	296209	11.64

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02
 Lab Code: ACE SDG NO.: Q3155
 Lab File ID: VW032204.D Date Analyzed: 09/19/2025
 Instrument ID: MSVOA_W Time Analyzed: 09:38
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	159183	13.556				
UPPER LIMIT	318366	14.056				
LOWER LIMIT	79591.5	13.056				
EPA SAMPLE NO.						
COMP-1	190890	13.56				
COMP-2	169813	13.56				
COMP-3	158309	13.56				
VW0919SBL01	136277	13.56				
VW0919SBS01	153629	13.56				
VW0919SBSD01	152766	13.56				

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VW0919SBL01	SDG No.:	Q3155
Lab Sample ID:	VW0919SBL01	Matrix:	SOIL
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VW032205.D	1	09/19/25 10:08	VW091925

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	58.7		63 - 155	117%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	44.7		74 - 123	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.4		17 - 146	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	129000	7.959			
540-36-3	1,4-Difluorobenzene	282000	8.849			
3114-55-4	Chlorobenzene-d5	288000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	136000	13.556			

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VW0919SBS01	SDG No.:	Q3155
Lab Sample ID:	VW0919SBS01	Matrix:	SOIL
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VW032206.D	1	09/19/25 10:35	VW091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	20.2		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.2		0.93	5.00	ug/Kg
71-43-2	Benzene	21.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.6		0.81	5.00	ug/Kg
108-88-3	Toluene	21.2		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.6		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	62.8		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	20.1		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		70 - 134	106%	SPK: 50
2037-26-5	Toluene-d8	52.7		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		17 - 146	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	188000	7.959			
540-36-3	1,4-Difluorobenzene	323000	8.849			
3114-55-4	Chlorobenzene-d5	298000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	154000	13.556			

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

Report of Analysis

Client:	Kleinfelder		Date Collected:		
Project:	Tanner G. Duckrey Public School		Date Received:		
Client Sample ID:	VW0919SBSD01		SDG No.:	Q3155	
Lab Sample ID:	VW0919SBSD01		Matrix:	SOIL	
Analytical Method:	8260D		% 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:	Date Analyzed	Prep Batch ID
VW032207.D	1	09/19/25 10:57	VW091925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	22.2		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	23.5		0.93	5.00	ug/Kg
71-43-2	Benzene	22.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	22.3		0.81	5.00	ug/Kg
108-88-3	Toluene	21.9		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	22.1		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	67.0		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	20.8		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		63 - 155	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	51.5		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	180000	7.959			
540-36-3	1,4-Difluorobenzene	317000	8.855			
3114-55-4	Chlorobenzene-d5	296000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	153000	13.556			

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: POWE02
Lab Code: ACE SDG No.: Q3155
Instrument ID: MSVOA_W Calibration Date(s): 08/26/2025 08/26/2025
Heated Purge: (Y/N) Y Calibration Time(s): 09:39 12:34
GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF005 = VW032137.D		RRF010 = VW032138.D		RRF020 = VW032139.D			
		RRF100 = VW032141.D		RRF150 = VW032142.D		RRF050 = VW032144.D			
COMPOUND	RRF005	RRF010	RRF020	RRF100	RRF150	RRF050	RRF	% RSD	
cis-1,2-Dichloroethene	0.734	0.721	0.722	0.705	0.689	0.739	0.718	2.6	
1,1,1-Trichloroethane	0.938	0.907	0.901	0.847	0.839	0.917	0.891	4.5	
Benzene	1.381	1.421	1.411	1.363	1.334	1.525	1.406	4.7	
Trichloroethene	0.350	0.359	0.352	0.343	0.343	0.374	0.354	3.3	
Toluene	0.890	0.920	0.912	0.902	0.879	1.010	0.919	5.1	
Ethyl Benzene	1.676	1.823	1.920	1.880	1.862	2.027	1.865	6.2	
m/p-Xylenes	0.627	0.700	0.751	0.730	0.699	0.798	0.718	8	
o-Xylene	0.581	0.659	0.695	0.688	0.699	0.752	0.679	8.4	
Isopropylbenzene	2.833	3.266	3.258	3.570	3.666	3.788	3.397	10.3	
1,2-Dichloroethane-d4	0.752	0.715	0.723	0.690	0.713	0.697	0.715	3.1	
Dibromofluoromethane	0.367	0.350	0.347	0.335	0.346	0.360	0.351	3.2	
Toluene-d8	1.173	1.215	1.235	1.191	1.253	1.322	1.231	4.3	
4-Bromofluorobenzene	0.448	0.431	0.450	0.447	0.468	0.489	0.455	4.5	

* 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.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3155</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>09/19/2025</u> <u>09:38</u>
Lab File ID:	<u>VW032204.D</u>	Init. Calib. Date(s):	<u>08/26/2025</u> <u>08/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:39</u> <u>12:34</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
cis-1,2-Dichloroethene	0.718	0.725		0.98	20
1,1,1-Trichloroethane	0.891	0.911		2.24	20
Benzene	1.406	1.384		-1.57	20
Trichloroethene	0.354	0.347		-1.98	20
Toluene	0.919	0.917		-0.22	20
Ethyl Benzene	1.865	1.878		0.7	20
m/p-Xylenes	0.718	0.729		1.53	20
o-Xylene	0.679	0.677		-0.29	20
Isopropylbenzene	3.397	3.509		3.3	20
1,2-Dichloroethane-d4	0.715	0.725		1.4	20
Dibromofluoromethane	0.351	0.334		-4.84	20
Toluene-d8	1.231	1.189		-3.41	20
4-Bromofluorobenzene	0.455	0.445		-2.2	20

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

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-01	COMP-1	SOIL	SVOCMS Group1	8270E	09/18/25	09/22/25	09/23/25	09/19/25
Q3155-02	COMP-2	SOIL	SVOCMS Group1	8270E	09/18/25	09/22/25	09/23/25	09/19/25
Q3155-03	COMP-3	SOIL	SVOCMS Group1	8270E	09/18/25	09/22/25	09/23/25	09/19/25

Hit Summary Sheet SW-846

SDG No.: Q3155
Client: Kleinfelder

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

Hit Summary Sheet
SW-846

SDG No.: Q3155
Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064437.D	1	09/22/25 09:30	09/23/25 13:18	PB169774

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064437.D	1	09/22/25 09:30	09/23/25 13:18	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064438.D	1	09/22/25 09:30	09/23/25 13:59	PB169774

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064438.D	1	09/22/25 09:30	09/23/25 13:59	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064439.D	1	09/22/25 09:30	09/23/25 14:40	PB169774

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup :
		N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064439.D	1	09/22/25 09:30	09/23/25 14:40	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Surrogate Summary

SW-846

SDG No.: Q3155

Client: Kleinfelder

Analytical Method: 8270E

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3155

Analytical Method: SW8270E

Client: Kleinfelder

DataFile: BP025835.D

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3155

Analytical Method: SW8270E

Client: Kleinfelder

DataFile: BP025836.D

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3155</u>	Analytical Method: <u>8270E</u>
Client: <u>Kleinfelder</u>	DataFile: <u>BP025829.D</u>

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169774BL

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab File ID: BP025828.D

Lab Sample ID: PB169774BL

Instrument ID: BNA_P

Date Extracted: 09/22/2025

Matrix: (soil/water) SOIL

Date Analyzed: 09/23/2025

Level: (low/med) LOW

Time Analyzed: 13:48

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

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

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064217.D
Instrument ID: BNA_G

Contract: POWE02
SDG NO.: Q3155
DFTPP Injection Date: 08/28/2025
DFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	34.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	90.8
443	15.0 - 24.0% of mass 442	17 (18.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064218.D	08/28/2025	10:51
SSTDICC005	SSTDICC005	BG064219.D	08/28/2025	11:32
SSTDICC010	SSTDICC010	BG064220.D	08/28/2025	12:12
SSTDICC020	SSTDICC020	BG064221.D	08/28/2025	12:53
SSTDICCC040	SSTDICCC040	BG064222.D	08/28/2025	13:33
SSTDICC050	SSTDICC050	BG064223.D	08/28/2025	14:55
SSTDICC060	SSTDICC060	BG064224.D	08/28/2025	15:35
SSTDICC080	SSTDICC080	BG064225.D	08/28/2025	16:16

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064434.D
Instrument ID: BNA_G

Contract: POWE02
SDG NO.: Q3155
DFTPP Injection Date: 09/23/2025
DFTPP Injection Time: 10:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	29.5
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	6.4
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064435.D	09/23/2025	11:28
COMP-1	Q3155-01	BG064437.D	09/23/2025	13:18
COMP-2	Q3155-02	BG064438.D	09/23/2025	13:59
COMP-3	Q3155-03	BG064439.D	09/23/2025	14:40

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025724.D
Instrument ID: BNA_P

Contract: POWE02
SDG NO.: Q3155
DFTPP Injection Date: 09/11/2025
DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	69.4
443	15.0 - 24.0% of mass 442	13.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025823.D
Instrument ID: BNA_P

Contract: POWE02
SDG NO.: Q3155
DFTPP Injection Date: 09/23/2025
DFTPP Injection Time: 09:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.9
442	Greater than 50% of mass 198	76
443	15.0 - 24.0% of mass 442	14.8 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025824.D	09/23/2025	11:03
PB169774BL	PB169774BL	BP025828.D	09/23/2025	13:48
PB169774BS	PB169774BS	BP025829.D	09/23/2025	14:29
OR-500-COMP-40MS	Q3153-05MS	BP025835.D	09/23/2025	18:41
OR-500-COMP-40MSD	Q3153-05MSD	BP025836.D	09/23/2025	19:22

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3155

Client ID : SSTDCCC040

Date Analyzed: 09/23/2025

Lab File ID: BG064435.D

Time Analyzed: 11:28

Instrument ID: BNA_G

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	19841	7.843	85807	10.63	61310	14.47
UPPER LIMIT	39682	8.343	171614	11.128	122620	14.965
LOWER LIMIT	9920.5	7.343	42903.5	10.128	30655	13.965
EPA SAMPLE NO.						
01 COMP-1	19558	7.84	83888	10.62	59255	14.46
02 COMP-2	22529	7.84	95164	10.62	68543	14.46
03 COMP-3	22469	7.84	93751	10.63	66454	14.46

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3155

Client ID: SSTDCCC040

Date Analyzed: 09/23/2025

Lab File ID: BG064435.D

Time Analyzed: 11:28

Instrument ID: BNA_G

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	146814	17.203	160877	21.433	172846	24.43
UPPER LIMIT	293628	17.703	321754	21.933	345692	24.93
LOWER LIMIT	73407	16.703	80438.5	20.933	86423	23.93
EPA SAMPLE NO.						
01 COMP-1	141083	17.20	152528	21.43	170295	24.43
02 COMP-2	152982	17.20	165680	21.43	182154	24.42
03 COMP-3	149111	17.20	164886	21.43	182770	24.44

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3155

Client ID : SSTDCCC040

Date Analyzed: 09/23/2025

Lab File ID: BP025824.D

Time Analyzed: 11:03

Instrument ID: BNA_P

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

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

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3155

Client ID: SSTDCCC040

Date Analyzed: 09/23/2025

Lab File ID: BP025824.D

Time Analyzed: 11:03

Instrument ID: BNA_P

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

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

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169774BL	SDG No.:	Q3155
Lab Sample ID:	PB169774BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025828.D	1	09/22/25 09:30	09/23/25 13:48	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	72.8		18 - 107	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.4		20 - 109	71%	SPK: 100
1718-51-0	Terphenyl-d14	67.4		10 - 105	67%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	227000	7.749			
1146-65-2	Naphthalene-d8	890000	10.519			
15067-26-2	Acenaphthene-d10	601000	14.372			
1517-22-2	Phenanthrene-d10	1400000	17.178			
1719-03-5	Chrysene-d12	1750000	21.636			
1520-96-3	Perylene-d12	1630000	25.001			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169774BL	SDG No.:	Q3155
Lab Sample ID:	PB169774BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025828.D	1	09/22/25 09:30	09/23/25 13:48	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169774BS	SDG No.:	Q3155
Lab Sample ID:	PB169774BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025829.D	1	09/22/25 09:30	09/23/25 14:29	PB169774

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169774BS	SDG No.:	Q3155
Lab Sample ID:	PB169774BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025829.D	1	09/22/25 09:30	09/23/25 14:29	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-40MS	SDG No.:	Q3155
Lab Sample ID:	Q3153-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025835.D	1	09/22/25 09:30	09/23/25 18:41	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	1000		15.7	120	ug/Kg
86-73-7	Fluorene	1000		17.5	120	ug/Kg
85-01-8	Phenanthrene	1000		14.4	120	ug/Kg
120-12-7	Anthracene	1000		23.0	120	ug/Kg
129-00-0	Pyrene	1100		24.9	120	ug/Kg
56-55-3	Benzo(a)anthracene	1000		15.9	120	ug/Kg
218-01-9	Chrysene	1000		13.8	120	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		13.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1000		20.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		20.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		17.8	120	ug/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	57.1		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.9		20 - 109	49%	SPK: 100
1718-51-0	Terphenyl-d14	56.1		10 - 105	56%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	186000	7.748
1146-65-2	Naphthalene-d8	779000	10.513
15067-26-2	Acenaphthene-d10	543000	14.372
1517-22-2	Phenanthrene-d10	1060000	17.177
1719-03-5	Chrysene-d12	916000	21.63
1520-96-3	Perylene-d12	1000000	24.983

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-40MS	SDG No.:	Q3155
Lab Sample ID:	Q3153-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025835.D	1	09/22/25 09:30	09/23/25 18:41	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-40MSD	SDG No.:	Q3155
Lab Sample ID:	Q3153-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025836.D	1	09/22/25 09:30	09/23/25 19:22	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	1000		15.7	120	ug/Kg
86-73-7	Fluorene	1000		17.5	120	ug/Kg
85-01-8	Phenanthrene	1000		14.4	120	ug/Kg
120-12-7	Anthracene	1100		23.0	120	ug/Kg
129-00-0	Pyrene	1200		24.9	120	ug/Kg
56-55-3	Benzo(a)anthracene	1100		15.9	120	ug/Kg
218-01-9	Chrysene	1100		13.7	120	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		13.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		20.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		20.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		17.7	120	ug/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	59.7		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.7		20 - 109	50%	SPK: 100
1718-51-0	Terphenyl-d14	59.6		10 - 105	60%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	217000	7.749
1146-65-2	Naphthalene-d8	953000	10.519
15067-26-2	Acenaphthene-d10	680000	14.378
1517-22-2	Phenanthrene-d10	1330000	17.178
1719-03-5	Chrysene-d12	1030000	21.63
1520-96-3	Perylene-d12	1170000	24.983

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-40MSD	SDG No.:	Q3155
Lab Sample ID:	Q3153-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025836.D	1	09/22/25 09:30	09/23/25 19:22	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

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

Calibration Files

2.5 =BG064218.D 5 =BG064219.D 10 =BG064220.D 20 =BG064221.D 40 =BG064222.D 50 =BG064223.D 60 =BG064224.D 80 =BG064225.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD

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

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

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

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

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

(#) = Out of Range

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

Calibration Files

2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP025732.D

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

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

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

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

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

(#) = Out of Range

2,4-Dinitrophenol

Response Ratio

7

A

B

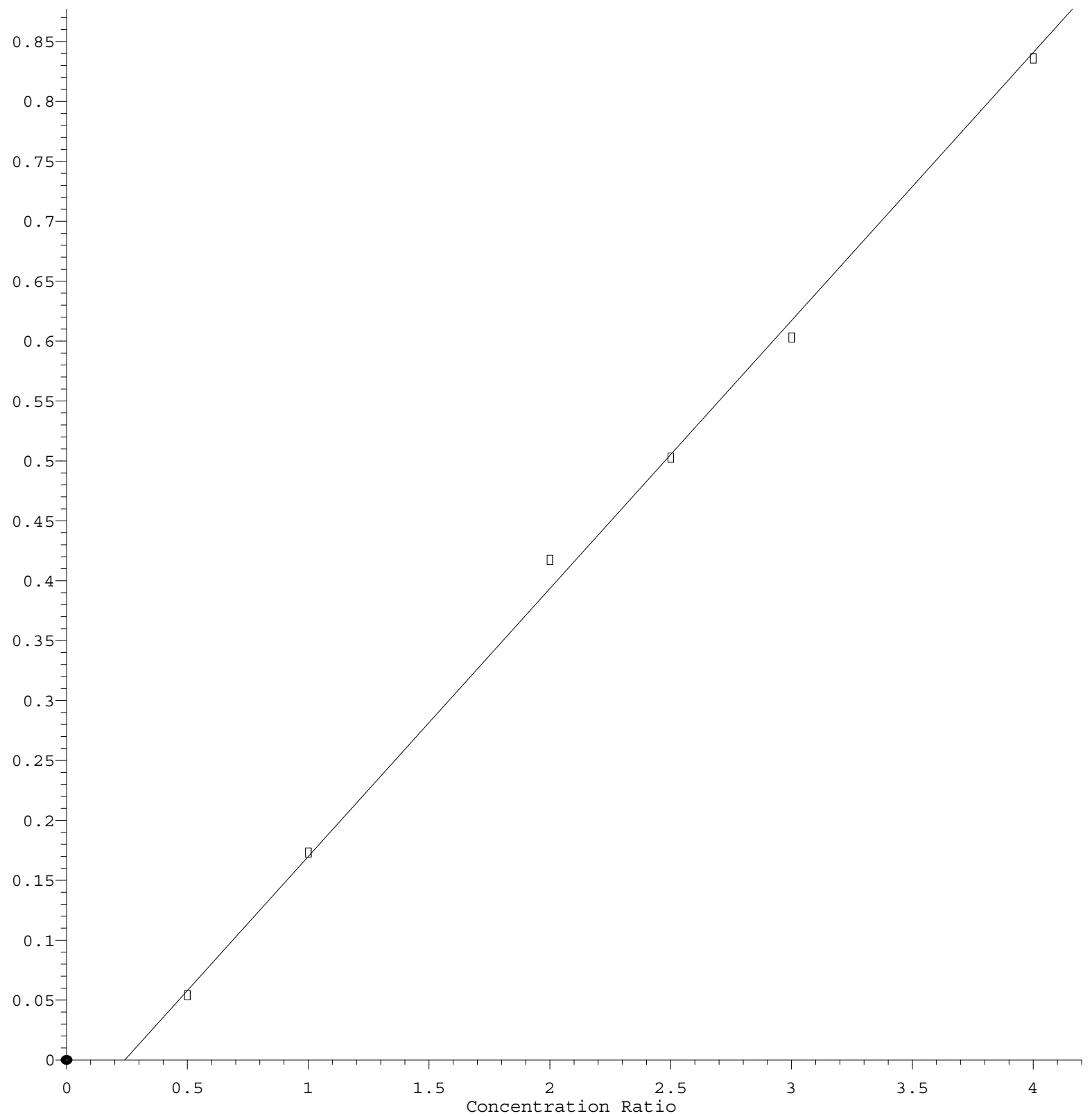
C

D

E

F

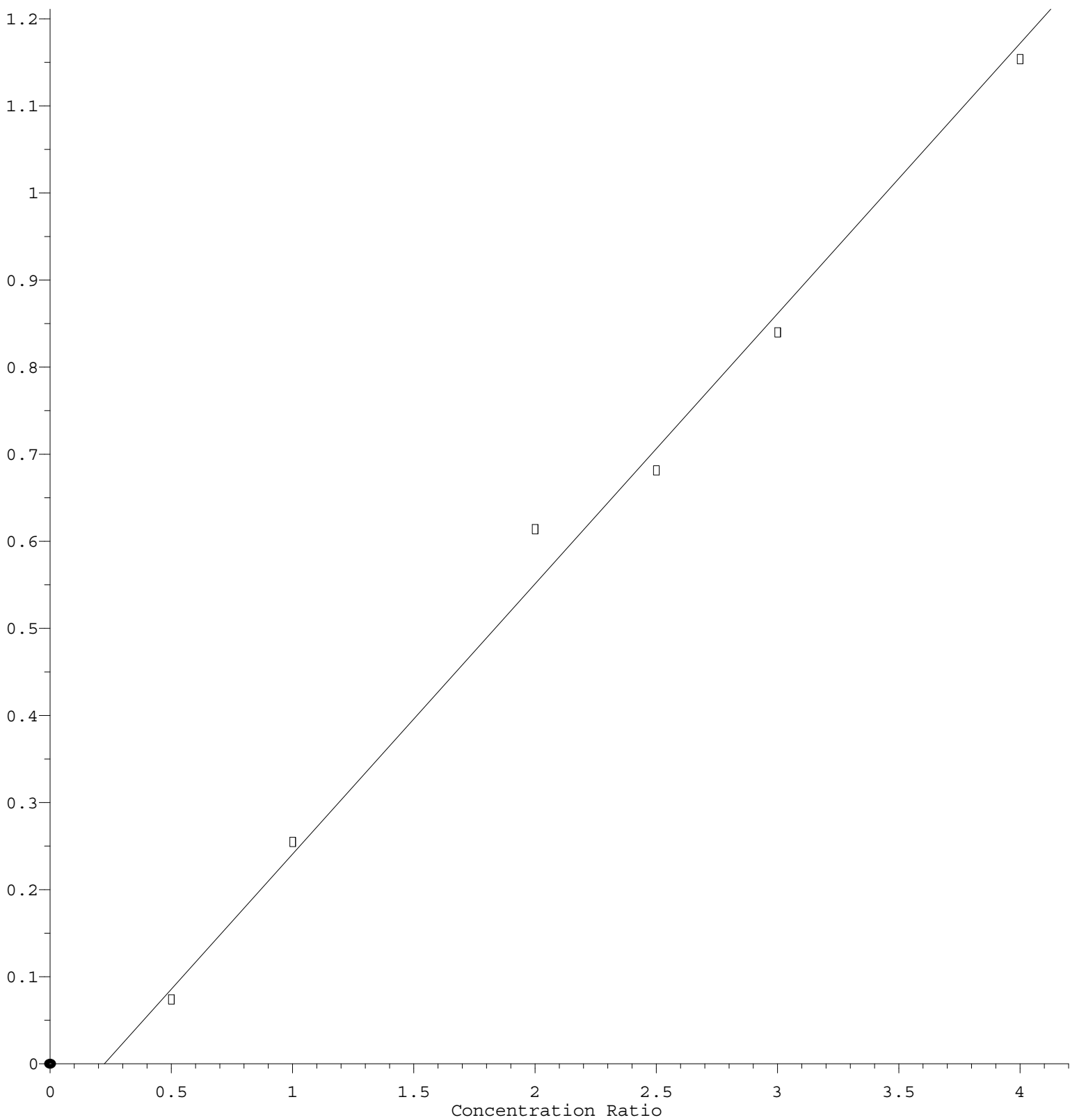
G



Response = 2.238e-001 * Amt - 5.399e-002
 Coef of Det (r^2) = 0.998392 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\810561312
 Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

4-Nitrophenol

Response Ratio



7

A

B

C

D

E

F

G

Response = 3.103e-001 * Amt - 6.955e-002
 Coef of Det (r^2) = 0.993923 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8106 of 312
 Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02
Lab Code: ACE SDG No.: Q3155
Instrument ID: BNA_G Calibration Date/Time: 09/23/2025 11:28
Lab File ID: BG064435.D Init. Calib. Date(s): 08/28/2025 08/28/2025
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:51 16:16
GC Column: ZB-GR ID: 0.25 (mm)

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

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3155</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>09/23/2025 11:03</u>
Lab File ID:	<u>BP025824.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>08:56 15:20</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

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

All other compounds must meet a minimum RRF of 0.010.

