

LAB CHRONICLE

OrderID:	P5382	OrderDate:	12/23/2024 11:39:00 AM
Client:	Kleinfelder	Project:	Comegys School
Contact:	Mark Warchol	Location:	N31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5382-01	COMP-1	SOIL			12/20/24			12/23/24
			PCB Group1	8082A		12/26/24	12/26/24	
			PESTICIDE Group1	8081B		12/26/24	12/26/24	
P5382-02	COMP-2	SOIL			12/20/24			12/23/24
			PCB Group1	8082A		12/26/24	12/26/24	
			PESTICIDE Group1	8081B		12/26/24	12/26/24	
P5382-03	COMP-3	SOIL			12/20/24			12/23/24
			PCB Group1	8082A		12/26/24	12/26/24	
			PESTICIDE Group1	8081B		12/26/24	12/26/24	



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

Hit Summary Sheet
SW-846

SDG No.:

P5382

Order ID:

P5382

Client:

Kleinfelder

Project ID:

Comegys School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				Total Concentration:	0.000			



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-1	SDG No.:	P5382
Lab Sample ID:	P5382-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093520.D	1	12/26/24 08:30	12/26/24 13:19	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.17	U	0.17	2.00	ug/kg
60-57-1	Dieldrin	0.18	U	0.18	2.00	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	2.00	ug/kg
72-54-8	4,4-DDD	0.23	U	0.23	2.00	ug/kg
50-29-3	4,4-DDT	0.20	U	0.20	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.7		10 - 148	78%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		10 - 159	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

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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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:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-2	SDG No.:	P5382
Lab Sample ID:	P5382-02	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.5
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093521.D	1	12/26/24 08:30	12/26/24 13:33	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.17	U	0.17	2.10	ug/kg
60-57-1	Dieldrin	0.18	U	0.18	2.10	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	2.10	ug/kg
72-54-8	4,4-DDD	0.23	U	0.23	2.10	ug/kg
50-29-3	4,4-DDT	0.21	U	0.21	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.4		10 - 148	107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.7		10 - 159	109%	SPK: 20

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Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-3	SDG No.:	P5382
Lab Sample ID:	P5382-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.8
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093522.D	1	12/26/24 08:30	12/26/24 13:46	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.17	U	0.17	2.10	ug/kg
60-57-1	Dieldrin	0.18	U	0.18	2.10	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	2.10	ug/kg
72-54-8	4,4-DDD	0.23	U	0.23	2.10	ug/kg
50-29-3	4,4-DDT	0.21	U	0.21	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.0		10 - 148	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.6		10 - 159	113%	SPK: 20

Comments:

