

LAB CHRONICLE

OrderID:	P4474	OrderDate:	10/21/2024 3:19:00 PM
Client:	Yannuzzi Group, Inc.	Project:	86 Davidson Road, Piscataway, NJ
Contact:	Rafael Nunez	Location:	K61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4474-01	TS-2	SOIL			10/18/24			10/21/24
			PCB	8082A		10/22/24	10/22/24	
			Pesticide-TCL	8081B		10/22/24	10/23/24	
			TPH GC	8015D		10/22/24	10/22/24	



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

Hit Summary Sheet
SW-846

SDG No.: P4474

Order ID: P4474

Client: Yannuzzi Group, Inc.

Project ID: 86 Davidson Road, Piscataway, NJ

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



SAMPLE DATA

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	10/18/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/21/24	
Client Sample ID:	TS-2		SDG No.:	P4474	
Lab Sample ID:	P4474-01		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	48.2	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092557.D	1	10/22/24 10:10	10/23/24 14:01	PB164311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.37	U	0.37	3.50	ug/kg
319-85-7	beta-BHC	1.00	U	1.00	3.50	ug/kg
319-86-8	delta-BHC	0.97	U	0.97	3.50	ug/kg
58-89-9	gamma-BHC (Lindane)	0.39	U	0.39	3.50	ug/kg
76-44-8	Heptachlor	0.35	U	0.35	3.50	ug/kg
309-00-2	Aldrin	0.29	U	0.29	3.50	ug/kg
1024-57-3	Heptachlor epoxide	0.48	U	0.48	3.50	ug/kg
959-98-8	Endosulfan I	0.35	U	0.35	3.50	ug/kg
60-57-1	Dieldrin	0.31	U	0.31	3.50	ug/kg
72-55-9	4,4-DDE	0.27	U	0.27	3.50	ug/kg
72-20-8	Endrin	0.33	U	0.33	3.50	ug/kg
33213-65-9	Endosulfan II	0.62	U	0.62	3.50	ug/kg
72-54-8	4,4-DDD	0.39	U	0.39	3.50	ug/kg
1031-07-8	Endosulfan Sulfate	0.27	U	0.27	3.50	ug/kg
50-29-3	4,4-DDT	0.35	U	0.35	3.50	ug/kg
72-43-5	Methoxychlor	0.79	U	0.79	3.50	ug/kg
53494-70-5	Endrin ketone	0.46	U	0.46	3.50	ug/kg
7421-93-4	Endrin aldehyde	0.81	U	0.81	3.50	ug/kg
5103-71-9	alpha-Chlordane	0.35	U	0.35	3.50	ug/kg
5103-74-2	gamma-Chlordane	0.39	U	0.39	3.50	ug/kg
8001-35-2	Toxaphene	10.8	U	10.8	68.4	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	10.9		30 (10) - 150 (148)	54%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.8		30 (10) - 150 (159)	69%	SPK: 20

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	10/18/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/21/24	
Client Sample ID:	TS-2		SDG No.:	P4474	
Lab Sample ID:	P4474-01		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	48.2	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092557.D	1	10/22/24 10:10	10/23/24 14:01	PB164311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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.: **P4474**

Client: **Yannuzzi Group, Inc.**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PL092494.D	PIBLK-PL092494.D	Decachlorobiphenyl	1	20	21.5	107		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	22.0	110		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.4	107		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.0	100		30 (77)	150 (126)
I.BLK-PL092551.D	PIBLK-PL092551.D	Decachlorobiphenyl	1	20	20.1	100		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.2	96		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.6	108		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.1	101		30 (77)	150 (126)
PB164311BL	PB164311BL	Decachlorobiphenyl	1	20	17.4	87		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	16.3	81		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	19.5	97		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	17.3	86		30 (10)	150 (159)
PB164311BS	PB164311BS	Decachlorobiphenyl	1	20	19.4	97		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	17.7	89		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	21.9	110		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	18.5	92		30 (10)	150 (159)
P4474-01	TS-2	Decachlorobiphenyl	1	20	9.49	47		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	12.2	61		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	10.9	54		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	13.8	69		30 (10)	150 (159)
I.BLK-PL092566.D	PIBLK-PL092566.D	Decachlorobiphenyl	1	20	20.5	103		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.5	98		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	22.6	113		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.5	102		30 (77)	150 (126)
I.BLK-PL092589.D	PIBLK-PL092589.D	Decachlorobiphenyl	1	20	21.0	105		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	20.0	100		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	23.3	116		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.0	105		30 (77)	150 (126)
P4472-01MS	BP-F-28MS	Decachlorobiphenyl	1	20	18.8	94		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	13.4	67		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	16.6	83		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	14.5	72		30 (10)	150 (159)
P4472-01MSD	BP-F-28MSD	Decachlorobiphenyl	1	20	18.1	91		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	13.3	67		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	17.8	89		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	14.6	73		30 (10)	150 (159)
I.BLK-PL092612.D	PIBLK-PL092612.D	Decachlorobiphenyl	1	20	22.3	111		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	21.4	107		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	23.4	117		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	22.1	111		30 (77)	150 (126)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4474

Client: Yannuzzi Group, Inc.

Analytical Method: 8081B

DataFile : PL092595.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	RPD		Limits	RPD
			Result	Result			Qual	RPD		
Client Sample ID: P4472-01MS	BP-F-28MS									
	alpha-BHC	18.56	0	11.2	ug/kg	60			30 (60)	150 (144)
	beta-BHC	18.56	0	12.4	ug/kg	67			30 (54)	150 (143)
	delta-BHC	18.56	0	12.0	ug/kg	65			30 (47)	150 (144)
	gamma-BHC (Lindane)	18.56	0	12.3	ug/kg	66			30 (61)	150 (140)
	Heptachlor	18.56	0	12.8	ug/kg	69			30 (63)	150 (135)
	Aldrin	18.56	0	12.5	ug/kg	67			30 (49)	150 (139)
	Heptachlor epoxide	18.56	0	13.6	ug/kg	73			30 (32)	150 (180)
	Endosulfan I	18.56	0	13.7	ug/kg	74			30 (56)	150 (142)
	Dieldrin	18.56	0	13.6	ug/kg	73			30 (47)	150 (161)
	4,4'-DDE	18.56	0	13.1	ug/kg	71			30 (55)	150 (136)
	Endrin	18.56	0	15.1	ug/kg	81			30 (57)	150 (139)
	Endosulfan II	18.56	0	15.0	ug/kg	81			30 (40)	150 (163)
	4,4'-DDD	18.56	0	14.1	ug/kg	76			30 (37)	150 (192)
	Endosulfan sulfate	18.56	0	14.4	ug/kg	78			30 (62)	150 (139)
	4,4'-DDT	18.56	0	14.7	ug/kg	79			30 (51)	150 (146)
	Methoxychlor	18.56	0	16.6	ug/kg	89			30 (54)	150 (136)
	Endrin ketone	18.56	0	14.6	ug/kg	79			30 (60)	150 (129)
	Endrin aldehyde	18.56	0	14.0	ug/kg	75			30 (59)	150 (132)
	alpha-Chlordane	18.56	0	14.1	ug/kg	76			30 (30)	150 (192)
	gamma-Chlordane	18.56	0	14.5	ug/kg	78			30 (44)	150 (175)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4474

Client: Yannuzzi Group, Inc.