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-01	COMP-1	SOIL			09/18/25			09/19/25
			PCB Group1	8082A		09/22/25	09/22/25	
			PESTICIDE Group1	8081B		09/22/25	09/22/25	
Q3155-02	COMP-2	SOIL			09/18/25			09/19/25
			PCB Group1	8082A		09/22/25	09/22/25	
			PESTICIDE Group1	8081B		09/22/25	09/22/25	
Q3155-03	COMP-3	SOIL			09/18/25			09/19/25
			PCB Group1	8082A		09/22/25	09/22/25	
			PESTICIDE Group1	8081B		09/22/25	09/23/25	

Hit Summary Sheet SW-846

SDG No.: Q3155

Order ID: Q3155

Client: Kleinfelder

Project ID: Tanner G. Duckrey Public School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
Q3155-01	COMP-1	SOIL	Dieldrin	0.86	JP	0.16	1.90	ug/kg
Q3155-01	COMP-1	SOIL	4,4-DDE	9.80		0.16	1.90	ug/kg
Q3155-01	COMP-1	SOIL	4,4-DDD	2.40	P	0.17	1.90	ug/kg
Q3155-01	COMP-1	SOIL	4,4-DDT	4.80		0.16	1.90	ug/kg
Total Concentration:				17.860				
Client ID : COMP-2								
Q3155-02	COMP-2	SOIL	Dieldrin	1.60	JP	0.15	1.90	ug/kg
Q3155-02	COMP-2	SOIL	4,4-DDE	9.30		0.15	1.90	ug/kg
Q3155-02	COMP-2	SOIL	4,4-DDD	2.50	P	0.16	1.90	ug/kg
Q3155-02	COMP-2	SOIL	4,4-DDT	9.90		0.15	1.90	ug/kg
Total Concentration:				23.300				
Client ID : COMP-3								
Q3155-03	COMP-3	SOIL	4,4-DDE	18.6		0.15	1.80	ug/kg
Q3155-03	COMP-3	SOIL	4,4-DDD	2.00	P	0.16	1.80	ug/kg
Q3155-03	COMP-3	SOIL	4,4-DDT	7.50		0.15	1.80	ug/kg
Total Concentration:				28.100				



SAMPLE DATA

A

B

C

D

E

F

G

H

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87.8
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097350.D	1	09/22/25 08:41	09/22/25 23:38	PB169772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.14	U	0.14	1.90	ug/kg
60-57-1	Dieldrin	0.86	JP	0.16	1.90	ug/kg
72-55-9	4,4-DDE	9.80		0.16	1.90	ug/kg
72-54-8	4,4-DDD	2.40	P	0.17	1.90	ug/kg
50-29-3	4,4-DDT	4.80		0.16	1.90	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.0		20 - 144	65%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.3		19 - 148	72%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	91.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097351.D	1	09/22/25 08:41	09/22/25 23:52	PB169772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
60-57-1	Dieldrin	1.60	JP	0.15	1.90	ug/kg
72-55-9	4,4-DDE	9.30		0.15	1.90	ug/kg
72-54-8	4,4-DDD	2.50	P	0.16	1.90	ug/kg
50-29-3	4,4-DDT	9.90		0.15	1.90	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.4		20 - 144	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.5		19 - 148	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	91.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097352.D	1	09/22/25 08:41	09/23/25 00:05	PB169772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.13	U	0.13	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	18.6		0.15	1.80	ug/kg
72-54-8	4,4-DDD	2.00	P	0.16	1.80	ug/kg
50-29-3	4,4-DDT	7.50		0.15	1.80	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.6		20 - 144	58%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.4		19 - 148	57%	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

Surrogate Summary

SDG No.: **Q3155**

Client: **Kleinfelder**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PL097268.D	PIBLK-PL097268.D	Decachlorobiphen	1	20	17.3	87		57	171
		Tetrachloro-m-xyl	1	20	15.6	78		61	148
		Decachlorobiphen	2	20	17.1	86		57	171
		Tetrachloro-m-xyl	2	20	16.0	80		61	148
I.BLK-PL097315.D	PIBLK-PL097315.D	Decachlorobiphen	1	20	20.8	104		57	171
		Tetrachloro-m-xyl	1	20	17.6	88		61	148
		Decachlorobiphen	2	20	18.6	93		57	171
		Tetrachloro-m-xyl	2	20	18.7	94		61	148
PB169772BL	PB169772BL	Decachlorobiphen	1	20	16.8	84		20	144
		Tetrachloro-m-xyl	1	20	14.9	75		19	148
		Decachlorobiphen	2	20	14.7	73		20	144
		Tetrachloro-m-xyl	2	20	15.3	76		19	148
PB169772BS	PB169772BS	Decachlorobiphen	1	20	25.4	127		20	144
		Tetrachloro-m-xyl	1	20	23.5	117		19	148
		Decachlorobiphen	2	20	22.5	112		20	144
		Tetrachloro-m-xyl	2	20	23.6	118		19	148
I.BLK-PL097327.D	PIBLK-PL097327.D	Decachlorobiphen	1	20	20.2	101		57	171
		Tetrachloro-m-xyl	1	20	18.6	93		61	148
		Decachlorobiphen	2	20	17.3	87		57	171
		Tetrachloro-m-xyl	2	20	18.6	93		61	148
I.BLK-PL097339.D	PIBLK-PL097339.D	Decachlorobiphen	1	20	21.0	105		57	171
		Tetrachloro-m-xyl	1	20	18.3	91		61	148
		Decachlorobiphen	2	20	19.2	96		57	171
		Tetrachloro-m-xyl	2	20	18.9	95		61	148
Q3153-01MS	OR-500-COMP-39MS	Decachlorobiphen	1	20	13.1	65		20	144
		Tetrachloro-m-xyl	1	20	15.0	75		19	148
		Decachlorobiphen	2	20	11.5	58		20	144
		Tetrachloro-m-xyl	2	20	15.4	77		19	148
Q3153-01MSD	OR-500-COMP-39MSD	Decachlorobiphen	1	20	12.9	64		20	144
		Tetrachloro-m-xyl	1	20	14.9	74		19	148
		Decachlorobiphen	2	20	11.5	57		20	144
		Tetrachloro-m-xyl	2	20	15.4	77		19	148
Q3155-01	COMP-1	Decachlorobiphen	1	20	13.0	65		20	144
		Tetrachloro-m-xyl	1	20	14.1	71		19	148
		Decachlorobiphen	2	20	12.2	61		20	144
		Tetrachloro-m-xyl	2	20	14.3	72		19	148
Q3155-02	COMP-2	Decachlorobiphen	1	20	17.2	86		20	144
		Tetrachloro-m-xyl	1	20	16.5	83		19	148
		Decachlorobiphen	2	20	17.4	87		20	144
		Tetrachloro-m-xyl	2	20	16.1	80		19	148
Q3155-03	COMP-3	Decachlorobiphen	1	20	11.6	58		20	144

Surrogate Summary

SDG No.: Q3155

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q3155-03	COMP-3	Tetrachloro-m-xyl	1	20	11.4	57		19	148
		Decachlorobiphen	2	20	10.6	53		20	144
		Tetrachloro-m-xyl	2	20	11.1	56		19	148
I.BLK-PL097354.D	PIBLK-PL097354.D	Decachlorobiphen	1	20	20.8	104		57	171
		Tetrachloro-m-xyl	1	20	18.1	91		61	148
		Decachlorobiphen	2	20	17.4	87		57	171
		Tetrachloro-m-xyl	2	20	18.6	93		61	148

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Kleinfelder</u>	DataFile :	<u>PL097347.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3153-01MS (Column 1)	Client Sample ID:		OR-500-COMP-39MS								
	Aldrin	17.89	0	13.7	ug/kg	77				49	139	
	Dieldrin	17.89	0	13.7	ug/kg	77				47	161	
	4,4'-DDE	17.89	0	13.9	ug/kg	78				55	136	
	4,4'-DDD	17.89	0	14.8	ug/kg	83				47	163	
	4,4'-DDT	17.89	0	12.7	ug/kg	71				51	146	
Lab Sample ID:	Q3153-01MS (Column 2)	Client Sample ID:		OR-500-COMP-39MS								
	Aldrin	17.89	0	13.7	ug/kg	77				49	139	
	Dieldrin	17.89	0	13.5	ug/kg	75				47	161	
	4,4'-DDE	17.89	0	13.5	ug/kg	75				55	136	
	4,4'-DDD	17.89	0	13.0	ug/kg	73				47	163	
	4,4'-DDT	17.89	0	11.9	ug/kg	67				51	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Kleinfelder</u>	DataFile :	<u>PL097348.D</u>

	Parameter	Spike	Sample		Units	Rec		RPD		Limits		
			Result	Result		Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3153-01MSD (Column 1)	Client Sample ID:		OR-500-COMP-39MSD								
	Aldrin	17.88	0	13.6	ug/kg	76		1		49	139	20
	Dieldrin	17.88	0	13.5	ug/kg	76		1		47	161	20
	4,4'-DDE	17.88	0	13.7	ug/kg	77		1		55	136	20
	4,4'-DDD	17.88	0	14.6	ug/kg	82		1		47	163	20
	4,4'-DDT	17.88	0	12.4	ug/kg	69		3		51	146	20
Lab Sample ID:	Q3153-01MSD (Column 2)	Client Sample ID:		OR-500-COMP-39MSD								
	Aldrin	17.88	0	13.6	ug/kg	76		1		49	139	20
	Dieldrin	17.88	0	13.3	ug/kg	74		1		47	161	20
	4,4'-DDE	17.88	0	13.4	ug/kg	75		0		55	136	20
	4,4'-DDD	17.88	0	12.9	ug/kg	72		1		47	163	20
	4,4'-DDT	17.88	0	11.7	ug/kg	65		3		51	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>PL097320.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169772BS (Column 1)	Aldrin	16.66	15.6	ug/kg	94				82	124		
	Dieldrin	16.66	15.8	ug/kg	95				85	121		
	4,4'-DDE	16.66	16.3	ug/kg	98				81	123		
	4,4'-DDD	16.66	16.6	ug/kg	100				80	131		
	4,4'-DDT	16.66	14.8	ug/kg	89				70	129		
PB169772BS (Column 2)	Aldrin	16.66	15.5	ug/kg	93				82	124		
	Dieldrin	16.66	15.4	ug/kg	92				85	121		
	4,4'-DDE	16.66	15.6	ug/kg	94				81	123		
	4,4'-DDD	16.66	16.0	ug/kg	96				80	131		
	4,4'-DDT	16.66	14.3	ug/kg	86				70	129		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169772BL

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab Sample ID: PB169772BL

Lab File ID: PL097319.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/22/2025

Date Analyzed (1): 09/22/2025

Date Analyzed (2): 09/22/2025

Time Analyzed (1): 13:30

Time Analyzed (2): 13:30

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
PB169772BS	PB169772BS	PL097320.D	09/22/2025	09/22/2025
OR-500-COMP-39MS	Q3153-01MS	PL097347.D	09/22/2025	09/22/2025
OR-500-COMP-39MSD	Q3153-01MSD	PL097348.D	09/22/2025	09/22/2025
COMP-1	Q3155-01	PL097350.D	09/22/2025	09/22/2025
COMP-2	Q3155-02	PL097351.D	09/22/2025	09/22/2025
COMP-3	Q3155-03	PL097352.D	09/23/2025	09/23/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169772BL	SDG No.:	Q3155
Lab Sample ID:	PB169772BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097319.D	1	09/22/25 08:41	09/22/25 13:30	PB169772

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	16.8		20 - 144	84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.3		19 - 148	76%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/18/25
Client Sample ID:	PIBLK-PL097268.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PL097268.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097268.D	1		09/18/25	PL092025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		57 - 171	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.0		61 - 148	80%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/22/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/22/25
Client Sample ID:	PIBLK-PL097315.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PL097315.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097315.D	1		09/22/25	pl092225

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	20.8		57 - 171	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.7		61 - 148	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/22/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/22/25
Client Sample ID:	PIBLK-PL097327.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PL097327.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097327.D	1		09/22/25	pl092225

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	20.2		57 - 171	101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		61 - 148	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/22/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/22/25
Client Sample ID:	PIBLK-PL097339.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PL097339.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097339.D	1		09/22/25	pl092225

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	21.0		57 - 171	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		61 - 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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/23/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/23/25
Client Sample ID:	PIBLK-PL097354.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PL097354.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	10000
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097354.D	1		09/23/25	pl092225

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	20.8		57 - 171	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		61 - 148	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169772BS	SDG No.:	Q3155
Lab Sample ID:	PB169772BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097320.D	1	09/22/25 08:41	09/22/25 13:44	PB169772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	15.6		0.12	1.70	ug/kg
60-57-1	Dieldrin	15.8		0.14	1.70	ug/kg
72-55-9	4,4-DDE	16.3		0.14	1.70	ug/kg
72-54-8	4,4-DDD	16.6		0.15	1.70	ug/kg
50-29-3	4,4-DDT	14.8		0.14	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.4		20 - 144	127%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.6		19 - 148	118%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-39MS	SDG No.:	Q3155
Lab Sample ID:	Q3153-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	93
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097347.D	1	09/22/25 08:41	09/22/25 22:57	PB169772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	13.7		0.13	1.80	ug/kg
60-57-1	Dieldrin	13.7		0.15	1.80	ug/kg
72-55-9	4,4-DDE	13.9		0.15	1.80	ug/kg
72-54-8	4,4-DDD	14.8		0.16	1.80	ug/kg
50-29-3	4,4-DDT	12.7		0.15	1.80	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.1		20 - 144	65%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.4		19 - 148	77%	SPK: 20

Comments:

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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

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-39MSD	SDG No.:	Q3155
Lab Sample ID:	Q3153-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	93
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097348.D	1	09/22/25 08:41	09/22/25 23:11	PB169772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	13.6		0.13	1.80	ug/kg
60-57-1	Dieldrin	13.5		0.15	1.80	ug/kg
72-55-9	4,4-DDE	13.7		0.15	1.80	ug/kg
72-54-8	4,4-DDD	14.6		0.16	1.80	ug/kg
50-29-3	4,4-DDT	12.4		0.15	1.80	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	12.9		20 - 144	64%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.4		19 - 148	77%	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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Instrument ID:	<u>ECD_L</u>	Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
		Calibration Times:	<u>17:06</u> <u>18:00</u>

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

LAB FILE ID:	RT 100 = <u>PL097271.D</u>	RT 075 = <u>PL097272.D</u>
RT 050 = <u>PL097273.D</u>	RT 025 = <u>PL097274.D</u>	RT 005 = <u>PL097275.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
4,4'-DDE	6.16	6.16	6.16	6.16	6.16	6.16	6.06	6.26
4,4'-DDT	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
Aldrin	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Decachlorobiphenyl	9.00	9.00	9.00	9.00	9.00	9.00	8.90	9.10
Dieldrin	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Tetrachloro-m-xylene	3.53	3.53	3.53	3.53	3.53	3.53	3.43	3.63

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Instrument ID:	<u>ECD_L</u>	Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
		Calibration Times:	<u>17:06</u> <u>18:00</u>

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

LAB FILE ID:	RT 100 = <u>PL097271.D</u>	RT 075 = <u>PL097272.D</u>
RT 050 = <u>PL097273.D</u>	RT 025 = <u>PL097274.D</u>	RT 005 = <u>PL097275.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
4,4'-DDE	5.30	5.30	5.30	5.30	5.30	5.30	5.20	5.40
4,4'-DDT	6.10	6.10	6.10	6.10	6.10	6.10	6.00	6.20
Aldrin	4.29	4.29	4.29	4.29	4.29	4.29	4.19	4.39
Decachlorobiphenyl	7.98	7.99	7.98	7.98	7.98	7.98	7.88	8.08
Dieldrin	5.43	5.43	5.43	5.43	5.43	5.43	5.33	5.53
Tetrachloro-m-xylene	2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: POWE02
SDG NO.: Q3155

Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID: CF 100 = <u>PL097271.D</u>CF 075 = <u>PL097272.D</u> CF 050 = <u>PL097273.D</u>CF 025 = <u>PL097274.D</u>CF 005 = <u>PL097275.D</u>							
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3890970000	3788420000	3762720000	3580660000	3829940000	3770540000	3
4,4'-DDE	4963980000	4819990000	4737070000	4512820000	4789690000	4764710000	3
4,4'-DDT	4402840000	4274830000	4245340000	4064150000	4148830000	4227200000	3
Aldrin	6552430000	6368880000	6295000000	6072640000	6380380000	6333870000	3
Decachlorobiphenyl	3151670000	3121880000	3187620000	3242730000	3657150000	3272210000	7
Dieldrin	5667980000	5504780000	5450620000	5257570000	5529790000	5482150000	3
Tetrachloro-m-xylene	4554070000	4459430000	4465020000	4402740000	4754560000	4527160000	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: POWE02
SDG NO.: Q3155

Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID:		CF 100 =	<u>PL097271.D</u>	CF 075 =	<u>PL097272.D</u>		
CF 050 =		<u>PL097273.D</u>	CF 025 =	<u>PL097274.D</u>	CF 005 =	<u>PL097275.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	6589410000	6442790000	6358010000	6264340000	6590870000	6449080000	2
4,4'-DDE	7911410000	7746610000	7699440000	7406140000	7660040000	7684730000	2
4,4'-DDT	7190090000	7022180000	6972860000	6696570000	6720750000	6920490000	3
Aldrin	8860980000	8673260000	8661660000	8404070000	8796570000	8679310000	2
Decachlorobiphenyl	5360550000	5307930000	5459740000	5623180000	6706450000	5691570000	10
Dieldrin	8251310000	8119720000	8132170000	7909230000	8471500000	8176790000	3
Tetrachloro-m-xylene	6546800000	6457210000	6449880000	6384190000	7039690000	6575560000	4

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q3155

Instrument ID: _____ Date(s) Analyzed: _____

GC Column: _____ ID: _____ (mm)

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

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Continuing Calib Date:	<u>09/22/2025</u>	Initial Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
Continuing Calib Time:	<u>11:33</u>	Initial Calibration Time(s):	<u>17:06</u> <u>18:00</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Dieldrin	6.31	6.31	6.21	6.41	0.01
4,4'-DDE	6.16	6.16	6.06	6.26	0.00
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
4,4'-DDT	6.98	6.98	6.88	7.08	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Continuing Calib Date:	<u>09/22/2025</u>	Initial Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
Continuing Calib Time:	<u>11:33</u>	Initial Calibration Time(s):	<u>17:06</u> <u>18:00</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Dieldrin	5.43	5.43	5.33	5.53	0.00
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
4,4'-DDT	6.10	6.10	6.00	6.20	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097317.D **Time Analyzed:** 11:33

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.664	6.566	6.766	51.270	50.000	2.5
4,4'-DDE	6.156	6.056	6.256	50.930	50.000	1.9
4,4'-DDT	6.978	6.880	7.080	47.230	50.000	-5.5
Aldrin	5.232	5.132	5.332	49.650	50.000	-0.7
Decachlorobiphenyl	8.997	8.902	9.102	49.650	50.000	-0.7
Dieldrin	6.305	6.206	6.406	49.240	50.000	-1.5
Tetrachloro-m-xylene	3.527	3.428	3.628	49.820	50.000	-0.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097317.D **Time Analyzed:** 11:33

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.848	5.750	5.950	49.680	50.000	-0.6
4,4'-DDE	5.296	5.197	5.397	49.380	50.000	-1.2
4,4'-DDT	6.101	6.002	6.202	47.130	50.000	-5.7
Aldrin	4.290	4.191	4.391	49.760	50.000	-0.5
Decachlorobiphenyl	7.982	7.884	8.084	44.610	50.000	-10.8
Dieldrin	5.427	5.328	5.528	49.310	50.000	-1.4
Tetrachloro-m-xylene	2.824	2.724	2.924	49.770	50.000	-0.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
Continuing Calib Date: 09/22/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025
Continuing Calib Time: 18:11 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Dieldrin	6.31	6.31	6.21	6.41	0.01
4,4'-DDE	6.16	6.16	6.06	6.26	0.00
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
4,4'-DDT	6.98	6.98	6.88	7.08	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Continuing Calib Date:	<u>09/22/2025</u>	Initial Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
Continuing Calib Time:	<u>18:11</u>	Initial Calibration Time(s):	<u>17:06</u> <u>18:00</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Dieldrin	5.43	5.43	5.33	5.53	0.00
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
4,4'-DDT	6.10	6.10	6.00	6.20	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097328.D **Time Analyzed:** 18:11

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.664	6.566	6.766	52.070	50.000	4.1
4,4'-DDE	6.156	6.056	6.256	50.410	50.000	0.8
4,4'-DDT	6.979	6.880	7.080	45.630	50.000	-8.7
Aldrin	5.232	5.132	5.332	50.300	50.000	0.6
Decachlorobiphenyl	9.001	8.902	9.102	48.730	50.000	-2.5
Dieldrin	6.305	6.206	6.406	48.860	50.000	-2.3
Tetrachloro-m-xylene	3.527	3.428	3.628	51.250	50.000	2.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097328.D **Time Analyzed:** 18:11

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.849	5.750	5.950	48.330	50.000	-3.3
4,4'-DDE	5.297	5.197	5.397	48.430	50.000	-3.1
4,4'-DDT	6.102	6.002	6.202	43.840	50.000	-12.3
Aldrin	4.291	4.191	4.391	49.350	50.000	-1.3
Decachlorobiphenyl	7.984	7.884	8.084	40.500	50.000	-19.0
Dieldrin	5.427	5.328	5.528	48.310	50.000	-3.4
Tetrachloro-m-xylene	2.824	2.724	2.924	49.030	50.000	-1.9

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Continuing Calib Date:	<u>09/22/2025</u>	Initial Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
Continuing Calib Time:	<u>21:08</u>	Initial Calibration Time(s):	<u>17:06</u> <u>18:00</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Dieldrin	6.31	6.31	6.21	6.41	0.01
4,4'-DDE	6.16	6.16	6.06	6.26	0.00
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
4,4'-DDT	6.98	6.98	6.88	7.08	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Continuing Calib Date:	<u>09/22/2025</u>	Initial Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
Continuing Calib Time:	<u>21:08</u>	Initial Calibration Time(s):	<u>17:06</u> <u>18:00</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Dieldrin	5.43	5.43	5.33	5.53	0.00
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
4,4'-DDT	6.10	6.10	6.00	6.20	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 09/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097341.D **Time Analyzed:** 21:08

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.664	6.566	6.766	57.380	50.000	14.8
4,4'-DDE	6.155	6.056	6.256	56.060	50.000	12.1
4,4'-DDT	6.978	6.880	7.080	50.060	50.000	0.1
Aldrin	5.232	5.132	5.332	54.320	50.000	8.6
Decachlorobiphenyl	8.999	8.902	9.102	53.620	50.000	7.2
Dieldrin	6.305	6.206	6.406	53.760	50.000	7.5
Tetrachloro-m-xylene	3.527	3.428	3.628	54.690	50.000	9.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 09/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097341.D **Time Analyzed:** 21:08

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.849	5.750	5.950	55.530	50.000	11.1
4,4'-DDE	5.295	5.197	5.397	54.070	50.000	8.1
4,4'-DDT	6.101	6.002	6.202	49.450	50.000	-1.1
Aldrin	4.291	4.191	4.391	54.450	50.000	8.9
Decachlorobiphenyl	7.983	7.884	8.084	48.470	50.000	-3.1
Dieldrin	5.428	5.328	5.528	54.040	50.000	8.1
Tetrachloro-m-xylene	2.824	2.724	2.924	53.880	50.000	7.8