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QC SUMMARY

Surrogate Summary

SDG No.: **P5382**

Client: **Kleinfelder**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PL093481.D	PIBLK-PL093481.D	Decachlorobiphenyl	1	20	22.0	110		43	140
		Tetrachloro-m-xylene	1	20	20.5	102		77	126
		Decachlorobiphenyl	2	20	21.4	107		43	140
		Tetrachloro-m-xylene	2	20	19.9	100		77	126
I.BLK-PL093514.D	PIBLK-PL093514.D	Decachlorobiphenyl	1	20	24.0	120		43	140
		Tetrachloro-m-xylene	1	20	21.5	108		77	126
		Decachlorobiphenyl	2	20	23.8	119		43	140
		Tetrachloro-m-xylene	2	20	19.5	98		77	126
PB165844BL	PB165844BL	Decachlorobiphenyl	1	20	24.1	120		10	148
		Tetrachloro-m-xylene	1	20	19.8	99		10	159
		Decachlorobiphenyl	2	20	23.8	119		10	148
		Tetrachloro-m-xylene	2	20	18.2	91		10	159
PB165844BS	PB165844BS	Decachlorobiphenyl	1	20	23.9	120		10	148
		Tetrachloro-m-xylene	1	20	20.9	105		10	159
		Decachlorobiphenyl	2	20	23.8	119		10	148
		Tetrachloro-m-xylene	2	20	19.1	95		10	159
P5382-01	COMP-1	Decachlorobiphenyl	1	20	15.7	78		10	148
		Tetrachloro-m-xylene	1	20	19.4	97		10	159
		Decachlorobiphenyl	2	20	14.9	75		10	148
		Tetrachloro-m-xylene	2	20	18.2	91		10	159
P5382-02	COMP-2	Decachlorobiphenyl	1	20	21.4	107		10	148
		Tetrachloro-m-xylene	1	20	21.7	109		10	159
		Decachlorobiphenyl	2	20	20.0	100		10	148
		Tetrachloro-m-xylene	2	20	20.7	103		10	159
P5382-03	COMP-3	Decachlorobiphenyl	1	20	22.0	110		10	148
		Tetrachloro-m-xylene	1	20	22.6	113		10	159
		Decachlorobiphenyl	2	20	21.4	107		10	148
		Tetrachloro-m-xylene	2	20	21.7	109		10	159
P5382-03MS	COMP-3MS	Decachlorobiphenyl	1	20	19.8	99		10	148
		Tetrachloro-m-xylene	1	20	18.7	94		10	159
		Decachlorobiphenyl	2	20	19.1	96		10	148
		Tetrachloro-m-xylene	2	20	17.9	90		10	159
P5382-03MSD	COMP-3MSD	Decachlorobiphenyl	1	20	19.4	97		10	148
		Tetrachloro-m-xylene	1	20	18.7	94		10	159
		Decachlorobiphenyl	2	20	18.6	93		10	148
		Tetrachloro-m-xylene	2	20	17.7	89		10	159
I.BLK-PL093525.D	PIBLK-PL093525.D	Decachlorobiphenyl	1	20	24.0	120		43	140
		Tetrachloro-m-xylene	1	20	21.7	108		77	126
		Decachlorobiphenyl	2	20	23.8	119		43	140
		Tetrachloro-m-xylene	2	20	20.1	101		77	126

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5382

Client: Kleinfelder

Analytical Method: 8081B

DataFile : PL093523.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	COMP-3MS											
P5382-03MS	Aldrin	20.09	0	21.0	ug/kg	105				49	139	
	Dieldrin	20.09	0	22.4	ug/kg	111				47	161	
	4,4'-DDE	20.09	0	22.4	ug/kg	111				55	136	
	4,4'-DDD	20.09	0	22.7	ug/kg	113				37	192	
	4,4'-DDT	20.09	0	24.0	ug/kg	119				51	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5382

Client: Kleinfelder

Analytical Method: 8081B

DataFile : PL093524.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec Qual	RPD Qual	Low	Limits High	RPD
Client Sample ID: P5382-03MSD	COMP-3MSD									
	Aldrin	20.1	0	20.6	ug/kg	102	3	49	139	20
	Dieldrin	20.1	0	22.0	ug/kg	109	2	47	161	20
	4,4'-DDE	20.1	0	22.0	ug/kg	109	2	55	136	20
	4,4'-DDD	20.1	0	22.4	ug/kg	111	2	37	192	20
	4,4'-DDT	20.1	0	23.4	ug/kg	116	3	51	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5382

Client: Kleinfelder

Analytical Method: **8081B** **Datafile :** PL093518.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165844BS	Aldrin	16.65	17.4	ug/kg	105				82	124	
	Dieldrin	16.65	18.7	ug/kg	112				85	121	
	4,4'-DDE	16.65	18.6	ug/kg	112				81	123	
	4,4'-DDD	16.65	19.2	ug/kg	115				80	131	
	4,4'-DDT	16.65	20.1	ug/kg	121				70	129	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165844BL

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM Case No.: P5382

SAS No.: P5382 SDG NO.: P5382

Lab Sample ID: PB165844BL

Lab File ID: PL093517.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 12/26/2024

Date Analyzed (1): 12/26/2024

Date Analyzed (2): 12/26/2024

Time Analyzed (1): 12:38

Time Analyzed (2): 12:38

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB165844BS	PB165844BS	PL093518.D	12/26/2024	12/26/2024
COMP-1	P5382-01	PL093520.D	12/26/2024	12/26/2024
COMP-2	P5382-02	PL093521.D	12/26/2024	12/26/2024
COMP-3	P5382-03	PL093522.D	12/26/2024	12/26/2024
COMP-3MS	P5382-03MS	PL093523.D	12/26/2024	12/26/2024
COMP-3MSD	P5382-03MSD	PL093524.D	12/26/2024	12/26/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Comegys School	Date Received:	
Client Sample ID:	PB165844BL	SDG No.:	P5382
Lab Sample ID:	PB165844BL	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093517.D	1	12/26/24 08:30	12/26/24 12:38	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	1.70	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.1		10 - 148	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.8		10 - 159	99%	SPK: 20