Analytical Method: 8081B

DataFile : PL092596.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	RPD		Limits	RPD
			Result	Result			Qual	Qual	High	
Client Sample ID: P4472-01MSD	BP-F-28MSD									
	alpha-BHC	18.54	0	11.5	ug/kg	62			30 (60)	150 (144) 30 (20)
	beta-BHC	18.54	0	12.3	ug/kg	66			30 (54)	150 (143) 30 (20)
	delta-BHC	18.54	0	11.5	ug/kg	62			30 (47)	150 (144) 30 (20)
	gamma-BHC (Lindane)	18.54	0	12.3	ug/kg	66			30 (61)	150 (140) 30 (20)
	Heptachlor	18.54	0	12.9	ug/kg	70			30 (63)	150 (135) 30 (20)
	Aldrin	18.54	0	12.5	ug/kg	67			30 (49)	150 (139) 30 (20)
	Heptachlor epoxide	18.54	0	14.1	ug/kg	76			30 (32)	150 (180) 30 (20)
	Endosulfan I	18.54	0	14.8	ug/kg	80			30 (56)	150 (142) 30 (20)
	Dieldrin	18.54	0	13.8	ug/kg	74			30 (47)	150 (161) 30 (20)
	4,4'-DDE	18.54	0	13.1	ug/kg	71			30 (55)	150 (136) 30 (20)
	Endrin	18.54	0	15.0	ug/kg	81			30 (57)	150 (139) 30 (20)
	Endosulfan II	18.54	0	15.5	ug/kg	84			30 (40)	150 (163) 30 (20)
	4,4'-DDD	18.54	0	15.0	ug/kg	81			30 (37)	150 (192) 30 (20)
	Endosulfan sulfate	18.54	0	15.1	ug/kg	81			30 (62)	150 (139) 30 (20)
	4,4'-DDT	18.54	0	15.6	ug/kg	84			30 (51)	150 (146) 30 (20)
	Methoxychlor	18.54	0	17.1	ug/kg	92			30 (54)	150 (136) 30 (20)
	Endrin ketone	18.54	0	15.8	ug/kg	85			30 (60)	150 (129) 30 (20)
	Endrin aldehyde	18.54	0	14.9	ug/kg	80			30 (59)	150 (132) 30 (20)
	alpha-Chlordane	18.54	0	14.4	ug/kg	78			30 (30)	150 (192) 30 (20)
	gamma-Chlordane	18.54	0	14.9	ug/kg	80			30 (44)	150 (175) 30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4474

Client: Yannuzzi Group, Inc.

Analytical Method: **8081B**

Datafile : PL092555.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164311BS	alpha-BHC	16.66	16.7	ug/kg	100				40 (84)	140 (123)	
	beta-BHC	16.66	17.1	ug/kg	103				40 (82)	140 (123)	
	delta-BHC	16.66	16.8	ug/kg	101				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.66	16.9	ug/kg	101				40 (83)	140 (125)	
	Heptachlor	16.66	17.2	ug/kg	103				40 (83)	140 (122)	
	Aldrin	16.66	17.2	ug/kg	103				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	17.9	ug/kg	107				40 (83)	140 (120)	
	Endosulfan I	16.66	18.1	ug/kg	109				40 (81)	140 (124)	
	Dieldrin	16.66	17.3	ug/kg	104				40 (85)	140 (121)	
	4,4'-DDE	16.66	17.3	ug/kg	104				40 (81)	140 (123)	
	Endrin	16.66	16.5	ug/kg	99				40 (76)	140 (130)	
	Endosulfan II	16.66	17.1	ug/kg	103				40 (80)	140 (125)	
	4,4'-DDD	16.66	17.3	ug/kg	104				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	17.1	ug/kg	103				40 (81)	140 (122)	
	4,4'-DDT	16.66	15.9	ug/kg	95				40 (70)	140 (129)	
	Methoxychlor	16.66	17.4	ug/kg	104				40 (60)	140 (119)	
	Endrin ketone	16.66	18.3	ug/kg	110				40 (77)	140 (132)	
	Endrin aldehyde	16.66	17.6	ug/kg	106				40 (79)	140 (124)	
	alpha-Chlordane	16.66	17.6	ug/kg	106				40 (84)	140 (120)	
	gamma-Chlordane	16.66	17.2	ug/kg	103				40 (83)	140 (122)	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164311BL

Lab Name: CHEMTECH

Contract: YANN01

Lab Code: CHEM Case No.: P4474

SAS No.: P4474 SDG NO.: P4474

Lab Sample ID: PB164311BL

Lab File ID: PL092554.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/22/2024

Date Analyzed (1): 10/23/2024

Date Analyzed (2): 10/23/2024

Time Analyzed (1): 09:52

Time Analyzed (2): 09:52

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

GC Column (2): ZB-MR1 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
PB164311BS	PB164311BS	PL092555.D	10/23/2024	10/23/2024
TS-2	P4474-01	PL092557.D	10/23/2024	10/23/2024
BP-F-28MS	P4472-01MS	PL092595.D	10/24/2024	10/24/2024
BP-F-28MSD	P4472-01MSD	PL092596.D	10/24/2024	10/24/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:		
Project:	86 Davidson Road, Piscataway, NJ		Date Received:		
Client Sample ID:	PB164311BL		SDG No.:	P4474	
Lab Sample ID:	PB164311BL		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092554.D	1	10/22/24 10:10	10/23/24 09:52	PB164311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.49	U	0.49	1.70	ug/kg
319-86-8	delta-BHC	0.47	U	0.47	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	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
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.30	U	0.30	1.70	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.38	U	0.38	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.39	U	0.39	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.20	U	5.20	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		30 (10) - 150 (148)	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.3		30 (10) - 150 (159)	86%	SPK: 20

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:		
Project:	86 Davidson Road, Piscataway, NJ		Date Received:		
Client Sample ID:	PB164311BL		SDG No.:	P4474	
Lab Sample ID:	PB164311BL		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092554.D	1	10/22/24 10:10	10/23/24 09:52	PB164311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Yannuzzi Group, Inc.		Date Collected:	10/21/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/21/24	
Client Sample ID:	PIBLK-PL092494.D		SDG No.:	P4474	
Lab Sample ID:	I.BLK-PL092494.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092494.D	1		10/21/24	PL102124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	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
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.5		30 (43) - 150 (140)	107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.0		30 (77) - 150 (126)	110%	SPK: 20

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	10/21/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/21/24	
Client Sample ID:	PIBLK-PL092494.D		SDG No.:	P4474	
Lab Sample ID:	I.BLK-PL092494.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092494.D	1		10/21/24	PL102124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Yannuzzi Group, Inc.		Date Collected:	10/23/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/23/24	
Client Sample ID:	PIBLK-PL092551.D		SDG No.:	P4474	
Lab Sample ID:	I.BLK-PL092551.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092551.D	1		10/23/24	PL102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	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
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.6		30 (43) - 150 (140)	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		30 (77) - 150 (126)	101%	SPK: 20

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	10/23/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/23/24	
Client Sample ID:	PIBLK-PL092551.D		SDG No.:	P4474	
Lab Sample ID:	I.BLK-PL092551.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092551.D	1		10/23/24	PL102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Yannuzzi Group, Inc.		Date Collected:	10/23/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/23/24	
Client Sample ID:	PIBLK-PL092566.D		SDG No.:	P4474	
Lab Sample ID:	I.BLK-PL092566.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092566.D	1		10/23/24	PL102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	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
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.6		30 (43) - 150 (140)	113%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.5		30 (77) - 150 (126)	102%	SPK: 20

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	10/23/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/23/24	
Client Sample ID:	PIBLK-PL092566.D		SDG No.:	P4474	
Lab Sample ID:	I.BLK-PL092566.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092566.D	1		10/23/24	PL102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

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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:	Yannuzzi Group, Inc.		Date Collected:	10/24/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/24/24	
Client Sample ID:	PIBLK-PL092589.D		SDG No.:	P4474	
Lab Sample ID:	I.BLK-PL092589.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092589.D	1		10/24/24	PL102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	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
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.3		30 (43) - 150 (140)	116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		30 (77) - 150 (126)	105%	SPK: 20

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	10/24/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/24/24	
Client Sample ID:	PIBLK-PL092589.D		SDG No.:	P4474	
Lab Sample ID:	I.BLK-PL092589.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092589.D	1		10/24/24	PL102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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LOD = Limit of Detection

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = 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:	Yannuzzi Group, Inc.		Date Collected:	10/24/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/24/24	
Client Sample ID:	PIBLK-PL092612.D		SDG No.:	P4474	
Lab Sample ID:	I.BLK-PL092612.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092612.D	1		10/24/24	PL102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	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
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.4		30 (43) - 150 (140)	117%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		30 (77) - 150 (126)	111%	SPK: 20

