

Chemical Analysis Report

NE-DIST-2024-02-14-01

Florida DEP Laboratory
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DOH Accreditation E31780

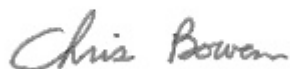
Event Description: **LSJR South West 2024**
Request ID: **RQ-2024-01-08-49**
Customer: **NE-DIST**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
8800 Baymeadows Way West
Suite 100
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Certified by: Chris Bowen, Environmental Administrator

Date Certified: 06-MAR-2024 11:09



Case Narrative

Unless otherwise noted, all samples included in this report were received in accordance with protocols referenced in Chapter 62-160, Florida Administrative Code (F.A.C.). Results published in this report pertain only to the samples as submitted to, and received by the laboratory. All times in this report are adjusted to the applicable Eastern Time Zone (EST or EDT).

Results for the following analytical group are included in this report: Pesticides.

Scientific notation may be used in reporting very large or small values. Values reported using scientific notation will take the form of the following example: 1.3E+03, which is equivalent to 1.3×10^3 or 1300.

Unless otherwise noted, analytical values for soil and sediment samples are reported on a dry weight basis, and analytical values for waste and tissue samples are reported on a wet weight basis.

Results for TNI accredited tests met requirements established by The NELAC Institute. A double asterisk (**) is used to indicate an analyte/matrix/method for which the laboratory is not TNI accredited by the Florida Department of Health Environmental Laboratory Certification Program or where accreditation for that field of testing is not applicable.

Any significant anomalies or deviations from established protocols are documented in Non-Conformance Reports, which, where appropriate, are included within this analytical report. Additional comments related to specific analytical tests may be included as remarks following the analytical results for each sample. Such comments and remarks are for informational purposes only and are not intended to convey judgement about the usability of the reported data.

A quality control report on the performance of the test method for the submitted samples is included. Uncertainty associated with the analytical results contained in this report can be estimated from the reported quality assurance results and from published quality control acceptance limits for each analytical test. Matrix quality control results (matrix spike recoveries and matrix sample precision) pertain only to the matrix sample tested and do not necessarily reflect test method performance for other samples.

Typical matrix quality control (QC) measurements may include matrix spike recovery, matrix spike duplicate recovery, matrix spike precision and matrix sample precision. Not all matrix QC results may be available or reportable; where they are not an explanation is provided. Typical reasons for unavailable QC results include, but are not limited to, a) insufficient matrix sample to perform some or all QC measurements; b) analyte concentration in the sample replicated was too low for a meaningful measurement of precision and c) analyte concentration in the matrix sample spiked was too high (relative to the amount of analyte spiked) for a meaningful measurement of recovery. Where matrix QC results are unavailable, other method performance metrics (e.g., LCS recovery, LCS precision, surrogate recovery) may be used to assess performance of the method. Comments explaining any missing QC measurements are not intended to convey any adverse conclusions about the quality of the reported data.

Precision is reported as relative percent difference unless otherwise noted.

Quality Control codes as defined below may be used in this report to indicate results that are associated with one or more quality control elements which did not fall within established test method criteria. Such results may be qualified as estimates using a J qualifier as required by 62-160 F.A.C. Explanations are included in the report for any results that were reported as estimates for other reasons.

QC Codes used in this report may include:

- LCS – Recovery for the batch Laboratory Control Sample (LCS) was outside existing control limits;
- MS – Recovery for the batch matrix spike (MS) was outside existing control limits;
- CCV – Recovery for a continuing calibration verification (CCV) standard was outside existing control limits;
- SUR – Recovery of a surrogate (SUR) for associated analytes was outside existing control limits;
- RPD – The precision, measured as relative percent difference (RPD), of batch replicate measurements was outside existing control limits;
- RSD – The precision, measured as relative standard deviation (RSD), of batch replicate measurements was outside existing control limits;
- SMP – Sample - used precision derived from replicate analyses of a sample;

The following data qualifiers are used, where applicable, in this report as specified in 62-160 F.A.C.

- A - Value reported is the mean of two or more determinations.
- B - Results based on colony counts outside the acceptable range.
- I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J - Estimated value and/or the analysis did not meet established quality control criteria.
- K - Actual value is known to be less than value given.
- L - Actual value is known to be greater than value given.
- N - Presumptive evidence of presence of material.
- O - Sampled, but analysis lost or not performed.
- Q - Sample held beyond normal holding time.
- T - Value reported is less than the criterion of detection.
- U - Material was analyzed for but not detected. The reported value is the method detection limit for the sample analyzed.
- V - Analyte was detected in both sample and method blank.
- X - Too few individuals to calculate SCI value.
- Y - The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
- Z - Colonies were too numerous to count (TNTC).

