

LAB CHRONICLE

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

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



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

Hit Summary Sheet
SW-846

SDG No.: Q1859

Order ID: Q1859

Client: Kleinfelder

Project ID: Lincoln High School

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

Total Concentration: 0.000

A
B
C
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G



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-1	SDG No.:	Q1859
Lab Sample ID:	Q1859-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.6
Sample Wt/Vol:	30.07	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
PO110660.D	1	04/23/25 08:35	04/23/25 19:20	PB167708

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-2	SDG No.:	Q1859
Lab Sample ID:	Q1859-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.2
Sample Wt/Vol:	30.02	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
PO110663.D	1	04/23/25 08:35	04/23/25 20:14	PB167708

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-3	SDG No.:	Q1859
Lab Sample ID:	Q1859-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	85.6
Sample Wt/Vol:	30.06	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
PO110664.D	1	04/23/25 08:35	04/23/25 20:32	PB167708

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **Q1859**

Client: **Kleinfelder**

Analytical Method: **8082A**

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

Surrogate Summary

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8082A

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8082A

DataFile : PO110661.D

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8082A

DataFile : PO110662.D

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



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1859

Client: Kleinfelder

Analytical Method: 8082A Datafile : PO110645.D

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

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167708BL

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM Case No.: Q1859

SAS No.: Q1859 SDG NO.: Q1859

Lab Sample ID: PB167708BL

Lab File ID: PO110644.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 04/23/2025

Date Analyzed (1): 04/23/2025

Date Analyzed (2): 04/23/2025

Time Analyzed (1): 12:31

Time Analyzed (2): 12:31

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

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

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

COMMENTS: _____



CALIBRATION SUMMARY

A
B
C
D
E
F
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Calibration Times: 09:36 17:52

LAB FILE ID: RT 1000 = PO110349.D RT 750 = PO110350.D
RT 500 = PO110351.D RT 250 = PO110352.D RT 050 = PO110353.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

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

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

Calibration Times: 09:36 17:52

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

LAB FILE ID:	RT 1000 = <u>PO110349.D</u>	RT 750 = <u>PO110350.D</u>
RT 500 = <u>PO110351.D</u>	RT 250 = <u>PO110352.D</u>	RT 050 = <u>PO110353.D</u>

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

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

Instrument ID: ECD_O

Calibration Date(s): 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

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

LAB FILE ID:		CF 1000 = <u>PO110349.D</u>		CF 750 = <u>PO110350.D</u>			
CF 500 = <u>PO110351.D</u>		CF 250 = <u>PO110352.D</u>		CF 050 = <u>PO110353.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	301539199	312147691	325366094	341425388	360239300	328143534 7
Aroclor-1016-2	(2)	424202495	441346851	452587054	472466840	484138100	454948268 5
Aroclor-1016-3	(3)	286857785	300177247	315792572	336640016	373170260	322527576 10
Aroclor-1016-4	(4)	227624644	238137328	247842320	261218376	270999820	249164498 7
Aroclor-1016-5	(5)	238190199	250655776	262830422	281583724	311798080	269011640 11
Aroclor-1260-1	(1)	429982139	447081743	462005040	490865312	532292280	472445303 9
Aroclor-1260-2	(2)	524274151	548276752	560001580	596374412	703195060	586424391 12
Aroclor-1260-3	(3)	446012749	466468717	482076654	511871688	557932460	492872454 9
Aroclor-1260-4	(4)	382143422	400404183	417623168	445374396	476569960	424423026 9
Aroclor-1260-5	(5)	1002895230	1031868237	1046125762	1065122080	1071346720	1043471606 3
Decachlorobiphenyl		7251274760	7526590267	7768647820	8211713920	8716546400	7894954633 7
Tetrachloro-m-xylene		8603197440	8796106920	8951138380	8737007280	8657843200	8749058644 2
Decachlorobiphenyl		7236681930	7570895773	7844756000	8188613360	8340739400	7836337293 6
Tetrachloro-m-xylene		8271521710	8776052907	8899890520	8994445160	8028934800	8594169019 5
Decachlorobiphenyl		7423367890	7666646707	8031765140	8382357480	8221484000	7945124243 5
Tetrachloro-m-xylene		8572177400	8675092440	8959183240	8875828960	7878695600	8592195528 5
Aroclor-1254-1	(1)	517202507	536393799	555537214	581626948	599185020	557989098 6
Aroclor-1254-2	(2)	450798901	468206104	477861830	506770124	524875880	485702568 6
Aroclor-1254-3	(3)	746169545	769125461	779743060	811121676	809948840	783221716 4
Aroclor-1254-4	(4)	460149954	473941677	490156778	505394424	508383480	487605263 4
Aroclor-1254-5	(5)	657635451	678198725	698380664	724566284	745718260	700899877 5
Decachlorobiphenyl		7612990370	7886723680	8142983840	8479059160	8719027400	8168156890 5
Tetrachloro-m-xylene		8665092200	8825966600	8709112240	8974669960	8357494600	8706467120 3
Decachlorobiphenyl		14008782040	14232407573	14386243640	14978905640	14264840400	14374235859 3
Tetrachloro-m-xylene		8842756020	8685831240	8461342580	8927106240	7893566400	8562120496 5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