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	10/24/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/24/24	
Client Sample ID:	PIBLK-PL092612.D		SDG No.:	P4474	
Lab Sample ID:	I.BLK-PL092612.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092612.D	1		10/24/24	PL102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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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:	Yannuzzi Group, Inc.		Date Collected:		
Project:	86 Davidson Road, Piscataway, NJ		Date Received:		
Client Sample ID:	PB164311BS		SDG No.:	P4474	
Lab Sample ID:	PB164311BS		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092555.D	1	10/22/24 10:10	10/23/24 13:33	PB164311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	16.7		0.18	1.70	ug/kg
319-85-7	beta-BHC	17.1		0.49	1.70	ug/kg
319-86-8	delta-BHC	16.8		0.47	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	16.9		0.19	1.70	ug/kg
76-44-8	Heptachlor	17.2		0.17	1.70	ug/kg
309-00-2	Aldrin	17.2		0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	17.9		0.23	1.70	ug/kg
959-98-8	Endosulfan I	18.1		0.17	1.70	ug/kg
60-57-1	Dieldrin	17.3		0.15	1.70	ug/kg
72-55-9	4,4-DDE	17.3		0.13	1.70	ug/kg
72-20-8	Endrin	16.5		0.16	1.70	ug/kg
33213-65-9	Endosulfan II	17.1		0.30	1.70	ug/kg
72-54-8	4,4-DDD	17.3		0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	17.1		0.13	1.70	ug/kg
50-29-3	4,4-DDT	15.9		0.17	1.70	ug/kg
72-43-5	Methoxychlor	17.4		0.38	1.70	ug/kg
53494-70-5	Endrin ketone	18.3		0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	17.6		0.39	1.70	ug/kg
5103-71-9	alpha-Chlordane	17.6		0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	17.2		0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.20	U	5.20	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.9		30 (10) - 150 (148)	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		30 (10) - 150 (159)	92%	SPK: 20

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:		
Project:	86 Davidson Road, Piscataway, NJ		Date Received:		
Client Sample ID:	PB164311BS		SDG No.:	P4474	
Lab Sample ID:	PB164311BS		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092555.D	1	10/22/24 10:10	10/23/24 13:33	PB164311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Yannuzzi Group, Inc.		Date Collected:	10/21/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/21/24	
Client Sample ID:	BP-F-28MS		SDG No.:	P4474	
Lab Sample ID:	P4472-01MS		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	89.7	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092595.D	1	10/22/24 10:10	10/24/24 11:35	PB164311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	11.2		0.20	1.90	ug/kg
319-85-7	beta-BHC	12.4		0.55	1.90	ug/kg
319-86-8	delta-BHC	12.0		0.52	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	12.3		0.21	1.90	ug/kg
76-44-8	Heptachlor	12.8		0.19	1.90	ug/kg
309-00-2	Aldrin	12.5		0.16	1.90	ug/kg
1024-57-3	Heptachlor epoxide	13.6		0.26	1.90	ug/kg
959-98-8	Endosulfan I	13.7		0.19	1.90	ug/kg
60-57-1	Dieldrin	13.6		0.17	1.90	ug/kg
72-55-9	4,4-DDE	13.1		0.14	1.90	ug/kg
72-20-8	Endrin	15.1		0.18	1.90	ug/kg
33213-65-9	Endosulfan II	15.0		0.33	1.90	ug/kg
72-54-8	4,4-DDD	14.1		0.21	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	14.4		0.14	1.90	ug/kg
50-29-3	4,4-DDT	14.7		0.19	1.90	ug/kg
72-43-5	Methoxychlor	16.6		0.42	1.90	ug/kg
53494-70-5	Endrin ketone	14.6		0.24	1.90	ug/kg
7421-93-4	Endrin aldehyde	14.0		0.43	1.90	ug/kg
5103-71-9	alpha-Chlordane	14.1		0.19	1.90	ug/kg
5103-74-2	gamma-Chlordane	14.5		0.21	1.90	ug/kg
8001-35-2	Toxaphene	5.80	U	5.80	36.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.8		30 (10) - 150 (148)	94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.5		30 (10) - 150 (159)	72%	SPK: 20

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	10/21/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/21/24	
Client Sample ID:	BP-F-28MS		SDG No.:	P4474	
Lab Sample ID:	P4472-01MS		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	89.7	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092595.D	1	10/22/24 10:10	10/24/24 11:35	PB164311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Yannuzzi Group, Inc.		Date Collected:	10/21/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/21/24	
Client Sample ID:	BP-F-28MSD		SDG No.:	P4474	
Lab Sample ID:	P4472-01MSD		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	89.7	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092596.D	1	10/22/24 10:10	10/24/24 11:49	PB164311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	11.5		0.20	1.90	ug/kg
319-85-7	beta-BHC	12.3		0.55	1.90	ug/kg
319-86-8	delta-BHC	11.5		0.52	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	12.3		0.21	1.90	ug/kg
76-44-8	Heptachlor	12.9		0.19	1.90	ug/kg
309-00-2	Aldrin	12.5		0.16	1.90	ug/kg
1024-57-3	Heptachlor epoxide	14.1		0.26	1.90	ug/kg
959-98-8	Endosulfan I	14.8		0.19	1.90	ug/kg
60-57-1	Dieldrin	13.8		0.17	1.90	ug/kg
72-55-9	4,4-DDE	13.1		0.14	1.90	ug/kg
72-20-8	Endrin	15.0		0.18	1.90	ug/kg
33213-65-9	Endosulfan II	15.5		0.33	1.90	ug/kg
72-54-8	4,4-DDD	15.0		0.21	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	15.1		0.14	1.90	ug/kg
50-29-3	4,4-DDT	15.6		0.19	1.90	ug/kg
72-43-5	Methoxychlor	17.1		0.42	1.90	ug/kg
53494-70-5	Endrin ketone	15.8		0.24	1.90	ug/kg
7421-93-4	Endrin aldehyde	14.9		0.43	1.90	ug/kg
5103-71-9	alpha-Chlordane	14.4		0.19	1.90	ug/kg
5103-74-2	gamma-Chlordane	14.9		0.21	1.90	ug/kg
8001-35-2	Toxaphene	5.80	U	5.80	36.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.1		30 (10) - 150 (148)	91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.6		30 (10) - 150 (159)	73%	SPK: 20

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	10/21/24	
Project:	86 Davidson Road, Piscataway, NJ		Date Received:	10/21/24	
Client Sample ID:	BP-F-28MSD		SDG No.:	P4474	
Lab Sample ID:	P4472-01MSD		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	89.7	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092596.D	1	10/22/24 10:10	10/24/24 11:49	PB164311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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-MR2 ID: 0.32 (mm)

[illegible]

A
B
C
D
E
F
G
H

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: YANN01

Lab Code: CHEM **Case No.:** P4474 **SAS No.:** P4474 **SDG NO.:** P4474

Instrument ID: ECD_L **Calibration Date(s):** 10/21/2024 10/21/2024
Calibration Times: 13:00 13:53

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

LAB FILE ID:		CF 100 =	PL092497.D	CF 075 =	PL092498.D		
CF 050 =		PL092499.D	CF 025 =	PL092500.D	CF 005 =	PL092501.D	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2246400000	2258620000	2360420000	2437540000	2776830000	2415960000	9
4,4'-DDE	2768040000	2811970000	2906870000	3034090000	3308610000	2965920000	7
4,4'-DDT	2351780000	2354700000	2458670000	2510620000	2654500000	2466050000	5
Aldrin	3357570000	3399600000	3527390000	3705500000	4403230000	3678660000	12
alpha-BHC	3880960000	3900500000	3985440000	4129150000	4710150000	4121240000	8
alpha-Chlordane	2934020000	3004180000	3127580000	3292340000	3923880000	3256400000	12
beta-BHC	1472550000	1485480000	1520550000	1582420000	1700650000	1552330000	6
Decachlorobiphenyl	1893630000	1911900000	1968460000	2071700000	2310050000	2031150000	8
delta-BHC	3526460000	3537730000	3645230000	3889220000	4211510000	3762030000	8
Dieldrin	2994540000	3035510000	3143820000	3281370000	3804200000	3251890000	10
Endosulfan I	2758780000	2810500000	2913200000	3062020000	3552420000	3019390000	11
Endosulfan II	2571530000	2607370000	2748580000	2960640000	3260790000	2829780000	10
Endosulfan sulfate	2304480000	2335740000	2443850000	2546180000	3002960000	2526640000	11
Endrin	2580620000	2625010000	2734790000	2924540000	3253750000	2823740000	10
Endrin aldehyde	1982870000	2003830000	2098670000	2187760000	2407240000	2136080000	8
Endrin ketone	2572770000	2595940000	2703400000	2798310000	3078670000	2749820000	7
gamma-BHC (Lindane)	3651940000	3672710000	3751070000	3836830000	4321280000	3846770000	7
gamma-Chlordane	2975150000	3046540000	3165110000	3319740000	3978350000	3296980000	12
Heptachlor	3266860000	3307900000	3429100000	3569740000	4155000000	3545720000	10
Heptachlor epoxide	3004670000	3040630000	3248410000	3443240000	3866730000	3320740000	11
Methoxychlor	1148350000	1158380000	1214430000	1185540000	1181850000	1177710000	2
Tetrachloro-m-xylene	2537390000	2552890000	2586960000	2724730000	3067200000	2693840000	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: YANN01