Quality control information from overflow laboratories may not be included in this report. Please refer to the associated report from the overflow laboratory for additional information.

Sample Location: LITTLE BLACK CR AT SR 21

Collection Date/Time: 02/13/2024 09:30

Field ID: 20030629

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2469019	EPA 8270E	Aldrin	0.67	U	ng/L	P441328	
		Alpha-BHC	0.10	U	ng/L	P441328	
		Alpha-Chlordane	0.21	U	ng/L	P441328	
		PCB-1016	2.1	U	ng/L	P441328	
		Beta-BHC	0.10	U	ng/L	P441328	
		PCB-1221	2.1	U	ng/L	P441328	
		Beta-Cyfluthrin	1.3	U	ng/L	P441328	
		PCB-1232	2.1	U	ng/L	P441328	
		Bifenthrin	0.52	U	ng/L	P441328	
		PCB-1242	2.1	U	ng/L	P441328	
		PCB-1248	2.1	U	ng/L	P441328	
		Chlorothalonil	3.7	U	ng/L	P441328	
		PCB-1254	2.1	U	ng/L	P441328	
		Cis-Nonachlor	0.21	U	ng/L	P441328	
		PCB-1260	2.1	UJ	ng/L	P441328	CCV
		Cypermethrin	1.5	U	ng/L	P441328	
		Dacthal	0.15	U	ng/L	P441328	
		DDD-p,p'	0.26	U	ng/L	P441328	
		DDE-p,p'	0.21	U	ng/L	P441328	
		DDT-p,p'	0.82	U	ng/L	P441328	
		Delta-BHC	0.41	U	ng/L	P441328	
		Deltamethrin	1.3	U	ng/L	P441328	
		Dichlobenil	0.26	U	ng/L	P441328	
		Dicofol	1.3	U	ng/L	P441328	
		Dieldrin	0.41	U	ng/L	P441328	
		Endosulfan I	0.41	UJ	ng/L	P441328	LCS
		Endosulfan II	0.93	U	ng/L	P441328	
		Endosulfan Sulfate	0.31	U	ng/L	P441328	
		Endrin	0.93	U	ng/L	P441328	
		Endrin Aldehyde	0.77	U	ng/L	P441328	
		Endrin Ketone	0.41	U	ng/L	P441328	
		Esfenvalerate	0.77	U	ng/L	P441328	
		Ethalfuralin	0.15	U	ng/L	P441328	
		Fenpropathrin	0.26	U	ng/L	P441328	
		Gamma-BHC	0.13	U	ng/L	P441328	
		Gamma-Chlordane	0.21	U	ng/L	P441328	
		Heptachlor	0.21	U	ng/L	P441328	
		Heptachlor Epoxide	0.26	U	ng/L	P441328	
		Hexachlorobenzene**	1.0	U	ng/L	P441328	
		Kepone	14	UJ	ng/L	P441328	CCV
		Lambda-Cyhalothrin	0.77	U	ng/L	P441328	
		Methoprene	0.77	U	ng/L	P441328	
		Methoxychlor	0.31	U	ng/L	P441328	
		MGK-264	0.21	U	ng/L	P441328	

Field ID: 20030629

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2469019	EPA 8270E	Mirex	0.36	U	ng/L	P441328	
		Oxychlordane	0.31	U	ng/L	P441328	
		Permethrin	1.6	U	ng/L	P441328	
		Phenothrin	0.93	U	ng/L	P441328	
		Piperonyl Butoxide	0.15	U	ng/L	P441328	
		Prallethrin	2.1	U	ng/L	P441328	
		Tau-Fluvalinate	0.26	U	ng/L	P441328	
		Tetramethrin	0.77	U	ng/L	P441328	
		Trans-Nonachlor	0.21	U	ng/L	P441328	
		Triclosan Methyl	0.15	U	ng/L	P441328	
		Trifluralin	0.21	U	ng/L	P441328	
	EPA 8276	Chlordane	2.1	U	ng/L	P441328	
		Toxaphene	15	U	ng/L	P441328	

Ref. Method and Comment:
EPA 8270E: Duplicate matrix spike lost in preparation. Refer to the Lab Analysis Report for an explanation of QC Codes.
EPA 8270E: Refer to the Lab Analysis Report for an explanation of QC Codes.