Comments:

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Report of Analysis

Client:	Kleinfelder	Date Collected:	12/23/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	PIBLK-PL093481.D	SDG No.:	P5382
Lab Sample ID:	I.BLK-PL093481.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093481.D	1		12/23/24	PL122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.0		43 - 140	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.5		77 - 126	102%	SPK: 20

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Report of Analysis

Client:	Kleinfelder	Date Collected:	12/26/24
Project:	Comegys School	Date Received:	12/26/24
Client Sample ID:	PIBLK-PL093514.D	SDG No.:	P5382
Lab Sample ID:	I.BLK-PL093514.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093514.D	1		12/26/24	pl122624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.0		43 - 140	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.5		77 - 126	108%	SPK: 20

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Report of Analysis

Client:	Kleinfelder	Date Collected:	12/26/24
Project:	Comegys School	Date Received:	12/26/24
Client Sample ID:	PIBLK-PL093525.D	SDG No.:	P5382
Lab Sample ID:	I.BLK-PL093525.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093525.D	1		12/26/24	p1122624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.0		43 - 140	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.7		77 - 126	108%	SPK: 20

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Comegys School	Date Received:	
Client Sample ID:	PB165844BS	SDG No.:	P5382
Lab Sample ID:	PB165844BS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093518.D	1	12/26/24 08:30	12/26/24 12:51	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	17.4		0.14	1.70	ug/kg
60-57-1	Dieldrin	18.7		0.15	1.70	ug/kg
72-55-9	4,4-DDE	18.6		0.13	1.70	ug/kg
72-54-8	4,4-DDD	19.2		0.19	1.70	ug/kg
50-29-3	4,4-DDT	20.1		0.17	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.9		10 - 148	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.9		10 - 159	105%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-3MS	SDG No.:	P5382
Lab Sample ID:	P5382-03MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093523.D	1	12/26/24 08:30	12/26/24 14:00	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	21.0		0.17	2.00	ug/kg
60-57-1	Dieldrin	22.4		0.18	2.00	ug/kg
72-55-9	4,4-DDE	22.4		0.16	2.00	ug/kg
72-54-8	4,4-DDD	22.7		0.23	2.00	ug/kg
50-29-3	4,4-DDT	24.0		0.20	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.8		10 - 148	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.7		10 - 159	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:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-3MSD	SDG No.:	P5382
Lab Sample ID:	P5382-03MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093524.D	1	12/26/24 08:30	12/26/24 14:13	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	20.6		0.17	2.10	ug/kg
60-57-1	Dieldrin	22.0		0.18	2.10	ug/kg
72-55-9	4,4-DDE	22.0		0.16	2.10	ug/kg
72-54-8	4,4-DDD	22.4		0.23	2.10	ug/kg
50-29-3	4,4-DDT	23.4		0.21	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.4		10 - 148	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.7		10 - 159	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



CALIBRATION SUMMARY

A
B
C
D
E
F
G
H

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

[illegible]

A
B
C
D
E
F
G
H

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Instrument ID: ECD_L **Calibration Date(s):** 12/23/2024 12/23/2024
Calibration Times: 13:15 14:09

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

LAB FILE ID:		CF 100 = <u>PL093484.D</u>		CF 075 = <u>PL093485.D</u>			
CF 050 = <u>PL093486.D</u>		CF 025 = <u>PL093487.D</u>		CF 005 = <u>PL093488.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1621940000	1601100000	1685020000	1757890000	2113830000	1755960000	12
4,4'-DDE	2097720000	2040360000	2142990000	2234520000	2703690000	2243860000	12
4,4'-DDT	1736630000	1688550000	1784110000	1855870000	2177460000	1848520000	10
Aldrin	2739480000	2644310000	2770490000	2873720000	3516330000	2908860000	12
Decachlorobiphenyl	1661260000	1649170000	1775440000	1867730000	2291490000	1849020000	14
Dieldrin	2323630000	2259870000	2374580000	2480210000	3037140000	2495090000	13
Tetrachloro-m-xylene	2318290000	2256280000	2391520000	2493110000	2919250000	2475690000	11