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Continuing Calib Date:	<u>09/23/2025</u>	Initial Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
Continuing Calib Time:	<u>00:46</u>	Initial Calibration Time(s):	<u>17:06</u> <u>18:00</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Dieldrin	6.31	6.31	6.21	6.41	0.01
4,4'-DDE	6.16	6.16	6.06	6.26	0.00
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
4,4'-DDT	6.98	6.98	6.88	7.08	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Continuing Calib Date:	<u>09/23/2025</u>	Initial Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
Continuing Calib Time:	<u>00:46</u>	Initial Calibration Time(s):	<u>17:06</u> <u>18:00</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Dieldrin	5.43	5.43	5.33	5.53	0.00
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
4,4'-DDT	6.10	6.10	6.00	6.20	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/23/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097355.D **Time Analyzed:** 00:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.664	6.566	6.766	56.990	50.000	14.0
4,4'-DDE	6.156	6.056	6.256	54.290	50.000	8.6
4,4'-DDT	6.978	6.880	7.080	46.230	50.000	-7.5
Aldrin	5.232	5.132	5.332	52.910	50.000	5.8
Decachlorobiphenyl	8.999	8.902	9.102	51.350	50.000	2.7
Dieldrin	6.305	6.206	6.406	52.220	50.000	4.4
Tetrachloro-m-xylene	3.527	3.428	3.628	54.430	50.000	8.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/23/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097355.D **Time Analyzed:** 00:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.849	5.750	5.950	53.480	50.000	7.0
4,4'-DDE	5.297	5.197	5.397	51.980	50.000	4.0
4,4'-DDT	6.101	6.002	6.202	44.270	50.000	-11.5
Aldrin	4.290	4.191	4.391	53.600	50.000	7.2
Decachlorobiphenyl	7.983	7.884	8.084	45.360	50.000	-9.3
Dieldrin	5.428	5.328	5.528	51.940	50.000	3.9
Tetrachloro-m-xylene	2.824	2.724	2.924	53.670	50.000	7.3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097269.D Date Analyzed: 09/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 16:39

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.000	8.900	9.100	15.660	20.000	-21.7
Tetrachloro-m-xylene	3.527	3.480	3.580	14.770	20.000	-26.2
alpha-BHC	3.974	3.920	4.020	6.930	10.000	-30.7
beta-BHC	4.489	4.440	4.540	7.340	10.000	-26.6
gamma-BHC (Lindane)	4.302	4.250	4.350	7.210	10.000	-27.9
Endrin	6.532	6.460	6.600	37.780	50.000	-24.4
4,4'-DDT	6.979	6.910	7.050	73.290	100.000	-26.7
Methoxychlor	7.452	7.380	7.520	180.320	250.000	-27.9

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097269.D Date Analyzed: 09/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 16:39

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.984	7.880	8.080	15.470	20.000	-22.7
Tetrachloro-m-xylene	2.824	2.770	2.870	14.550	20.000	-27.3
alpha-BHC	3.329	3.280	3.380	6.890	10.000	-31.1
beta-BHC	3.957	3.910	4.010	7.490	10.000	-25.1
gamma-BHC (Lindane)	3.660	3.610	3.710	7.000	10.000	-30.0
Endrin	5.702	5.630	5.770	36.670	50.000	-26.7
4,4'-DDT	6.102	6.030	6.170	76.460	100.000	-23.5
Methoxychlor	6.674	6.600	6.740	166.760	250.000	-33.3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097316.D Date Analyzed: 09/22/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:20

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.999	8.900	9.100	18.680	20.000	-6.6
Tetrachloro-m-xylene	3.527	3.480	3.580	17.520	20.000	-12.4
alpha-BHC	3.974	3.920	4.020	8.550	10.000	-14.5
beta-BHC	4.489	4.440	4.540	9.390	10.000	-6.1
gamma-BHC (Lindane)	4.301	4.250	4.350	8.730	10.000	-12.7
Endrin	6.530	6.460	6.600	42.130	50.000	-15.7
4,4'-DDT	6.978	6.910	7.050	83.940	100.000	-16.1
Methoxychlor	7.451	7.380	7.520	204.110	250.000	-18.4

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097316.D Date Analyzed: 09/22/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:20

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.982	7.880	8.080	16.770	20.000	-16.2
Tetrachloro-m-xylene	2.824	2.770	2.870	17.780	20.000	-11.1
alpha-BHC	3.328	3.280	3.380	8.450	10.000	-15.5
beta-BHC	3.956	3.910	4.010	9.160	10.000	-8.4
gamma-BHC (Lindane)	3.660	3.610	3.710	8.590	10.000	-14.1
Endrin	5.701	5.630	5.770	42.060	50.000	-15.9
4,4'-DDT	6.100	6.030	6.170	85.270	100.000	-14.7
Methoxychlor	6.673	6.600	6.740	176.620	250.000	-29.4

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097340.D Date Analyzed: 09/22/2025

Lab Sample No.(PEM): PEM Time Analyzed: 20:55

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.000	8.900	9.100	18.730	20.000	-6.4
Tetrachloro-m-xylene	3.528	3.480	3.580	18.350	20.000	-8.3
alpha-BHC	3.974	3.920	4.020	8.690	10.000	-13.1
beta-BHC	4.490	4.440	4.540	9.410	10.000	-5.9
gamma-BHC (Lindane)	4.302	4.250	4.350	8.850	10.000	-11.5
Endrin	6.531	6.460	6.600	42.820	50.000	-14.4
4,4'-DDT	6.979	6.910	7.050	81.390	100.000	-18.6
Methoxychlor	7.452	7.380	7.520	197.170	250.000	-21.1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097340.D Date Analyzed: 09/22/2025

Lab Sample No.(PEM): PEM Time Analyzed: 20:55

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.984	7.880	8.080	17.340	20.000	-13.3
Tetrachloro-m-xylene	2.824	2.770	2.870	18.060	20.000	-9.7
alpha-BHC	3.329	3.280	3.380	8.600	10.000	-14.0
beta-BHC	3.957	3.910	4.010	9.230	10.000	-7.7
gamma-BHC (Lindane)	3.661	3.610	3.710	8.720	10.000	-12.8
Endrin	5.702	5.630	5.770	42.230	50.000	-15.5
4,4'-DDT	6.102	6.030	6.170	82.920	100.000	-17.1
Methoxychlor	6.674	6.600	6.740	175.530	250.000	-29.8

Analytical Sequence

Client: Kleinfelder

SDG No.: Q3155

Project: Tanner G. Duckrey Public School

Instrument ID: ECD_L

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/18/2025

09/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/18/2025	16:25	PL097268.D	9.00	3.53
PEM	PEM	09/18/2025	16:39	PL097269.D	9.00	3.53
RESCHK	RESCHK	09/18/2025	16:52	PL097270.D	9.00	3.53
PSTDICCC100	PSTDICCC100	09/18/2025	17:06	PL097271.D	9.00	3.53
PSTDICCC075	PSTDICCC075	09/18/2025	17:19	PL097272.D	9.00	3.53
PSTDICCC050	PSTDICCC050	09/18/2025	17:33	PL097273.D	9.00	3.53
PSTDICCC025	PSTDICCC025	09/18/2025	17:47	PL097274.D	9.00	3.53
PSTDICCC005	PSTDICCC005	09/18/2025	18:00	PL097275.D	9.00	3.53
PCHLORICC500	PCHLORICC500	09/18/2025	18:41	PL097278.D	9.00	3.53
PTOXICC500	PTOXICC500	09/18/2025	19:49	PL097283.D	9.00	3.53
IBLK	IBLK	09/22/2025	11:06	PL097315.D	9.00	3.53
PEM	PEM	09/22/2025	11:20	PL097316.D	9.00	3.53
PSTDCCC050	PSTDCCC050	09/22/2025	11:33	PL097317.D	9.00	3.53
PB169772BL	PB169772BL	09/22/2025	13:30	PL097319.D	9.01	3.53
PB169772BS	PB169772BS	09/22/2025	13:44	PL097320.D	9.00	3.53
IBLK	IBLK	09/22/2025	17:58	PL097327.D	9.00	3.53
PSTDCCC050	PSTDCCC050	09/22/2025	18:11	PL097328.D	9.00	3.53
IBLK	IBLK	09/22/2025	20:41	PL097339.D	9.00	3.53
PEM	PEM	09/22/2025	20:55	PL097340.D	9.00	3.53
PSTDCCC050	PSTDCCC050	09/22/2025	21:08	PL097341.D	9.00	3.53
OR-500-COMP-39MS	Q3153-01MS	09/22/2025	22:57	PL097347.D	9.00	3.53
OR-500-COMP-39MSD	Q3153-01MSD	09/22/2025	23:11	PL097348.D	9.00	3.53
COMP-1	Q3155-01	09/22/2025	23:38	PL097350.D	9.00	3.53
COMP-2	Q3155-02	09/22/2025	23:52	PL097351.D	9.00	3.53
COMP-3	Q3155-03	09/23/2025	00:05	PL097352.D	9.00	3.53
IBLK	IBLK	09/23/2025	00:32	PL097354.D	9.00	3.53
PSTDCCC050	PSTDCCC050	09/23/2025	00:46	PL097355.D	9.00	3.53

Analytical Sequence

Client: Kleinfelder	SDG No.: Q3155	
Project: Tanner G. Duckrey Public School	Instrument ID: ECD_L	
GC Column: ZB-MR2	ID: 0.32 (mm)	Inst. Calib. Date(s): 09/18/2025 09/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/18/2025	16:25	PL097268.D	7.98	2.82
PEM	PEM	09/18/2025	16:39	PL097269.D	7.98	2.82
RESCHK	RESCHK	09/18/2025	16:52	PL097270.D	7.98	2.82
PSTDICCC100	PSTDICCC100	09/18/2025	17:06	PL097271.D	7.98	2.82
PSTDICCC075	PSTDICCC075	09/18/2025	17:19	PL097272.D	7.99	2.82
PSTDICCC050	PSTDICCC050	09/18/2025	17:33	PL097273.D	7.98	2.82
PSTDICCC025	PSTDICCC025	09/18/2025	17:47	PL097274.D	7.98	2.82
PSTDICCC005	PSTDICCC005	09/18/2025	18:00	PL097275.D	7.98	2.82
PCHLORICC500	PCHLORICC500	09/18/2025	18:41	PL097278.D	7.98	2.82
PTOXICC500	PTOXICC500	09/18/2025	19:49	PL097283.D	7.99	2.82
IBLK	IBLK	09/22/2025	11:06	PL097315.D	7.98	2.82
PEM	PEM	09/22/2025	11:20	PL097316.D	7.98	2.82
PSTDCCC050	PSTDCCC050	09/22/2025	11:33	PL097317.D	7.98	2.82
PB169772BL	PB169772BL	09/22/2025	13:30	PL097319.D	7.98	2.82
PB169772BS	PB169772BS	09/22/2025	13:44	PL097320.D	7.98	2.82
IBLK	IBLK	09/22/2025	17:58	PL097327.D	7.98	2.82
PSTDCCC050	PSTDCCC050	09/22/2025	18:11	PL097328.D	7.98	2.82
IBLK	IBLK	09/22/2025	20:41	PL097339.D	7.98	2.82
PEM	PEM	09/22/2025	20:55	PL097340.D	7.98	2.82
PSTDCCC050	PSTDCCC050	09/22/2025	21:08	PL097341.D	7.98	2.82
OR-500-COMP-39MS	Q3153-01MS	09/22/2025	22:57	PL097347.D	7.98	2.83
OR-500-COMP-39MSD	Q3153-01MSD	09/22/2025	23:11	PL097348.D	7.98	2.83
COMP-1	Q3155-01	09/22/2025	23:38	PL097350.D	7.98	2.83
COMP-2	Q3155-02	09/22/2025	23:52	PL097351.D	7.98	2.83
COMP-3	Q3155-03	09/23/2025	00:05	PL097352.D	7.98	2.83
IBLK	IBLK	09/23/2025	00:32	PL097354.D	7.98	2.82
PSTDCCC050	PSTDCCC050	09/23/2025	00:46	PL097355.D	7.98	2.82

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-1

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab Sample ID: Q3155-01

Date(s) Analyzed: 09/22/2025 09/22/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.66	6.61	6.71	2.40	46.2
	2	5.85	5.80	5.90	1.50	
4,4'-DDT	1	6.98	6.93	7.03	4.80	4.3
	2	6.10	6.05	6.15	4.60	
4,4'-DDE	1	6.16	6.11	6.21	9.50	3.1
	2	5.30	5.25	5.35	9.80	
Dieldrin	1	6.30	6.25	6.35	0.36	81.1
	2	5.43	5.38	5.48	0.86	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-2

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab Sample ID: Q3155-02

Date(s) Analyzed: 09/22/2025 09/22/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.66	6.61	6.71	2.50	85.7
	2	5.85	5.80	5.90	1.00	
4,4'-DDT	1	6.98	6.93	7.03	9.90	8.4
	2	6.10	6.05	6.15	9.10	
4,4'-DDE	1	6.16	6.11	6.21	8.80	5.5
	2	5.30	5.25	5.35	9.30	
Dieldrin	1	6.30	6.25	6.35	0.41	118.1
	2	5.43	5.38	5.48	1.60	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-3

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab Sample ID: Q3155-03

Date(s) Analyzed: 09/23/2025 09/23/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.67	6.62	6.72	2.00	42.4
	2	5.85	5.80	5.90	1.30	
4,4'-DDT	1	6.98	6.93	7.03	7.50	9.8
	2	6.10	6.05	6.15	6.80	
4,4'-DDE	1	6.16	6.11	6.21	17.9	3.8
	2	5.30	5.25	5.35	18.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OR-500-COMP-39MS

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab Sample ID: Q3153-01MS

Date(s) Analyzed: 09/22/2025 09/22/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.66	6.61	6.71	14.8	12.9
	2	5.85	5.80	5.90	13.0	
4,4'-DDT	1	6.98	6.93	7.03	12.7	6.5
	2	6.10	6.05	6.15	11.9	
Aldrin	1	5.23	5.18	5.28	13.7	0
	2	4.29	4.24	4.34	13.7	
4,4'-DDE	1	6.16	6.11	6.21	13.9	2.9
	2	5.30	5.25	5.35	13.5	
Dieldrin	1	6.31	6.26	6.36	13.7	1.5
	2	5.43	5.38	5.48	13.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OR-500-COMP-39MSD

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab Sample ID: Q3153-01MSD

Date(s) Analyzed: 09/22/2025 09/22/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.66	6.61	6.71	14.6	12.4
	2	5.85	5.80	5.90	12.9	
4,4'-DDT	1	6.98	6.93	7.03	12.4	5.8
	2	6.10	6.05	6.15	11.7	
Aldrin	1	5.23	5.18	5.28	13.6	0
	2	4.29	4.24	4.34	13.6	
4,4'-DDE	1	6.16	6.11	6.21	13.7	2.2
	2	5.30	5.25	5.35	13.4	
Dieldrin	1	6.31	6.26	6.36	13.5	1.5
	2	5.43	5.38	5.48	13.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169772BS

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab Sample ID: PB169772BS

Date(s) Analyzed: 09/22/2025 09/22/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.66	6.61	6.71	16.6	3.7
	2	5.85	5.80	5.90	16.0	
4,4'-DDT	1	6.98	6.93	7.03	14.8	3.4
	2	6.10	6.05	6.15	14.3	
Aldrin	1	5.23	5.18	5.28	15.6	0.6
	2	4.29	4.24	4.34	15.5	
4,4'-DDE	1	6.16	6.11	6.21	16.3	4.4
	2	5.29	5.24	5.34	15.6	
Dieldrin	1	6.30	6.25	6.35	15.8	2.6
	2	5.43	5.38	5.48	15.4	

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-01	COMP-1	SOIL			09/18/25			09/19/25
			PCB Group1	8082A		09/22/25	09/22/25	
			PESTICIDE Group1	8081B		09/22/25	09/22/25	
Q3155-02	COMP-2	SOIL			09/18/25			09/19/25
			PCB Group1	8082A		09/22/25	09/22/25	
			PESTICIDE Group1	8081B		09/22/25	09/22/25	
Q3155-03	COMP-3	SOIL			09/18/25			09/19/25
			PCB Group1	8082A		09/22/25	09/22/25	
			PESTICIDE Group1	8081B		09/22/25	09/23/25	

Hit Summary Sheet SW-846

SDG No.: Q3155

Order ID: Q3155

Client: Kleinfelder

Project ID: Tanner G. Duckrey Public School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000

A

B

C

D

E

F

G



SAMPLE DATA

A

B

C

D

E

F

G

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.8
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113915.D	1	09/22/25 08:40	09/22/25 16:11	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.4	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.4	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.0		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.0		32 - 175	75%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113916.D	1	09/22/25 08:40	09/22/25 16:29	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.6	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.6	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		32 - 175	98%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113917.D	1	09/22/25 08:40	09/22/25 16:48	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.5	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.5	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		32 - 144	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		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



QC SUMMARY

A

B

C

D

E

F

G

Surrogate Summary

SDG No.: **Q3155**

Client: **Kleinfelder**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PO113719.D	PIBLK-PO113719.D	Tetrachloro-m-xyl	1	20	17.0	85		60	140
		Decachlorobiphen	1	20	17.3	86		60	140
		Tetrachloro-m-xyl	2	20	17.0	85		60	140
		Decachlorobiphen	2	20	18.1	91		60	140
I.BLK-PO113908.D	PIBLK-PO113908.D	Tetrachloro-m-xyl	1	20	18.0	90		60	140
		Decachlorobiphen	1	20	15.8	79		60	140
		Tetrachloro-m-xyl	2	20	17.5	88		60	140
		Decachlorobiphen	2	20	18.0	90		60	140
Q3155-01	COMP-1	Tetrachloro-m-xyl	1	20	19.0	95		32	144
		Decachlorobiphen	1	20	12.7	64		32	175
		Tetrachloro-m-xyl	2	20	18.3	92		32	144
		Decachlorobiphen	2	20	15.0	75		32	175
Q3155-02	COMP-2	Tetrachloro-m-xyl	1	20	21.6	108		32	144
		Decachlorobiphen	1	20	16.7	83		32	175
		Tetrachloro-m-xyl	2	20	20.1	101		32	144
		Decachlorobiphen	2	20	19.6	98		32	175
Q3155-03	COMP-3	Tetrachloro-m-xyl	1	20	21.4	107		32	144
		Decachlorobiphen	1	20	16.3	82		32	175
		Tetrachloro-m-xyl	2	20	20.1	101		32	144
		Decachlorobiphen	2	20	18.7	94		32	175
I.BLK-PO113923.D	PIBLK-PO113923.D	Tetrachloro-m-xyl	1	20	18.2	91		60	140
		Decachlorobiphen	1	20	16.1	81		60	140
		Tetrachloro-m-xyl	2	20	17.7	88		60	140
		Decachlorobiphen	2	20	18.3	92		60	140
I.BLK-PO113952.D	PIBLK-PO113952.D	Tetrachloro-m-xyl	1	20	18.3	91		60	140
		Decachlorobiphen	1	20	18.2	91		60	140
		Tetrachloro-m-xyl	2	20	17.5	87		60	140
		Decachlorobiphen	2	20	18.9	95		60	140
PB169771BL	PB169771BL	Tetrachloro-m-xyl	1	20	19.7	99		32	144
		Decachlorobiphen	1	20	20.2	101		32	175
		Tetrachloro-m-xyl	2	20	19.1	95		32	144
		Decachlorobiphen	2	20	20.8	104		32	175
PB169771BS	PB169771BS	Tetrachloro-m-xyl	1	20	19.4	97		32	144
		Decachlorobiphen	1	20	20.6	103		32	175
		Tetrachloro-m-xyl	2	20	18.5	93		32	144
		Decachlorobiphen	2	20	21.6	108		32	175
I.BLK-PO113958.D	PIBLK-PO113958.D	Tetrachloro-m-xyl	1	20	18.2	91		60	140
		Decachlorobiphen	1	20	19.0	95		60	140
		Tetrachloro-m-xyl	2	20	17.5	87		60	140
		Decachlorobiphen	2	20	18.9	95		60	140
I.BLK-PQ070788.D	PIBLK-PQ070788.D	Tetrachloro-m-xyl	1	20	17.2	86		60	140

Surrogate Summary

SDG No.: Q3155

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PQ070788.D	PIBLK-PQ070788.D	Decachlorobiphen	1	20	18.9	94		60	140
		Tetrachloro-m-xyl	2	20	17.6	88		60	140
I.BLK-PQ070934.D	PIBLK-PQ070934.D	Decachlorobiphen	2	20	18.5	93		60	140
		Tetrachloro-m-xyl	1	20	16.9	85		60	140
		Decachlorobiphen	1	20	17.6	88		60	140
		Tetrachloro-m-xyl	2	20	15.8	79		60	140
		Decachlorobiphen	2	20	14.9	74		60	140
Q3152-01MS	EO-02-091925MS	Tetrachloro-m-xyl	1	20	14.4	72		32	144
		Decachlorobiphen	1	20	13.3	67		32	175
		Tetrachloro-m-xyl	2	20	12.7	64		32	144
		Decachlorobiphen	2	20	9.14	46		32	175
Q3152-01MSD	EO-02-091925MSD	Tetrachloro-m-xyl	1	20	15.0	75		32	144
		Decachlorobiphen	1	20	12.9	64		32	175
		Tetrachloro-m-xyl	2	20	13.1	66		32	144
		Decachlorobiphen	2	20	8.88	44		32	175
I.BLK-PQ070945.D	PIBLK-PQ070945.D	Tetrachloro-m-xyl	1	20	17.3	86		60	140
		Decachlorobiphen	1	20	16.0	80		60	140
		Tetrachloro-m-xyl	2	20	15.4	77		60	140
		Decachlorobiphen	2	20	12.7	64		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Kleinfelder</u>	DataFile :	<u>PQ070942.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3152-01MS		Client Sample ID:	EO-02-091925MS							
(Column 1)											
AR1016	180.3	0	177	ug/kg	98				55	146	
AR1260	180.3	0	138	ug/kg	77				54	119	
Lab Sample ID:	Q3152-01MS		Client Sample ID:	EO-02-091925MS							
(Column 2)											
AR1016	180.3	0	152	ug/kg	84				55	146	
AR1260	180.3	0	115	ug/kg	64				54	119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Kleinfelder</u>	DataFile :	<u>PQ070943.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3152-01MSD	Client Sample ID:		EO-02-091925MSD							
(Column 1)											
AR1016	180.3	0	187	ug/kg	104		6		55	146	15
AR1260	180.3	0	134	ug/kg	74		4		54	119	15
Lab Sample ID:	Q3152-01MSD	Client Sample ID:		EO-02-091925MSD							
(Column 2)											
AR1016	180.3	0	156	ug/kg	87		4		55	146	15
AR1260	180.3	0	115	ug/kg	64		0		54	119	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>PO113954.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB169771BS (Column 1)	AR1016	166.5	156	ug/kg	94				71	120	
	AR1260	166.5	163	ug/kg	98				65	130	
PB169771BS (Column 2)	AR1016	166.5	146	ug/kg	88				71	120	
	AR1260	166.5	139	ug/kg	83				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169771BL

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab Sample ID: PB169771BL

Lab File ID: PO113953.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/22/2025

Date Analyzed (1): 09/23/2025

Date Analyzed (2): 09/23/2025

Time Analyzed (1): 07:24

Time Analyzed (2): 07:24

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
COMP-1	Q3155-01	PO113915.D	09/22/2025	09/22/2025
COMP-2	Q3155-02	PO113916.D	09/22/2025	09/22/2025
COMP-3	Q3155-03	PO113917.D	09/22/2025	09/22/2025
PB169771BS	PB169771BS	PO113954.D	09/23/2025	09/23/2025
EO-02-091925MS	Q3152-01MS	PQ070942.D	09/22/2025	09/22/2025
EO-02-091925MSD	Q3152-01MSD	PQ070943.D	09/22/2025	09/22/2025