Quality Assurance Report Method Blank Results

Reference Method: EPA 8270E

Batch ID: P441328

Component	Result	Code	Units
Aldrin	0.65	U	ng/L
Alpha-BHC	0.10	U	ng/L
Alpha-Chlordane	0.20	U	ng/L
Beta-BHC	0.10	U	ng/L
Beta-Cyfluthrin	1.2	U	ng/L
Bifenthrin	0.50	U	ng/L
Chlorothalonil	3.6	U	ng/L
Cis-Nonachlor	0.20	U	ng/L
Cypermethrin	1.5	U	ng/L
Dacthal	0.15	U	ng/L
DDD-p,p'	0.25	U	ng/L
DDE-p,p'	0.20	U	ng/L
DDT-p,p'	0.80	U	ng/L
Delta-BHC	0.40	U	ng/L
Deltamethrin	1.2	U	ng/L
Dichlobenil	0.25	U	ng/L
Dicofol	1.2	U	ng/L
Dieldrin	0.40	U	ng/L
Endosulfan I	0.40	U	ng/L
Endosulfan II	0.90	U	ng/L
Endosulfan Sulfate	0.30	U	ng/L
Endrin	0.90	U	ng/L
Endrin Aldehyde	0.75	U	ng/L
Endrin Ketone	0.40	U	ng/L
Esfenvalerate	0.75	U	ng/L
Ethalfuralin	0.15	U	ng/L
Fenpropathrin	0.25	U	ng/L
Gamma-BHC	0.12	U	ng/L
Gamma-Chlordane	0.20	U	ng/L
Heptachlor	0.20	U	ng/L
Heptachlor Epoxide	0.25	U	ng/L
Hexachlorobenzene	1.0	U	ng/L
Kepone	14	U	ng/L
Lambda-Cyhalothrin	0.75	U	ng/L
Methoprene	0.75	U	ng/L
Methoxychlor	0.30	U	ng/L
MGK-264	0.20	U	ng/L
Mirex	0.35	U	ng/L
Oxychlordane	0.30	U	ng/L
PCB-1016	2.0	U	ng/L
PCB-1221	2.0	U	ng/L
PCB-1232	2.0	U	ng/L
PCB-1242	2.0	U	ng/L
PCB-1248	2.0	U	ng/L
PCB-1254	2.0	U	ng/L
PCB-1260	2.0	U	ng/L
Permethrin	1.6	U	ng/L
Phenothrin	0.90	U	ng/L
Piperonyl Butoxide	0.15	U	ng/L
Prallethrin	2.0	U	ng/L
Tau-Fluvalinate	0.25	U	ng/L
Tetramethrin	0.75	U	ng/L

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8270E
Batch ID: P441328

Component	Result	Code	Units
Trans-Nonachlor	0.20	U	ng/L
Triclosan Methyl	0.15	U	ng/L
Trifluralin	0.20	U	ng/L

Reference Method: EPA 8276
Batch ID: P441328

Component	Result	Code	Units
Chlordane	2.0	U	ng/L
Toxaphene	15	U	ng/L

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: EPA 8270E
Batch ID: P441328