Lab Code: CHEM **Case No.:** P4474 **SAS No.:** P4474 **SDG NO.:** P4474

Instrument ID: ECD_L **Calibration Date(s):** 10/21/2024 10/21/2024
Calibration Times: 13:00 13:53

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

LAB FILE ID:		CF 100 = <u>PL092497.D</u>		CF 075 = <u>PL092498.D</u>			
CF 050 = <u>PL092499.D</u>		CF 025 = <u>PL092500.D</u>		CF 005 = <u>PL092501.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2693820000	2711750000	2763570000	2774490000	2947510000	2778230000	4
4,4'-DDE	3365970000	3350290000	3424050000	3426470000	3819900000	3477340000	6
4,4'-DDT	2876310000	2862890000	2900910000	2875360000	3169270000	2936950000	4
Aldrin	3902880000	3867350000	3920990000	3908110000	4278130000	3975490000	4
alpha-BHC	4282080000	4249760000	4259610000	4206610000	4577410000	4315100000	3
alpha-Chlordane	3453960000	3467250000	3481480000	3550810000	3816750000	3554050000	4
beta-BHC	1637290000	1631380000	1679350000	1708600000	2073140000	1745950000	11
Decachlorobiphenyl	2533020000	2508980000	2598990000	2640650000	2893220000	2634970000	6
delta-BHC	4115860000	4070010000	4108760000	4122660000	4613930000	4206240000	5
Dieldrin	3524630000	3511910000	3576190000	3612640000	4046390000	3654350000	6
Endosulfan I	3116470000	3138120000	3163890000	3197670000	3298980000	3183030000	2
Endosulfan II	2909510000	2958770000	3049780000	3070330000	3642720000	3126220000	9
Endosulfan sulfate	2760410000	2764670000	2816810000	2859720000	3579720000	2956270000	12
Endrin	3096230000	3113840000	3236910000	3364340000	3563230000	3274910000	6
Endrin aldehyde	2316790000	2330610000	2385350000	2437260000	2812750000	2456550000	8
Endrin ketone	3125230000	3132330000	3203190000	3221610000	3378350000	3212140000	3
gamma-BHC (Lindane)	4098710000	4055410000	4107080000	4122620000	4206290000	4118020000	1
gamma-Chlordane	3544140000	3552270000	3600750000	3641630000	4057250000	3679210000	6
Heptachlor	3908940000	3891170000	3959270000	3983440000	4335990000	4015760000	5
Heptachlor epoxide	3409250000	3412120000	3473550000	3502030000	3820750000	3523540000	5
Methoxychlor	1383990000	1380180000	1398790000	1408970000	1517400000	1417870000	4
Tetrachloro-m-xylene	2710240000	2704020000	2735270000	2751220000	2986460000	2777440000	4

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

Instrument ID: ECD_L Date(s) Analyzed: 10/21/2024 10/21/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.24	6.14	6.34	26646900
		2	6.44	6.34	6.54	15596100
		3	7.06	6.96	7.16	86692500
		4	7.15	7.05	7.25	69480900
		5	7.94	7.84	8.04	48743400

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

Instrument ID: ECD_L Date(s) Analyzed: 10/21/2024 10/21/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.01	4.91	5.11	24468000
		2	5.33	5.23	5.43	24010200
		3	6.61	6.51	6.71	70676500
		4	6.73	6.63	6.83	82521800
		5	7.05	6.95	7.15	83166000

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

Continuing Calib Date: 10/23/2024 Initial Calibration Date(s): 10/21/2024 10/21/2024

Continuing Calib Time: 09:38 Initial Calibration Time(s): 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.53	4.52	4.42	4.62	-0.01
delta-BHC	4.78	4.77	4.67	4.87	-0.01
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Endosulfan II	6.80	6.79	6.69	6.89	-0.01
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.65	7.64	7.54	7.74	-0.01
Endrin aldehyde	6.93	6.92	6.82	7.02	-0.01
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

Continuing Calib Date: 10/23/2024 Initial Calibration Date(s): 10/21/2024 10/21/2024

Continuing Calib Time: 09:38 Initial Calibration Time(s): 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.37	5.37	5.27	5.47	0.00
4,4'-DDE	5.24	5.23	5.13	5.33	-0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.94	5.94	5.84	6.04	0.00
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00
Endrin ketone	6.85	6.84	6.74	6.94	-0.01
Endrin aldehyde	6.12	6.12	6.02	6.22	0.00
alpha-Chlordane	5.05	5.05	4.95	5.15	0.00
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No.: CCAL01 Date Analyzed: 10/23/2024

Lab Sample No.: PSTDCCC050 Data File : PL092553.D Time Analyzed: 09:38

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.714	6.610	6.810	40.800	50.000	-18.4
4,4'-DDE	6.197	6.092	6.292	40.530	50.000	-18.9
4,4'-DDT	7.028	6.924	7.124	41.890	50.000	-16.2
Aldrin	5.262	5.157	5.357	42.120	50.000	-15.8
alpha-BHC	4.000	3.894	4.094	43.580	50.000	-12.8
alpha-Chlordane	6.023	5.918	6.118	41.670	50.000	-16.7
beta-BHC	4.530	4.424	4.624	47.670	50.000	-4.7
Decachlorobiphenyl	9.059	8.955	9.155	46.510	50.000	-7.0
delta-BHC	4.777	4.671	4.871	43.180	50.000	-13.6
Dieldrin	6.349	6.245	6.445	41.550	50.000	-16.9
Endosulfan I	6.074	5.969	6.169	42.320	50.000	-15.4
Endosulfan II	6.798	6.694	6.894	42.150	50.000	-15.7
Endosulfan sulfate	7.162	7.059	7.259	43.090	50.000	-13.8
Endrin	6.578	6.474	6.674	40.710	50.000	-18.6
Endrin aldehyde	6.929	6.824	7.024	44.410	50.000	-11.2
Endrin ketone	7.647	7.544	7.744	44.600	50.000	-10.8
gamma-BHC (Lindane)	4.332	4.227	4.427	44.680	50.000	-10.6
gamma-Chlordane	5.944	5.839	6.039	41.260	50.000	-17.5
Heptachlor	4.920	4.815	5.015	43.900	50.000	-12.2
Heptachlor epoxide	5.688	5.583	5.783	42.850	50.000	-14.3
Methoxychlor	7.503	7.400	7.600	47.120	50.000	-5.8
Tetrachloro-m-xylene	3.544	3.438	3.638	47.680	50.000	-4.6

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No.: CCAL01 Date Analyzed: 10/23/2024

Lab Sample No.: PSTDCCC050 Data File : PL092553.D Time Analyzed: 09:38

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.791	5.689	5.889	48.090	50.000	-3.8
4,4'-DDE	5.236	5.134	5.334	50.070	50.000	0.1
4,4'-DDT	6.042	5.940	6.140	48.800	50.000	-2.4
Aldrin	4.231	4.129	4.329	51.180	50.000	2.4
alpha-BHC	3.282	3.180	3.380	51.310	50.000	2.6
alpha-Chlordane	5.047	4.945	5.145	51.150	50.000	2.3
beta-BHC	3.912	3.810	4.010	50.120	50.000	0.2
Decachlorobiphenyl	7.918	7.817	8.017	53.940	50.000	7.9
delta-BHC	4.141	4.038	4.238	50.320	50.000	0.6
Dieldrin	5.368	5.266	5.466	50.010	50.000	0.0
Endosulfan I	5.104	5.001	5.201	52.390	50.000	4.8
Endosulfan II	5.938	5.836	6.036	49.220	50.000	-1.6
Endosulfan sulfate	6.340	6.238	6.438	48.750	50.000	-2.5
Endrin	5.643	5.541	5.741	49.320	50.000	-1.4
Endrin aldehyde	6.117	6.016	6.216	49.840	50.000	-0.3
Endrin ketone	6.846	6.744	6.944	50.950	50.000	1.9
gamma-BHC (Lindane)	3.612	3.510	3.710	51.860	50.000	3.7
gamma-Chlordane	4.984	4.881	5.081	49.950	50.000	-0.1
Heptachlor	3.951	3.849	4.049	51.880	50.000	3.8
Heptachlor epoxide	4.734	4.631	4.831	52.030	50.000	4.1
Methoxychlor	6.617	6.515	6.715	52.400	50.000	4.8
Tetrachloro-m-xylene	2.779	2.677	2.877	52.560	50.000	5.1

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

Continuing Calib Date: 10/23/2024 Initial Calibration Date(s): 10/21/2024 10/21/2024