COMMENTS: _____



CALIBRATION SUMMARY

A

B

C

D

E

F

G

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Instrument ID:	<u>ECD_O</u>	Calibration Date(s):	<u>09/15/2025</u> <u>09/15/2025</u>
		Calibration Times:	<u>09:34</u> <u>18:27</u>

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

LAB FILE ID:	RT 1000 = <u>PO113720.D</u>	RT 750 = <u>PO113721.D</u>
RT 500 = <u>PO113722.D</u>	RT 250 = <u>PO113723.D</u>	RT 050 = <u>PO113724.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1016-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-3	(3)	4.82	4.82	4.82	4.82	4.82	4.82	4.72	4.92
Aroclor-1016-4	(4)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-5	(5)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1260-1	(1)	6.23	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1260-2	(2)	6.42	6.42	6.42	6.42	6.42	6.42	6.32	6.52
Aroclor-1260-3	(3)	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Aroclor-1260-4	(4)	7.04	7.04	7.04	7.04	7.04	7.04	6.94	7.14
Aroclor-1260-5	(5)	7.29	7.29	7.29	7.29	7.29	7.29	7.19	7.39
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.55	5.54	5.55	5.55	5.55	5.55	5.45	5.65
Aroclor-1254-2	(2)	5.70	5.69	5.70	5.69	5.70	5.69	5.59	5.79
Aroclor-1254-3	(3)	6.10	6.10	6.10	6.10	6.10	6.10	6.00	6.20
Aroclor-1254-4	(4)	6.33	6.33	6.33	6.33	6.33	6.33	6.23	6.43
Aroclor-1254-5	(5)	6.75	6.74	6.75	6.74	6.75	6.74	6.64	6.84
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Instrument ID:	<u>ECD_O</u>	Calibration Date(s):	<u>09/15/2025</u> <u>09/15/2025</u>
		Calibration Times:	<u>09:34</u> <u>18:27</u>

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

LAB FILE ID:	RT 1000 = <u>PO113720.D</u>	RT 750 = <u>PO113721.D</u>
RT 500 = <u>PO113722.D</u>	RT 250 = <u>PO113723.D</u>	RT 050 = <u>PO113724.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.72	4.72	4.72	4.72	4.72	4.72	4.62	4.82
Aroclor-1016-2	(2)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1016-3	(3)	4.92	4.92	4.92	4.92	4.91	4.92	4.82	5.02
Aroclor-1016-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.17	5.17	5.17	5.17	5.17	5.17	5.07	5.27
Aroclor-1260-1	(1)	6.20	6.20	6.20	6.20	6.20	6.20	6.10	6.30
Aroclor-1260-2	(2)	6.38	6.38	6.38	6.38	6.38	6.38	6.28	6.48
Aroclor-1260-3	(3)	6.54	6.54	6.54	6.54	6.53	6.54	6.44	6.64
Aroclor-1260-4	(4)	7.00	7.00	7.00	7.00	7.00	7.00	6.90	7.10
Aroclor-1260-5	(5)	7.25	7.25	7.25	7.25	7.25	7.25	7.15	7.35
Decachlorobiphenyl		8.61	8.62	8.61	8.62	8.62	8.62	8.52	8.72
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1254-1	(1)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Aroclor-1254-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-3	(3)	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Aroclor-1254-4	(4)	6.29	6.29	6.29	6.29	6.29	6.29	6.19	6.39
Aroclor-1254-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		8.62	8.61	8.62	8.61	8.62	8.62	8.52	8.72
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: POWE02
SDG NO.: Q3155

Calibration Date(s): 09/15/2025 09/15/2025
Calibration Times: 09:34 18:27

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

LAB FILE ID:		CF 1000 = <u>PO113720.D</u>		CF 750 = <u>PO113721.D</u>			
CF 500 = <u>PO113722.D</u>		CF 250 = <u>PO113723.D</u>		CF 050 = <u>PO113724.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	279831097	287472752	292257338	332268632	325738980	303513760
Aroclor-1016-2	(2)	419615441	429789385	439630440	492863176	493423100	455064308
Aroclor-1016-3	(3)	264606829	274358713	282734982	335166652	339181720	299209779
Aroclor-1016-4	(4)	220679515	227430096	236573942	251207960	266000940	240378491
Aroclor-1016-5	(5)	221161183	229729939	240498310	258108880	251005100	240100682
Aroclor-1260-1	(1)	451552761	471491176	474059886	507788164	546116300	490201657
Aroclor-1260-2	(2)	696304563	729550533	748950352	813407288	840985420	765839631
Aroclor-1260-3	(3)	574976216	607269133	635434940	723540836	822837840	672811793
Aroclor-1260-4	(4)	393925161	402138616	416474848	460301232	490840000	432735971
Aroclor-1260-5	(5)	1123652016	1096405636	1111782554	1193531308	1138663840	1132807071
Decachlorobiphenyl		6329905650	6344624080	6521704980	7067879800	7187292000	6690281302
Tetrachloro-m-xylene		8408389270	8593125013	8709615100	9391670440	8995637600	8819687485
Aroclor-1254-1	(1)	525265407	536188556	564134008	621264868	479241140	545218796
Aroclor-1254-2	(2)	478176368	488478569	519631638	583021712	472883720	508438401
Aroclor-1254-3	(3)	746637997	760372989	800603668	890308500	712603920	782105415
Aroclor-1254-4	(4)	554979056	565283144	587994066	646517864	379494280	546853682
Aroclor-1254-5	(5)	718134746	733343003	760419284	795296128	714490520	744336736
Decachlorobiphenyl		7203849800	7364098027	7605167340	8057726000	6076737800	7261515793
Tetrachloro-m-xylene		8326407670	8484622733	8619663240	9079782920	6520976600	8206290633

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: POWE02
SDG NO.: Q3155

Calibration Date(s): 09/15/2025 09/15/2025
Calibration Times: 09:34 18:27

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

LAB FILE ID: CF 1000 = <u>PO113720.D</u>CF 750 = <u>PO113721.D</u> CF 500 = <u>PO113722.D</u>CF 250 = <u>PO113723.D</u>CF 050 = <u>PO113724.D</u>								
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	161194959	167555515	172213236	197943584	212300180	182241495	12
Aroclor-1016-2	(2)	247660649	254215127	266109690	295452504	320788840	276845362	11
Aroclor-1016-3	(3)	132478875	137775607	144079418	158682380	173701980	149343652	11
Aroclor-1016-4	(4)	104213080	109199812	115770016	129547460	144816260	120709326	14
Aroclor-1016-5	(5)	131110272	137976827	144614834	165292304	171336360	150066119	12
Aroclor-1260-1	(1)	220737147	228186052	237294134	270069216	300160800	251289470	13
Aroclor-1260-2	(2)	290821079	295868247	313059866	353160924	400129960	330608015	14
Aroclor-1260-3	(3)	243248258	249887552	265854760	308918420	333877760	280357350	14
Aroclor-1260-4	(4)	166358067	173783024	182499490	209711196	223704380	191211231	13
Aroclor-1260-5	(5)	376721298	381888356	400424476	450051720	519309860	425679142	14
Decachlorobiphenyl		1971088000	1990798747	2046674720	2250657920	2179534400	2087750757	6
Tetrachloro-m-xylene		5023699930	5127536973	5213659900	5649531080	5690644400	5341014457	6
Aroclor-1254-1	(1)	279563251	289274152	304362018	339134132	299656300	302397971	7
Aroclor-1254-2	(2)	241241488	250685427	264723600	295034360	268710580	264079091	8
Aroclor-1254-3	(3)	370644030	380249351	395058822	433239944	357396100	387317649	8
Aroclor-1254-4	(4)	235623256	242545119	253069482	278102248	177620780	237392177	16
Aroclor-1254-5	(5)	290238808	298084172	311869266	340236600	294431680	306972105	7
Decachlorobiphenyl		2023494990	2074021307	2154035320	2293253640	1745979000	2058156851	10
Tetrachloro-m-xylene		4906596160	4990801373	5101889120	5432554640	4242824600	4934933179	9

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Instrument ID:	<u>ECD_Q</u>	Calibration Date(s):	<u>09/10/2025</u> <u>09/10/2025</u>
		Calibration Times:	<u>09:25</u> <u>12:05</u>

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

LAB FILE ID:	RT 1000 = <u>PQ070789.D</u>	RT 750 = <u>PQ070790.D</u>
RT 500 = <u>PQ070791.D</u>	RT 250 = <u>PQ070792.D</u>	RT 050 = <u>PQ070793.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1016-2	(2)	4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1016-3	(3)	4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1016-4	(4)	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1016-5	(5)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1260-1	(1)	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
Aroclor-1260-2	(2)	6.28	6.28	6.28	6.28	6.28	6.28	6.18	6.38
Aroclor-1260-3	(3)	6.63	6.63	6.63	6.63	6.63	6.63	6.53	6.73
Aroclor-1260-4	(4)	6.84	6.84	6.84	6.84	6.84	6.84	6.74	6.94
Aroclor-1260-5	(5)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Decachlorobiphenyl		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
Tetrachloro-m-xylene		3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Instrument ID:	<u>ECD_Q</u>	Calibration Date(s):	<u>09/10/2025</u> <u>09/10/2025</u>
		Calibration Times:	<u>09:25</u> <u>12:05</u>

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

LAB FILE ID:	RT 1000 = <u>PQ070789.D</u>	RT 750 = <u>PQ070790.D</u>
RT 500 = <u>PQ070791.D</u>	RT 250 = <u>PQ070792.D</u>	RT 050 = <u>PQ070793.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1016-2	(2)	3.80	3.79	3.79	3.80	3.79	3.79	3.69	3.89
Aroclor-1016-3	(3)	3.96	3.95	3.95	3.96	3.95	3.95	3.85	4.05
Aroclor-1016-4	(4)	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.10
Aroclor-1016-5	(5)	4.20	4.20	4.20	4.20	4.20	4.20	4.10	4.30
Aroclor-1260-1	(1)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1260-2	(2)	5.38	5.38	5.38	5.38	5.38	5.38	5.28	5.48
Aroclor-1260-3	(3)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Aroclor-1260-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1260-5	(5)	6.23	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Decachlorobiphenyl		7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
Tetrachloro-m-xylene		2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_Q

Contract: POWE02
SDG NO.: Q3155

Calibration Date(s): 09/10/2025 09/10/2025
Calibration Times: 09:25 12:05

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

LAB FILE ID:								
CF 1000 =		PQ070789.D		CF 750 =		PQ070790.D		
CF 500 =		PQ070791.D		CF 250 =		PQ070792.D		
CF 050 =		PQ070793.D						
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	155760598	164686400	177264438	185029728	146186160	165785465	9
Aroclor-1016-2	(2)	249222056	256195421	282194016	285675668	260436840	266744800	6
Aroclor-1016-3	(3)	154206224	160354504	175274064	179067312	158981960	165576813	7
Aroclor-1016-4	(4)	127000230	131342052	143121628	145991024	129448420	135380671	6
Aroclor-1016-5	(5)	124021080	129137615	140904486	145735240	128837160	133727116	7
Aroclor-1260-1	(1)	223852616	232332099	254099744	263153316	251082440	244904043	7
Aroclor-1260-2	(2)	270041366	275952951	300981850	312937300	338200680	299622829	9
Aroclor-1260-3	(3)	200639696	208193693	226760482	231269624	204058940	214184487	6
Aroclor-1260-4	(4)	221742179	230149409	248590210	253093372	235193960	237753826	5
Aroclor-1260-5	(5)	453350760	462485001	496397910	505446140	471233100	477782582	5
Decachlorobiphenyl		3589551810	3696057427	4019151660	4129095960	3845687000	3855908771	6
Tetrachloro-m-xylene		5072739970	5253596907	5629501980	5691805680	5132657200	5356060347	5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_Q

Contract: POWE02
SDG NO.: Q3155

Calibration Date(s): 09/10/2025 09/10/2025
Calibration Times: 09:25 12:05

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

LAB FILE ID:		CF 1000 =	<u>PQ070789.D</u>	CF 750 =	<u>PQ070790.D</u>			
CF 500 =		<u>PQ070791.D</u>	CF 250 =	<u>PQ070792.D</u>	CF 050 =	<u>PQ070793.D</u>		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	194490665	201532996	220320868	231170040	224704980	214443910	7
Aroclor-1016-2	(2)	298979950	307288743	336317322	349945396	333069140	325120110	7
Aroclor-1016-3	(3)	163916764	170389843	186236168	194812908	193284440	181728025	8
Aroclor-1016-4	(4)	140642790	146519464	161605722	172353300	171354480	158495151	9
Aroclor-1016-5	(5)	169066788	176522675	193848830	203393320	188958760	186358075	7
Aroclor-1260-1	(1)	329539317	333377431	368159264	399964980	353568600	356921918	8
Aroclor-1260-2	(2)	389714298	400629549	442309804	464163944	430140820	425391683	7
Aroclor-1260-3	(3)	371338590	383163429	418805336	429993140	419228360	404505771	6
Aroclor-1260-4	(4)	325682757	332486317	365468978	376198864	370189000	354005183	7
Aroclor-1260-5	(5)	777615525	789708437	831599964	866825384	839073320	820964526	4
Decachlorobiphenyl		6442649250	6685443693	7331965220	7462427680	7341557000	7052808569	6
Tetrachloro-m-xylene		6222334360	6127216960	6597152780	6959942400	6155411400	6412411580	6

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q3155

Instrument ID: ECD_Q Date(s) Analyzed: 09/10/2025 09/10/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1254	500	1	5.29	5.19	5.39	233600000
		2	5.51	5.41	5.61	356936000
		3	5.86	5.76	5.96	379036000
		4	6.14	6.04	6.24	268916000
		5	6.54	6.44	6.64	299682000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q3155

Instrument ID: ECD_Q Date(s) Analyzed: 09/10/2025 09/10/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1254	500	1	4.53	4.43	4.63	397980000
		2	4.68	4.58	4.78	350238000
		3	5.06	4.96	5.16	565656000
		4	5.29	5.19	5.39	345766000
		5	5.69	5.59	5.79	524392000

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/22/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 13:26

Initial Calibration Time(s): 09:34 18:27

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.01
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.42	6.42	6.32	6.52	0.00
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.67	8.67	8.57	8.77	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/22/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 13:26

Initial Calibration Time(s): 09:34 18:27

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.00	6.90	7.10	0.00
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113907.D **Time Analyzed:** 13:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.741	4.643	4.843	511.880	500.000	2.4
Aroclor-1016-2	4.759	4.661	4.861	513.760	500.000	2.8
Aroclor-1016-3	4.816	4.718	4.918	498.030	500.000	-0.4
Aroclor-1016-4	4.935	4.837	5.037	502.570	500.000	0.5
Aroclor-1016-5	5.191	5.093	5.293	550.220	500.000	10.0
Aroclor-1260-1	6.227	6.129	6.329	514.910	500.000	3.0
Aroclor-1260-2	6.416	6.319	6.519	497.920	500.000	-0.4
Aroclor-1260-3	6.781	6.683	6.883	509.790	500.000	2.0
Aroclor-1260-4	7.040	6.941	7.141	555.930	500.000	11.2
Aroclor-1260-5	7.284	7.185	7.385	561.650	500.000	12.3
Decachlorobiphenyl	8.667	8.570	8.770	46.230	50.000	-7.5
Tetrachloro-m-xylene	3.659	3.560	3.760	53.850	50.000	7.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113907.D **Time Analyzed:** 13:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.721	4.623	4.823	488.230	500.000	-2.4
Aroclor-1016-2	4.738	4.641	4.841	492.580	500.000	-1.5
Aroclor-1016-3	4.913	4.816	5.016	496.450	500.000	-0.7
Aroclor-1016-4	4.956	4.858	5.058	493.470	500.000	-1.3
Aroclor-1016-5	5.167	5.070	5.270	509.880	500.000	2.0
Aroclor-1260-1	6.193	6.096	6.296	471.840	500.000	-5.6
Aroclor-1260-2	6.382	6.284	6.484	459.060	500.000	-8.2
Aroclor-1260-3	6.532	6.435	6.635	442.950	500.000	-11.4
Aroclor-1260-4	7.001	6.903	7.103	457.730	500.000	-8.5
Aroclor-1260-5	7.244	7.146	7.346	455.040	500.000	-9.0
Decachlorobiphenyl	8.612	8.514	8.714	49.130	50.000	-1.7
Tetrachloro-m-xylene	3.650	3.551	3.751	51.590	50.000	3.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/22/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 18:07

Initial Calibration Time(s): 09:34 18:27

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.42	6.42	6.32	6.52	0.00
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.67	8.67	8.57	8.77	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
Continuing Calib Date: 09/22/2025 **Initial Calibration Date(s):** 09/15/2025 09/15/2025
Continuing Calib Time: 18:07 **Initial Calibration Time(s):** 09:34 18:27

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.00	6.90	7.10	0.00
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113919.D **Time Analyzed:** 18:07

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.741	4.643	4.843	491.900	500.000	-1.6
Aroclor-1016-2	4.760	4.661	4.861	498.360	500.000	-0.3
Aroclor-1016-3	4.817	4.718	4.918	478.980	500.000	-4.2
Aroclor-1016-4	4.936	4.837	5.037	486.290	500.000	-2.7
Aroclor-1016-5	5.192	5.093	5.293	567.270	500.000	13.5
Aroclor-1260-1	6.227	6.129	6.329	510.180	500.000	2.0
Aroclor-1260-2	6.416	6.319	6.519	480.240	500.000	-4.0
Aroclor-1260-3	6.781	6.683	6.883	477.220	500.000	-4.6
Aroclor-1260-4	7.039	6.941	7.141	535.900	500.000	7.2
Aroclor-1260-5	7.283	7.185	7.385	541.560	500.000	8.3
Decachlorobiphenyl	8.668	8.570	8.770	43.100	50.000	-13.8
Tetrachloro-m-xylene	3.659	3.560	3.760	52.680	50.000	5.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113919.D **Time Analyzed:** 18:07

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.721	4.623	4.823	488.360	500.000	-2.3
Aroclor-1016-2	4.740	4.641	4.841	483.290	500.000	-3.3
Aroclor-1016-3	4.914	4.816	5.016	492.170	500.000	-1.6
Aroclor-1016-4	4.957	4.858	5.058	488.570	500.000	-2.3
Aroclor-1016-5	5.168	5.070	5.270	510.810	500.000	2.2
Aroclor-1260-1	6.193	6.096	6.296	463.780	500.000	-7.2
Aroclor-1260-2	6.382	6.284	6.484	460.500	500.000	-7.9
Aroclor-1260-3	6.533	6.435	6.635	433.520	500.000	-13.3
Aroclor-1260-4	7.001	6.903	7.103	445.890	500.000	-10.8
Aroclor-1260-5	7.244	7.146	7.346	442.880	500.000	-11.4
Decachlorobiphenyl	8.612	8.514	8.714	48.500	50.000	-3.0
Tetrachloro-m-xylene	3.650	3.551	3.751	51.130	50.000	2.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/23/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 05:16

Initial Calibration Time(s): 09:34 18:27

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.42	6.42	6.32	6.52	0.00
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.67	8.67	8.57	8.77	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Continuing Calib Date:	<u>09/23/2025</u>	Initial Calibration Date(s):	<u>09/15/2025</u> <u>09/15/2025</u>
Continuing Calib Time:	<u>05:16</u>	Initial Calibration Time(s):	<u>09:34</u> <u>18:27</u>

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.00	6.90	7.10	0.00
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL03 **Date Analyzed:** 09/23/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113948.D **Time Analyzed:** 05:16

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.742	4.643	4.843	507.230	500.000	1.4
Aroclor-1016-2	4.760	4.661	4.861	525.810	500.000	5.2
Aroclor-1016-3	4.817	4.718	4.918	520.560	500.000	4.1
Aroclor-1016-4	4.936	4.837	5.037	512.640	500.000	2.5
Aroclor-1016-5	5.192	5.093	5.293	540.270	500.000	8.1
Aroclor-1260-1	6.226	6.129	6.329	556.490	500.000	11.3
Aroclor-1260-2	6.417	6.319	6.519	532.460	500.000	6.5
Aroclor-1260-3	6.782	6.683	6.883	530.960	500.000	6.2
Aroclor-1260-4	7.039	6.941	7.141	593.180	500.000	18.6
Aroclor-1260-5	7.283	7.185	7.385	593.790	500.000	18.8
Decachlorobiphenyl	8.668	8.570	8.770	48.670	50.000	-2.7
Tetrachloro-m-xylene	3.659	3.560	3.760	53.560	50.000	7.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL03 **Date Analyzed:** 09/23/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113948.D **Time Analyzed:** 05:16

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.721	4.623	4.823	496.850	500.000	-0.6
Aroclor-1016-2	4.738	4.641	4.841	497.320	500.000	-0.5
Aroclor-1016-3	4.913	4.816	5.016	515.340	500.000	3.1
Aroclor-1016-4	4.956	4.858	5.058	504.390	500.000	0.9
Aroclor-1016-5	5.167	5.070	5.270	534.610	500.000	6.9
Aroclor-1260-1	6.193	6.096	6.296	492.560	500.000	-1.5
Aroclor-1260-2	6.382	6.284	6.484	485.240	500.000	-3.0
Aroclor-1260-3	6.532	6.435	6.635	460.360	500.000	-7.9
Aroclor-1260-4	7.001	6.903	7.103	476.490	500.000	-4.7
Aroclor-1260-5	7.243	7.146	7.346	472.800	500.000	-5.4
Decachlorobiphenyl	8.611	8.514	8.714	51.530	50.000	3.1
Tetrachloro-m-xylene	3.650	3.551	3.751	51.760	50.000	3.5

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Continuing Calib Date:	<u>09/23/2025</u>	Initial Calibration Date(s):	<u>09/15/2025</u> <u>09/15/2025</u>
Continuing Calib Time:	<u>08:56</u>	Initial Calibration Time(s):	<u>09:34</u> <u>18:27</u>

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.42	6.42	6.32	6.52	0.00
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.67	8.67	8.57	8.77	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Continuing Calib Date:	<u>09/23/2025</u>	Initial Calibration Date(s):	<u>09/15/2025</u> <u>09/15/2025</u>
Continuing Calib Time:	<u>08:56</u>	Initial Calibration Time(s):	<u>09:34</u> <u>18:27</u>

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.00	6.90	7.10	0.00
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/23/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113957.D **Time Analyzed:** 08:56

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.741	4.643	4.843	501.600	500.000	0.3
Aroclor-1016-2	4.759	4.661	4.861	511.580	500.000	2.3
Aroclor-1016-3	4.816	4.718	4.918	504.390	500.000	0.9
Aroclor-1016-4	4.934	4.837	5.037	501.090	500.000	0.2
Aroclor-1016-5	5.191	5.093	5.293	506.890	500.000	1.4
Aroclor-1260-1	6.226	6.129	6.329	547.250	500.000	9.5
Aroclor-1260-2	6.416	6.319	6.519	537.780	500.000	7.6
Aroclor-1260-3	6.781	6.683	6.883	523.420	500.000	4.7
Aroclor-1260-4	7.039	6.941	7.141	592.790	500.000	18.6
Aroclor-1260-5	7.282	7.185	7.385	596.750	500.000	19.4
Decachlorobiphenyl	8.668	8.570	8.770	51.980	50.000	4.0
Tetrachloro-m-xylene	3.659	3.560	3.760	53.050	50.000	6.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/23/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113957.D **Time Analyzed:** 08:56