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Aldrin	48.1		P	30 - 96.0
Alpha-BHC	83.0		P	70 - 109
Alpha-Chlordane	67.3		P	45 - 107
Beta-BHC	87.4		P	64 - 138
Beta-Cyfluthrin	77.3		P	17 - 141
Bifenthrin	51.8		P	10 - 113
Chlorothalonil	114		P	26 - 180
Cis-Nonachlor	39.4		P	37 - 102
Cypermethrin	62.1		P	20 - 133
Dacthal	112		P	69 - 114
DDD-p,p'	56.1		P	42 - 105
DDE-p,p'	53.2		P	42 - 106
DDT-p,p'	62.0		P	42 - 107
Delta-BHC	85.5		P	67 - 144
Deltamethrin	53.9		P	15 - 149
Dichlobenil	59.8		P	46 - 117
Dicofol	51.4		P	34 - 114
Dieldrin	51.4		P	50 - 108
Endosulfan I	54.7		F	55 - 104
Endosulfan II	70.2		P	51 - 111
Endosulfan Sulfate	56.3		P	56 - 121
Endrin	53.0		P	10 - 106
Endrin Aldehyde	35.0		P	34 - 114
Endrin Ketone	98.7		P	63 - 177
Esfenvalerate	54.7		P	29 - 143
Ethalfuralin	51.7		P	46 - 96.0
Fenpropathrin	56.9		P	28 - 115
Gamma-BHC	91.7		P	65 - 121
Gamma-Chlordane	65.5		P	39 - 103
Heptachlor	53.0		P	39 - 94.0
Heptachlor Epoxide	77.6		P	54 - 104
Hexachlorobenzene	46.3		P	36 - 100
Kepone	85.5		P	10 - 225
Lambda-Cyhalothrin	54.6		P	10 - 135
Methoprene	59.5		P	10 - 109
Methoxychlor	70.1		P	52 - 112
MGK-264	94.8		P	44 - 117
Mirex	34.5		P	20 - 90.0
Oxychlordane	98.4		P	44 - 102
PCB-1016	81.0		P	45 - 107
PCB-1260	97.5		P	40 - 118
Permethrin	59.5		P	18 - 135
Phenothrin	50.4		P	10 - 102
Piperonyl Butoxide	77.2		P	28 - 156
Prallethrin	50.6		P	28 - 113
Tau-Fluvalinate	55.8		P	10 - 123
Tetramethrin	74.1		P	18 - 158
Trans-Nonachlor	50.1		P	39 - 104
Triclosan Methyl	77.1		P	54 - 108
Trifluralin	48.3		P	46 - 97.0

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: EPA 8276
Batch ID: P441328

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Chlordane	90.5		P	52 - 117
Toxaphene	96.5		P	44 - 125

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8270E
Batch ID: P441328

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2468371	PCB-1016	71.6	70.9	P/P	45 - 107
2468371	PCB-1260	79.6	86.6	P/P	40 - 112
2468899	Aldrin	63.5		P	24 - 81.0
2468899	Alpha-BHC	87.8		P	65 - 110
2468899	Alpha-Chlordane	88.3		P	43 - 119
2468899	Beta-BHC	94.6		P	54 - 165
2468899	Beta-Cyfluthrin	91.6		P	27 - 165
2468899	Bifenthrin	55.3		P	17 - 117
2468899	Chlorothalonil	93.6		P	10 - 255
2468899	Cis-Nonachlor	79.2		P	34 - 98.0
2468899	Cypermethrin	103		P	25 - 143
2468899	Dacthal	100		P	55 - 139
2468899	DDD-p,p'	82.9		P	30 - 109
2468899	DDE-p,p'	71.1		P	35 - 106
2468899	DDT-p,p'	72.2		P	41 - 101
2468899	Delta-BHC	83.7		P	58 - 165
2468899	Deltamethrin	97.4		P	10 - 194
2468899	Dichlobenil	72.9		P	22 - 114
2468899	Dicofol	64.5		P	17 - 133
2468899	Dieldrin	78.3		P	45 - 129
2468899	Endosulfan I	84.0		P	49 - 104
2468899	Endosulfan II	93.5		P	37 - 117
2468899	Endosulfan Sulfate	76.2		P	38 - 128
2468899	Endrin	84.1		P	35 - 116
2468899	Endrin Aldehyde	73.6		P	19 - 108
2468899	Endrin Ketone	107		P	44 - 134
2468899	Esfenvalerate	84.3		P	27 - 176
2468899	Ethalfuralin	71.7		P	49 - 100
2468899	Fenpropathrin	86.6		P	34 - 117
2468899	Gamma-BHC	103		P	59 - 129
2468899	Gamma-Chlordane	90.2		P	33 - 107
2468899	Heptachlor	77.0		P	37 - 94.0
2468899	Heptachlor Epoxide	83.1		P	38 - 118
2468899	Hexachlorobenzene	68.7		P	35 - 97.0
2468899	Kepone	93.2		P	10 - 221
2468899	Lambda-Cyhalothrin	72.9		P	23 - 190
2468899	Methoprene	85.6		P	21 - 109
2468899	Methoxychlor	80.5		P	46 - 118
2468899	MGK-264	93.5		P	39 - 122
2468899	Mirex	61.3		P	25 - 90.0
2468899	Oxychlordane	96.8		P	42 - 100
2468899	Permethrin	83.1		P	33 - 181
2468899	Phenothrin	65.0		P	12 - 125
2468899	Piperonyl Butoxide	89.3		P	10 - 178
2468899	Prallethrin	75.5		P	24 - 122
2468899	Tau-Fluvalinate	72.8		P	13 - 151
2468899	Tetramethrin	88.8		P	16 - 172
2468899	Trans-Nonachlor	74.6		P	39 - 100
2468899	Triclosan Methyl	96.1		P	43 - 110
2468899	Trifluralin	75.7		P	45 - 94.0

