

LAB CHRONICLE

OrderID:	P4852	OrderDate:	11/14/2024 11:23:00 AM
Client:	Kleinfelder	Project:	Webster School
Contact:	Mark Warchol	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4852-01	COMP-1	SOIL			11/13/24			11/14/24
			PCB Group1	8082A		11/15/24	11/18/24	
			PESTICIDE Group1	8081B		11/15/24	11/15/24	
P4852-02	COMP-2	SOIL			11/13/24			11/14/24
			PCB Group1	8082A		11/15/24	11/19/24	
			PESTICIDE Group1	8081B		11/15/24	11/15/24	
P4852-03	COMP-3	SOIL			11/13/24			11/14/24
			PCB Group1	8082A		11/15/24	11/18/24	
			PESTICIDE Group1	8081B		11/15/24	11/15/24	



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

Hit Summary Sheet
SW-846

SDG No.: P4852

Order ID: P4852

Client: Kleinfelder

Project ID: Webster 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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E
F
G



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	11/13/24
Project:	Webster School	Date Received:	11/14/24
Client Sample ID:	COMP-1	SDG No.:	P4852
Lab Sample ID:	P4852-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.2
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
PP068548.D	1	11/15/24 08:50	11/18/24 14:43	PB164991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.10	U	4.10	20.4	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	20.4	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.3		32 - 175	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

Report of Analysis

Client:	Kleinfelder	Date Collected:	11/13/24
Project:	Webster School	Date Received:	11/14/24
Client Sample ID:	COMP-2	SDG No.:	P4852
Lab Sample ID:	P4852-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	81.4
Sample Wt/Vol:	30.05	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
PP068607.D	1	11/15/24 08:50	11/19/24 13:11	PB164991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	20.8	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	20.8	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	20.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.0		32 - 175	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:	11/13/24
Project:	Webster School	Date Received:	11/14/24
Client Sample ID:	COMP-3	SDG No.:	P4852
Lab Sample ID:	P4852-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.4
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
PP068550.D	1	11/15/24 08:50	11/18/24 15:16	PB164991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.80	U	3.80	19.2	ug/kg
11097-69-1	Aroclor-1254	3.10	U	3.10	19.2	ug/kg
11096-82-5	Aroclor-1260	3.30	U	3.30	19.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.9		32 - 144	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		32 - 175	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



QC SUMMARY

Surrogate Summary

SDG No.: **P4852**

Client: **Kleinfelder**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP068360.D	PIBLK-PP068360.D	Tetrachloro-m-xylene	1	20	21.0	105		60	140
		Decachlorobiphenyl	1	20	23.4	117		60	140
		Tetrachloro-m-xylene	2	20	21.6	108		60	140
		Decachlorobiphenyl	2	20	23.6	118		60	140
I.BLK-PP068531.D	PIBLK-PP068531.D	Tetrachloro-m-xylene	1	20	20.4	102		60	140
		Decachlorobiphenyl	1	20	21.6	108		60	140
		Tetrachloro-m-xylene	2	20	21.1	106		60	140
		Decachlorobiphenyl	2	20	21.9	110		60	140
P4859-01MS	NB-08-111424MS	Tetrachloro-m-xylene	1	20	18.3	91		32	144
		Decachlorobiphenyl	1	20	18.8	94		32	175
		Tetrachloro-m-xylene	2	20	17.3	86		32	144
		Decachlorobiphenyl	2	20	18.1	91		32	175
P4859-01MSD	NB-08-111424MSD	Tetrachloro-m-xylene	1	20	17.9	90		32	144
		Decachlorobiphenyl	1	20	19.2	96		32	175
		Tetrachloro-m-xylene	2	20	17.4	87		32	144
		Decachlorobiphenyl	2	20	17.8	89		32	175
PB164991BL	PB164991BL	Tetrachloro-m-xylene	1	20	17.9	90		32	144
		Decachlorobiphenyl	1	20	18.4	92		32	175
		Tetrachloro-m-xylene	2	20	18.6	93		32	144
		Decachlorobiphenyl	2	20	17.4	87		32	175
PB164991BS	PB164991BS	Tetrachloro-m-xylene	1	20	19.4	97		32	144
		Decachlorobiphenyl	1	20	19.3	97		32	175
		Tetrachloro-m-xylene	2	20	19.9	100		32	144
		Decachlorobiphenyl	2	20	19.4	97		32	175
I.BLK-PP068543.D	PIBLK-PP068543.D	Tetrachloro-m-xylene	1	20	21.1	105		60	140
		Decachlorobiphenyl	1	20	21.7	109		60	140
		Tetrachloro-m-xylene	2	20	21.6	108		60	140
		Decachlorobiphenyl	2	20	21.6	108		60	140
P4852-01	COMP-1	Tetrachloro-m-xylene	1	20	18.4	92		32	144
		Decachlorobiphenyl	1	20	15.3	77		32	175
		Tetrachloro-m-xylene	2	20	19.3	96		32	144
		Decachlorobiphenyl	2	20	14.3	71		32	175
P4852-03	COMP-3	Tetrachloro-m-xylene	1	20	20.1	101		32	144
		Decachlorobiphenyl	1	20	16.0	80		32	175
		Tetrachloro-m-xylene	2	20	20.9	105		32	144
		Decachlorobiphenyl	2	20	16.3	81		32	175
I.BLK-PP068558.D	PIBLK-PP068558.D	Tetrachloro-m-xylene	1	20	20.9	104		60	140
		Decachlorobiphenyl	1	20	21.4	107		60	140
		Tetrachloro-m-xylene	2	20	21.6	108		60	140
		Decachlorobiphenyl	2	20	22.0	110		60	140
I.BLK-PP068606.D	PIBLK-PP068606.D	Tetrachloro-m-xylene	1	20	21.5	107		60	140