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Instrument ID: ECD_L **Calibration Date(s):** 12/23/2024 12/23/2024
Calibration Times: 13:15 14:09

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

LAB FILE ID:		CF 100 = <u>PL093484.D</u>		CF 075 = <u>PL093485.D</u>			
CF 050 = <u>PL093486.D</u>		CF 025 = <u>PL093487.D</u>		CF 005 = <u>PL093488.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2969360000	2852140000	2831690000	2714170000	2783370000	2830150000	3
4,4'-DDE	3832650000	3639420000	3656470000	3546590000	3711090000	3677240000	3
4,4'-DDT	3215060000	3041820000	3039820000	2905500000	2899310000	3020300000	4
Aldrin	4345680000	4106320000	4115460000	3936670000	4007300000	4102290000	4
Decachlorobiphenyl	2956580000	2818470000	2885080000	2902790000	3366620000	2985910000	7
Dieldrin	4043510000	3835610000	3838300000	3694190000	3857790000	3853880000	3
Tetrachloro-m-xylene	2947220000	2813690000	2902100000	2859340000	3033640000	2911200000	3

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG NO.: P5382

Continuing Calib Date: 12/26/2024 Initial Calibration Date(s): 12/23/2024 12/23/2024

Continuing Calib Time: 12:07 Initial Calibration Time(s): 13:15 14:09

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.55	3.54	3.44	3.64	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
4,4'-DDD	6.72	6.71	6.61	6.81	-0.01
4,4'-DDT	7.03	7.03	6.93	7.13	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG NO.: P5382

Continuing Calib Date: 12/26/2024 Initial Calibration Date(s): 12/23/2024 12/23/2024

Continuing Calib Time: 12:07 Initial Calibration Time(s): 13:15 14:09

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.91	7.81	8.01	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Dieldrin	5.37	5.36	5.26	5.46	-0.01
4,4'-DDE	5.24	5.23	5.13	5.33	-0.01
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG NO.: P5382

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/23/2024 12/23/2024

Client Sample No.: CCAL01 Date Analyzed: 12/26/2024

Lab Sample No.: PSTDCCC050 Data File : PL093516.D Time Analyzed: 12:07

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.719	6.611	6.811	52.470	50.000	4.9
4,4'-DDE	6.202	6.094	6.294	53.250	50.000	6.5
4,4'-DDT	7.033	6.925	7.125	55.070	50.000	10.1
Aldrin	5.267	5.159	5.359	52.220	50.000	4.4
Decachlorobiphenyl	9.065	8.956	9.156	54.640	50.000	9.3
Dieldrin	6.354	6.246	6.446	53.020	50.000	6.0
Tetrachloro-m-xylene	3.548	3.442	3.642	50.880	50.000	1.8

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG NO.: P5382

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/23/2024 12/23/2024

Client Sample No.: CCAL01 Date Analyzed: 12/26/2024

Lab Sample No.: PSTDCCC050 Data File : PL093516.D Time Analyzed: 12:07

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.789	5.688	5.888	56.140	50.000	12.3
4,4'-DDE	5.235	5.133	5.333	53.970	50.000	7.9
4,4'-DDT	6.040	5.937	6.137	58.000	50.000	16.0
Aldrin	4.229	4.128	4.328	52.000	50.000	4.0
Decachlorobiphenyl	7.915	7.812	8.012	57.100	50.000	14.2
Dieldrin	5.366	5.264	5.464	51.400	50.000	2.8
Tetrachloro-m-xylene	2.777	2.677	2.877	50.790	50.000	1.6

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG NO.: P5382

Continuing Calib Date: 12/26/2024 Initial Calibration Date(s): 12/23/2024 12/23/2024

Continuing Calib Time: 14:49 Initial Calibration Time(s): 13:15 14:09

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
4,4'-DDT	7.02	7.03	6.93	7.13	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG NO.: P5382

Continuing Calib Date: 12/26/2024 Initial Calibration Date(s): 12/23/2024 12/23/2024