Continuing Calib Time: 18:50 Initial Calibration Time(s): 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.53	4.52	4.42	4.62	-0.01
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
Endrin	6.58	6.57	6.47	6.67	0.00
Endosulfan II	6.80	6.79	6.69	6.89	-0.01
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.65	7.64	7.54	7.74	-0.01
Endrin aldehyde	6.93	6.92	6.82	7.02	-0.01
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

Continuing Calib Date: 10/23/2024 Initial Calibration Date(s): 10/21/2024 10/21/2024

Continuing Calib Time: 18:50 Initial Calibration Time(s): 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.37	5.37	5.27	5.47	0.00
4,4'-DDE	5.24	5.23	5.13	5.33	-0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.94	5.94	5.84	6.04	0.00
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00
Endrin ketone	6.85	6.84	6.74	6.94	-0.01
Endrin aldehyde	6.12	6.12	6.02	6.22	0.00
alpha-Chlordane	5.05	5.05	4.95	5.15	0.00
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No.: CCAL02 Date Analyzed: 10/23/2024

Lab Sample No.: PSTDCCC050 Data File : PL092568.D Time Analyzed: 18:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.712	6.610	6.810	44.460	50.000	-11.1
4,4'-DDE	6.195	6.092	6.292	42.160	50.000	-15.7
4,4'-DDT	7.026	6.924	7.124	40.150	50.000	-19.7
Aldrin	5.260	5.157	5.357	42.840	50.000	-14.3
alpha-BHC	3.997	3.894	4.094	44.420	50.000	-11.2
alpha-Chlordane	6.021	5.918	6.118	42.200	50.000	-15.6
beta-BHC	4.527	4.424	4.624	49.320	50.000	-1.4
Decachlorobiphenyl	9.057	8.955	9.155	48.570	50.000	-2.9
delta-BHC	4.774	4.671	4.871	45.030	50.000	-9.9
Dieldrin	6.347	6.245	6.445	42.280	50.000	-15.4
Endosulfan I	6.072	5.969	6.169	42.820	50.000	-14.4
Endosulfan II	6.797	6.694	6.894	42.620	50.000	-14.8
Endosulfan sulfate	7.161	7.059	7.259	44.330	50.000	-11.3
Endrin	6.575	6.474	6.674	40.190	50.000	-19.6
Endrin aldehyde	6.926	6.824	7.024	46.020	50.000	-8.0
Endrin ketone	7.646	7.544	7.744	46.770	50.000	-6.5
gamma-BHC (Lindane)	4.329	4.227	4.427	45.460	50.000	-9.1
gamma-Chlordane	5.942	5.839	6.039	41.860	50.000	-16.3
Heptachlor	4.918	4.815	5.015	42.990	50.000	-14.0
Heptachlor epoxide	5.685	5.583	5.783	43.650	50.000	-12.7
Methoxychlor	7.502	7.400	7.600	45.530	50.000	-8.9
Tetrachloro-m-xylene	3.541	3.438	3.638	48.380	50.000	-3.2

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No.: CCAL02 Date Analyzed: 10/23/2024

Lab Sample No.: PSTDCCC050 Data File : PL092568.D Time Analyzed: 18:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.791	5.689	5.889	53.520	50.000	7.0
4,4'-DDE	5.236	5.134	5.334	52.910	50.000	5.8
4,4'-DDT	6.041	5.940	6.140	45.110	50.000	-9.8
Aldrin	4.231	4.129	4.329	52.960	50.000	5.9
alpha-BHC	3.282	3.180	3.380	52.940	50.000	5.9
alpha-Chlordane	5.047	4.945	5.145	52.920	50.000	5.8
beta-BHC	3.912	3.810	4.010	52.490	50.000	5.0
Decachlorobiphenyl	7.918	7.817	8.017	55.780	50.000	11.6
delta-BHC	4.141	4.038	4.238	52.610	50.000	5.2
Dieldrin	5.368	5.266	5.466	51.790	50.000	3.6
Endosulfan I	5.103	5.001	5.201	54.230	50.000	8.5
Endosulfan II	5.937	5.836	6.036	50.330	50.000	0.7
Endosulfan sulfate	6.340	6.238	6.438	50.140	50.000	0.3
Endrin	5.643	5.541	5.741	48.850	50.000	-2.3
Endrin aldehyde	6.117	6.016	6.216	51.370	50.000	2.7
Endrin ketone	6.846	6.744	6.944	53.900	50.000	7.8
gamma-BHC (Lindane)	3.612	3.510	3.710	53.510	50.000	7.0
gamma-Chlordane	4.983	4.881	5.081	52.020	50.000	4.0
Heptachlor	3.951	3.849	4.049	51.110	50.000	2.2
Heptachlor epoxide	4.733	4.631	4.831	53.800	50.000	7.6
Methoxychlor	6.617	6.515	6.715	49.910	50.000	-0.2
Tetrachloro-m-xylene	2.780	2.677	2.877	54.330	50.000	8.7

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

Continuing Calib Date: 10/24/2024 Initial Calibration Date(s): 10/21/2024 10/21/2024

Continuing Calib Time: 10:19 Initial Calibration Time(s): 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.53	4.52	4.42	4.62	-0.01
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.58	6.57	6.47	6.67	-0.01
Endosulfan II	6.80	6.79	6.69	6.89	-0.01
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.65	7.64	7.54	7.74	-0.01
Endrin aldehyde	6.93	6.92	6.82	7.02	-0.01
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

Continuing Calib Date: 10/24/2024 Initial Calibration Date(s): 10/21/2024 10/21/2024

Continuing Calib Time: 10:19 Initial Calibration Time(s): 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.37	5.37	5.27	5.47	0.00
4,4'-DDE	5.24	5.23	5.13	5.33	-0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.94	5.94	5.84	6.04	0.00
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00
Endrin ketone	6.84	6.84	6.74	6.94	0.00
Endrin aldehyde	6.12	6.12	6.02	6.22	0.00
alpha-Chlordane	5.05	5.05	4.95	5.15	0.00
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No.: CCAL03 Date Analyzed: 10/24/2024

Lab Sample No.: PSTDCCC050 Data File : PL092591.D Time Analyzed: 10:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.712	6.610	6.810	44.540	50.000	-10.9
4,4'-DDE	6.194	6.092	6.292	44.570	50.000	-10.9
4,4'-DDT	7.025	6.924	7.124	46.760	50.000	-6.5
Aldrin	5.260	5.157	5.357	45.790	50.000	-8.4
alpha-BHC	3.997	3.894	4.094	47.920	50.000	-4.2
alpha-Chlordane	6.021	5.918	6.118	45.130	50.000	-9.7
beta-BHC	4.527	4.424	4.624	52.000	50.000	4.0
Decachlorobiphenyl	9.057	8.955	9.155	51.250	50.000	2.5
delta-BHC	4.774	4.671	4.871	46.560	50.000	-6.9
Dieldrin	6.347	6.245	6.445	45.190	50.000	-9.6
Endosulfan I	6.071	5.969	6.169	45.850	50.000	-8.3
Endosulfan II	6.795	6.694	6.894	46.080	50.000	-7.8
Endosulfan sulfate	7.160	7.059	7.259	46.660	50.000	-6.7
Endrin	6.576	6.474	6.674	44.700	50.000	-10.6
Endrin aldehyde	6.926	6.824	7.024	48.200	50.000	-3.6
Endrin ketone	7.646	7.544	7.744	48.360	50.000	-3.3
gamma-BHC (Lindane)	4.330	4.227	4.427	48.930	50.000	-2.1
gamma-Chlordane	5.942	5.839	6.039	44.680	50.000	-10.6
Heptachlor	4.918	4.815	5.015	47.520	50.000	-5.0
Heptachlor epoxide	5.684	5.583	5.783	46.660	50.000	-6.7
Methoxychlor	7.501	7.400	7.600	51.960	50.000	3.9
Tetrachloro-m-xylene	3.541	3.438	3.638	51.820	50.000	3.6

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No.: CCAL03 Date Analyzed: 10/24/2024