Surrogate Summary

SDG No.: P4852

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP068606.D	PIBLK-PP068606.D	Decachlorobiphenyl	1	20	22.1	111		60	140
		Tetrachloro-m-xylene	2	20	22.0	110		60	140
		Decachlorobiphenyl	2	20	22.2	111		60	140
P4852-02	COMP-2	Tetrachloro-m-xylene	1	20	18.5	92		32	144
		Decachlorobiphenyl	1	20	15.5	77		32	175
		Tetrachloro-m-xylene	2	20	19.6	98		32	144
		Decachlorobiphenyl	2	20	16.0	80		32	175
		Tetrachloro-m-xylene	1	20	20.9	105		60	140
I.BLK-PP068615.D	PIBLK-PP068615.D	Decachlorobiphenyl	1	20	22.4	112		60	140
		Tetrachloro-m-xylene	2	20	21.9	110		60	140
		Decachlorobiphenyl	2	20	22.6	113		60	140
		Tetrachloro-m-xylene	1	20	20.9	105		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4852

Client: Kleinfelder

Analytical Method: 8082A

DataFile : PP068536.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: P4859-01MS	NB-08-111424MS											
	AR1016	181.2	0	170	ug/kg	94				55	146	
	AR1260	181.2	8.4	154	ug/kg	80				45	144	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4852

Client: Kleinfelder

Analytical Method: 8082A

DataFile : PP068537.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	NB-08-111424MSD											
P4859-01MSD	AR1016	181.1	0	170	ug/kg	94		0		55	146	20
	AR1260	181.1	8.4	156	ug/kg	82		2		45	144	20



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4852

Client: Kleinfelder

Analytical Method: 8082A Datafile : PP068539.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164991BS	AR1016	166.5	146	ug/kg	88				71	120		
	AR1260	166.5	132	ug/kg	79				65	130		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164991BL

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM Case No.: P4852

SAS No.: P4852 SDG NO.: P4852

Lab Sample ID: PB164991BL

Lab File ID: PP068538.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/15/2024

Date Analyzed (1): 11/18/2024

Date Analyzed (2): 11/18/2024

Time Analyzed (1): 11:49

Time Analyzed (2): 11:49

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
NB-08-111424MS	P4859-01MS	PP068536.D	11/18/2024	11/18/2024
NB-08-111424MSD	P4859-01MSD	PP068537.D	11/18/2024	11/18/2024
PB164991BS	PB164991BS	PP068539.D	11/18/2024	11/18/2024
COMP-1	P4852-01	PP068548.D	11/18/2024	11/18/2024
COMP-3	P4852-03	PP068550.D	11/18/2024	11/18/2024
COMP-2	P4852-02	PP068607.D	11/19/2024	11/19/2024

COMMENTS: _____



CALIBRATION SUMMARY

A
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Calibration Times: 02:45 10:39

LAB FILE ID: RT 1000 = PP068361.D RT 750 = PP068362.D
RT 500 = PP068363.D RT 250 = PP068364.D RT 050 = PP068365.D

[illegible]

A
B
C
D
E
F
G

Calibration Times: 02:45 10:39

LAB FILE ID: RT 1000 = PP068361.D RT 750 = PP068362.D
RT 500 = PP068363.D RT 250 = PP068364.D RT 050 = PP068365.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** P4852 **SAS No.:** P4852 **SDG NO.:** P4852

Instrument ID: ECD_P **Calibration Date(s):** 11/08/2024 11/08/2024
Calibration Times: 02:45 10:39

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

LAB FILE ID:		CF 1000 = <u>PP068361.D</u>		CF 750 = <u>PP068362.D</u>			
CF 500 = <u>PP068363.D</u>		CF 250 = <u>PP068364.D</u>		CF 050 = <u>PP068365.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	32722878	32987127	36694544	38565352	38710580	35936096
Aroclor-1016-2	(2)	49685960	49794715	54179380	56028812	55062580	52950289
Aroclor-1016-3	(3)	31039806	31308951	31477564	35261268	36454940	33108506
Aroclor-1016-4	(4)	25063539	25553636	26008648	27599052	27185460	26282067
Aroclor-1016-5	(5)	26884732	25863024	29532330	29666960	29092940	28207997
Aroclor-1260-1	(1)	49214333	49857676	55068012	59485260	56895620	54104180
Aroclor-1260-2	(2)	58512720	58794644	61905312	70175200	68666580	63610891
Aroclor-1260-3	(3)	49867434	49696453	52919146	61783152	54693800	53791997
Aroclor-1260-4	(4)	58030307	58392116	61219352	66884816	66613400	62227998
Aroclor-1260-5	(5)	110582405	105927285	110379288	122419072	116614180	113184446
Decachlorobiphenyl		1148744080	1179137973	1231906520	1372184000	1325426000	1251479715
Tetrachloro-m-xylene		976730760	989539880	977459580	1014058520	895270000	970611748
Decachlorobiphenyl		1136957280	1191065427	1253556200	1358666560	1321692600	1252387613
Tetrachloro-m-xylene		992458220	982684227	997132340	1047919280	945647800	993168373
Decachlorobiphenyl		1161914410	1206078453	1287629180	1388690560	1317466800	1272355881
Tetrachloro-m-xylene		965301010	976063867	1045296820	1022231200	905772600	982933099
Aroclor-1254-1	(1)	45656926	46370784	48591708	55398616	63414000	51886407
Aroclor-1254-2	(2)	61419018	62089981	65367616	73235084	79075760	68237492
Aroclor-1254-3	(3)	65006662	66406433	68483584	76667348	80726040	71458013
Aroclor-1254-4	(4)	47495422	48750441	50445040	59112016	63268560	53814296
Aroclor-1254-5	(5)	57629379	58072741	61204598	69375440	67051440	62666720
Decachlorobiphenyl		1183925920	1211314307	1284210900	1390837600	1376990800	1289455905
Tetrachloro-m-xylene		989066910	975183547	996076320	1021088560	988613200	994005707
Decachlorobiphenyl		1949212650	1956251560	2086617000	2251184600	2062984000	2061249962
Tetrachloro-m-xylene		999802000	981646360	1047559160	988642360	831404200	969810816