Continuing Calib Time: 14:49 Initial Calibration Time(s): 13:15 14:09

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.91	7.91	7.81	8.01	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Dieldrin	5.36	5.36	5.26	5.46	0.00
4,4'-DDE	5.23	5.23	5.13	5.33	0.00
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG NO.: P5382

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/23/2024 12/23/2024

Client Sample No.: CCAL02 Date Analyzed: 12/26/2024

Lab Sample No.: PSTDCCC050 Data File : PL093526.D Time Analyzed: 14:49

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.711	6.611	6.811	54.250	50.000	8.5
4,4'-DDE	6.194	6.094	6.294	53.270	50.000	6.5
4,4'-DDT	7.024	6.925	7.125	54.770	50.000	9.5
Aldrin	5.259	5.159	5.359	52.070	50.000	4.1
Decachlorobiphenyl	9.056	8.956	9.156	52.190	50.000	4.4
Dieldrin	6.345	6.246	6.446	52.070	50.000	4.1
Tetrachloro-m-xylene	3.540	3.442	3.642	51.770	50.000	3.5

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG NO.: P5382

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/23/2024 12/23/2024

Client Sample No.: CCAL02 Date Analyzed: 12/26/2024

Lab Sample No.: PSTDCCC050 Data File : PL093526.D Time Analyzed: 14:49

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.787	5.688	5.888	56.180	50.000	12.4
4,4'-DDE	5.232	5.133	5.333	54.560	50.000	9.1
4,4'-DDT	6.037	5.937	6.137	56.650	50.000	13.3
Aldrin	4.227	4.128	4.328	54.060	50.000	8.1
Decachlorobiphenyl	7.912	7.812	8.012	54.840	50.000	9.7
Dieldrin	5.363	5.264	5.464	53.810	50.000	7.6
Tetrachloro-m-xylene	2.775	2.677	2.877	52.820	50.000	5.6

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **POWE02**

Lab Code: **CHEM** Case No.: **P5382** SAS No.: **P5382** SDG NO.: **P5382**

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **12/23/2024** **12/23/2024**

Client Sample No. (PEM): **PEM - PL093482.D** Date Analyzed: **12/23/2024**

Lab Sample No.(PEM): **PEM** Time Analyzed: **12:47**

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.054	8.950	9.150	19.460	20.000	-2.7
Tetrachloro-m-xylene	3.541	3.490	3.590	19.200	20.000	-4.0
alpha-BHC	3.997	3.950	4.050	9.900	10.000	-1.0
beta-BHC	4.528	4.480	4.580	9.800	10.000	-2.0
gamma-BHC (Lindane)	4.329	4.280	4.380	9.720	10.000	-2.8
Endrin	6.575	6.500	6.650	42.660	50.000	-14.7
4,4'-DDT	7.025	6.950	7.100	85.450	100.000	-14.6
Methoxychlor	7.501	7.430	7.570	195.970	250.000	-21.6

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **12/23/2024** **12/23/2024**

Client Sample No. (PEM): **PEM - PL093482.D** Date Analyzed: **12/23/2024**

Lab Sample No.(PEM): **PEM** Time Analyzed: **12:47**

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.912	7.810	8.010	18.580	20.000	-7.1
Tetrachloro-m-xylene	2.777	2.730	2.830	18.650	20.000	-6.8
alpha-BHC	3.280	3.230	3.330	8.850	10.000	-11.5
beta-BHC	3.910	3.860	3.960	9.830	10.000	-1.7
gamma-BHC (Lindane)	3.609	3.560	3.660	8.480	10.000	-15.2
Endrin	5.639	5.570	5.710	44.360	50.000	-11.3
4,4'-DDT	6.038	5.970	6.110	99.160	100.000	-0.8
Methoxychlor	6.612	6.540	6.680	219.190	250.000	-12.3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **POWE02**

Lab Code: **CHEM** Case No.: **P5382** SAS No.: **P5382** SDG NO.: **P5382**

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **12/23/2024** **12/23/2024**