Lab Sample No.: PSTDCCC050 Data File : PL092591.D Time Analyzed: 10:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.790	5.689	5.889	53.360	50.000	6.7
4,4'-DDE	5.236	5.134	5.334	55.100	50.000	10.2
4,4'-DDT	6.041	5.940	6.140	53.570	50.000	7.1
Aldrin	4.231	4.129	4.329	55.170	50.000	10.3
alpha-BHC	3.282	3.180	3.380	56.270	50.000	12.5
alpha-Chlordane	5.047	4.945	5.145	54.760	50.000	9.5
beta-BHC	3.912	3.810	4.010	54.310	50.000	8.6
Decachlorobiphenyl	7.918	7.817	8.017	58.240	50.000	16.5
delta-BHC	4.141	4.038	4.238	55.000	50.000	10.0
Dieldrin	5.368	5.266	5.466	54.110	50.000	8.2
Endosulfan I	5.103	5.001	5.201	55.770	50.000	11.5
Endosulfan II	5.938	5.836	6.036	52.620	50.000	5.2
Endosulfan sulfate	6.340	6.238	6.438	55.470	50.000	10.9
Endrin	5.643	5.541	5.741	53.080	50.000	6.2
Endrin aldehyde	6.117	6.016	6.216	53.640	50.000	7.3
Endrin ketone	6.844	6.744	6.944	57.030	50.000	14.1
gamma-BHC (Lindane)	3.612	3.510	3.710	56.090	50.000	12.2
gamma-Chlordane	4.984	4.881	5.081	53.600	50.000	7.2
Heptachlor	3.951	3.849	4.049	56.020	50.000	12.0
Heptachlor epoxide	4.733	4.631	4.831	55.710	50.000	11.4
Methoxychlor	6.616	6.515	6.715	58.450	50.000	16.9
Tetrachloro-m-xylene	2.779	2.677	2.877	56.670	50.000	13.3

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

Continuing Calib Date: 10/24/2024 Initial Calibration Date(s): 10/21/2024 10/21/2024

Continuing Calib Time: 17:20 Initial Calibration Time(s): 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.55	3.54	3.44	3.64	-0.01
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.53	4.52	4.42	4.62	-0.01
delta-BHC	4.78	4.77	4.67	4.87	-0.01
gamma-BHC (Lindane)	4.34	4.33	4.23	4.43	-0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.08	6.07	5.97	6.17	-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
Endrin	6.58	6.57	6.47	6.67	-0.01
Endosulfan II	6.80	6.79	6.69	6.89	-0.01
4,4'-DDD	6.72	6.71	6.61	6.81	-0.01
Endosulfan sulfate	7.17	7.16	7.06	7.26	-0.01
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01
Methoxychlor	7.51	7.50	7.40	7.60	-0.01
Endrin ketone	7.65	7.64	7.54	7.74	-0.01
Endrin aldehyde	6.93	6.92	6.82	7.02	-0.01
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.94	5.84	6.04	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

Continuing Calib Date: 10/24/2024 Initial Calibration Date(s): 10/21/2024 10/21/2024

Continuing Calib Time: 17:20 Initial Calibration Time(s): 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.74	4.73	4.63	4.83	-0.01
Endosulfan I	5.11	5.10	5.00	5.20	-0.01
Dieldrin	5.37	5.37	5.27	5.47	0.00
4,4'-DDE	5.24	5.23	5.13	5.33	-0.01
Endrin	5.65	5.64	5.54	5.74	0.00
Endosulfan II	5.94	5.94	5.84	6.04	0.00
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00
Endrin ketone	6.85	6.84	6.74	6.94	-0.01
Endrin aldehyde	6.12	6.12	6.02	6.22	0.00
alpha-Chlordane	5.05	5.05	4.95	5.15	0.00
gamma-Chlordane	4.99	4.98	4.88	5.08	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No.: CCAL04 Date Analyzed: 10/24/2024

Lab Sample No.: PSTDCCC050 Data File : PL092613.D Time Analyzed: 17:20

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.717	6.610	6.810	44.000	50.000	-12.0
4,4'-DDE	6.200	6.092	6.292	42.900	50.000	-14.2
4,4'-DDT	7.031	6.924	7.124	44.660	50.000	-10.7
Aldrin	5.264	5.157	5.357	43.560	50.000	-12.9
alpha-BHC	4.003	3.894	4.094	45.660	50.000	-8.7
alpha-Chlordane	6.026	5.918	6.118	43.300	50.000	-13.4
beta-BHC	4.533	4.424	4.624	49.860	50.000	-0.3
Decachlorobiphenyl	9.061	8.955	9.155	49.250	50.000	-1.5
delta-BHC	4.780	4.671	4.871	45.280	50.000	-9.4
Dieldrin	6.350	6.245	6.445	42.880	50.000	-14.2
Endosulfan I	6.077	5.969	6.169	44.130	50.000	-11.7
Endosulfan II	6.801	6.694	6.894	43.530	50.000	-12.9
Endosulfan sulfate	7.166	7.059	7.259	44.870	50.000	-10.3
Endrin	6.582	6.474	6.674	42.050	50.000	-15.9
Endrin aldehyde	6.931	6.824	7.024	46.360	50.000	-7.3
Endrin ketone	7.650	7.544	7.744	46.450	50.000	-7.1
gamma-BHC (Lindane)	4.335	4.227	4.427	46.560	50.000	-6.9
gamma-Chlordane	5.948	5.839	6.039	43.260	50.000	-13.5
Heptachlor	4.922	4.815	5.015	45.870	50.000	-8.3
Heptachlor epoxide	5.690	5.583	5.783	43.230	50.000	-13.5
Methoxychlor	7.506	7.400	7.600	51.180	50.000	2.4
Tetrachloro-m-xylene	3.547	3.438	3.638	49.340	50.000	-1.3

CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No.: CCAL04 Date Analyzed: 10/24/2024

Lab Sample No.: PSTDCCC050 Data File : PL092613.D Time Analyzed: 17:20

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.793	5.689	5.889	51.040	50.000	2.1
4,4'-DDE	5.238	5.134	5.334	52.810	50.000	5.6
4,4'-DDT	6.043	5.940	6.140	51.330	50.000	2.7
Aldrin	4.232	4.129	4.329	52.500	50.000	5.0
alpha-BHC	3.283	3.180	3.380	53.220	50.000	6.4
alpha-Chlordane	5.048	4.945	5.145	52.100	50.000	4.2
beta-BHC	3.912	3.810	4.010	52.170	50.000	4.3
Decachlorobiphenyl	7.920	7.817	8.017	53.280	50.000	6.6
delta-BHC	4.142	4.038	4.238	52.820	50.000	5.6
Dieldrin	5.369	5.266	5.466	52.060	50.000	4.1
Endosulfan I	5.105	5.001	5.201	53.500	50.000	7.0
Endosulfan II	5.938	5.836	6.036	50.110	50.000	0.2
Endosulfan sulfate	6.342	6.238	6.438	50.150	50.000	0.3
Endrin	5.645	5.541	5.741	51.590	50.000	3.2
Endrin aldehyde	6.119	6.016	6.216	50.880	50.000	1.8
Endrin ketone	6.846	6.744	6.944	52.380	50.000	4.8
gamma-BHC (Lindane)	3.613	3.510	3.710	53.810	50.000	7.6
gamma-Chlordane	4.985	4.881	5.081	51.110	50.000	2.2
Heptachlor	3.952	3.849	4.049	53.550	50.000	7.1
Heptachlor epoxide	4.735	4.631	4.831	53.230	50.000	6.5
Methoxychlor	6.619	6.515	6.715	56.150	50.000	12.3
Tetrachloro-m-xylene	2.779	2.677	2.877	54.610	50.000	9.2

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No. (PEM): PEM - PL092495.D Date Analyzed: 10/21/2024

Lab Sample No.(PEM): PEM Time Analyzed: 12:33

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.056	8.960	9.160	19.690	20.000	-1.6
Tetrachloro-m-xylene	3.539	3.490	3.590	19.690	20.000	-1.6
alpha-BHC	3.995	3.940	4.050	10.390	10.000	3.9
beta-BHC	4.525	4.470	4.580	9.750	10.000	-2.5
gamma-BHC (Lindane)	4.327	4.280	4.380	9.890	10.000	-1.1
Endrin	6.575	6.500	6.650	44.220	50.000	-11.6
4,4'-DDT	7.025	6.950	7.100	91.010	100.000	-9.0
Methoxychlor	7.501	7.430	7.570	222.860	250.000	-10.9

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No. (PEM): PEM - PL092495.D Date Analyzed: 10/21/2024

Lab Sample No.(PEM): PEM Time Analyzed: 12:33

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.918	7.820	8.020	19.360	20.000	-3.2
Tetrachloro-m-xylene	2.777	2.730	2.830	19.090	20.000	-4.6
alpha-BHC	3.280	3.230	3.330	9.580	10.000	-4.2
beta-BHC	3.910	3.860	3.960	11.410	10.000	14.1
gamma-BHC (Lindane)	3.610	3.560	3.660	9.570	10.000	-4.3
Endrin	5.642	5.570	5.710	45.220	50.000	-9.6
4,4'-DDT	6.041	5.970	6.110	97.030	100.000	-3.0
Methoxychlor	6.616	6.550	6.690	226.150	250.000	-9.5