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** P4852 **SAS No.:** P4852 **SDG NO.:** P4852

Instrument ID: ECD_P **Calibration Date(s):** 11/08/2024 11/08/2024
Calibration Times: 02:45 10:39

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

LAB FILE ID:		CF 1000 = <u>PP068361.D</u>		CF 750 = <u>PP068362.D</u>			
CF 500 = <u>PP068363.D</u>		CF 250 = <u>PP068364.D</u>		CF 050 = <u>PP068365.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	28675269	31688729	32908702	36316968	35645980	33047130
Aroclor-1016-2	(2)	45372737	44532471	46481004	50131748	47195120	46742616
Aroclor-1016-3	(3)	25581263	25572389	25828308	29036828	29182360	27040230
Aroclor-1016-4	(4)	22022727	22558800	23000164	24742976	25650260	23594985
Aroclor-1016-5	(5)	28396741	28558155	29494206	33716108	28045580	29642158
Aroclor-1260-1	(1)	50792238	51496668	53738098	60629720	61588060	55648957
Aroclor-1260-2	(2)	59992941	60241951	64329398	71848292	74766160	66235748
Aroclor-1260-3	(3)	57127224	57366085	59805332	69966764	65191800	61891441
Aroclor-1260-4	(4)	50380547	50692913	52887170	57961512	51762800	52736988
Aroclor-1260-5	(5)	115281087	113974237	117997240	127736412	120391040	119076003
Decachlorobiphenyl		1067011790	1067726547	1123064240	1231914520	1166184600	1131180339
Tetrachloro-m-xylene		972289500	961505133	979740920	1035015200	892893600	968288871
Decachlorobiphenyl		1071389140	1064856587	1152041260	1195523280	1288478000	1154457653
Tetrachloro-m-xylene		966238420	972029747	979866540	1033639640	930236800	976402229
Decachlorobiphenyl		1075259530	1103159067	1175200200	1246394680	1231284200	1166259535
Tetrachloro-m-xylene		950224170	961311800	990959620	1038390440	915281600	971233526
Aroclor-1254-1	(1)	54665587	57402907	60611942	70904972	59624080	60641898
Aroclor-1254-2	(2)	47820782	49399019	52999540	61073956	52383280	52735315
Aroclor-1254-3	(3)	78076384	79594720	83715772	92115228	82804080	83261237
Aroclor-1254-4	(4)	45870471	47148891	49237464	53498856	47382280	48627592
Aroclor-1254-5	(5)	70292397	70911040	73701438	76415732	81847640	74633649
Decachlorobiphenyl		1101361650	1125516760	1206565780	1266510680	1278915800	1195774134
Tetrachloro-m-xylene		981660810	970989867	1008018320	1038763400	859285200	971743519
Decachlorobiphenyl		1822479100	1863575213	1915658760	2051852880	2001053000	1930923791
Tetrachloro-m-xylene		973469740	966812560	1002294360	1022455760	875332800	968073044

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

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.: P4852 SAS No.: P4852 SDG NO.: P4852

Continuing Calib Date: 11/18/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 09:38 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.93	5.92	5.82	6.02	-0.01
Aroclor-1016-2	(2)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.11	6.01	6.21	0.00
Aroclor-1016-5	(5)	6.41	6.40	6.30	6.50	-0.01
Aroclor-1260-1	(1)	7.53	7.52	7.42	7.62	-0.01
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.72	8.71	8.61	8.81	-0.01
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.68	10.67	10.57	10.77	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

Continuing Calib Date: 11/18/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 09:38 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.36	5.26	5.46	0.00
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.01
Aroclor-1260-1	(1)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.75	6.95	0.01
Aroclor-1260-3	(3)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-4	(4)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-5	(5)	7.72	7.72	7.62	7.82	0.00
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.21	9.21	9.11	9.31	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL01 Date Analyzed: 11/18/2024

Lab Sample No.: AR1660CCC500 Data File : PP068530.D Time Analyzed: 09:38

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.927	5.821	6.021	468.490	500.000	-6.3
Aroclor-1016-2	5.949	5.844	6.044	470.180	500.000	-6.0
Aroclor-1016-3	6.013	5.908	6.108	476.220	500.000	-4.8
Aroclor-1016-4	6.111	6.005	6.205	491.500	500.000	-1.7
Aroclor-1016-5	6.405	6.299	6.499	468.790	500.000	-6.2
Aroclor-1260-1	7.529	7.423	7.623	463.130	500.000	-7.4
Aroclor-1260-2	7.782	7.676	7.876	439.830	500.000	-12.0
Aroclor-1260-3	8.143	8.038	8.238	428.160	500.000	-14.4
Aroclor-1260-4	8.382	8.276	8.476	429.470	500.000	-14.1
Aroclor-1260-5	8.720	8.613	8.813	432.320	500.000	-13.5
Decachlorobiphenyl	10.679	10.572	10.772	44.200	50.000	-11.6
Tetrachloro-m-xylene	4.763	4.657	4.857	47.700	50.000	-4.6