Client Sample No. (PEM): **PEM - PL093515.D** Date Analyzed: **12/26/2024**

Lab Sample No.(PEM): **PEM** Time Analyzed: **11:22**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.055	8.950	9.160	23.450	20.000	17.3
Tetrachloro-m-xylene	3.539	3.490	3.590	21.970	20.000	9.9
alpha-BHC	3.994	3.940	4.040	11.630	10.000	16.3
beta-BHC	4.526	4.480	4.580	12.130	10.000	21.3
gamma-BHC (Lindane)	4.327	4.280	4.380	11.400	10.000	14.0
Endrin	6.575	6.500	6.650	50.530	50.000	1.1
4,4'-DDT	7.025	6.950	7.100	104.030	100.000	4.0
Methoxychlor	7.501	7.430	7.570	238.050	250.000	-4.8

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **12/23/2024** **12/23/2024**

Client Sample No. (PEM): **PEM - PL093515.D** Date Analyzed: **12/26/2024**

Lab Sample No.(PEM): **PEM** Time Analyzed: **11:22**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.912	7.810	8.010	23.130	20.000	15.7
Tetrachloro-m-xylene	2.774	2.720	2.820	20.250	20.000	1.3
alpha-BHC	3.277	3.230	3.330	9.970	10.000	-0.3
beta-BHC	3.908	3.860	3.960	10.990	10.000	9.9
gamma-BHC (Lindane)	3.607	3.560	3.660	9.630	10.000	-3.7
Endrin	5.638	5.570	5.710	51.930	50.000	3.9
4,4'-DDT	6.037	5.970	6.110	117.700	100.000	17.7
Methoxychlor	6.612	6.540	6.680	261.100	250.000	4.4

Analytical Sequence

Client: Kleinfelder	SDG No.: P5382
Project: Comegys School	Instrument ID: ECD_L
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 12/23/2024 12/23/2024

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	12/23/2024	12:34	PL093481.D	9.06	3.54
PEM	PEM	12/23/2024	12:47	PL093482.D	9.05	3.54
RESCHK	RESCHK	12/23/2024	13:01	PL093483.D	9.06	3.54
PSTDICCC100	PSTDICCC100	12/23/2024	13:15	PL093484.D	9.06	3.54
PSTDICCC075	PSTDICCC075	12/23/2024	13:28	PL093485.D	9.06	3.54
PSTDICCC050	PSTDICCC050	12/23/2024	13:42	PL093486.D	9.06	3.54
PSTDICCC025	PSTDICCC025	12/23/2024	13:55	PL093487.D	9.05	3.54
PSTDICCC005	PSTDICCC005	12/23/2024	14:09	PL093488.D	9.05	3.54
PCHLORICC500	PCHLORICC500	12/23/2024	14:50	PL093491.D	9.06	3.54
PTOXICC500	PTOXICC500	12/23/2024	15:58	PL093496.D	9.06	3.54
IBLK	IBLK	12/26/2024	11:08	PL093514.D	9.06	3.54
PEM	PEM	12/26/2024	11:22	PL093515.D	9.06	3.54
PSTDCCC050	PSTDCCC050	12/26/2024	12:07	PL093516.D	9.07	3.55
PB165844BL	PB165844BL	12/26/2024	12:38	PL093517.D	9.06	3.55
PB165844BS	PB165844BS	12/26/2024	12:51	PL093518.D	9.06	3.54
COMP-1	P5382-01	12/26/2024	13:19	PL093520.D	9.05	3.54
COMP-2	P5382-02	12/26/2024	13:33	PL093521.D	9.05	3.54
COMP-3	P5382-03	12/26/2024	13:46	PL093522.D	9.05	3.54
COMP-3MS	P5382-03MS	12/26/2024	14:00	PL093523.D	9.05	3.54
COMP-3MSD	P5382-03MSD	12/26/2024	14:13	PL093524.D	9.05	3.54
IBLK	IBLK	12/26/2024	14:36	PL093525.D	9.06	3.55
PSTDCCC050	PSTDCCC050	12/26/2024	14:49	PL093526.D	9.06	3.54

Analytical Sequence

Client: Kleinfelder	SDG No.: P5382
Project: Comegys School	Instrument ID: ECD_L
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 12/23/2024 12/23/2024