Quality Assurance Report
Matrix Spike Accuracy

Reference Method: EPA 8276
Batch ID: P441328

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2468371	Chlordane	76.9	88.5	P/P	43 - 123
2468371	Toxaphene	88.3	97.6	P/P	27 - 156

Quality Assurance Report
Precision

Reference Method: EPA 8270E
Batch ID: P441328

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2468371	PCB-1016	0.951	Spike	P	0 - 25
2468371	PCB-1260	8.38	Spike	P	0 - 30

Reference Method: EPA 8276
Batch ID: P441328

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2468371	Chlordane	14.1	Spike	P	0 - 28
2468371	Toxaphene	10.0	Spike	P	0 - 27

* Sample, spike and/or laboratory control sample precision (LCS) is reported.

Quality Assurance Report
Surrogates

Lab Sample ID: 2469019
Field Sample ID: 20030629

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Decachlorobiphenyl	124	P	37 - 129
EPA 8270E	Decachlorobiphenyl	91.1	P	26 - 115
EPA 8270E	Tetrachloro-m-xylene	73.7	P	30 - 101
EPA 8270E	Tetrachloro-m-xylene	40.0	P	29 - 95.0
EPA 8276	Decachlorobiphenyl	74.1	P	23 - 110
EPA 8276	PCNB	87.8	P	51 - 130

Quality Assurance Report Calibration Verification

Reference Method: EPA 8276
Run ID: A124287
Included Lab Sample IDs: 2469019

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Chlordane	97.5		P	80 - 120
Toxaphene	88.5		P	80 - 120

Reference Method: EPA 8270E
Run ID: A124352
Included Lab Sample IDs: 2469019

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
PCB-1016	116		P	80 - 120
PCB-1260	127*		F	80 - 120

Reference Method: EPA 8270E
Run ID: A124396
Included Lab Sample IDs: 2469019

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Aldrin	96.9		P	80 - 120
Alpha-BHC	99.8		P	80 - 120
Alpha-Chlordane	102		P	80 - 120
Beta-BHC	101		P	80 - 120
Beta-Cyfluthrin	95.2		P	80 - 120
Bifenthrin	89.6		P	80 - 120
Chlorothalonil	98.8		P	80 - 120
Cis-Nonachlor	95.1		P	80 - 120
Cypermethrin	105		P	80 - 120
Dacthal	97.8		P	80 - 120
DDD-p,p'	107		P	80 - 120
DDE-p,p'	101		P	80 - 120
Delta-BHC	98.7		P	80 - 120
Deltamethrin	90.4		P	80 - 120
Dichlobenil	111		P	80 - 120
Dicofol	104		P	80 - 120
Dieldrin	91.7		P	80 - 120
Endosulfan I	91.6		P	80 - 120
Endosulfan II	101		P	80 - 120
Endosulfan Sulfate	80.2		P	80 - 120
Endrin	90.0		P	80 - 120
Endrin Aldehyde	86.9		P	80 - 120
Endrin Ketone	93.6		P	80 - 120
Esfenvalerate	86.8		P	80 - 120
Ethalfuralin	102		P	80 - 120
Fenpropathrin	93.0		P	80 - 120
Gamma-BHC	99.7		P	80 - 120
Gamma-Chlordane	96.9		P	80 - 120
Heptachlor	97.6		P	80 - 120
Heptachlor Epoxide	90.4		P	80 - 120
Hexachlorobenzene	96.2		P	80 - 120
Kepone	79.8*		F	80 - 120
Lambda-Cyhalothrin	91.7		P	80 - 120
Methoprene	101		P	80 - 120
Methoxychlor	98.2		P	80 - 120