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL01 Date Analyzed: 11/18/2024

Lab Sample No.: AR1660CCC500 Data File : PP068530.D Time Analyzed: 09:38

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.157	5.058	5.258	484.470	500.000	-3.1
Aroclor-1016-2	5.178	5.079	5.279	473.470	500.000	-5.3
Aroclor-1016-3	5.358	5.259	5.459	456.240	500.000	-8.8
Aroclor-1016-4	5.397	5.298	5.498	465.350	500.000	-6.9
Aroclor-1016-5	5.615	5.517	5.717	467.310	500.000	-6.5
Aroclor-1260-1	6.659	6.560	6.760	459.160	500.000	-8.2
Aroclor-1260-2	6.845	6.747	6.947	456.200	500.000	-8.8
Aroclor-1260-3	7.003	6.905	7.105	462.240	500.000	-7.6
Aroclor-1260-4	7.477	7.378	7.578	472.290	500.000	-5.5
Aroclor-1260-5	7.715	7.617	7.817	461.250	500.000	-7.8
Decachlorobiphenyl	9.208	9.110	9.310	45.210	50.000	-9.6
Tetrachloro-m-xylene	4.052	3.951	4.151	49.210	50.000	-1.6

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

Continuing Calib Date: 11/18/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 13:05 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.93	5.92	5.82	6.02	-0.01
Aroclor-1016-2	(2)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.11	6.01	6.21	0.00
Aroclor-1016-5	(5)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-1	(1)	7.53	7.52	7.42	7.62	-0.01
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.72	8.71	8.61	8.81	-0.01
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.68	10.67	10.57	10.77	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

Continuing Calib Date: 11/18/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 13:05 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.36	5.26	5.46	0.00
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.00
Aroclor-1260-1	(1)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.75	6.95	0.01
Aroclor-1260-3	(3)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-4	(4)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-5	(5)	7.72	7.72	7.62	7.82	0.00
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.21	9.21	9.11	9.31	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL02 Date Analyzed: 11/18/2024

Lab Sample No.: AR1660CCC500 Data File : PP068542.D Time Analyzed: 13:05

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.926	5.821	6.021	457.730	500.000	-8.5
Aroclor-1016-2	5.948	5.844	6.044	458.850	500.000	-8.2
Aroclor-1016-3	6.011	5.908	6.108	455.320	500.000	-8.9
Aroclor-1016-4	6.109	6.005	6.205	487.870	500.000	-2.4
Aroclor-1016-5	6.403	6.299	6.499	464.930	500.000	-7.0
Aroclor-1260-1	7.528	7.423	7.623	435.100	500.000	-13.0
Aroclor-1260-2	7.781	7.676	7.876	434.590	500.000	-13.1
Aroclor-1260-3	8.142	8.038	8.238	432.090	500.000	-13.6
Aroclor-1260-4	8.380	8.276	8.476	420.380	500.000	-15.9
Aroclor-1260-5	8.718	8.613	8.813	426.480	500.000	-14.7
Decachlorobiphenyl	10.678	10.572	10.772	44.870	50.000	-10.3
Tetrachloro-m-xylene	4.761	4.657	4.857	48.070	50.000	-3.9

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL02 Date Analyzed: 11/18/2024

Lab Sample No.: AR1660CCC500 Data File : PP068542.D Time Analyzed: 13:05

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.157	5.058	5.258	510.770	500.000	2.2
Aroclor-1016-2	5.177	5.079	5.279	500.810	500.000	0.2
Aroclor-1016-3	5.357	5.259	5.459	486.900	500.000	-2.6
Aroclor-1016-4	5.397	5.298	5.498	489.450	500.000	-2.1
Aroclor-1016-5	5.616	5.517	5.717	479.630	500.000	-4.1
Aroclor-1260-1	6.659	6.560	6.760	448.840	500.000	-10.2
Aroclor-1260-2	6.845	6.747	6.947	444.970	500.000	-11.0
Aroclor-1260-3	7.003	6.905	7.105	450.050	500.000	-10.0
Aroclor-1260-4	7.477	7.378	7.578	459.060	500.000	-8.2
Aroclor-1260-5	7.716	7.617	7.817	444.870	500.000	-11.0
Decachlorobiphenyl	9.208	9.110	9.310	45.610	50.000	-8.8
Tetrachloro-m-xylene	4.051	3.951	4.151	50.540	50.000	1.1

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

Continuing Calib Date: 11/18/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 17:04 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.93	5.92	5.82	6.02	-0.01
Aroclor-1016-2	(2)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.11	6.01	6.21	0.00
Aroclor-1016-5	(5)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-1	(1)	7.53	7.52	7.42	7.62	-0.01
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.72	8.71	8.61	8.81	-0.01
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.68	10.67	10.57	10.77	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

Continuing Calib Date: 11/18/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 17:04 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.36	5.26	5.46	0.00
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.00
Aroclor-1260-1	(1)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.75	6.95	0.00
Aroclor-1260-3	(3)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-4	(4)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-5	(5)	7.72	7.72	7.62	7.82	0.00
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.21	9.21	9.11	9.31	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL03 Date Analyzed: 11/18/2024