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	12/23/2024	12:34	PL093481.D	7.91	2.78
PEM	PEM	12/23/2024	12:47	PL093482.D	7.91	2.78
RESCHK	RESCHK	12/23/2024	13:01	PL093483.D	7.91	2.78
PSTDICC100	PSTDICC100	12/23/2024	13:15	PL093484.D	7.91	2.78
PSTDICC075	PSTDICC075	12/23/2024	13:28	PL093485.D	7.91	2.78
PSTDICC050	PSTDICC050	12/23/2024	13:42	PL093486.D	7.91	2.78
PSTDICC025	PSTDICC025	12/23/2024	13:55	PL093487.D	7.91	2.78
PSTDICC005	PSTDICC005	12/23/2024	14:09	PL093488.D	7.91	2.78
PCHLORICC500	PCHLORICC500	12/23/2024	14:50	PL093491.D	7.91	2.78
PTOXICC500	PTOXICC500	12/23/2024	15:58	PL093496.D	7.91	2.78
IBLK	IBLK	12/26/2024	11:08	PL093514.D	7.91	2.77
PEM	PEM	12/26/2024	11:22	PL093515.D	7.91	2.77
PSTDCCC050	PSTDCCC050	12/26/2024	12:07	PL093516.D	7.92	2.78
PB165844BL	PB165844BL	12/26/2024	12:38	PL093517.D	7.92	2.78
PB165844BS	PB165844BS	12/26/2024	12:51	PL093518.D	7.91	2.78
COMP-1	P5382-01	12/26/2024	13:19	PL093520.D	7.91	2.77
COMP-2	P5382-02	12/26/2024	13:33	PL093521.D	7.91	2.77
COMP-3	P5382-03	12/26/2024	13:46	PL093522.D	7.91	2.77
COMP-3MS	P5382-03MS	12/26/2024	14:00	PL093523.D	7.91	2.77
COMP-3MSD	P5382-03MSD	12/26/2024	14:13	PL093524.D	7.91	2.77
IBLK	IBLK	12/26/2024	14:36	PL093525.D	7.92	2.78
PSTDCCC050	PSTDCCC050	12/26/2024	14:49	PL093526.D	7.91	2.78

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-3MS

Contract: POWE02

Lab Code: CHEM Case No.: P5382

SAS No.: P5382 SDG NO.: P5382

Lab Sample ID: P5382-03MS

Date(s) Analyzed: 12/26/2024 12/26/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	22.7	0.4
	2	5.79	5.74	5.84	22.6	
4,4'-DDE	1	6.19	6.14	6.24	21.0	6.5
	2	5.23	5.18	5.28	22.4	
4,4'-DDT	1	7.02	6.97	7.07	23.4	2.5
	2	6.04	5.99	6.09	24.0	
Aldrin	1	5.26	5.21	5.31	20.5	2.4
	2	4.23	4.18	4.28	21.0	
Dieldrin	1	6.34	6.29	6.39	21.4	4.6
	2	5.36	5.31	5.41	22.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-3MSD

Contract: POWE02

Lab Code: CHEM Case No.: P5382

SAS No.: P5382 SDG NO.: P5382

Lab Sample ID: P5382-03MSD

Date(s) Analyzed: 12/26/2024 12/26/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	22.4	0.9
	2	5.79	5.74	5.84	22.2	
4,4'-DDT	1	7.02	6.97	7.07	23.0	1.7
	2	6.04	5.99	6.09	23.4	
Aldrin	1	5.26	5.21	5.31	20.3	1.5
	2	4.23	4.18	4.28	20.6	
4,4'-DDE	1	6.19	6.14	6.24	20.8	5.6
	2	5.23	5.18	5.28	22.0	
Dieldrin	1	6.35	6.30	6.40	21.1	4.2
	2	5.36	5.31	5.41	22.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB165844BS

Contract: POWE02

Lab Code: CHEM

Case No.: P5382

SAS No.: P5382

SDG NO.: P5382

Lab Sample ID: PB165844BS

Date(s) Analyzed: 12/26/2024

12/26/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	18.8	2.1
	2	5.79	5.74	5.84	19.2	
4,4'-DDT	1	7.03	6.98	7.08	19.7	2
	2	6.04	5.99	6.09	20.1	
Aldrin	1	5.26	5.21	5.31	17.3	0.6
	2	4.23	4.18	4.28	17.4	
4,4'-DDE	1	6.19	6.14	6.24	18.4	1.1
	2	5.23	5.18	5.28	18.6	
Dieldrin	1	6.35	6.30	6.40	18.3	2.2
	2	5.36	5.31	5.41	18.7	