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.720	4.623	4.823	479.330	500.000	-4.1
Aroclor-1016-2	4.738	4.641	4.841	482.560	500.000	-3.5
Aroclor-1016-3	4.913	4.816	5.016	512.650	500.000	2.5
Aroclor-1016-4	4.956	4.858	5.058	494.990	500.000	-1.0
Aroclor-1016-5	5.167	5.070	5.270	543.180	500.000	8.6
Aroclor-1260-1	6.192	6.096	6.296	476.790	500.000	-4.6
Aroclor-1260-2	6.381	6.284	6.484	481.400	500.000	-3.7
Aroclor-1260-3	6.532	6.435	6.635	443.950	500.000	-11.2
Aroclor-1260-4	7.000	6.903	7.103	457.200	500.000	-8.6
Aroclor-1260-5	7.243	7.146	7.346	456.250	500.000	-8.8
Decachlorobiphenyl	8.611	8.514	8.714	52.880	50.000	5.8
Tetrachloro-m-xylene	3.649	3.551	3.751	50.440	50.000	0.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
Continuing Calib Date: 09/22/2025 **Initial Calibration Date(s):** 09/10/2025 09/10/2025
Continuing Calib Time: 13:19 **Initial Calibration Time(s):** 09:25 12:05

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.48	4.48	4.38	4.58	0.00
Aroclor-1016-2	(2)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-3	(3)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-4	(4)	4.65	4.65	4.55	4.75	0.00
Aroclor-1016-5	(5)	4.93	4.93	4.83	5.03	0.00
Aroclor-1260-1	(1)	6.02	6.02	5.92	6.12	0.00
Aroclor-1260-2	(2)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-3	(3)	6.63	6.63	6.53	6.73	0.00
Aroclor-1260-4	(4)	6.84	6.84	6.74	6.94	0.00
Aroclor-1260-5	(5)	7.15	7.15	7.05	7.25	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.50	8.50	8.40	8.60	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/22/2025

Initial Calibration Date(s): 09/10/2025 09/10/2025

Continuing Calib Time: 13:19

Initial Calibration Time(s): 09:25 12:05

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.78	3.78	3.68	3.88	0.00
Aroclor-1016-2	(2)	3.79	3.79	3.69	3.89	0.00
Aroclor-1016-3	(3)	3.95	3.95	3.85	4.05	0.00
Aroclor-1016-4	(4)	4.00	4.00	3.90	4.10	0.00
Aroclor-1016-5	(5)	4.20	4.20	4.10	4.30	0.00
Aroclor-1260-1	(1)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-2	(2)	5.38	5.38	5.28	5.48	0.00
Aroclor-1260-3	(3)	5.52	5.52	5.42	5.62	0.00
Aroclor-1260-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1260-5	(5)	6.22	6.23	6.13	6.33	0.01
Tetrachloro-m-xylene		2.78	2.78	2.68	2.88	0.00
Decachlorobiphenyl		7.53	7.54	7.44	7.64	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/10/2025 09/10/2025

Client Sample No.: CCAL05 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ070933.D **Time Analyzed:** 13:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.481	4.381	4.581	513.770	500.000	2.8
Aroclor-1016-2	4.499	4.400	4.600	501.390	500.000	0.3
Aroclor-1016-3	4.557	4.457	4.657	505.140	500.000	1.0
Aroclor-1016-4	4.647	4.548	4.748	504.520	500.000	0.9
Aroclor-1016-5	4.931	4.832	5.032	496.020	500.000	-0.8
Aroclor-1260-1	6.021	5.921	6.121	475.250	500.000	-5.0
Aroclor-1260-2	6.276	6.177	6.377	463.260	500.000	-7.3
Aroclor-1260-3	6.627	6.528	6.728	478.450	500.000	-4.3
Aroclor-1260-4	6.841	6.742	6.942	465.380	500.000	-6.9
Aroclor-1260-5	7.147	7.047	7.247	466.690	500.000	-6.7
Decachlorobiphenyl	8.497	8.399	8.599	47.760	50.000	-4.5
Tetrachloro-m-xylene	3.401	3.302	3.502	51.930	50.000	3.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/10/2025 09/10/2025

Client Sample No.: CCAL05 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ070933.D **Time Analyzed:** 13:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	3.778	3.678	3.878	468.310	500.000	-6.3
Aroclor-1016-2	3.794	3.694	3.894	461.740	500.000	-7.7
Aroclor-1016-3	3.954	3.854	4.054	455.180	500.000	-9.0
Aroclor-1016-4	4.003	3.903	4.103	454.740	500.000	-9.1
Aroclor-1016-5	4.197	4.097	4.297	467.020	500.000	-6.6
Aroclor-1260-1	5.190	5.090	5.290	437.300	500.000	-12.5
Aroclor-1260-2	5.379	5.280	5.480	441.930	500.000	-11.6
Aroclor-1260-3	5.519	5.420	5.620	436.480	500.000	-12.7
Aroclor-1260-4	5.979	5.880	6.080	419.480	500.000	-16.1
Aroclor-1260-5	6.224	6.126	6.326	418.970	500.000	-16.2
Decachlorobiphenyl	7.533	7.436	7.636	38.730	50.000	-22.5
Tetrachloro-m-xylene	2.778	2.678	2.878	47.130	50.000	-5.7

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Continuing Calib Date:	<u>09/22/2025</u>	Initial Calibration Date(s):	<u>09/10/2025</u> <u>09/10/2025</u>
Continuing Calib Time:	<u>18:02</u>	Initial Calibration Time(s):	<u>09:25</u> <u>12:05</u>

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.48	4.48	4.38	4.58	0.00
Aroclor-1016-2	(2)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-3	(3)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-4	(4)	4.65	4.65	4.55	4.75	0.00
Aroclor-1016-5	(5)	4.93	4.93	4.83	5.03	0.00
Aroclor-1260-1	(1)	6.02	6.02	5.92	6.12	0.00
Aroclor-1260-2	(2)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-3	(3)	6.63	6.63	6.53	6.73	0.00
Aroclor-1260-4	(4)	6.84	6.84	6.74	6.94	0.00
Aroclor-1260-5	(5)	7.15	7.15	7.05	7.25	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.50	8.50	8.40	8.60	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
Continuing Calib Date: 09/22/2025 **Initial Calibration Date(s):** 09/10/2025 09/10/2025
Continuing Calib Time: 18:02 **Initial Calibration Time(s):** 09:25 12:05

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.78	3.78	3.68	3.88	0.00
Aroclor-1016-2	(2)	3.79	3.79	3.69	3.89	0.00
Aroclor-1016-3	(3)	3.95	3.95	3.85	4.05	0.00
Aroclor-1016-4	(4)	4.00	4.00	3.90	4.10	0.00
Aroclor-1016-5	(5)	4.20	4.20	4.10	4.30	0.00
Aroclor-1260-1	(1)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-2	(2)	5.38	5.38	5.28	5.48	0.00
Aroclor-1260-3	(3)	5.52	5.52	5.42	5.62	0.00
Aroclor-1260-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1260-5	(5)	6.22	6.23	6.13	6.33	0.01
Tetrachloro-m-xylene		2.78	2.78	2.68	2.88	0.00
Decachlorobiphenyl		7.53	7.54	7.44	7.64	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/10/2025 09/10/2025

Client Sample No.: CCAL06 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ070944.D **Time Analyzed:** 18:02

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.481	4.381	4.581	556.890	500.000	11.4
Aroclor-1016-2	4.499	4.400	4.600	526.870	500.000	5.4
Aroclor-1016-3	4.557	4.457	4.657	536.580	500.000	7.3
Aroclor-1016-4	4.647	4.548	4.748	538.050	500.000	7.6
Aroclor-1016-5	4.932	4.832	5.032	534.980	500.000	7.0
Aroclor-1260-1	6.021	5.921	6.121	458.190	500.000	-8.4
Aroclor-1260-2	6.277	6.177	6.377	508.510	500.000	1.7
Aroclor-1260-3	6.628	6.528	6.728	526.050	500.000	5.2
Aroclor-1260-4	6.841	6.742	6.942	481.440	500.000	-3.7
Aroclor-1260-5	7.146	7.047	7.247	453.090	500.000	-9.4
Decachlorobiphenyl	8.498	8.399	8.599	43.890	50.000	-12.2
Tetrachloro-m-xylene	3.401	3.302	3.502	54.310	50.000	8.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/10/2025 09/10/2025

Client Sample No.: CCAL06 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ070944.D **Time Analyzed:** 18:02

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.777	3.678	3.878	478.160	500.000	-4.4
Aroclor-1016-2	3.793	3.694	3.894	471.340	500.000	-5.7
Aroclor-1016-3	3.953	3.854	4.054	465.970	500.000	-6.8
Aroclor-1016-4	4.002	3.903	4.103	465.760	500.000	-6.8
Aroclor-1016-5	4.197	4.097	4.297	476.280	500.000	-4.7
Aroclor-1260-1	5.189	5.090	5.290	469.880	500.000	-6.0
Aroclor-1260-2	5.378	5.280	5.480	459.590	500.000	-8.1
Aroclor-1260-3	5.520	5.420	5.620	448.810	500.000	-10.2
Aroclor-1260-4	5.980	5.880	6.080	414.370	500.000	-17.1
Aroclor-1260-5	6.224	6.126	6.326	409.830	500.000	-18.0
Decachlorobiphenyl	7.534	7.436	7.636	34.360	50.000	-31.3
Tetrachloro-m-xylene	2.778	2.678	2.878	49.680	50.000	-0.6

Analytical Sequence

Client: Kleinfelder	SDG No.: Q3155	
Project: Tanner G. Duckrey Public School	Instrument ID: ECD_O	
GC Column: ZB-MR1	ID: 0.32 (mm)	Inst. Calib. Date(s): 09/15/2025 09/15/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/15/2025	09:16	PO113719.D	8.67	3.66
AR1660ICC1000	AR1660ICC1000	09/15/2025	09:34	PO113720.D	8.67	3.66
AR1660ICC750	AR1660ICC750	09/15/2025	09:53	PO113721.D	8.67	3.66
AR1660ICC500	AR1660ICC500	09/15/2025	10:11	PO113722.D	8.67	3.66
AR1660ICC250	AR1660ICC250	09/15/2025	10:30	PO113723.D	8.67	3.66
AR1660ICC050	AR1660ICC050	09/15/2025	10:48	PO113724.D	8.67	3.66
AR1221ICC500	AR1221ICC500	09/15/2025	11:06	PO113725.D	8.67	3.66
AR1232ICC500	AR1232ICC500	09/15/2025	11:25	PO113726.D	8.67	3.66
AR1242ICC500	AR1242ICC500	09/15/2025	12:20	PO113729.D	8.67	3.66
AR1248ICC500	AR1248ICC500	09/15/2025	14:31	PO113734.D	8.67	3.66
AR1254ICC1000	AR1254ICC1000	09/15/2025	15:45	PO113737.D	8.67	3.66
AR1254ICC750	AR1254ICC750	09/15/2025	16:02	PO113738.D	8.67	3.66
AR1254ICC500	AR1254ICC500	09/15/2025	16:20	PO113739.D	8.67	3.66
AR1254ICC250	AR1254ICC250	09/15/2025	16:38	PO113740.D	8.67	3.66
AR1254ICC050	AR1254ICC050	09/15/2025	17:14	PO113741.D	8.67	3.66
AR1262ICC500	AR1262ICC500	09/15/2025	17:33	PO113742.D	8.67	3.66
AR1268ICC500	AR1268ICC500	09/15/2025	18:27	PO113745.D	8.67	3.66
AR1660CCC500	AR1660CCC500	09/22/2025	13:26	PO113907.D	8.67	3.66
IBLK	IBLK	09/22/2025	13:44	PO113908.D	8.67	3.66
COMP-1	Q3155-01	09/22/2025	16:11	PO113915.D	8.67	3.66
COMP-2	Q3155-02	09/22/2025	16:29	PO113916.D	8.67	3.66
COMP-3	Q3155-03	09/22/2025	16:48	PO113917.D	8.67	3.66
AR1660CCC500	AR1660CCC500	09/22/2025	18:07	PO113919.D	8.67	3.66
IBLK	IBLK	09/22/2025	19:38	PO113923.D	8.67	3.66
AR1660CCC500	AR1660CCC500	09/23/2025	05:16	PO113948.D	8.67	3.66
IBLK	IBLK	09/23/2025	07:06	PO113952.D	8.67	3.66
PB169771BL	PB169771BL	09/23/2025	07:24	PO113953.D	8.67	3.66
PB169771BS	PB169771BS	09/23/2025	07:43	PO113954.D	8.67	3.66
AR1660CCC500	AR1660CCC500	09/23/2025	08:56	PO113957.D	8.67	3.66
IBLK	IBLK	09/23/2025	09:14	PO113958.D	8.67	3.66
IBLK	IBLK	09/10/2025	09:10	PQ070788.D	8.50	3.40
AR1660ICC1000	AR1660ICC1000	09/10/2025	09:25	PQ070789.D	8.50	3.40
AR1660ICC750	AR1660ICC750	09/10/2025	09:39	PQ070790.D	8.50	3.40
AR1660ICC500	AR1660ICC500	09/10/2025	09:54	PQ070791.D	8.50	3.40
AR1660ICC250	AR1660ICC250	09/10/2025	10:09	PQ070792.D	8.50	3.40
AR1660ICC050	AR1660ICC050	09/10/2025	10:23	PQ070793.D	8.50	3.40
AR1221ICC500	AR1221ICC500	09/10/2025	10:38	PQ070794.D	8.50	3.40
AR1232ICC500	AR1232ICC500	09/10/2025	10:52	PQ070795.D	8.50	3.40
AR1242ICC500	AR1242ICC500	09/10/2025	11:07	PQ070796.D	8.50	3.40
AR1248ICC500	AR1248ICC500	09/10/2025	11:21	PQ070797.D	8.50	3.40
AR1254ICC500	AR1254ICC500	09/10/2025	11:36	PQ070798.D	8.50	3.40
AR1262ICC500	AR1262ICC500	09/10/2025	11:51	PQ070799.D	8.50	3.40

Analytical Sequence

AR1268ICC500	AR1268ICC500	09/10/2025	12:05	PQ070800.D	8.50	3.40
AR1660CCC500	AR1660CCC500	09/22/2025	13:19	PQ070933.D	8.50	3.40
IBLK	IBLK	09/22/2025	13:34	PQ070934.D	8.50	3.40
EO-02-091925MS	Q3152-01MS	09/22/2025	15:46	PQ070942.D	8.50	3.40
EO-02-091925MSD	Q3152-01MSD	09/22/2025	16:00	PQ070943.D	8.50	3.40
AR1660CCC500	AR1660CCC500	09/22/2025	18:02	PQ070944.D	8.50	3.40
IBLK	IBLK	09/22/2025	18:31	PQ070945.D	8.50	3.40

Analytical Sequence

Client: Kleinfelder	SDG No.: Q3155	
Project: Tanner G. Duckrey Public School	Instrument ID: ECD_O	
GC Column: ZB-MR2	ID: 0.32 (mm)	Inst. Calib. Date(s): 09/15/2025 09/15/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/15/2025	09:16	PO113719.D	8.62	3.65
AR1660ICC1000	AR1660ICC1000	09/15/2025	09:34	PO113720.D	8.61	3.65
AR1660ICC750	AR1660ICC750	09/15/2025	09:53	PO113721.D	8.62	3.65
AR1660ICC500	AR1660ICC500	09/15/2025	10:11	PO113722.D	8.61	3.65
AR1660ICC250	AR1660ICC250	09/15/2025	10:30	PO113723.D	8.62	3.65
AR1660ICC050	AR1660ICC050	09/15/2025	10:48	PO113724.D	8.62	3.65
AR1221ICC500	AR1221ICC500	09/15/2025	11:06	PO113725.D	8.61	3.65
AR1232ICC500	AR1232ICC500	09/15/2025	11:25	PO113726.D	8.62	3.65
AR1242ICC500	AR1242ICC500	09/15/2025	12:20	PO113729.D	8.62	3.65
AR1248ICC500	AR1248ICC500	09/15/2025	14:31	PO113734.D	8.61	3.65
AR1254ICC1000	AR1254ICC1000	09/15/2025	15:45	PO113737.D	8.62	3.65
AR1254ICC750	AR1254ICC750	09/15/2025	16:02	PO113738.D	8.61	3.65
AR1254ICC500	AR1254ICC500	09/15/2025	16:20	PO113739.D	8.62	3.65
AR1254ICC250	AR1254ICC250	09/15/2025	16:38	PO113740.D	8.61	3.65
AR1254ICC050	AR1254ICC050	09/15/2025	17:14	PO113741.D	8.62	3.65
AR1262ICC500	AR1262ICC500	09/15/2025	17:33	PO113742.D	8.62	3.65
AR1268ICC500	AR1268ICC500	09/15/2025	18:27	PO113745.D	8.61	3.65
AR1660CCC500	AR1660CCC500	09/22/2025	13:26	PO113907.D	8.61	3.65
IBLK	IBLK	09/22/2025	13:44	PO113908.D	8.61	3.65
COMP-1	Q3155-01	09/22/2025	16:11	PO113915.D	8.61	3.65
COMP-2	Q3155-02	09/22/2025	16:29	PO113916.D	8.61	3.65
COMP-3	Q3155-03	09/22/2025	16:48	PO113917.D	8.61	3.65
AR1660CCC500	AR1660CCC500	09/22/2025	18:07	PO113919.D	8.61	3.65
IBLK	IBLK	09/22/2025	19:38	PO113923.D	8.61	3.65
AR1660CCC500	AR1660CCC500	09/23/2025	05:16	PO113948.D	8.61	3.65
IBLK	IBLK	09/23/2025	07:06	PO113952.D	8.61	3.65
PB169771BL	PB169771BL	09/23/2025	07:24	PO113953.D	8.61	3.65
PB169771BS	PB169771BS	09/23/2025	07:43	PO113954.D	8.61	3.65
AR1660CCC500	AR1660CCC500	09/23/2025	08:56	PO113957.D	8.61	3.65
IBLK	IBLK	09/23/2025	09:14	PO113958.D	8.61	3.65
IBLK	IBLK	09/10/2025	09:10	PQ070788.D	7.54	2.78
AR1660ICC1000	AR1660ICC1000	09/10/2025	09:25	PQ070789.D	7.54	2.78
AR1660ICC750	AR1660ICC750	09/10/2025	09:39	PQ070790.D	7.54	2.78
AR1660ICC500	AR1660ICC500	09/10/2025	09:54	PQ070791.D	7.54	2.78
AR1660ICC250	AR1660ICC250	09/10/2025	10:09	PQ070792.D	7.54	2.78
AR1660ICC050	AR1660ICC050	09/10/2025	10:23	PQ070793.D	7.54	2.78
AR1221ICC500	AR1221ICC500	09/10/2025	10:38	PQ070794.D	7.54	2.78
AR1232ICC500	AR1232ICC500	09/10/2025	10:52	PQ070795.D	7.53	2.78
AR1242ICC500	AR1242ICC500	09/10/2025	11:07	PQ070796.D	7.54	2.78
AR1248ICC500	AR1248ICC500	09/10/2025	11:21	PQ070797.D	7.54	2.78
AR1254ICC500	AR1254ICC500	09/10/2025	11:36	PQ070798.D	7.54	2.78
AR1262ICC500	AR1262ICC500	09/10/2025	11:51	PQ070799.D	7.54	2.78

Analytical Sequence

AR1268ICC500	AR1268ICC500	09/10/2025	12:05	PQ070800.D	7.54	2.78
AR1660CCC500	AR1660CCC500	09/22/2025	13:19	PQ070933.D	7.53	2.78
IBLK	IBLK	09/22/2025	13:34	PQ070934.D	7.53	2.78
EO-02-091925MS	Q3152-01MS	09/22/2025	15:46	PQ070942.D	7.53	2.78
EO-02-091925MSD	Q3152-01MSD	09/22/2025	16:00	PQ070943.D	7.54	2.78
AR1660CCC500	AR1660CCC500	09/22/2025	18:02	PQ070944.D	7.53	2.78
IBLK	IBLK	09/22/2025	18:31	PQ070945.D	7.54	2.78



QC SAMPLE DATA

A

B

C

D

E

F

G

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169771BL	SDG No.:	Q3155
Lab Sample ID:	PB169771BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113953.D	1	09/22/25 08:40	09/23/25 07:24	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		32 - 175	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/15/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/15/25
Client Sample ID:	PIBLK-PO113719.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PO113719.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113719.D	1		09/15/25	po091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140	86%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/22/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/22/25
Client Sample ID:	PIBLK-PO113908.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PO113908.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113908.D	1		09/22/25	PO092225

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	17.5		60 - 140	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.8		60 - 140	79%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/22/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/22/25
Client Sample ID:	PIBLK-PO113923.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PO113923.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113923.D	1		09/22/25	po092225

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	17.7		60 - 140	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		60 - 140	81%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/23/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/23/25
Client Sample ID:	PIBLK-PO113952.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PO113952.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113952.D	1		09/23/25	po092225

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	17.5		60 - 140	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.2		60 - 140	91%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/23/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/23/25
Client Sample ID:	PIBLK-PO113958.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PO113958.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113958.D	1		09/23/25	po092225

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	17.5		60 - 140	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 140	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/10/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/10/25
Client Sample ID:	PIBLK-PQ070788.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PQ070788.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070788.D	1		09/10/25	PQ091025

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	17.2		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.5		60 - 140	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/22/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/22/25
Client Sample ID:	PIBLK-PQ070934.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PQ070934.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070934.D	1		09/22/25	PQ092225

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	14.9		60 - 140	74%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/22/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/22/25
Client Sample ID:	PIBLK-PQ070945.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PQ070945.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070945.D	1		09/22/25	PQ092225

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	15.4		60 - 140	77%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.7		60 - 140	64%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169771BS	SDG No.:	Q3155
Lab Sample ID:	PB169771BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113954.D	1	09/22/25 08:40	09/23/25 07:43	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	156		3.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
11096-82-5	Aroclor-1260	163		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		32 - 175	108%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	EO-02-091925MS	SDG No.:	Q3155
Lab Sample ID:	Q3152-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070942.D	1	09/22/25 08:40	09/22/25 15:46	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	177		4.30	18.4	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.4	ug/kg
11096-82-5	Aroclor-1260	138		3.50	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.4		32 - 144	72%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.3		32 - 175	67%	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	EO-02-091925MSD	SDG No.:	Q3155
Lab Sample ID:	Q3152-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.3
Sample Wt/Vol:	30.05 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070943.D	1	09/22/25 08:40	09/22/25 16:00	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	187		4.30	18.4	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.4	ug/kg
11096-82-5	Aroclor-1260	134		3.50	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.0		32 - 144	75%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.9		32 - 175	64%	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

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-01	COMP-1	SOIL			09/18/25			09/19/25
			Mercury	7471B		09/22/25	09/23/25	
			Metals ICP-Group1	6010D		09/22/25	09/24/25	
Q3155-02	COMP-2	SOIL			09/18/25			09/19/25
			Mercury	7471B		09/22/25	09/23/25	
			Metals ICP-Group1	6010D		09/22/25	09/24/25	
Q3155-03	COMP-3	SOIL			09/18/25			09/19/25
			Mercury	7471B		09/22/25	09/23/25	
			Metals ICP-Group1	6010D		09/22/25	09/24/25	