Lab Sample No.: AR1660CCC500 Data File : PP068554.D Time Analyzed: 17:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.925	5.821	6.021	464.840	500.000	-7.0
Aroclor-1016-2	5.947	5.844	6.044	474.020	500.000	-5.2
Aroclor-1016-3	6.011	5.908	6.108	474.730	500.000	-5.1
Aroclor-1016-4	6.109	6.005	6.205	481.140	500.000	-3.8
Aroclor-1016-5	6.403	6.299	6.499	460.140	500.000	-8.0
Aroclor-1260-1	7.527	7.423	7.623	432.380	500.000	-13.5
Aroclor-1260-2	7.780	7.676	7.876	424.720	500.000	-15.1
Aroclor-1260-3	8.141	8.038	8.238	409.620	500.000	-18.1
Aroclor-1260-4	8.380	8.276	8.476	418.660	500.000	-16.3
Aroclor-1260-5	8.717	8.613	8.813	414.130	500.000	-17.2
Decachlorobiphenyl	10.676	10.572	10.772	43.350	50.000	-13.3
Tetrachloro-m-xylene	4.761	4.657	4.857	49.690	50.000	-0.6

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02
Lab Code: CHEM **Case No.:** P4852 **SAS No.:** P4852 **SDG NO.:** P4852
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/08/2024 11/08/2024
Client Sample No.: CCAL03 **Date Analyzed:** 11/18/2024
Lab Sample No.: AR1660CCC500 **Data File :** PP068554.D **Time Analyzed:** 17:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.157	5.058	5.258	495.490	500.000	-0.9
Aroclor-1016-2	5.178	5.079	5.279	481.120	500.000	-3.8
Aroclor-1016-3	5.358	5.259	5.459	464.580	500.000	-7.1
Aroclor-1016-4	5.397	5.298	5.498	469.540	500.000	-6.1
Aroclor-1016-5	5.616	5.517	5.717	492.550	500.000	-1.5
Aroclor-1260-1	6.659	6.560	6.760	456.050	500.000	-8.8
Aroclor-1260-2	6.846	6.747	6.947	459.320	500.000	-8.1
Aroclor-1260-3	7.003	6.905	7.105	463.440	500.000	-7.3
Aroclor-1260-4	7.477	7.378	7.578	456.610	500.000	-8.7
Aroclor-1260-5	7.716	7.617	7.817	449.570	500.000	-10.1
Decachlorobiphenyl	9.209	9.110	9.310	44.370	50.000	-11.3
Tetrachloro-m-xylene	4.051	3.951	4.151	49.520	50.000	-1.0

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

Continuing Calib Date: 11/19/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 11:50 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.92	5.92	5.82	6.02	0.00
Aroclor-1016-2	(2)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.11	6.01	6.21	0.00
Aroclor-1016-5	(5)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-1	(1)	7.53	7.52	7.42	7.62	-0.01
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.72	8.71	8.61	8.81	-0.01
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.67	10.67	10.57	10.77	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

Continuing Calib Date: 11/19/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 11:50 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.15	5.16	5.06	5.26	0.01
Aroclor-1016-2	(2)	5.17	5.18	5.08	5.28	0.01
Aroclor-1016-3	(3)	5.36	5.36	5.26	5.46	0.00
Aroclor-1016-4	(4)	5.39	5.40	5.30	5.50	0.01
Aroclor-1016-5	(5)	5.61	5.62	5.52	5.72	0.01
Aroclor-1260-1	(1)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-2	(2)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-3	(3)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-4	(4)	7.48	7.48	7.38	7.58	0.01
Aroclor-1260-5	(5)	7.71	7.72	7.62	7.82	0.01
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.21	9.21	9.11	9.31	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL04 Date Analyzed: 11/19/2024

Lab Sample No.: AR1660CCC500 Data File : PP068602.D Time Analyzed: 11:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.923	5.821	6.021	462.180	500.000	-7.6
Aroclor-1016-2	5.945	5.844	6.044	481.740	500.000	-3.7
Aroclor-1016-3	6.008	5.908	6.108	490.180	500.000	-2.0
Aroclor-1016-4	6.106	6.005	6.205	490.380	500.000	-1.9
Aroclor-1016-5	6.400	6.299	6.499	462.630	500.000	-7.5
Aroclor-1260-1	7.525	7.423	7.623	477.630	500.000	-4.5
Aroclor-1260-2	7.777	7.676	7.876	459.180	500.000	-8.2
Aroclor-1260-3	8.139	8.038	8.238	431.860	500.000	-13.6
Aroclor-1260-4	8.376	8.276	8.476	426.790	500.000	-14.6
Aroclor-1260-5	8.715	8.613	8.813	422.590	500.000	-15.5
Decachlorobiphenyl	10.674	10.572	10.772	44.450	50.000	-11.1
Tetrachloro-m-xylene	4.758	4.657	4.857	49.130	50.000	-1.7

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL04 Date Analyzed: 11/19/2024

Lab Sample No.: AR1660CCC500 Data File : PP068602.D Time Analyzed: 11:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.154	5.058	5.258	509.510	500.000	1.9
Aroclor-1016-2	5.174	5.079	5.279	473.120	500.000	-5.4
Aroclor-1016-3	5.355	5.259	5.459	439.650	500.000	-12.1
Aroclor-1016-4	5.394	5.298	5.498	442.810	500.000	-11.4
Aroclor-1016-5	5.614	5.517	5.717	493.170	500.000	-1.4
Aroclor-1260-1	6.657	6.560	6.760	494.420	500.000	-1.1
Aroclor-1260-2	6.843	6.747	6.947	469.380	500.000	-6.1
Aroclor-1260-3	7.001	6.905	7.105	467.400	500.000	-6.5
Aroclor-1260-4	7.475	7.378	7.578	472.750	500.000	-5.5
Aroclor-1260-5	7.713	7.617	7.817	458.570	500.000	-8.3
Decachlorobiphenyl	9.205	9.110	9.310	45.250	50.000	-9.5
Tetrachloro-m-xylene	4.049	3.951	4.151	49.290	50.000	-1.4