Quality Assurance Report
Calibration Verification

Reference Method: EPA 8270E
Run ID: A124396
Included Lab Sample IDs: 2469019

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
MGK-264	97.5		P	80 - 120
Mirex	89.1		P	80 - 120
Oxychlordane	96.5		P	80 - 120
Permethrin	92.1		P	80 - 120
Phenothrin	94.5		P	80 - 120
Piperonyl Butoxide	88.2		P	80 - 120
Prallethrin	104		P	80 - 120
Tau-Fluvalinate	84.2		P	80 - 120
Tetramethrin	90.5		P	80 - 120
Trans-Nonachlor	87.1		P	80 - 120
Triclosan Methyl	99.9		P	80 - 120
Trifluralin	105		P	80 - 120

Reference Method: EPA 8270E
Run ID: A124463
Included Lab Sample IDs: 2469019

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
DDT-p,p'	98.0		P	80 - 120

* Pass/Fail determinations are made for each bracketing calibration verification check.
Control limits for initial calibration checks may be different from those for continuing checks, depending on method requirements.
Where they are different, both control limits are provided.

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery	MS % Recovery	Precision		
				LCS	SMP	MS
EPA 8270E	Aldrin	48.1	63.5			
	Alpha-BHC	83.0	87.8			
	Alpha-Chlordane	67.3	88.3			
	Beta-BHC	87.4	94.6			
	Beta-Cyfluthrin	77.3	91.6			
	Bifenthrin	51.8	55.3			
	Chlorothalonil	114	93.6			
	Cis-Nonachlor	39.4	79.2			
	Cypermethrin	62.1	103			
	Dacthal	112	100			
	DDD-p,p'	56.1	82.9			
	DDE-p,p'	53.2	71.1			
	DDT-p,p'	62.0	72.2			
	Delta-BHC	85.5	83.7			
	Deltamethrin	53.9	97.4			
	Dichlobenil	59.8	72.9			
	Dicofol	51.4	64.5			
	Dieldrin	51.4	78.3			
	Endosulfan I	54.7	84.0			
	Endosulfan II	70.2	93.5			
	Endosulfan Sulfate	56.3	76.2			
	Endrin	53.0	84.1			
	Endrin Aldehyde	35.0	73.6			
	Endrin Ketone	98.7	107			
	Esfenvalerate	54.7	84.3			
	Ethalfuralin	51.7	71.7			
	Fenpropathrin	56.9	86.6			
	Gamma-BHC	91.7	103			
	Gamma-Chlordane	65.5	90.2			
	Heptachlor	53.0	77.0			
	Heptachlor Epoxide	77.6	83.1			
	Hexachlorobenzene	46.3	68.7			
	Kepone	85.5	93.2			
	Lambda-Cyhalothrin	54.6	72.9			
	Methoprene	59.5	85.6			
	Methoxychlor	70.1	80.5			
	MGK-264	94.8	93.5			
	Mirex	34.5	61.3			
	Oxychlordane	98.4	96.8			
	PCB-1016	81.0	71.6	70.9		0.951
	PCB-1260	97.5	79.6	86.6		8.38
	Permethrin	59.5	83.1			
	Phenothrin	50.4	65.0			
	Piperonyl Butoxide	77.2	89.3			
	Prallethrin	50.6	75.5			
	Tau-Fluvalinate	55.8	72.8			
	Tetramethrin	74.1	88.8			
	Trans-Nonachlor	50.1	74.6			
	Triclosan Methyl	77.1	96.1			
	Trifluralin	48.3	75.7			
EPA 8276	Chlordane	90.5	76.9	88.5		14.1
	Toxaphene	96.5	88.3	97.6		10.0

Reference Method Descriptions

Method	Description	<u>Associated Samples</u>
EPA 8270E	Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS	2469019
EPA 8270E	PCBs in water matrices by GC/MS/MS	2469019
EPA 8276	Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization	2469019

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 8270E	02/14/2024	02/15/2024 08:00	Fe-Val Siddell	02/22/2024 21:22	Vandana T. Nagar	2469019
	02/14/2024	02/15/2024 08:00	Fe-Val Siddell	02/22/2024 21:48	Vandana T. Nagar	2469019
	02/14/2024	02/15/2024 08:00	Fe-Val Siddell	02/27/2024 21:30	Vandana T. Nagar	2469019
EPA 8276	02/14/2024	02/15/2024 08:00	Fe-Val Siddell	02/20/2024 13:06	Arthur Maknenko	2469019