Hit Summary Sheet
SW-846

SDG No.: Q3155 **Order ID:** Q3155
Client: Kleinfelder **Project ID:** Tanner G. Duckrey Public School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
Q3155-01	COMP-1	SOIL	Aluminum	12400	J	0.86	5.13	mg/Kg
Q3155-01	COMP-1	SOIL	Arsenic	6.65		0.20	1.03	mg/Kg
Q3155-01	COMP-1	SOIL	Barium	79.9		0.75	5.13	mg/Kg
Q3155-01	COMP-1	SOIL	Beryllium	1.05		0.026	0.31	mg/Kg
Q3155-01	COMP-1	SOIL	Boron	4.20		0.82	5.13	mg/Kg
Q3155-01	COMP-1	SOIL	Cadmium	1.37		0.025	0.31	mg/Kg
Q3155-01	COMP-1	SOIL	Chromium	24.9		0.048	0.51	mg/Kg
Q3155-01	COMP-1	SOIL	Cobalt	11.2		0.10	1.54	mg/Kg
Q3155-01	COMP-1	SOIL	Copper	49.7		0.23	1.03	mg/Kg
Q3155-01	COMP-1	SOIL	Iron	20600		4.09	5.13	mg/Kg
Q3155-01	COMP-1	SOIL	Lead	93.2		0.13	0.62	mg/Kg
Q3155-01	COMP-1	SOIL	Manganese	298		0.14	1.03	mg/Kg
Q3155-01	COMP-1	SOIL	Mercury	0.18		0.0080	0.015	mg/Kg
Q3155-01	COMP-1	SOIL	Nickel	18.7		0.13	2.05	mg/Kg
Q3155-01	COMP-1	SOIL	Vanadium	35.3		0.26	2.05	mg/Kg
Q3155-01	COMP-1	SOIL	Zinc	135		0.24	2.05	mg/Kg
Client ID : COMP-2								
Q3155-02	COMP-2	SOIL	Aluminum	11600	J	0.82	4.86	mg/Kg
Q3155-02	COMP-2	SOIL	Arsenic	4.61		0.19	0.97	mg/Kg
Q3155-02	COMP-2	SOIL	Barium	68.5		0.71	4.86	mg/Kg
Q3155-02	COMP-2	SOIL	Beryllium	0.89		0.024	0.29	mg/Kg
Q3155-02	COMP-2	SOIL	Boron	3.55		0.78	4.86	mg/Kg
Q3155-02	COMP-2	SOIL	Cadmium	1.15		0.023	0.29	mg/Kg
Q3155-02	COMP-2	SOIL	Chromium	17.7		0.046	0.49	mg/Kg
Q3155-02	COMP-2	SOIL	Cobalt	10.7		0.097	1.46	mg/Kg
Q3155-02	COMP-2	SOIL	Copper	38.6		0.21	0.97	mg/Kg
Q3155-02	COMP-2	SOIL	Iron	17100		3.88	4.86	mg/Kg
Q3155-02	COMP-2	SOIL	Lead	104		0.13	0.58	mg/Kg
Q3155-02	COMP-2	SOIL	Manganese	285		0.14	0.97	mg/Kg
Q3155-02	COMP-2	SOIL	Mercury	0.17		0.0080	0.014	mg/Kg
Q3155-02	COMP-2	SOIL	Nickel	15.4		0.13	1.94	mg/Kg
Q3155-02	COMP-2	SOIL	Vanadium	33.0		0.24	1.94	mg/Kg
Q3155-02	COMP-2	SOIL	Zinc	146		0.22	1.94	mg/Kg
Client ID : COMP-3								
Q3155-03	COMP-3	SOIL	Aluminum	12400		0.82	4.91	mg/Kg
Q3155-03	COMP-3	SOIL	Arsenic	4.02		0.19	0.98	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3155

Order ID: Q3155

Client: Kleinfelder

Project ID: Tanner G. Duckrey Public School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3155-03	COMP-3	SOIL	Barium	84.0		0.72	4.91	mg/Kg
Q3155-03	COMP-3	SOIL	Beryllium	0.93		0.025	0.29	mg/Kg
Q3155-03	COMP-3	SOIL	Boron	1.96	J	0.79	4.91	mg/Kg
Q3155-03	COMP-3	SOIL	Cadmium	1.00		0.024	0.29	mg/Kg
Q3155-03	COMP-3	SOIL	Chromium	18.3		0.046	0.49	mg/Kg
Q3155-03	COMP-3	SOIL	Cobalt	11.2		0.098	1.47	mg/Kg
Q3155-03	COMP-3	SOIL	Copper	38.9		0.22	0.98	mg/Kg
Q3155-03	COMP-3	SOIL	Iron	18000		3.92	4.91	mg/Kg
Q3155-03	COMP-3	SOIL	Lead	102		0.13	0.59	mg/Kg
Q3155-03	COMP-3	SOIL	Manganese	308		0.14	0.98	mg/Kg
Q3155-03	COMP-3	SOIL	Mercury	0.33		0.0070	0.013	mg/Kg
Q3155-03	COMP-3	SOIL	Nickel	16.4		0.13	1.96	mg/Kg
Q3155-03	COMP-3	SOIL	Vanadium	32.7		0.25	1.96	mg/Kg
Q3155-03	COMP-3	SOIL	Zinc	94.8		0.23	1.96	mg/Kg



SAMPLE DATA

A

B

C

D

E

F

G

H

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12400		1	0.86	5.13	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.57	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-38-2	Arsenic	6.65		1	0.20	1.03	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-39-3	Barium	79.9		1	0.75	5.13	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-41-7	Beryllium	1.05		1	0.026	0.31	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-42-8	Boron	4.20	JN*	1	0.82	5.13	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-43-9	Cadmium	1.37		1	0.025	0.31	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-47-3	Chromium	24.9		1	0.048	0.51	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-48-4	Cobalt	11.2		1	0.10	1.54	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-50-8	Copper	49.7	N	1	0.23	1.03	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7439-89-6	Iron	20600		1	4.09	5.13	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7439-92-1	Lead	93.2	N*	1	0.13	0.62	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7439-96-5	Manganese	298		1	0.14	1.03	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7439-97-6	Mercury	0.18	N	1	0.0080	0.015	mg/Kg	09/22/25 15:10	09/23/25 09:45	7471B	
7439-98-7	Molybdenum	0.83	U	1	0.83	10.3	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-02-0	Nickel	18.7		1	0.13	2.05	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.03	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.51	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.05	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-62-2	Vanadium	35.3	N	1	0.26	2.05	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-66-6	Zinc	135		1	0.24	2.05	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11600		1	0.82	4.86	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.43	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-38-2	Arsenic	4.61		1	0.19	0.97	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-39-3	Barium	68.5		1	0.71	4.86	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-41-7	Beryllium	0.89		1	0.024	0.29	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-42-8	Boron	3.55	JN*	1	0.78	4.86	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-43-9	Cadmium	1.15		1	0.023	0.29	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-47-3	Chromium	17.7		1	0.046	0.49	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-48-4	Cobalt	10.7		1	0.097	1.46	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-50-8	Copper	38.6	N	1	0.21	0.97	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7439-89-6	Iron	17100		1	3.88	4.86	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7439-92-1	Lead	104	N*	1	0.13	0.58	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7439-96-5	Manganese	285		1	0.14	0.97	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7439-97-6	Mercury	0.17	N	1	0.0080	0.014	mg/Kg	09/22/25 15:10	09/23/25 09:48	7471B	
7439-98-7	Molybdenum	0.79	U	1	0.79	9.71	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-02-0	Nickel	15.4		1	0.13	1.94	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.97	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.49	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.94	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-62-2	Vanadium	33.0	N	1	0.24	1.94	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-66-6	Zinc	146		1	0.22	1.94	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12400		1	0.82	4.91	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.45	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-38-2	Arsenic	4.02		1	0.19	0.98	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-39-3	Barium	84.0		1	0.72	4.91	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-41-7	Beryllium	0.93		1	0.025	0.29	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-42-8	Boron	1.96	JN*	1	0.79	4.91	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-43-9	Cadmium	1.00		1	0.024	0.29	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-47-3	Chromium	18.3		1	0.046	0.49	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-48-4	Cobalt	11.2		1	0.098	1.47	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-50-8	Copper	38.9	N	1	0.22	0.98	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7439-89-6	Iron	18000		1	3.92	4.91	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7439-92-1	Lead	102	N*	1	0.13	0.59	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7439-96-5	Manganese	308		1	0.14	0.98	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7439-97-6	Mercury	0.33	N	1	0.0070	0.013	mg/Kg	09/22/25 15:10	09/23/25 09:50	7471B	
7439-98-7	Molybdenum	0.80	U	1	0.80	9.81	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-02-0	Nickel	16.4		1	0.13	1.96	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7782-49-2	Selenium	0.26	U	1	0.26	0.98	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.49	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.96	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-62-2	Vanadium	32.7	N	1	0.25	1.96	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-66-6	Zinc	94.8		1	0.23	1.96	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group1			

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

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



METAL CALIBRATION DATA

A

B

C

D

E

F

G

H

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder
Contract: POWE02
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

SDG No.: Q3155
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV40	Mercury	3.91	4.0	98	90 - 110	CV	09/23/2025	09:04	LB137272

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

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
CCV20	Mercury	5.01	5.0	100	90 - 110	CV	09/23/2025	09:09	LB137272
CCV21	Mercury	4.91	5.0	98	90 - 110	CV	09/23/2025	09:40	LB137272
CCV22	Mercury	4.99	5.0	100	90 - 110	CV	09/23/2025	10:12	LB137272
CCV23	Mercury	4.98	5.0	100	90 - 110	CV	09/23/2025	10:22	LB137272

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

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	7750	8000	97	90 - 110	P	09/24/2025	11:34	LB137295
	Antimony	4020	4000	101	90 - 110	P	09/24/2025	11:34	LB137295
	Arsenic	3850	4000	96	90 - 110	P	09/24/2025	11:34	LB137295
	Barium	7680	8000	96	90 - 110	P	09/24/2025	11:34	LB137295
	Beryllium	193	200	97	90 - 110	P	09/24/2025	11:34	LB137295
	Boron	3780	4000	95	90 - 110	P	09/24/2025	11:34	LB137295
	Cadmium	1900	2000	95	90 - 110	P	09/24/2025	11:34	LB137295
	Chromium	801	800	100	90 - 110	P	09/24/2025	11:34	LB137295
	Cobalt	1920	2000	96	90 - 110	P	09/24/2025	11:34	LB137295
	Copper	985	1000	98	90 - 110	P	09/24/2025	11:34	LB137295
	Iron	3960	4000	99	90 - 110	P	09/24/2025	11:34	LB137295
	Lead	3720	4000	93	90 - 110	P	09/24/2025	11:34	LB137295
	Manganese	1910	2000	96	90 - 110	P	09/24/2025	11:34	LB137295
	Molybdenum	3990	4000	100	90 - 110	P	09/24/2025	11:34	LB137295
	Nickel	1920	2000	96	90 - 110	P	09/24/2025	11:34	LB137295
	Selenium	3870	4000	97	90 - 110	P	09/24/2025	11:34	LB137295
	Silver	1000	1000	100	90 - 110	P	09/24/2025	11:34	LB137295
	Thallium	3780	4000	95	90 - 110	P	09/24/2025	11:34	LB137295
	Vanadium	1930	2000	97	90 - 110	P	09/24/2025	11:34	LB137295
	Zinc	1990	2000	99	90 - 110	P	09/24/2025	11:34	LB137295

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

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	101	100	101	80 - 120	P	09/24/2025	11:44	LB137295
	Antimony	53.5	50.0	107	80 - 120	P	09/24/2025	11:44	LB137295
	Arsenic	23.2	20.0	116	80 - 120	P	09/24/2025	11:44	LB137295
	Barium	97.3	100	97	80 - 120	P	09/24/2025	11:44	LB137295
	Beryllium	6.24	6.0	104	80 - 120	P	09/24/2025	11:44	LB137295
	Boron	99.4	100	99	80 - 120	P	09/24/2025	11:44	LB137295
	Cadmium	6.05	6.0	101	80 - 120	P	09/24/2025	11:44	LB137295
	Chromium	10.6	10.0	106	80 - 120	P	09/24/2025	11:44	LB137295
	Cobalt	30.3	30.0	101	80 - 120	P	09/24/2025	11:44	LB137295
	Copper	21.7	20.0	108	80 - 120	P	09/24/2025	11:44	LB137295
	Iron	115	100	115	80 - 120	P	09/24/2025	11:44	LB137295
	Lead	11.9	12.0	99	80 - 120	P	09/24/2025	11:44	LB137295
	Manganese	20.9	20.0	104	80 - 120	P	09/24/2025	11:44	LB137295
	Molybdenum	209	200	104	80 - 120	P	09/24/2025	11:44	LB137295
	Nickel	41.6	40.0	104	80 - 120	P	09/24/2025	11:44	LB137295
	Selenium	23.9	20.0	120	80 - 120	P	09/24/2025	11:44	LB137295
	Silver	11.8	10.0	118	80 - 120	P	09/24/2025	11:44	LB137295
	Thallium	37.8	40.0	94	80 - 120	P	09/24/2025	11:44	LB137295
	Vanadium	44.6	40.0	112	80 - 120	P	09/24/2025	11:44	LB137295
	Zinc	46.1	40.0	115	80 - 120	P	09/24/2025	11:44	LB137295

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

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	10000	10000	100	90 - 110	P	09/24/2025	12:21	LB137295
	Antimony	5160	5000	103	90 - 110	P	09/24/2025	12:21	LB137295
	Arsenic	4990	5000	100	90 - 110	P	09/24/2025	12:21	LB137295
	Barium	9720	10000	97	90 - 110	P	09/24/2025	12:21	LB137295
	Beryllium	246	250	98	90 - 110	P	09/24/2025	12:21	LB137295
	Boron	4860	5000	97	90 - 110	P	09/24/2025	12:21	LB137295
	Cadmium	2450	2500	98	90 - 110	P	09/24/2025	12:21	LB137295
	Chromium	1020	1000	102	90 - 110	P	09/24/2025	12:21	LB137295
	Cobalt	2450	2500	98	90 - 110	P	09/24/2025	12:21	LB137295
	Copper	1240	1250	99	90 - 110	P	09/24/2025	12:21	LB137295
	Iron	5200	5000	104	90 - 110	P	09/24/2025	12:21	LB137295
	Lead	4870	5000	97	90 - 110	P	09/24/2025	12:21	LB137295
	Manganese	2470	2500	99	90 - 110	P	09/24/2025	12:21	LB137295
	Molybdenum	5180	5000	104	90 - 110	P	09/24/2025	12:21	LB137295
	Nickel	2450	2500	98	90 - 110	P	09/24/2025	12:21	LB137295
	Selenium	5040	5000	101	90 - 110	P	09/24/2025	12:21	LB137295
	Silver	1270	1250	101	90 - 110	P	09/24/2025	12:21	LB137295
	Thallium	4570	5000	92	90 - 110	P	09/24/2025	12:21	LB137295
	Vanadium	2510	2500	100	90 - 110	P	09/24/2025	12:21	LB137295
	Zinc	2570	2500	103	90 - 110	P	09/24/2025	12:21	LB137295
CCV02	Aluminum	10100	10000	101	90 - 110	P	09/24/2025	13:40	LB137295
	Antimony	5260	5000	105	90 - 110	P	09/24/2025	13:40	LB137295
	Arsenic	5130	5000	103	90 - 110	P	09/24/2025	13:40	LB137295
	Barium	9830	10000	98	90 - 110	P	09/24/2025	13:40	LB137295
	Beryllium	256	250	102	90 - 110	P	09/24/2025	13:40	LB137295
	Boron	4980	5000	100	90 - 110	P	09/24/2025	13:40	LB137295
	Cadmium	2490	2500	100	90 - 110	P	09/24/2025	13:40	LB137295
	Chromium	1040	1000	104	90 - 110	P	09/24/2025	13:40	LB137295
	Cobalt	2490	2500	99	90 - 110	P	09/24/2025	13:40	LB137295
	Copper	1260	1250	101	90 - 110	P	09/24/2025	13:40	LB137295
	Iron	5020	5000	100	90 - 110	P	09/24/2025	13:40	LB137295
	Lead	4950	5000	99	90 - 110	P	09/24/2025	13:40	LB137295
	Manganese	2450	2500	98	90 - 110	P	09/24/2025	13:40	LB137295
	Molybdenum	5320	5000	106	90 - 110	P	09/24/2025	13:40	LB137295

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

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	2490	2500	100	90 - 110	P	09/24/2025	13:40	LB137295
	Selenium	5200	5000	104	90 - 110	P	09/24/2025	13:40	LB137295
	Silver	1270	1250	102	90 - 110	P	09/24/2025	13:40	LB137295
	Thallium	5010	5000	100	90 - 110	P	09/24/2025	13:40	LB137295
	Vanadium	2510	2500	100	90 - 110	P	09/24/2025	13:40	LB137295
	Zinc	2510	2500	100	90 - 110	P	09/24/2025	13:40	LB137295
CCV03	Aluminum	9940	10000	99	90 - 110	P	09/24/2025	14:42	LB137295
	Antimony	5080	5000	102	90 - 110	P	09/24/2025	14:42	LB137295
	Arsenic	4900	5000	98	90 - 110	P	09/24/2025	14:42	LB137295
	Barium	9580	10000	96	90 - 110	P	09/24/2025	14:42	LB137295
	Beryllium	255	250	102	90 - 110	P	09/24/2025	14:42	LB137295
	Boron	5010	5000	100	90 - 110	P	09/24/2025	14:42	LB137295
	Cadmium	2400	2500	96	90 - 110	P	09/24/2025	14:42	LB137295
	Chromium	1020	1000	102	90 - 110	P	09/24/2025	14:42	LB137295
	Cobalt	2390	2500	96	90 - 110	P	09/24/2025	14:42	LB137295
	Copper	1210	1250	97	90 - 110	P	09/24/2025	14:42	LB137295
	Iron	4740	5000	95	90 - 110	P	09/24/2025	14:42	LB137295
	Lead	4760	5000	95	90 - 110	P	09/24/2025	14:42	LB137295
	Manganese	2400	2500	96	90 - 110	P	09/24/2025	14:42	LB137295
	Molybdenum	5210	5000	104	90 - 110	P	09/24/2025	14:42	LB137295
	Nickel	2390	2500	96	90 - 110	P	09/24/2025	14:42	LB137295
	Selenium	4960	5000	99	90 - 110	P	09/24/2025	14:42	LB137295
	Silver	1230	1250	98	90 - 110	P	09/24/2025	14:42	LB137295
	Thallium	4990	5000	100	90 - 110	P	09/24/2025	14:42	LB137295
	Vanadium	2470	2500	99	90 - 110	P	09/24/2025	14:42	LB137295
	Zinc	2360	2500	94	90 - 110	P	09/24/2025	14:42	LB137295
CCV04	Aluminum	9910	10000	99	90 - 110	P	09/24/2025	15:41	LB137295
	Antimony	5280	5000	106	90 - 110	P	09/24/2025	15:41	LB137295
	Arsenic	5110	5000	102	90 - 110	P	09/24/2025	15:41	LB137295
	Barium	9490	10000	95	90 - 110	P	09/24/2025	15:41	LB137295
	Beryllium	253	250	101	90 - 110	P	09/24/2025	15:41	LB137295
	Boron	4930	5000	99	90 - 110	P	09/24/2025	15:41	LB137295
	Cadmium	2470	2500	99	90 - 110	P	09/24/2025	15:41	LB137295
	Chromium	1030	1000	103	90 - 110	P	09/24/2025	15:41	LB137295

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder
Contract: POWE02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3155
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Cobalt	2460	2500	98	90 - 110	P	09/24/2025	15:41	LB137295
	Copper	1250	1250	100	90 - 110	P	09/24/2025	15:41	LB137295
	Iron	4960	5000	99	90 - 110	P	09/24/2025	15:41	LB137295
	Lead	4910	5000	98	90 - 110	P	09/24/2025	15:41	LB137295
	Manganese	2400	2500	96	90 - 110	P	09/24/2025	15:41	LB137295
	Molybdenum	5340	5000	107	90 - 110	P	09/24/2025	15:41	LB137295
	Nickel	2470	2500	99	90 - 110	P	09/24/2025	15:41	LB137295
	Selenium	5190	5000	104	90 - 110	P	09/24/2025	15:41	LB137295
	Silver	1260	1250	101	90 - 110	P	09/24/2025	15:41	LB137295
	Thallium	5040	5000	101	90 - 110	P	09/24/2025	15:41	LB137295
	Vanadium	2480	2500	99	90 - 110	P	09/24/2025	15:41	LB137295
	Zinc	2460	2500	99	90 - 110	P	09/24/2025	15:41	LB137295
CCV05	Aluminum	10000	10000	100	90 - 110	P	09/24/2025	16:31	LB137295
	Antimony	5360	5000	107	90 - 110	P	09/24/2025	16:31	LB137295
	Arsenic	5200	5000	104	90 - 110	P	09/24/2025	16:31	LB137295
	Barium	9770	10000	98	90 - 110	P	09/24/2025	16:31	LB137295
	Beryllium	261	250	104	90 - 110	P	09/24/2025	16:31	LB137295
	Boron	5090	5000	102	90 - 110	P	09/24/2025	16:31	LB137295
	Cadmium	2520	2500	101	90 - 110	P	09/24/2025	16:31	LB137295
	Chromium	1050	1000	105	90 - 110	P	09/24/2025	16:31	LB137295
	Cobalt	2500	2500	100	90 - 110	P	09/24/2025	16:31	LB137295
	Copper	1280	1250	102	90 - 110	P	09/24/2025	16:31	LB137295
	Iron	4990	5000	100	90 - 110	P	09/24/2025	16:31	LB137295
	Lead	5000	5000	100	90 - 110	P	09/24/2025	16:31	LB137295
	Manganese	2450	2500	98	90 - 110	P	09/24/2025	16:31	LB137295
	Molybdenum	5370	5000	107	90 - 110	P	09/24/2025	16:31	LB137295
	Nickel	2510	2500	101	90 - 110	P	09/24/2025	16:31	LB137295
	Selenium	5310	5000	106	90 - 110	P	09/24/2025	16:31	LB137295
	Silver	1280	1250	102	90 - 110	P	09/24/2025	16:31	LB137295
	Thallium	5130	5000	103	90 - 110	P	09/24/2025	16:31	LB137295
	Vanadium	2510	2500	101	90 - 110	P	09/24/2025	16:31	LB137295
	Zinc	2540	2500	102	90 - 110	P	09/24/2025	16:31	LB137295
CCV06	Aluminum	10000	10000	100	90 - 110	P	09/24/2025	17:33	LB137295
	Antimony	5170	5000	103	90 - 110	P	09/24/2025	17:33	LB137295