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

Continuing Calib Date: 11/19/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 15:29 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.93	5.92	5.82	6.02	-0.01
Aroclor-1016-2	(2)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.11	6.01	6.21	0.00
Aroclor-1016-5	(5)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-1	(1)	7.53	7.52	7.42	7.62	-0.01
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.72	8.71	8.61	8.81	-0.01
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.68	10.67	10.57	10.77	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

Continuing Calib Date: 11/19/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 15:29 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.36	5.26	5.46	0.00
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.01
Aroclor-1260-1	(1)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.75	6.95	0.01
Aroclor-1260-3	(3)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-4	(4)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-5	(5)	7.72	7.72	7.62	7.82	0.00
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.21	9.21	9.11	9.31	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL05 Date Analyzed: 11/19/2024

Lab Sample No.: AR1660CCC500 Data File : PP068614.D Time Analyzed: 15:29

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.926	5.821	6.021	472.020	500.000	-5.6
Aroclor-1016-2	5.947	5.844	6.044	493.840	500.000	-1.2
Aroclor-1016-3	6.011	5.908	6.108	514.490	500.000	2.9
Aroclor-1016-4	6.109	6.005	6.205	518.260	500.000	3.7
Aroclor-1016-5	6.404	6.299	6.499	470.310	500.000	-5.9
Aroclor-1260-1	7.527	7.423	7.623	488.300	500.000	-2.3
Aroclor-1260-2	7.780	7.676	7.876	469.560	500.000	-6.1
Aroclor-1260-3	8.142	8.038	8.238	446.600	500.000	-10.7
Aroclor-1260-4	8.380	8.276	8.476	435.780	500.000	-12.8
Aroclor-1260-5	8.717	8.613	8.813	439.380	500.000	-12.1
Decachlorobiphenyl	10.675	10.572	10.772	45.710	50.000	-8.6
Tetrachloro-m-xylene	4.761	4.657	4.857	49.560	50.000	-0.9

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG NO.: P4852

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL05 Date Analyzed: 11/19/2024

Lab Sample No.: AR1660CCC500 Data File : PP068614.D Time Analyzed: 15:29

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.156	5.058	5.258	501.490	500.000	0.3
Aroclor-1016-2	5.176	5.079	5.279	490.400	500.000	-1.9
Aroclor-1016-3	5.356	5.259	5.459	452.510	500.000	-9.5
Aroclor-1016-4	5.396	5.298	5.498	459.270	500.000	-8.1
Aroclor-1016-5	5.615	5.517	5.717	511.580	500.000	2.3
Aroclor-1260-1	6.658	6.560	6.760	492.620	500.000	-1.5
Aroclor-1260-2	6.845	6.747	6.947	463.600	500.000	-7.3
Aroclor-1260-3	7.002	6.905	7.105	472.300	500.000	-5.5
Aroclor-1260-4	7.477	7.378	7.578	478.300	500.000	-4.3
Aroclor-1260-5	7.715	7.617	7.817	470.590	500.000	-5.9
Decachlorobiphenyl	9.207	9.110	9.310	46.580	50.000	-6.8
Tetrachloro-m-xylene	4.051	3.951	4.151	50.940	50.000	1.9

Analytical Sequence

Client: Kleinfelder	SDG No.: P4852	
Project: Webster School	Instrument ID: ECD_P	
GC Column: ZB-MR1	ID: 0.32 (mm)	Inst. Calib. Date(s): 11/08/2024 11/08/2024

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	11/08/2024	02:29	PP068360.D	10.67	4.76
AR1660ICC1000	AR1660ICC1000	11/08/2024	02:45	PP068361.D	10.67	4.76
AR1660ICC750	AR1660ICC750	11/08/2024	03:02	PP068362.D	10.68	4.76
AR1660ICC500	AR1660ICC500	11/08/2024	03:18	PP068363.D	10.67	4.76
AR1660ICC250	AR1660ICC250	11/08/2024	03:34	PP068364.D	10.68	4.76
AR1660ICC050	AR1660ICC050	11/08/2024	03:51	PP068365.D	10.67	4.76
AR1221ICC500	AR1221ICC500	11/08/2024	04:07	PP068366.D	10.68	4.76
AR1232ICC500	AR1232ICC500	11/08/2024	04:23	PP068367.D	10.67	4.76
AR1242ICC1000	AR1242ICC1000	11/08/2024	04:40	PP068368.D	10.67	4.76
AR1242ICC750	AR1242ICC750	11/08/2024	04:56	PP068369.D	10.67	4.76
AR1242ICC500	AR1242ICC500	11/08/2024	05:12	PP068370.D	10.67	4.76
AR1242ICC250	AR1242ICC250	11/08/2024	05:29	PP068371.D	10.67	4.76
AR1242ICC050	AR1242ICC050	11/08/2024	05:45	PP068372.D	10.68	4.76
AR1248ICC1000	AR1248ICC1000	11/08/2024	06:01	PP068373.D	10.67	4.76
AR1248ICC750	AR1248ICC750	11/08/2024	06:18	PP068374.D	10.68	4.76
AR1248ICC500	AR1248ICC500	11/08/2024	06:34	PP068375.D	10.67	4.76
AR1248ICC250	AR1248ICC250	11/08/2024	06:50	PP068376.D	10.67	4.76
AR1248ICC050	AR1248ICC050	11/08/2024	07:07	PP068377.D	10.67	4.76
AR1254ICC1000	AR1254ICC1000	11/08/2024	07:23	PP068378.D	10.67	4.76
AR1254ICC750	AR1254ICC750	11/08/2024	07:39	PP068379.D	10.67	4.76
AR1254ICC500	AR1254ICC500	11/08/2024	07:56	PP068380.D	10.67	4.76
AR1254ICC250	AR1254ICC250	11/08/2024	08:12	PP068381.D	10.67	4.76
AR1254ICC050	AR1254ICC050	11/08/2024	08:28	PP068382.D	10.67	4.76
AR1262ICC500	AR1262ICC500	11/08/2024	08:45	PP068383.D	10.67	4.76
AR1268ICC1000	AR1268ICC1000	11/08/2024	09:01	PP068384.D	10.67	4.76
AR1268ICC750	AR1268ICC750	11/08/2024	09:17	PP068385.D	10.67	4.76
AR1268ICC500	AR1268ICC500	11/08/2024	09:34	PP068386.D	10.67	4.76
AR1268ICC250	AR1268ICC250	11/08/2024	09:50	PP068387.D	10.67	4.76
AR1268ICC050	AR1268ICC050	11/08/2024	10:39	PP068388.D	10.67	4.76
AR1660CCC500	AR1660CCC500	11/18/2024	09:38	PP068530.D	10.68	4.76
IBLK	IBLK	11/18/2024	09:54	PP068531.D	10.68	4.76
NB-08-111424MS	P4859-01MS	11/18/2024	11:16	PP068536.D	10.68	4.76
NB-08-111424MSD	P4859-01MSD	11/18/2024	11:33	PP068537.D	10.68	4.76
PB164991BL	PB164991BL	11/18/2024	11:49	PP068538.D	10.67	4.76
PB164991BS	PB164991BS	11/18/2024	12:05	PP068539.D	10.68	4.76
AR1660CCC500	AR1660CCC500	11/18/2024	13:05	PP068542.D	10.68	4.76
IBLK	IBLK	11/18/2024	13:21	PP068543.D	10.67	4.76
COMP-1	P4852-01	11/18/2024	14:43	PP068548.D	10.68	4.76
COMP-3	P4852-03	11/18/2024	15:16	PP068550.D	10.68	4.76
AR1660CCC500	AR1660CCC500	11/18/2024	17:04	PP068554.D	10.68	4.76
IBLK	IBLK	11/18/2024	18:09	PP068558.D	10.67	4.76
AR1660CCC500	AR1660CCC500	11/19/2024	11:50	PP068602.D	10.67	4.76