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No. (PEM): PEM - PL092552.D Date Analyzed: 10/23/2024

Lab Sample No.(PEM): PEM Time Analyzed: 08:38

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.057	8.960	9.160	18.320	20.000	-8.4
Tetrachloro-m-xylene	3.541	3.490	3.590	18.540	20.000	-7.3
alpha-BHC	3.997	3.950	4.050	8.600	10.000	-14.0
beta-BHC	4.527	4.480	4.580	10.160	10.000	1.6
gamma-BHC (Lindane)	4.330	4.280	4.380	8.720	10.000	-12.8
Endrin	6.575	6.500	6.650	34.870	50.000	-30.3
4,4'-DDT	7.026	6.960	7.100	73.660	100.000	-26.3
Methoxychlor	7.502	7.430	7.570	194.550	250.000	-22.2

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No. (PEM): PEM - PL092552.D Date Analyzed: 10/23/2024

Lab Sample No.(PEM): PEM Time Analyzed: 08:38

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.918	7.820	8.020	20.250	20.000	1.3
Tetrachloro-m-xylene	2.780	2.730	2.830	19.380	20.000	-3.1
alpha-BHC	3.282	3.230	3.330	8.770	10.000	-12.3
beta-BHC	3.911	3.860	3.960	10.160	10.000	1.6
gamma-BHC (Lindane)	3.612	3.560	3.660	8.540	10.000	-14.6
Endrin	5.643	5.570	5.710	42.520	50.000	-15.0
4,4'-DDT	6.041	5.970	6.110	94.330	100.000	-5.7
Methoxychlor	6.616	6.550	6.690	227.710	250.000	-8.9

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: YANN01

Lab Code: CHEM Case No.: P4474 SAS No.: P4474 SDG NO.: P4474

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No. (PEM): PEM - PL092590.D Date Analyzed: 10/24/2024

Lab Sample No.(PEM): PEM Time Analyzed: 10:06

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.058	8.960	9.160	19.320	20.000	-3.4
Tetrachloro-m-xylene	3.541	3.490	3.590	19.300	20.000	-3.5
alpha-BHC	3.997	3.950	4.050	9.060	10.000	-9.4
beta-BHC	4.527	4.480	4.580	10.490	10.000	4.9
gamma-BHC (Lindane)	4.329	4.280	4.380	9.110	10.000	-8.9
Endrin	6.577	6.510	6.650	36.800	50.000	-26.4
4,4'-DDT	7.026	6.960	7.100	80.280	100.000	-19.7
Methoxychlor	7.503	7.430	7.570	215.310	250.000	-13.9

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2024 10/21/2024

Client Sample No. (PEM): PEM - PL092590.D Date Analyzed: 10/24/2024

Lab Sample No.(PEM): PEM Time Analyzed: 10:06

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.918	7.820	8.020	21.540	20.000	7.7
Tetrachloro-m-xylene	2.779	2.730	2.830	19.600	20.000	-2.0
alpha-BHC	3.282	3.230	3.330	9.140	10.000	-8.6
beta-BHC	3.911	3.860	3.960	10.700	10.000	7.0
gamma-BHC (Lindane)	3.612	3.560	3.660	8.890	10.000	-11.1
Endrin	5.643	5.570	5.710	43.270	50.000	-13.5
4,4'-DDT	6.041	5.970	6.110	98.890	100.000	-1.1
Methoxychlor	6.616	6.550	6.690	247.330	250.000	-1.1

Analytical Sequence

Client: Yannuzzi Group, Inc.	SDG No.: P4474
Project: 86 Davidson Road, Piscataway, NJ	Instrument ID: ECD_L
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 10/21/2024 10/21/2024

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	10/21/2024	12:19	PL092494.D	9.06	3.54
PEM	PEM	10/21/2024	12:33	PL092495.D	9.06	3.54
RESCHK	RESCHK	10/21/2024	12:46	PL092496.D	9.06	3.54
PSTDICCC100	PSTDICCC100	10/21/2024	13:00	PL092497.D	9.06	3.54
PSTDICCC075	PSTDICCC075	10/21/2024	13:13	PL092498.D	9.06	3.54
PSTDICCC050	PSTDICCC050	10/21/2024	13:26	PL092499.D	9.06	3.54
PSTDICCC025	PSTDICCC025	10/21/2024	13:40	PL092500.D	9.05	3.54
PSTDICCC005	PSTDICCC005	10/21/2024	13:53	PL092501.D	9.06	3.54
PCHLORICC500	PCHLORICC500	10/21/2024	14:33	PL092504.D	9.06	3.54
PTOXICC500	PTOXICC500	10/21/2024	15:40	PL092509.D	9.06	3.54
IBLK	IBLK	10/23/2024	08:24	PL092551.D	9.06	3.54
PEM	PEM	10/23/2024	08:38	PL092552.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/23/2024	09:38	PL092553.D	9.06	3.54
PB164311BL	PB164311BL	10/23/2024	09:52	PL092554.D	9.06	3.54
PB164311BS	PB164311BS	10/23/2024	13:33	PL092555.D	9.06	3.55
TS-2	P4474-01	10/23/2024	14:01	PL092557.D	9.06	3.54
IBLK	IBLK	10/23/2024	17:56	PL092566.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/23/2024	18:50	PL092568.D	9.06	3.54
IBLK	IBLK	10/24/2024	09:53	PL092589.D	9.06	3.54
PEM	PEM	10/24/2024	10:06	PL092590.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/24/2024	10:19	PL092591.D	9.06	3.54
BP-F-28MS	P4472-01MS	10/24/2024	11:35	PL092595.D	9.06	3.54
BP-F-28MSD	P4472-01MSD	10/24/2024	11:49	PL092596.D	9.06	3.54
IBLK	IBLK	10/24/2024	16:48	PL092612.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/24/2024	17:20	PL092613.D	9.06	3.55

Analytical Sequence

Client: Yannuzzi Group, Inc.

SDG No.: P4474

Project: 86 Davidson Road, Piscataway, NJ

Instrument ID: ECD_L

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 10/21/2024 10/21/2024

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	10/21/2024	12:19	PL092494.D	7.92	2.78
PEM	PEM	10/21/2024	12:33	PL092495.D	7.92	2.78
RESCHK	RESCHK	10/21/2024	12:46	PL092496.D	7.92	2.78
PSTDICC100	PSTDICC100	10/21/2024	13:00	PL092497.D	7.92	2.78
PSTDICC075	PSTDICC075	10/21/2024	13:13	PL092498.D	7.92	2.78
PSTDICC050	PSTDICC050	10/21/2024	13:26	PL092499.D	7.92	2.78
PSTDICC025	PSTDICC025	10/21/2024	13:40	PL092500.D	7.92	2.78
PSTDICC005	PSTDICC005	10/21/2024	13:53	PL092501.D	7.92	2.78
PCHLORICC500	PCHLORICC500	10/21/2024	14:33	PL092504.D	7.92	2.78
PTOXICC500	PTOXICC500	10/21/2024	15:40	PL092509.D	7.92	2.78
IBLK	IBLK	10/23/2024	08:24	PL092551.D	7.92	2.78
PEM	PEM	10/23/2024	08:38	PL092552.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/23/2024	09:38	PL092553.D	7.92	2.78
PB164311BL	PB164311BL	10/23/2024	09:52	PL092554.D	7.92	2.78
PB164311BS	PB164311BS	10/23/2024	13:33	PL092555.D	7.92	2.78
TS-2	P4474-01	10/23/2024	14:01	PL092557.D	7.92	2.78
IBLK	IBLK	10/23/2024	17:56	PL092566.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/23/2024	18:50	PL092568.D	7.92	2.78
IBLK	IBLK	10/24/2024	09:53	PL092589.D	7.92	2.78
PEM	PEM	10/24/2024	10:06	PL092590.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/24/2024	10:19	PL092591.D	7.92	2.78
BP-F-28MS	P4472-01MS	10/24/2024	11:35	PL092595.D	7.92	2.78
BP-F-28MSD	P4472-01MSD	10/24/2024	11:49	PL092596.D	7.92	2.78
IBLK	IBLK	10/24/2024	16:48	PL092612.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/24/2024	17:20	PL092613.D	7.92	2.78