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder
Contract: POWE02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3155
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Arsenic	5040	5000	101	90 - 110	P	09/24/2025	17:33	LB137295
	Barium	9650	10000	96	90 - 110	P	09/24/2025	17:33	LB137295
	Beryllium	265	250	106	90 - 110	P	09/24/2025	17:33	LB137295
	Boron	5140	5000	103	90 - 110	P	09/24/2025	17:33	LB137295
	Cadmium	2460	2500	98	90 - 110	P	09/24/2025	17:33	LB137295
	Chromium	1040	1000	104	90 - 110	P	09/24/2025	17:33	LB137295
	Cobalt	2450	2500	98	90 - 110	P	09/24/2025	17:33	LB137295
	Copper	1240	1250	99	90 - 110	P	09/24/2025	17:33	LB137295
	Iron	4900	5000	98	90 - 110	P	09/24/2025	17:33	LB137295
	Lead	4890	5000	98	90 - 110	P	09/24/2025	17:33	LB137295
	Manganese	2430	2500	97	90 - 110	P	09/24/2025	17:33	LB137295
	Molybdenum	5290	5000	106	90 - 110	P	09/24/2025	17:33	LB137295
	Nickel	2460	2500	98	90 - 110	P	09/24/2025	17:33	LB137295
	Selenium	5120	5000	102	90 - 110	P	09/24/2025	17:33	LB137295
	Silver	1270	1250	102	90 - 110	P	09/24/2025	17:33	LB137295
	Thallium	4830	5000	97	90 - 110	P	09/24/2025	17:33	LB137295
	Vanadium	2510	2500	100	90 - 110	P	09/24/2025	17:33	LB137295
	Zinc	2710	2500	108	90 - 110	P	09/24/2025	17:33	LB137295
CCV07	Aluminum	9820	10000	98	90 - 110	P	09/24/2025	18:37	LB137295
	Antimony	5150	5000	103	90 - 110	P	09/24/2025	18:37	LB137295
	Arsenic	5030	5000	101	90 - 110	P	09/24/2025	18:37	LB137295
	Barium	9460	10000	95	90 - 110	P	09/24/2025	18:37	LB137295
	Beryllium	256	250	102	90 - 110	P	09/24/2025	18:37	LB137295
	Boron	4980	5000	100	90 - 110	P	09/24/2025	18:37	LB137295
	Cadmium	2420	2500	97	90 - 110	P	09/24/2025	18:37	LB137295
	Chromium	1020	1000	102	90 - 110	P	09/24/2025	18:37	LB137295
	Cobalt	2420	2500	97	90 - 110	P	09/24/2025	18:37	LB137295
	Copper	1230	1250	98	90 - 110	P	09/24/2025	18:37	LB137295
	Iron	4850	5000	97	90 - 110	P	09/24/2025	18:37	LB137295
	Lead	4820	5000	96	90 - 110	P	09/24/2025	18:37	LB137295
	Manganese	2370	2500	95	90 - 110	P	09/24/2025	18:37	LB137295
	Molybdenum	5270	5000	105	90 - 110	P	09/24/2025	18:37	LB137295
	Nickel	2420	2500	97	90 - 110	P	09/24/2025	18:37	LB137295
	Selenium	5120	5000	102	90 - 110	P	09/24/2025	18:37	LB137295

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

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	1250	1250	100	90 - 110	P	09/24/2025	18:37	LB137295
	Thallium	5170	5000	103	90 - 110	P	09/24/2025	18:37	LB137295
	Vanadium	2470	2500	99	90 - 110	P	09/24/2025	18:37	LB137295
	Zinc	2500	2500	100	90 - 110	P	09/24/2025	18:37	LB137295
CCV08	Aluminum	9850	10000	98	90 - 110	P	09/24/2025	19:03	LB137295
	Antimony	5280	5000	106	90 - 110	P	09/24/2025	19:03	LB137295
	Arsenic	5170	5000	103	90 - 110	P	09/24/2025	19:03	LB137295
	Barium	9540	10000	95	90 - 110	P	09/24/2025	19:03	LB137295
	Beryllium	259	250	104	90 - 110	P	09/24/2025	19:03	LB137295
	Boron	5040	5000	101	90 - 110	P	09/24/2025	19:03	LB137295
	Cadmium	2480	2500	99	90 - 110	P	09/24/2025	19:03	LB137295
	Chromium	1030	1000	103	90 - 110	P	09/24/2025	19:03	LB137295
	Cobalt	2470	2500	99	90 - 110	P	09/24/2025	19:03	LB137295
	Copper	1260	1250	101	90 - 110	P	09/24/2025	19:03	LB137295
	Iron	4890	5000	98	90 - 110	P	09/24/2025	19:03	LB137295
	Lead	4920	5000	98	90 - 110	P	09/24/2025	19:03	LB137295
	Manganese	2380	2500	95	90 - 110	P	09/24/2025	19:03	LB137295
	Molybdenum	5330	5000	107	90 - 110	P	09/24/2025	19:03	LB137295
	Nickel	2480	2500	99	90 - 110	P	09/24/2025	19:03	LB137295
	Selenium	5270	5000	105	90 - 110	P	09/24/2025	19:03	LB137295
	Silver	1270	1250	102	90 - 110	P	09/24/2025	19:03	LB137295
	Thallium	5110	5000	102	90 - 110	P	09/24/2025	19:03	LB137295
	Vanadium	2480	2500	99	90 - 110	P	09/24/2025	19:03	LB137295
	Zinc	2540	2500	102	90 - 110	P	09/24/2025	19:03	LB137295

Metals

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CRDL STANDARD FOR AA & ICP

Client: Kleinfelder **SDG No.:** Q3155
Contract: POWE02 **Lab Code:** ACE
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	0.19	0.2	96	70 - 130	CV	09/23/2025	09:16	LB137272
CRI01	Aluminum	109	100	109	65 - 135	P	09/24/2025	12:00	LB137295
	Antimony	50.9	50.0	102	65 - 135	P	09/24/2025	12:00	LB137295
	Arsenic	20.9	20.0	105	65 - 135	P	09/24/2025	12:00	LB137295
	Barium	97.2	100	97	65 - 135	P	09/24/2025	12:00	LB137295
	Beryllium	6.16	6.0	103	65 - 135	P	09/24/2025	12:00	LB137295
	Boron	93.6	100	94	65 - 135	P	09/24/2025	12:00	LB137295
	Cadmium	5.84	6.0	97	65 - 135	P	09/24/2025	12:00	LB137295
	Chromium	9.93	10.0	99	65 - 135	P	09/24/2025	12:00	LB137295
	Cobalt	29.5	30.0	98	65 - 135	P	09/24/2025	12:00	LB137295
	Copper	20.7	20.0	104	65 - 135	P	09/24/2025	12:00	LB137295
	Iron	94.1	100	94	65 - 135	P	09/24/2025	12:00	LB137295
	Lead	11.1	12.0	92	65 - 135	P	09/24/2025	12:00	LB137295
	Manganese	20.4	20.0	102	65 - 135	P	09/24/2025	12:00	LB137295
	Molybdenum	204	200	102	65 - 135	P	09/24/2025	12:00	LB137295
	Nickel	40.0	40.0	100	65 - 135	P	09/24/2025	12:00	LB137295
	Selenium	21.7	20.0	109	65 - 135	P	09/24/2025	12:00	LB137295
	Silver	11.5	10.0	115	65 - 135	P	09/24/2025	12:00	LB137295
	Thallium	37.5	40.0	94	65 - 135	P	09/24/2025	12:00	LB137295
	Vanadium	44.3	40.0	111	65 - 135	P	09/24/2025	12:00	LB137295
	Zinc	45.8	40.0	115	65 - 135	P	09/24/2025	12:00	LB137295



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

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB40	Mercury	0.076	+/-0.2	U	0.20	CV	09/23/2025	09:06	LB137272

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q3155
Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB20	Mercury	0.076	+/-0.2	U	0.20	CV	09/23/2025	09:11	LB137272
CCB21	Mercury	0.076	+/-0.2	U	0.20	CV	09/23/2025	09:43	LB137272
CCB22	Mercury	0.076	+/-0.2	U	0.20	CV	09/23/2025	10:14	LB137272
CCB23	Mercury	0.076	+/-0.2	U	0.20	CV	09/23/2025	10:24	LB137272

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	09/24/2025	11:56	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	11:56	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	11:56	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	11:56	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	11:56	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	11:56	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	11:56	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	11:56	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	11:56	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	11:56	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	11:56	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	11:56	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	11:56	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	11:56	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	11:56	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	11:56	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	11:56	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	11:56	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	11:56	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	11:56	LB137295

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	09/24/2025	12:26	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	12:26	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	12:26	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	12:26	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	12:26	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	12:26	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	12:26	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	12:26	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	12:26	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	12:26	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	12:26	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	12:26	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	12:26	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	12:26	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	12:26	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	12:26	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	12:26	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	12:26	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	12:26	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	12:26	LB137295
CCB02	Aluminum	11.3	+/-50	U	100	P	09/24/2025	13:44	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	13:44	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	13:44	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	13:44	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	13:44	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	13:44	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	13:44	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	13:44	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	13:44	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	13:44	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	13:44	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	13:44	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	13:44	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	13:44	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	13:44	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	13:44	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	13:44	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	13:44	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	13:44	LB137295

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder SDG No.: Q3155
Contract: POWE02 Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	13:44	LB137295
CCB03	Aluminum	11.3	+/-50	U	100	P	09/24/2025	14:46	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	14:46	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	14:46	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	14:46	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	14:46	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	14:46	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	14:46	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	14:46	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	14:46	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	14:46	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	14:46	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	14:46	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	14:46	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	14:46	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	14:46	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	14:46	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	14:46	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	14:46	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	14:46	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	14:46	LB137295
CCB04	Aluminum	11.3	+/-50	U	100	P	09/24/2025	15:46	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	15:46	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	15:46	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	15:46	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	15:46	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	15:46	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	15:46	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	15:46	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	15:46	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	15:46	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	15:46	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	15:46	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	15:46	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	15:46	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	15:46	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	15:46	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	15:46	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	15:46	LB137295

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder SDG No.: Q3155
Contract: POWE02 Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	15:46	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	15:46	LB137295
CCB05	Aluminum	11.3	+/-50	U	100	P	09/24/2025	16:35	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	16:35	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	16:35	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	16:35	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	16:35	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	16:35	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	16:35	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	16:35	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	16:35	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	16:35	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	16:35	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	16:35	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	16:35	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	16:35	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	16:35	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	16:35	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	16:35	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	16:35	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	16:35	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	16:35	LB137295
CCB06	Aluminum	11.3	+/-50	U	100	P	09/24/2025	17:37	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	17:37	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	17:37	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	17:37	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	17:37	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	17:37	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	17:37	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	17:37	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	17:37	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	17:37	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	17:37	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	17:37	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	17:37	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	17:37	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	17:37	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	17:37	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	17:37	LB137295

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder SDG No.: Q3155
Contract: POWE02 Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	17:37	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	17:37	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	17:37	LB137295
CCB07	Aluminum	11.3	+/-50	U	100	P	09/24/2025	18:42	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	18:42	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	18:42	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	18:42	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	18:42	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	18:42	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	18:42	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	18:42	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	18:42	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	18:42	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	18:42	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	18:42	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	18:42	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	18:42	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	18:42	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	18:42	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	18:42	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	18:42	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	18:42	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	18:42	LB137295
CCB08	Aluminum	11.3	+/-50	U	100	P	09/24/2025	19:07	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	19:07	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	19:07	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	19:07	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	19:07	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	19:07	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	19:07	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	19:07	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	19:07	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	19:07	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	19:07	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	19:07	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	19:07	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	19:07	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	19:07	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	19:07	LB137295

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q3155
Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Silver	1.62	+/-5	U	10.0	P	09/24/2025	19:07	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	19:07	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	19:07	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	19:07	LB137295

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169787BL		SOLID		Batch Number:	PB169787		Prep Date:	09/22/2025	
	Mercury	0.0070	<0.013	U	0.013	CV	09/23/2025	09:23	LB137272

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169761BL	SOLID			Batch Number:	PB169761		Prep Date:	09/22/2025	
	Aluminum	0.84	<2.5	U	5.00	P	09/24/2025	16:26	LB137295
	Antimony	0.22	<1.25	U	2.50	P	09/24/2025	16:26	LB137295
	Arsenic	0.19	<0.5	U	1.00	P	09/24/2025	16:26	LB137295
	Barium	0.73	<2.5	U	5.00	P	09/24/2025	16:26	LB137295
	Beryllium	0.025	<0.15	U	0.30	P	09/24/2025	16:26	LB137295
	Boron	0.80	<2.5	U	5.00	P	09/24/2025	16:26	LB137295
	Cadmium	0.024	<0.15	U	0.30	P	09/24/2025	16:26	LB137295
	Chromium	0.047	<0.25	U	0.50	P	09/24/2025	16:26	LB137295
	Cobalt	0.10	<0.75	U	1.50	P	09/24/2025	16:26	LB137295
	Copper	0.22	<0.5	U	1.00	P	09/24/2025	16:26	LB137295
	Iron	3.99	<2.5	U	5.00	P	09/24/2025	16:26	LB137295
	Lead	0.13	<0.3	U	0.60	P	09/24/2025	16:26	LB137295
	Manganese	0.14	<0.5	U	1.00	P	09/24/2025	16:26	LB137295
	Molybdenum	0.81	<5	U	10.0	P	09/24/2025	16:26	LB137295
	Nickel	0.13	<1	U	2.00	P	09/24/2025	16:26	LB137295
	Selenium	0.26	<0.5	U	1.00	P	09/24/2025	16:26	LB137295
	Silver	0.12	<0.25	U	0.50	P	09/24/2025	16:26	LB137295
	Thallium	0.23	<1	U	2.00	P	09/24/2025	16:26	LB137295
	Vanadium	0.25	<1	U	2.00	P	09/24/2025	16:26	LB137295
	Zinc	0.23	<1	U	2.00	P	09/24/2025	16:26	LB137295

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Kleinfelder</u>	SDG No.: <u>Q3155</u>
Contract: <u>POWE02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

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	247000	255000	97	216000	294000	09/24/2025	12:04	LB137295
	Antimony	-1.57			-50	50	09/24/2025	12:04	LB137295
	Arsenic	7.04			-20	20	09/24/2025	12:04	LB137295
	Barium	1.38	6.0	23	-94	106	09/24/2025	12:04	LB137295
	Beryllium	1.90			-6	6	09/24/2025	12:04	LB137295
	Boron	46.0	1000	5	-100	100	09/24/2025	12:04	LB137295
	Cadmium	1.05	1.0	105	-5	7	09/24/2025	12:04	LB137295
	Chromium	49.2	52.0	95	42	62	09/24/2025	12:04	LB137295
	Cobalt	1.52			-30	30	09/24/2025	12:04	LB137295
	Copper	15.3	2.0	765	-18	22	09/24/2025	12:04	LB137295
	Iron	103000	101000	102	85600	116500	09/24/2025	12:04	LB137295
	Lead	0.29			-12	12	09/24/2025	12:04	LB137295
	Manganese	7.06	7.0	101	-13	27	09/24/2025	12:04	LB137295
	Molybdenum	3.89	1000		-200	200	09/24/2025	12:04	LB137295
	Nickel	4.00	2.0	200	-38	42	09/24/2025	12:04	LB137295
	Selenium	5.58			-20	20	09/24/2025	12:04	LB137295
	Silver	3.73			-10	10	09/24/2025	12:04	LB137295
	Thallium	-0.065			-40	40	09/24/2025	12:04	LB137295
	Vanadium	6.87			-40	40	09/24/2025	12:04	LB137295
	Zinc	5.23			-40	40	09/24/2025	12:04	LB137295
ICSAB01	Aluminum	248000	247000	100	209000	285000	09/24/2025	12:08	LB137295
	Antimony	618	618	100	525	711	09/24/2025	12:08	LB137295
	Arsenic	109	104	105	88.4	120	09/24/2025	12:08	LB137295
	Barium	477	537	89	437	637	09/24/2025	12:08	LB137295
	Beryllium	483	495	98	420	570	09/24/2025	12:08	LB137295
	Boron	950	1000	95	850	1150	09/24/2025	12:08	LB137295
	Cadmium	959	972	99	826	1120	09/24/2025	12:08	LB137295
	Chromium	549	542	101	460	624	09/24/2025	12:08	LB137295
	Cobalt	482	476	101	404	548	09/24/2025	12:08	LB137295
	Copper	484	511	95	434	588	09/24/2025	12:08	LB137295
	Iron	103000	99300	104	84400	114500	09/24/2025	12:08	LB137295
	Lead	46.7	49.0	95	37	61	09/24/2025	12:08	LB137295
	Manganese	477	507	94	430	584	09/24/2025	12:08	LB137295
	Molybdenum	1010	1000	101	850	1150	09/24/2025	12:08	LB137295
	Nickel	961	954	101	810	1100	09/24/2025	12:08	LB137295
	Selenium	55.6	46.0	121	26	66	09/24/2025	12:08	LB137295
	Silver	214	201	106	170	232	09/24/2025	12:08	LB137295
	Thallium	87.8	108	81	68	148	09/24/2025	12:08	LB137295
	Vanadium	479	491	98	417	565	09/24/2025	12:08	LB137295
	Zinc	1040	952	109	809	1095	09/24/2025	12:08	LB137295



METAL QC DATA

A

B

C

D

E

F

G

H

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Kleinfelder</u>	level: <u>low</u>	sdg no.: <u>Q3155</u>
contract: <u>POWE02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3157-01</u>	client id: <u>20-DEAD-1MS</u>
Percent Solids for Sample: 90.9	Spiked ID: Q3157-01MS	Percent Solids for Spike Sample: 90.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8940		7720		91.7	1332		P
Antimony	mg/Kg	75 - 125	15.4		2.39	U	36.7	42	N	P
Arsenic	mg/Kg	75 - 125	33.3		2.77		36.7	83		P
Barium	mg/Kg	75 - 125	54.4		43.5		9.2	119		P
Beryllium	mg/Kg	75 - 125	8.36		0.62		9.2	84		P
Boron	mg/Kg	75 - 125	31.2		11.3		13.8	144	N	P
Cadmium	mg/Kg	75 - 125	9.73		0.42		9.2	101		P
Chromium	mg/Kg	75 - 125	31.8		15.2		18.3	90		P
Cobalt	mg/Kg	75 - 125	20.0		9.74		9.2	111		P
Copper	mg/Kg	75 - 125	44.6		33.5		13.8	81		P
Iron	mg/Kg	75 - 125	17300		17600		140	-192		P
Lead	mg/Kg	75 - 125	63.8		54.1		45.8	21	N	P
Manganese	mg/Kg	75 - 125	358		316		9.2	449		P
Molybdenum	mg/Kg	75 - 125	16.3		9.57	U	18.3	89		P
Nickel	mg/Kg	75 - 125	40.0		15.7		22.9	106		P
Selenium	mg/Kg	75 - 125	75.9		0.96	U	91.7	83		P
Silver	mg/Kg	75 - 125	3.21		0.42	J	3.4	82		P
Thallium	mg/Kg	75 - 125	80.1		1.91	U	91.7	87		P
Vanadium	mg/Kg	75 - 125	45.7		33.2		13.8	91		P
Zinc	mg/Kg	75 - 125	45.3		38.9		9.2	70		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Kleinfelder</u>	level: <u>low</u>	sdg no.: <u>Q3155</u>
contract: <u>POWE02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3157-01</u>	client id: <u>20-DEAD-1MSD</u>
Percent Solids for Sample: 90.9	Spiked ID: Q3157-01MSD	Percent Solids for Spike Sample: 90.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8530		7720		95.7	844		P
Antimony	mg/Kg	75 - 125	15.4		2.39	U	38.3	40	N	P
Arsenic	mg/Kg	75 - 125	33.2		2.77		38.3	80		P
Barium	mg/Kg	75 - 125	55.1		43.5		9.6	121		P
Beryllium	mg/Kg	75 - 125	8.29		0.62		9.6	80		P
Boron	mg/Kg	75 - 125	22.0		11.3		14.3	75		P
Cadmium	mg/Kg	75 - 125	9.45		0.42		9.6	94		P
Chromium	mg/Kg	75 - 125	31.1		15.2		19.1	83		P
Cobalt	mg/Kg	75 - 125	19.6		9.74		9.6	103		P
Copper	mg/Kg	75 - 125	43.3		33.5		14.3	69	N	P
Iron	mg/Kg	75 - 125	17200		17600		140	-261		P
Lead	mg/Kg	75 - 125	60.8		54.1		47.8	14	N	P
Manganese	mg/Kg	75 - 125	404		316		9.6	910		P
Molybdenum	mg/Kg	75 - 125	16.4		9.57	U	19.1	86		P
Nickel	mg/Kg	75 - 125	41.7		15.7		23.9	109		P
Selenium	mg/Kg	75 - 125	75.4		0.96	U	95.7	79		P
Silver	mg/Kg	75 - 125	3.37		0.42	J	3.6	82		P
Thallium	mg/Kg	75 - 125	79.5		1.91	U	95.7	83		P
Vanadium	mg/Kg	75 - 125	42.9		33.2		14.3	68	N	P
Zinc	mg/Kg	75 - 125	44.8		38.9		9.6	62		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Kleinfelder</u>	level: <u>low</u>	sdg no.: <u>Q3155</u>
contract: <u>POWE02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3159-03</u>	client id: <u>VNJ-255MS</u>
Percent Solids for Sample: 91.5	Spiked ID: Q3159-03MS	Percent Solids for Spike Sample: 91.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.30		0.017		0.26	107		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q3155
contract: POWE02 **lab code:** ACE
matrix: Solid **sample id:** Q3159-03 **client id:** VNJ-255MSD

Percent Solids for Sample: 91.5 **Spiked ID:** Q3159-03MSD **Percent Solids for Spike Sample:** 91.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.34		0.017		0.27	121	N	CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Kleinfelder</u>	SDG No.: <u>Q3155</u>	
Contract: <u>POWE02</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>20-DEAD-1A</u>
Sample ID: <u>Q3157-01</u>	Spiked ID: <u>Q3157-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	33.0		2.39	U	38.3	86		P
Boron	mg/Kg	75 - 125	21.1		11.3		14.3	69	N	P
Copper	mg/Kg	75 - 125	44.8		33.5		14.3	79		P
Lead	mg/Kg	75 - 125	95.9		54.1		47.8	87		P
Vanadium	mg/Kg	75 - 125	45.4		33.2		14.3	85		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client:	<u>Kleinfelder</u>	SDG No.:	<u>Q3155</u>
Contract:	<u>POWE02</u>	Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Level:	<u>LOW</u>
Sample ID:	<u>Q3159-03</u>	Client ID:	<u>VNJ-255A</u>
	Spiked ID:	<u>Q3159-03A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.33		0.017		0.27	115		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q3155
Contract: POWE02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3157-01 **Client ID:** 20-DEAD-1DUP
Percent Solids for Sample: 90.9 **Duplicate ID** Q3157-01DUP **Percent Solids for Spike Sample:** 90.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7720		7880		2		P
Antimony	mg/Kg	20	2.39	U	2.62	U			P
Arsenic	mg/Kg	20	2.77		2.64		5		P
Barium	mg/Kg	20	43.5		45.9		5		P
Beryllium	mg/Kg	20	0.62		0.68		8		P
Boron	mg/Kg	20	11.3		9.75		15		P
Cadmium	mg/Kg	20	0.42		0.44		5		P
Chromium	mg/Kg	20	15.2		15.6		3		P
Cobalt	mg/Kg	20	9.74		11.0		12		P
Copper	mg/Kg	20	33.5		34.1		2		P
Iron	mg/Kg	20	17600		17900		2		P
Lead	mg/Kg	20	54.1		18.2		99	*	P
Manganese	mg/Kg	20	316		388		20		P
Molybdenum	mg/Kg	20	9.57	U	10.5	U			P
Nickel	mg/Kg	20	15.7		16.9		7		P
Selenium	mg/Kg	20	0.96	U	1.05	U			P
Silver	mg/Kg	20	0.42	J	0.29	J	36		P
Thallium	mg/Kg	20	1.91	U	2.10	U			P
Vanadium	mg/Kg	20	33.2		33.4		1		P
Zinc	mg/Kg	20	38.9		38.5		1		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q3155
Contract: POWE02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3157-01MS **Client ID:** 20-DEAD-1MSD
Percent Solids for Sample: 90.9 **Duplicate ID** Q3157-01MSD **Percent Solids for Spike Sample:** 90.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	8940		8530		5		P
Antimony	mg/Kg	20	15.4		15.4		0		P
Arsenic	mg/Kg	20	33.3		33.2		0		P
Barium	mg/Kg	20	54.4		55.1		1		P
Beryllium	mg/Kg	20	8.36		8.29		1		P
Boron	mg/Kg	20	31.2		22.0		35	*	P
Cadmium	mg/Kg	20	9.73		9.45		3		P
Chromium	mg/Kg	20	31.8		31.1		2		P
Cobalt	mg/Kg	20	20.0		19.6		2		P
Copper	mg/Kg	20	44.6		43.3		3		P
Iron	mg/Kg	20	17300		17200		1		P
Lead	mg/Kg	20	63.8		60.8		5		P
Manganese	mg/Kg	20	358		404		12		P
Molybdenum	mg/Kg	20	16.3		16.4		1		P
Nickel	mg/Kg	20	40.0		41.7		4		P
Selenium	mg/Kg	20	75.9		75.4		1		P
Silver	mg/Kg	20	3.21		3.37		5		P
Thallium	mg/Kg	20	80.1		79.5		1		P
Vanadium	mg/Kg	20	45.7		42.9		6		P
Zinc	mg/Kg	20	45.3		44.8		1		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: <u>Kleinfelder</u>	Level: <u>LOW</u>	SDG No.: <u>Q3155</u>
Contract: <u>POWE02</u>		Lab Code: <u>ACE</u>
Matrix: <u>Solid</u>	Sample ID: <u>Q3159-03</u>	Client ID: <u>VNJ-255DUP</u>
Percent Solids for Sample: 91.5	Duplicate ID Q3159-03DUP	Percent Solids for Spike Sample: 91.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.017		0.016		6		CV