Analytical Sequence

I.BLK	I.BLK	11/19/2024	12:55	PP068606.D	10.68	4.76
COMP-2	P4852-02	11/19/2024	13:11	PP068607.D	10.67	4.76
AR1660CCC500	AR1660CCC500	11/19/2024	15:29	PP068614.D	10.68	4.76
I.BLK	I.BLK	11/19/2024	15:45	PP068615.D	10.67	4.76

Analytical Sequence

Client: Kleinfelder

SDG No.: P4852

Project: Webster School

Instrument ID: ECD_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/08/2024

11/08/2024

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 #
LBLK	LBLK	11/08/2024	02:29	PP068360.D	9.21	4.05
AR1660ICC1000	AR1660ICC1000	11/08/2024	02:45	PP068361.D	9.21	4.05
AR1660ICC750	AR1660ICC750	11/08/2024	03:02	PP068362.D	9.21	4.05
AR1660ICC500	AR1660ICC500	11/08/2024	03:18	PP068363.D	9.21	4.05
AR1660ICC250	AR1660ICC250	11/08/2024	03:34	PP068364.D	9.21	4.05
AR1660ICC050	AR1660ICC050	11/08/2024	03:51	PP068365.D	9.21	4.05
AR1221ICC500	AR1221ICC500	11/08/2024	04:07	PP068366.D	9.21	4.05
AR1232ICC500	AR1232ICC500	11/08/2024	04:23	PP068367.D	9.21	4.05
AR1242ICC1000	AR1242ICC1000	11/08/2024	04:40	PP068368.D	9.21	4.05
AR1242ICC750	AR1242ICC750	11/08/2024	04:56	PP068369.D	9.21	4.05
AR1242ICC500	AR1242ICC500	11/08/2024	05:12	PP068370.D	9.21	4.05
AR1242ICC250	AR1242ICC250	11/08/2024	05:29	PP068371.D	9.21	4.05
AR1242ICC050	AR1242ICC050	11/08/2024	05:45	PP068372.D	9.21	4.05
AR1248ICC1000	AR1248ICC1000	11/08/2024	06:01	PP068373.D	9.21	4.05
AR1248ICC750	AR1248ICC750	11/08/2024	06:18	PP068374.D	9.21	4.05
AR1248ICC500	AR1248ICC500	11/08/2024	06:34	PP068375.D	9.21	4.05
AR1248ICC250	AR1248ICC250	11/08/2024	06:50	PP068376.D	9.21	4.05
AR1248ICC050	AR1248ICC050	11/08/2024	07:07	PP068377.D	9.21	4.05
AR1254ICC1000	AR1254ICC1000	11/08/2024	07:23	PP068378.D	9.21	4.05
AR1254ICC750	AR1254ICC750	11/08/2024	07:39	PP068379.D	9.21	4.05
AR1254ICC500	AR1254ICC500	11/08/2024	07:56	PP068380.D	9.21	4.05
AR1254ICC250	AR1254ICC250	11/08/2024	08:12	PP068381.D	9.21	4.05
AR1254ICC050	AR1254ICC050	11/08/2024	08:28	PP068382.D	9.21	4.05
AR1262ICC500	AR1262ICC500	11/08/2024	08:45	PP068383.D	9.21	4.05
AR1268ICC1000	AR1268ICC1000	11/08/2024	09:01	PP068384.D	9.21	4.05
AR1268ICC750	AR1268ICC750	11/08/2024	09:17	PP068385.D	9.21	4.05
AR1268ICC500	AR1268ICC500	11/08/2024	09:34	PP068386.D	9.21	4.05
AR1268ICC250	AR1268ICC250	11/08/2024	09:50	PP068387.D	9.21	4.05
AR1268ICC050	AR1268ICC050	11/08/2024	10:39	PP068388.D	9.21	4.05
AR1660CCC500	AR1660CCC500	11/18/2024	09:38	PP068530.D	9.21	4.05
LBLK	LBLK	11/18/2024	09:54	PP068531.D	9.21	4.05
NB-08-111424MS	P4859-01MS	11/18/2024	11:16	PP068536.D	9.21	4.05
NB-08-111424MSD	P4859-01MSD	11/18/2024	11:33	PP068537.D	9.21	4.05
PB164991BL	PB164991BL	11/18/2024	11:49	PP068538.D	9.21	4.05
PB164991BS	PB164991BS	11/18/2024	12:05	PP068539.D	9.21	4.05
AR1660CCC500	AR1660CCC500	11/18/2024	13:05	PP068542.D	9.21	4.05
LBLK	LBLK	11/18/2024	13:21	PP068543.D	9.21	4.05
COMP-1	P4852-01	11/18/2024	14:43	PP068548.D	9.21	4.05
COMP-3	P4852-03	11/18/2024	15:16	PP068550.D	9.21	4.05
AR1660CCC500	AR1660CCC500	11/18/2024	17:04	PP068554.D	9.21	4.05
LBLK	LBLK	11/18/2024	18:09	PP068558.D	9.21	4.05
AR1660CCC500	AR1660CCC500	11/19/2024	11:50	PP068602.D	9.21	4.05