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BP-F-28MS

Contract: YANN01

Lab Code: CHEM

Case No.: P4474

SAS No.: P4474

SDG NO.: P4474

Lab Sample ID: P4472-01MS

Date(s) Analyzed: 10/24/2024

10/24/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.80	6.75	6.85	13.8	8.3
	2	5.94	5.89	5.99	15.0	
4,4'-DDD	1	6.71	6.66	6.76	13.5	4.3
	2	5.79	5.74	5.84	14.1	
4,4'-DDT	1	7.03	6.98	7.08	14.4	2.1
	2	6.04	5.99	6.09	14.7	
Endrin aldehyde	1	6.93	6.88	6.98	14.0	0.7
	2	6.12	6.07	6.17	13.9	
Endosulfan sulfate	1	7.16	7.11	7.21	14.2	1.4
	2	6.34	6.29	6.39	14.4	
alpha-BHC	1	4.00	3.95	4.05	11.2	2.7
	2	3.28	3.23	3.33	10.9	
Aldrin	1	5.26	5.21	5.31	12.5	0
	2	4.23	4.18	4.28	12.5	
beta-BHC	1	4.53	4.48	4.58	12.4	5.8
	2	3.91	3.86	3.96	11.7	
delta-BHC	1	4.77	4.72	4.82	11.5	4.3
	2	4.14	4.09	4.19	12.0	
Endosulfan I	1	6.07	6.02	6.12	13.7	2.2
	2	5.10	5.05	5.15	13.4	
alpha-Chlordane	1	6.02	5.97	6.07	13.1	7.4
	2	5.05	5.00	5.10	14.1	
4,4'-DDE	1	6.19	6.14	6.24	12.1	7.9
	2	5.24	5.19	5.29	13.1	
Dieldrin	1	6.35	6.30	6.40	12.7	6.8
	2	5.37	5.32	5.42	13.6	
Endrin	1	6.58	6.53	6.63	13.2	13.4
	2	5.64	5.59	5.69	15.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BP-F-28MS

Contract: YANN01

Lab Code: CHEM Case No.: P4474

SAS No.: P4474 SDG NO.: P4474

Lab Sample ID: P4472-01MS

Date(s) Analyzed: 10/24/2024 10/24/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.50	7.45	7.55	16.4	1.2
	2	6.62	6.57	6.67	16.6	
Endrin ketone	1	7.65	7.60	7.70	14.6	2.1
	2	6.85	6.80	6.90	14.3	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	12.3	4.1
	2	3.61	3.56	3.66	11.8	
Heptachlor	1	4.92	4.87	4.97	12.8	3.2
	2	3.95	3.90	4.00	12.4	
Heptachlor epoxide	1	5.69	5.64	5.74	12.1	11.7
	2	4.73	4.68	4.78	13.6	
gamma-Chlordane	1	5.94	5.89	5.99	12.7	13.2
	2	4.98	4.93	5.03	14.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BP-F-28MSD

Contract: YANN01

Lab Code: CHEM

Case No.: P4474

SAS No.: P4474

SDG NO.: P4474

Lab Sample ID: P4472-01MSD

Date(s) Analyzed: 10/24/2024

10/24/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.80	6.75	6.85	14.0	10.2
	2	5.94	5.89	5.99	15.5	
4,4'-DDD	1	6.71	6.66	6.76	13.7	9.1
	2	5.79	5.74	5.84	15.0	
4,4'-DDT	1	7.03	6.98	7.08	14.9	4.6
	2	6.04	5.99	6.09	15.6	
Endrin aldehyde	1	6.93	6.88	6.98	14.4	3.4
	2	6.12	6.07	6.17	14.9	
Endosulfan sulfate	1	7.16	7.11	7.21	14.4	4.7
	2	6.34	6.29	6.39	15.1	
Methoxychlor	1	7.50	7.45	7.55	17.0	0.6
	2	6.62	6.57	6.67	17.1	
Endrin ketone	1	7.65	7.60	7.70	15.1	4.5
	2	6.85	6.80	6.90	15.8	
alpha-BHC	1	4.00	3.95	4.05	11.5	9.1
	2	3.28	3.23	3.33	10.5	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	12.3	3.3
	2	3.61	3.56	3.66	11.9	
Heptachlor	1	4.92	4.87	4.97	12.9	3.1
	2	3.95	3.90	4.00	12.5	
Aldrin	1	5.26	5.21	5.31	12.4	0.8
	2	4.23	4.18	4.28	12.5	
beta-BHC	1	4.53	4.48	4.58	12.3	0
	2	3.91	3.86	3.96	12.3	
delta-BHC	1	4.77	4.72	4.82	11.5	0
	2	4.14	4.09	4.19	11.5	
Heptachlor epoxide	1	5.69	5.64	5.74	11.8	17.8
	2	4.73	4.68	4.78	14.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BP-F-28MSD

Contract: YANN01

Lab Code: CHEM Case No.: P4474

SAS No.: P4474 SDG NO.: P4474

Lab Sample ID: P4472-01MSD

Date(s) Analyzed: 10/24/2024 10/24/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	12.8	14.5
	2	5.10	5.05	5.15	14.8	
gamma-Chlordane	1	5.94	5.89	5.99	12.9	14.4
	2	4.98	4.93	5.03	14.9	
alpha-Chlordane	1	6.02	5.97	6.07	13.5	6.5
	2	5.05	5.00	5.10	14.4	
4,4'-DDE	1	6.20	6.15	6.25	12.6	3.9
	2	5.24	5.19	5.29	13.1	
Dieldrin	1	6.35	6.30	6.40	13.0	6
	2	5.37	5.32	5.42	13.8	
Endrin	1	6.58	6.53	6.63	13.4	11.3
	2	5.64	5.59	5.69	15.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164311BS

Contract: YANN01

Lab Code: CHEM

Case No.: P4474

SAS No.: P4474

SDG NO.: P4474

Lab Sample ID: PB164311BS

Date(s) Analyzed: 10/23/2024

10/23/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.80	6.75	6.85	14.7	15.1
	2	5.94	5.89	5.99	17.1	
4,4'-DDD	1	6.72	6.67	6.77	14.6	16.9
	2	5.79	5.74	5.84	17.3	
4,4'-DDT	1	7.03	6.98	7.08	13.8	14.1
	2	6.04	5.99	6.09	15.9	
Endrin aldehyde	1	6.93	6.88	6.98	15.6	12
	2	6.12	6.07	6.17	17.6	
Endosulfan sulfate	1	7.16	7.11	7.21	15.0	13.1
	2	6.34	6.29	6.39	17.1	
Methoxychlor	1	7.51	7.46	7.56	15.6	10.9
	2	6.62	6.57	6.67	17.4	
Endrin ketone	1	7.65	7.60	7.70	15.6	15.9
	2	6.85	6.80	6.90	18.3	
alpha-BHC	1	4.00	3.95	4.05	14.4	14.8
	2	3.28	3.23	3.33	16.7	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.6	14.6
	2	3.61	3.56	3.66	16.9	
Heptachlor	1	4.92	4.87	4.97	14.5	17
	2	3.95	3.90	4.00	17.2	
Aldrin	1	5.26	5.21	5.31	14.1	19.8
	2	4.23	4.18	4.28	17.2	
beta-BHC	1	4.53	4.48	4.58	15.9	7.3
	2	3.91	3.86	3.96	17.1	
delta-BHC	1	4.78	4.73	4.83	14.7	13.3
	2	4.14	4.09	4.19	16.8	
Heptachlor epoxide	1	5.69	5.64	5.74	14.5	21
	2	4.73	4.68	4.78	17.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164311BS

Contract: YANN01

Lab Code: CHEM

Case No.: P4474

SAS No.: P4474

SDG NO.: P4474

Lab Sample ID: PB164311BS

Date(s) Analyzed: 10/23/2024

10/23/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.08	6.03	6.13	14.5	22.1
	2	5.10	5.05	5.15	18.1	
gamma-Chlordane	1	5.95	5.90	6.00	14.4	17.7
	2	4.98	4.93	5.03	17.2	
alpha-Chlordane	1	6.03	5.98	6.08	14.3	20.7
	2	5.05	5.00	5.10	17.6	
4,4'-DDE	1	6.20	6.15	6.25	14.0	21.1
	2	5.24	5.19	5.29	17.3	
Dieldrin	1	6.35	6.30	6.40	14.3	19
	2	5.37	5.32	5.42	17.3	
Endrin	1	6.58	6.53	6.63	13.5	20
	2	5.64	5.59	5.69	16.5	