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Kleinfelder</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3155</u>
Contract:	<u>POWE02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3159-03MS</u>	Client ID:	<u>VNJ-255MSD</u>
Percent Solids for Sample:	91.5	Duplicate ID	Q3159-03MSD	Percent Solids for Spike Sample:	91.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.30		0.34		15		CV

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Kleinfelder</u>	SDG No.:	<u>Q3155</u>
Contract:	<u>POWE02</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169761BS							
Aluminum	mg/Kg	100	101		101	80 - 120	P
Antimony	mg/Kg	40.0	42.1		105	80 - 120	P
Arsenic	mg/Kg	40.0	40.5		101	80 - 120	P
Barium	mg/Kg	10.0	9.35		94	80 - 120	P
Beryllium	mg/Kg	10.0	10.8		108	80 - 120	P
Boron	mg/Kg	15.0	15.3		102	80 - 120	P
Cadmium	mg/Kg	10.0	9.81		98	80 - 120	P
Chromium	mg/Kg	20.0	21.0		105	80 - 120	P
Cobalt	mg/Kg	10.0	9.89		99	80 - 120	P
Copper	mg/Kg	15.0	15.6		104	80 - 120	P
Iron	mg/Kg	150	147		98	80 - 120	P
Lead	mg/Kg	50.0	48.7		97	80 - 120	P
Manganese	mg/Kg	10.0	9.93		99	80 - 120	P
Molybdenum	mg/Kg	20.0	21.6		108	80 - 120	P
Nickel	mg/Kg	25.0	24.9		100	80 - 120	P
Selenium	mg/Kg	100	104		104	80 - 120	P
Silver	mg/Kg	3.8	3.93		103	80 - 120	P
Thallium	mg/Kg	100	94.1		94	80 - 120	P
Vanadium	mg/Kg	15.0	15.3		102	80 - 120	P
Zinc	mg/Kg	10.0	10.2		102	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder
Contract: POWE02

SDG No.: Q3155
Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169787BS Mercury	mg/Kg	0.26	0.29		113	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

20-DEAD-1L

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **Lb No.:** lb137295 **Lab Sample ID :** Q3157-01L **SDG No.:** Q3155
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Aluminum	7720		10000		30		P
Antimony	2.39	U	12.0	U			P
Arsenic	2.77		3.04	J	10		P
Barium	43.5		54.5		25		P
Beryllium	0.62		0.85	J	37		P
Boron	11.3		8.88	J	21		P
Cadmium	0.42		1.43	U	100.0		P
Chromium	15.2		19.7		30		P
Cobalt	9.74		10.6		9		P
Copper	33.5		44.8		34		P
Iron	17600		21900		25		P
Lead	54.1		60.1		11		P
Manganese	316		419		33		P
Molybdenum	9.57	U	47.8	U			P
Nickel	15.7		17.5		12		P
Selenium	0.96	U	4.78	U			P
Silver	0.42	J	2.39	U	100.0		P
Thallium	1.91	U	9.57	U			P
Vanadium	33.2		43.9		32		P
Zinc	38.9		48.8		25		P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

VNJ-255L

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **Lb No.:** lb137272 **Lab Sample ID :** Q3159-03L **SDG No.:** Q3155
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.017	0.067 U	100.0		CV



METAL PREPARATION & INSTRUMENT DATA

A

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C

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Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

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.:** Q3155
Contract: POWE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169761							
PB169761BL	PB169761BL	MB	SOLID	09/22/2025	2.00	100.0	100.00
PB169761BS	PB169761BS	LCS	SOLID	09/22/2025	2.00	100.0	100.00
Q3155-01	COMP-1	SAM	SOLID	09/22/2025	2.22	100.0	87.80
Q3155-02	COMP-2	SAM	SOLID	09/22/2025	2.26	100.0	91.10
Q3155-03	COMP-3	SAM	SOLID	09/22/2025	2.22	100.0	91.80
Q3157-01DUP	20-DEAD-1DUP	DUP	SOLID	09/22/2025	2.10	100.0	90.90
Q3157-01MS	20-DEAD-1MS	MS	SOLID	09/22/2025	2.40	100.0	90.90
Q3157-01MSD	20-DEAD-1MSD	MSD	SOLID	09/22/2025	2.30	100.0	90.90

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SAMPLE PREPARATION SUMMARY

Client: Kleinfelder **SDG No.:** Q3155
Contract: POWE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169787							
PB169787BL	PB169787BL	MB	SOLID	09/22/2025	0.56	35.0	100.00
PB169787BS	PB169787BS	LCS	SOLID	09/22/2025	0.53	35.0	100.00
Q3155-01	COMP-1	SAM	SOLID	09/22/2025	0.54	35.0	87.80
Q3155-02	COMP-2	SAM	SOLID	09/22/2025	0.54	35.0	91.10
Q3155-03	COMP-3	SAM	SOLID	09/22/2025	0.57	35.0	91.80
Q3159-03DUP	VNJ-255DUP	DUP	SOLID	09/22/2025	0.58	35.0	91.50
Q3159-03MS	VNJ-255MS	MS	SOLID	09/22/2025	0.60	35.0	91.50
Q3159-03MSD	VNJ-255MSD	MSD	SOLID	09/22/2025	0.57	35.0	91.50

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ANALYSIS RUN LOG

Client: Kleinfelder

Contract: POWE02

Lab code: ACE

Sdg no.: Q3155

Instrument id number: _____

Method: _____

Run number: LB137272

Start date: 09/23/2025

End date: 09/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0840	HG
S0.2	S0.2	1	0842	HG
S2.5	S2.5	1	0844	HG
S5	S5	1	0846	HG
S7.5	S7.5	1	0852	HG
S10	S10	1	0858	HG
ICV40	ICV40	1	0904	HG
ICB40	ICB40	1	0906	HG
CCV20	CCV20	1	0909	HG
CCB20	CCB20	1	0911	HG
CRA	CRA	1	0916	HG
PB169787BL	PB169787BL	1	0923	HG
PB169787BS	PB169787BS	1	0926	HG
CCV21	CCV21	1	0940	HG
CCB21	CCB21	1	0943	HG
Q3155-01	COMP-1	1	0945	HG
Q3155-02	COMP-2	1	0948	HG
Q3155-03	COMP-3	1	0950	HG
Q3159-03DUP	VNJ-255DUP	1	1005	HG
Q3159-03MS	VNJ-255MS	1	1007	HG
Q3159-03MSD	VNJ-255MSD	1	1009	HG
CCV22	CCV22	1	1012	HG
CCB22	CCB22	1	1014	HG
Q3159-03L	VNJ-255L	5	1017	HG
Q3159-03A	VNJ-255A	1	1019	HG
CCV23	CCV23	1	1022	HG
CCB23	CCB23	1	1024	HG

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ANALYSIS RUN LOG

Client: Kleinfelder

Contract: POWE02

Lab code: ACE

Sdg no.: Q3155

Instrument id number: _____

Method: _____

Run number: LB137295

Start date: 09/24/2025

End date: 09/24/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1054	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1058	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1103	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1107	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1110	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1115	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1134	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1144	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1156	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1200	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1204	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1208	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1221	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1226	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1340	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1344	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1442	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1446	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3155-01	COMP-1	1	1537	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1541	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1546	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3155-02	COMP-2	1	1550	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3155-03	COMP-3	1	1554	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3157-01DUP	20-DEAD-1DUP	1	1602	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3157-01L	20-DEAD-1L	5	1606	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3157-01MS	20-DEAD-1MS	1	1610	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3157-01MSD	20-DEAD-1MSD	1	1614	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3157-01A	20-DEAD-1A	1	1618	B,Cu,Pb,Sb,V
PB169761BS	PB169761BS	1	1622	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
PB169761BL	PB169761BL	1	1626	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1631	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1635	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1733	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1737	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1837	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1842	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1903	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1907	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-01	COMP-1	SOIL			09/18/25 09:55			09/19/25
			Ammonia	SM4500-NH3		09/19/25	09/22/25 12:32	
			Anions Group1	9056A			09/22/25 10:31	
			Hexavalent Chromium	7196A		09/23/25	09/23/25 13:14	
			Trivalent Chromium	6010D			09/24/25 15:37	
Q3155-02	COMP-2	SOIL			09/18/25 10:40			09/19/25
			Ammonia	SM4500-NH3		09/19/25	09/22/25 12:42	
			Anions Group1	9056A			09/22/25 11:36	
			Hexavalent Chromium	7196A		09/23/25	09/23/25 13:14	
			Trivalent Chromium	6010D			09/24/25 15:50	
Q3155-03	COMP-3	SOIL			09/18/25 11:30			09/19/25
			Ammonia	SM4500-NH3		09/19/25	09/22/25 12:42	
			Anions Group1	9056A			09/22/25 11:57	
			Hexavalent Chromium	7196A		09/23/25	09/23/25 13:15	
			Trivalent Chromium	6010D			09/24/25 15:54	



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25 09:55
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
		% Solid:	87.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.40	U	1	2.40	5.50	mg/Kg	09/19/25 15:45	09/22/25 12:32	SM 4500-NH3 B plus G-21
Chloride	16.6		1	3.90	13.6	mg/Kg		09/22/25 10:31	9056A
Fluoride	3.70	J	1	2.00	9.10	mg/Kg		09/22/25 10:31	9056A
Sulfate	31.3	J	1	9.90	68.1	mg/Kg		09/22/25 10:31	9056A
Hexavalent Chromium	0.078	U	1	0.078	0.45	mg/Kg	09/23/25 08:45	09/23/25 13:14	7196A
Trivalent Chromium	24.9		1	0.57	0.57	mg/Kg		09/24/25 15:37	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25 10:40
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
		% Solid:	91.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.40	U	1	2.40	5.40	mg/Kg	09/19/25 15:45	09/22/25 12:42	SM 4500-NH3 B plus G-21
Chloride	4.30	J	1	3.80	13.1	mg/Kg		09/22/25 11:36	9056A
Fluoride	3.20	J	1	1.90	8.70	mg/Kg		09/22/25 11:36	9056A
Sulfate	20.9	J	1	9.60	65.3	mg/Kg		09/22/25 11:36	9056A
Hexavalent Chromium	0.076	U	1	0.076	0.43	mg/Kg	09/23/25 08:45	09/23/25 13:14	7196A
Trivalent Chromium	17.7		1	0.55	0.55	mg/Kg		09/24/25 15:50	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25 11:30
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
		% Solid:	91.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.30	U	1	2.30	5.30	mg/Kg	09/19/25 15:45	09/22/25 12:42	SM 4500-NH3 B plus G-21
Chloride	4.30	J	1	3.80	13.0	mg/Kg		09/22/25 11:57	9056A
Fluoride	2.90	J	1	1.90	8.70	mg/Kg		09/22/25 11:57	9056A
Sulfate	17.9	J	1	9.50	65.1	mg/Kg		09/22/25 11:57	9056A
Hexavalent Chromium	0.076	U	1	0.076	0.43	mg/Kg	09/23/25 08:45	09/23/25 13:15	7196A
Trivalent Chromium	18.3		1	0.55	0.55	mg/Kg		09/24/25 15:54	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

Initial and Continuing Calibration Verification

Client: Kleinfelder

SDG No.: Q3155

Project: Tanner G. Duckrey Public School

RunNo.: LB137254

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10	10	100	90-110	09/09/2025
Chloride	mg/L	3	3	100	90-110	09/09/2025
Fluoride	mg/L	2	2	100	90-110	09/09/2025
Nitrite	mg/L	3	3	100	90-110	09/09/2025
Nitrate	mg/L	2.5	2.5	100	90-110	09/09/2025
Sulfate	mg/L	14.8	15	99	90-110	09/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/09/2025
Sample ID: CCV1						
Bromide	mg/L	9.9	10	99	90-110	09/22/2025
Chloride	mg/L	2.9	3	97	90-110	09/22/2025
Fluoride	mg/L	2	2	100	90-110	09/22/2025
Nitrite	mg/L	2.9	3	97	90-110	09/22/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/22/2025
Sulfate	mg/L	14.6	15	97	90-110	09/22/2025
Orthophosphate as P	mg/L	4.9	5	98	90-110	09/22/2025
Sample ID: CCV2						
Bromide	mg/L	9.9	10	99	90-110	09/22/2025
Chloride	mg/L	2.9	3	97	90-110	09/22/2025
Fluoride	mg/L	2	2	100	90-110	09/22/2025
Nitrite	mg/L	2.9	3	97	90-110	09/22/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/22/2025
Sulfate	mg/L	14.6	15	97	90-110	09/22/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/22/2025

Initial and Continuing Calibration Verification

Client: Kleinfelder

SDG No.: Q3155

Project: Tanner G. Duckrey Public School

RunNo.: LB137261

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	0.99	1	99	90-110	09/22/2025
Sample ID: CCV1 Ammonia as N	mg/L	1	1	100	90-110	09/22/2025
Sample ID: CCV2 Ammonia as N	mg/L	1	1	100	90-110	09/22/2025
Sample ID: CCV3 Ammonia as N	mg/L	1	1	100	90-110	09/22/2025

Initial and Continuing Calibration Verification

Client: Kleinfelder

SDG No.: Q3155

Project: Tanner G. Duckrey Public School

RunNo.: LB137276

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.496	0.5	99	90-110	09/23/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	09/23/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.492	0.5	98	90-110	09/23/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	09/23/2025

Initial and Continuing Calibration Blank Summary

Client: Kleinfelder

SDG No.: Q3155

Project: Tanner G. Duckrey Public School

RunNo.: LB137254

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	09/09/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/09/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/09/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/09/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/09/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/09/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/09/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/22/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/22/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/22/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/22/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/22/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/22/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/22/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/22/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/22/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/22/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/22/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/22/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/22/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/22/2025

Initial and Continuing Calibration Blank Summary

Client: Kleinfelder

SDG No.: Q3155

Project: Tanner G. Duckrey Public School

RunNo.: LB137261

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	09/22/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	09/22/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	09/22/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	09/22/2025

Initial and Continuing Calibration Blank Summary

Client: Kleinfelder

SDG No.: Q3155

Project: Tanner G. Duckrey Public School

RunNo.: LB137276

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	09/23/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	09/23/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	09/23/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	09/23/2025

Preparation Blank Summary

Client: Kleinfelder

SDG No.: Q3155

Project: Tanner G. Duckrey Public School

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137254BLS							
Bromide	mg/Kg	< 20.0000	20.0000	U	7	40	09/22/2025
Chloride	mg/Kg	< 6.0000	6.0000	U	3.5	12	09/22/2025
Fluoride	mg/Kg	< 4.0000	4.0000	U	1.8	8	09/22/2025
Nitrite	mg/Kg	< 6.0000	6.0000	U	1.5	12	09/22/2025
Nitrate	mg/Kg	< 5.0000	5.0000	U	1.8	10	09/22/2025
Sulfate	mg/Kg	< 30.0000	30.0000	U	8.8	60	09/22/2025
Orthophosphate as P	mg/Kg	< 10.0000	10.0000	U	6.7	20	09/22/2025
Sample ID: PB169778BL							
Ammonia as N	mg/Kg	< 2.5000	2.5000	U	2.2	5	09/22/2025
Sample ID: PB169786BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	09/23/2025

Matrix Spike Summary

Client:

Kleinfelder

SDG No.:

Q3155

Project:

Tanner G. Duckrey Public School

Sample ID:

Q3133-07

Client ID:

VNJ-210MS

Percent Solids for Spike Sample:

92.4

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	1350		0.075	U	1390	40	97		09/23/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3155
Project:	Tanner G. Duckrey Public School	Sample ID:	Q3133-07
Client ID:	VNJ-210MS	Percent Solids for Spike Sample:	92.4

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	41.3		0.075	U	43.3	2	95		09/23/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3155
Project:	Tanner G. Duckrey Public School	Sample ID:	Q3133-07
Client ID:	VNJ-210MS	Percent Solids for Spike Sample:	92.4

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	35.8		0.075	U	43.3	2	83		09/23/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3155
Project:	Tanner G. Duckrey Public School	Sample ID:	Q3155-01
Client ID:	COMP-1MS	Percent Solids for Spike Sample:	87.8

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	58.5		2.40	U	55.8	1	105		09/22/2025
Bromide	mg/Kg	80-120	223		8.00	U	230	1	97		09/22/2025
Chloride	mg/Kg	80-120	86.8		16.6		67.7	1	104		09/22/2025
Fluoride	mg/Kg	80-120	44.0		3.70	J	45.1	1	89		09/22/2025
Nitrite	mg/Kg	80-120	66.1		1.70	U	67.7	1	98		09/22/2025
Nitrate	mg/Kg	80-120	57.3		4.30	J	56.4	1	94		09/22/2025
Sulfate	mg/Kg	80-120	353		31.3	J	340	1	95		09/22/2025
Orthophosphate as P	mg/Kg	80-120	104		7.60	U	110	1	94		09/22/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3155
Project:	Tanner G. Duckrey Public School	Sample ID:	Q3155-01
Client ID:	COMP-1MSD	Percent Solids for Spike Sample:	87.8

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	57.6		2.40	U	56.4	1	102		09/22/2025
Bromide	mg/Kg	80-120	224		8.00	U	230	1	97		09/22/2025
Chloride	mg/Kg	80-120	86.9		16.6		68.1	1	103		09/22/2025
Fluoride	mg/Kg	80-120	44.9		3.70	J	45.4	1	91		09/22/2025
Nitrite	mg/Kg	80-120	66.4		1.70	U	68.1	1	98		09/22/2025
Nitrate	mg/Kg	80-120	57.6		4.30	J	56.7	1	94		09/22/2025
Sulfate	mg/Kg	80-120	354		31.3	J	340	1	95		09/22/2025
Orthophosphate as P	mg/Kg	80-120	109		7.60	U	110	1	99		09/22/2025

Duplicate Sample Summary

Client:	Kleinfelder	SDG No.:	Q3155
Project:	Tanner G. Duckrey Public School	Sample ID:	Q3133-07
Client ID:	VNJ-210DUP	Percent Solids for Spike Sample:	92.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.075	U	0.075	U	1	0		09/23/2025

Duplicate Sample Summary

Client:	Kleinfelder	SDG No.:	Q3155
Project:	Tanner G. Duckrey Public School	Sample ID:	Q3155-01
Client ID:	COMP-1DUP	Percent Solids for Spike Sample:	87.8

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Ammonia as N	mg/Kg	+/-20	2.40	U	2.40	U	1	0		09/22/2025

Duplicate Sample Summary

Client:	Kleinfelder	SDG No.:	Q3155
Project:	Tanner G. Duckrey Public School	Sample ID:	Q3155-01
Client ID:	COMP-1MSD	Percent Solids for Spike Sample:	87.8

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Bromide	mg/Kg	+/-15	223		224		1	0		09/22/2025
Chloride	mg/Kg	+/-15	86.8		86.9		1	0		09/22/2025
Nitrite	mg/Kg	+/-15	66.1		66.4		1	0		09/22/2025
Sulfate	mg/Kg	+/-15	353		354		1	0		09/22/2025
Nitrate	mg/Kg	+/-15	57.3		57.6		1	1		09/22/2025
Fluoride	mg/Kg	+/-15	44.0		44.9		1	2		09/22/2025
Orthophosphate as P	mg/Kg	+/-15	104		109		1	5		09/22/2025
Ammonia as N	mg/Kg	+/-20	58.5		57.6		1	2		09/22/2025

Laboratory Control Sample Summary

Client:	Kleinfelder	SDG No.:	Q3155
Project:	Tanner G. Duckrey Public School	Run No.:	LB137254

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137254BSS							
Bromide	mg/Kg	200	196		98	1	90-110	09/22/2025
Chloride	mg/Kg	60	57.8		96	1	90-110	09/22/2025
Fluoride	mg/Kg	40	39.2		98	1	90-110	09/22/2025
Nitrite	mg/Kg	60	58.4		97	1	90-110	09/22/2025
Nitrate	mg/Kg	50	47.6		95	1	90-110	09/22/2025
Sulfate	mg/Kg	300	290		97	1	90-110	09/22/2025
Orthophosphate as P	mg/Kg	100	99.2		99	1	90-110	09/22/2025

Laboratory Control Sample Summary

Client:	Kleinfelder	SDG No.:	Q3155
Project:	Tanner G. Duckrey Public School	Run No.:	LB137261

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169778BS							
Ammonia as N	mg/Kg	50	48.6		97	1	90-110	09/22/2025

Laboratory Control Sample Summary

Client:	Kleinfelder	SDG No.:	Q3155
Project:	Tanner G. Duckrey Public School	Run No.:	LB137276

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169786BS							
Hexavalent Chromium	mg/Kg	20	19.8		99	1	84-110	09/23/2025



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING 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:

PROJECT NAME: **Tanner Duckrey School**
PROJECT NO.: **2002048.001A** LOCATION: **Philadelphia**
PROJECT MANAGER: **Mark Warchol**
e-mail: **mwarchol@kleinfelder.com**
PHONE: **484-883-3892** FAX:

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

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE 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

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

1 2 3 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	COMP-1	Soil	✓		9/19/25	9:55	6	✓										
2.	COMP-2	↓	↓		↓	10:40	↓	↓										
3.	COMP-3	↓	↓		↓	11:30	↓	↓										
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. [Signature]	DATE/TIME: 9/18/25	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.6 °C
RELINQUISHED BY SAMPLER: 2. FedEx	DATE/TIME: 9-19-25 1155	RECEIVED BY: 2. [Signature]	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page 1 of 1 CLIENT: ☐ Hand Delivered ☒ Other FedEx Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

YG 09/29/2025

Order ID : Q3155	POWE02	Order Date : 9/19/2025 1:05:00 PM	Project Mgr : Yazmeen
Client Name : Kleinfelder		Project Name : Tanner G. Duckrey Public S	Report Type : Results+QC
Client Contact : Mark Warchol		Receive DateTime : 9/19/2025 12:00:00 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Kleinfelder		Purchase Order : 11:15 AM	Hard Copy Date :
Invoice Contact : Mark Warchol			Date Signoff : 9/19/2025 1:30:45 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3155-01	COMP-1	Solid	09/19/2025 09/18/2025	09:55					
					VOCMS Group1		8260D		5 Bus. Days
Q3155-02	COMP-2	Solid	09/19/2025 09/18/2025	10:40					
					VOCMS Group1		8260D		5 Bus. Days
Q3155-03	COMP-3	Solid	09/19/2025 09/18/2025	11:30					
					VOCMS Group1		8260D		5 Bus. Days
Q3155-04	TB	Water	09/19/2025 09/18/2025	00:00					
					VOC-TCLVOA-10		8260D		5 Bus. Days

Relinquished By : cl

Date / Time : 9/19/25 1336

Received By : Sami

Date / Time : 09/19/25

Storage Area : VOA Refridgerator Room

13:20
Rgt # 6
P22
Rgt 4