Analytical Sequence

LBLK	LBLK	11/19/2024	12:55	PP068606.D	9.21	4.05
COMP-2	P4852-02	11/19/2024	13:11	PP068607.D	9.21	4.05
AR1660CCC500	AR1660CCC500	11/19/2024	15:29	PP068614.D	9.21	4.05
LBLK	LBLK	11/19/2024	15:45	PP068615.D	9.21	4.05



QC SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Webster School	Date Received:	
Client Sample ID:	PB164991BL	SDG No.:	P4852
Lab Sample ID:	PB164991BL	Matrix:	SOIL
Analytical Method:	SW8082A	% 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
PP068538.D	1	11/15/24 08:50	11/18/24 11:49	PB164991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.40	U	3.40	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
11096-82-5	Aroclor-1260	2.90	U	2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		32 - 175	92%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Kleinfelder	Date Collected:	11/08/24
Project:	Webster School	Date Received:	11/08/24
Client Sample ID:	PIBLK-PP068360.D	SDG No.:	P4852
Lab Sample ID:	I.BLK-PP068360.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP068360.D	1		11/08/24	PP110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.0		60 - 140	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 140	117%	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:	11/18/24
Project:	Webster School	Date Received:	11/18/24
Client Sample ID:	PIBLK-PP068531.D	SDG No.:	P4852
Lab Sample ID:	I.BLK-PP068531.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP068531.D	1		11/18/24	PP111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		60 - 140	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		60 - 140	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:	11/18/24
Project:	Webster School	Date Received:	11/18/24
Client Sample ID:	PIBLK-PP068543.D	SDG No.:	P4852
Lab Sample ID:	I.BLK-PP068543.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP068543.D	1		11/18/24	PP111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		60 - 140	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		60 - 140	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:	11/18/24
Project:	Webster School	Date Received:	11/18/24
Client Sample ID:	PIBLK-PP068558.D	SDG No.:	P4852
Lab Sample ID:	I.BLK-PP068558.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP068558.D	1		11/18/24	PP111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.9		60 - 140	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.4		60 - 140	107%	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:	11/19/24
Project:	Webster School	Date Received:	11/19/24
Client Sample ID:	PIBLK-PP068606.D	SDG No.:	P4852
Lab Sample ID:	I.BLK-PP068606.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP068606.D	1		11/19/24	PP111924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.5		60 - 140	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		60 - 140	111%	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:	11/19/24
Project:	Webster School	Date Received:	11/19/24
Client Sample ID:	PIBLK-PP068615.D	SDG No.:	P4852
Lab Sample ID:	I.BLK-PP068615.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP068615.D	1		11/19/24	PP111924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.9		60 - 140	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		60 - 140	112%	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:	Webster School	Date Received:	
Client Sample ID:	PB164991BS	SDG No.:	P4852
Lab Sample ID:	PB164991BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100
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
PP068539.D	1	11/15/24 08:50	11/18/24 12:05	PB164991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	146		3.40	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
11096-82-5	Aroclor-1260	132		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		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:	11/14/24
Project:	Webster School	Date Received:	11/14/24
Client Sample ID:	NB-08-111424MS	SDG No.:	P4852
Lab Sample ID:	P4859-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.9
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
PP068536.D	1	11/15/24 08:50	11/18/24 11:16	PB164991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	170		3.70	18.5	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.5	ug/kg
11096-82-5	Aroclor-1260	154		3.20	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.3		32 - 144	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		32 - 175	94%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Kleinfelder	Date Collected:	11/14/24
Project:	Webster School	Date Received:	11/14/24
Client Sample ID:	NB-08-111424MSD	SDG No.:	P4852
Lab Sample ID:	P4859-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.9
Sample Wt/Vol:	30.04 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
PP068537.D	1	11/15/24 08:50	11/18/24 11:33	PB164991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	170		3.70	18.5	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.5	ug/kg
11096-82-5	Aroclor-1260	156		3.20	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		32 - 144	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		32 - 175	96%	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