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

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025
Calibration Times: 09:36 17:52

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

LAB FILE ID:		CF 1000 =	PO110349.D	CF 750 =	PO110350.D			
CF 500 =		PO110351.D	CF 250 =	PO110352.D	CF 050 =	PO110353.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	159213491	166153001	173161426	184455932	194563640	175509498	8
Aroclor-1016-2	(2)	235577328	244073360	249915638	259769828	267988640	251464959	5
Aroclor-1016-3	(3)	123754519	129314112	134837594	142342816	148305560	135710920	7
Aroclor-1016-4	(4)	100154968	106815488	112688448	121621132	130559280	114367863	11
Aroclor-1016-5	(5)	131736277	138471012	145266388	155239544	174656140	149073872	11
Aroclor-1260-1	(1)	221282381	231306280	240804372	256804492	279620260	245963557	9
Aroclor-1260-2	(2)	260045501	271771868	281572488	298549944	346814040	291750768	12
Aroclor-1260-3	(3)	243412958	253822376	261595986	277903536	317685740	270884119	11
Aroclor-1260-4	(4)	177247956	186943988	195746612	210913364	232348220	200640028	11
Aroclor-1260-5	(5)	430279301	445092429	452357666	469475868	497083160	458857685	6
Decachlorobiphenyl		1704536950	1791384040	1872045360	2025627840	2231357400	1924990318	11
Tetrachloro-m-xylene		4868987290	4975470093	5049711440	5093085920	4961663200	4989783589	2
Decachlorobiphenyl		1618576700	1765984867	1877839140	2017748840	2043806200	1864791149	10
Tetrachloro-m-xylene		4668026020	4940087107	5018557540	5112714200	4785540800	4904985133	4
Decachlorobiphenyl		1708281780	1752376693	1900332500	2015603280	2024700800	1880259011	8
Tetrachloro-m-xylene		4827908270	4873975707	5038663740	4997540000	4437882400	4835194023	5
Aroclor-1254-1	(1)	275528987	285381728	296386294	310788612	339409960	301499116	8
Aroclor-1254-2	(2)	239912515	249193828	258146844	274680708	301492780	264685335	9
Aroclor-1254-3	(3)	379979735	392440955	403528434	417422392	423708940	403416091	4
Aroclor-1254-4	(4)	215870098	222432417	229245508	238627400	242389020	229712889	5
Aroclor-1254-5	(5)	307722172	319481015	330728230	346867608	356659680	332291741	6
Decachlorobiphenyl		1672742580	1794748347	1901326780	2085791440	2132484800	1917418789	10
Tetrachloro-m-xylene		4865625930	4959437227	4872791400	5058078960	4761547200	4903496143	2
Decachlorobiphenyl		3018392240	3167067147	3278510040	3500677320	3503309000	3293591149	6
Tetrachloro-m-xylene		4973805090	4889835600	4772598500	5033958160	4487276800	4831494830	4

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: POWE02

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

Instrument ID: _____ Date(s) Analyzed: _____

GC Column: _____ ID: _____ (mm)

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

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

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

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

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

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

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

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

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

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

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

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

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

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

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

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

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

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

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

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

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

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

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

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

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

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

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

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

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

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

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

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

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

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

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

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

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

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

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

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

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

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

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

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

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

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

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

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

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

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

Analytical Sequence

Client: Kleinfelder	SDG No.: Q1859	
Project: Lincoln High School	Instrument ID: ECD_O	
GC Column: ZB-MR1	ID: 0.32 (mm)	Inst. Calib. Date(s): 04/10/2025 04/10/2025

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

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

Analytical Sequence

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Analytical Sequence

Client: Kleinfelder	SDG No.: Q1859	
Project: Lincoln High School	Instrument ID: ECD_O	
GC Column: ZB-MR2	ID: 0.32 (mm)	Inst. Calib. Date(s): 04/10/2025 04/10/2025

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

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

Analytical Sequence

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QC SAMPLE DATA

Report of Analysis

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

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

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

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

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

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

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

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

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

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

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

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-1MS	SDG No.:	Q1859
Lab Sample ID:	Q1859-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.6
Sample Wt/Vol:	30.03	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
PO110661.D	1	04/23/25 08:35	04/23/25 19:38	PB167708

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/18/25
Project:	Lincoln High School	Date Received:	04/22/25
Client Sample ID:	COMP-1MSD	SDG No.:	Q1859
Lab Sample ID:	Q1859-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.6
Sample Wt/Vol:	30.06	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
PO110662.D	1	04/23/25 08:35	04/23/25 19:57	PB167708

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit