

Chemical Analysis Report

SO-DIST-2022-10-25-01

Florida DEP Laboratory
2600 Blair Stone Road
Tallahassee, FL 32399-2400
DOH Accreditation E31780

Event Description: **2022 SMP : Myakka**
Request ID: **RQ-2022-10-24-56**
Customer: **SO-DIST**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
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Certified by: Dr. rer. nat. Bettina Steinbock, Environmental Administrator

Date Certified: 14-NOV-2022 11:25



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: SOUTH CREEK @ HONORE AVE

Collection Date/Time: 10/24/2022 09:35

Field ID: G3SD0090

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2364799	EPA 8270E	Aldrin	0.67	U	ng/L	P421468	CCV
		Alpha-BHC	0.10	U	ng/L	P421468	
		Alpha-Chlordane	0.21	U	ng/L	P421468	
		PCB-1016	2.1	U	ng/L	P421468	
		Beta-BHC	0.13	I	ng/L	P421468	
		PCB-1221	2.1	U	ng/L	P421468	
		Beta-Cyfluthrin	1.3	UJ	ng/L	P421468	
		PCB-1232	2.1	U	ng/L	P421468	
		Bifenthrin	0.52	U	ng/L	P421468	
		PCB-1242	2.1	U	ng/L	P421468	
		Carbophenothion	0.93	U	ng/L	P421468	
		PCB-1248	2.1	U	ng/L	P421468	
		Chlorothalonil	1.3	U	ng/L	P421468	
		PCB-1254	2.1	U	ng/L	P421468	
		Cis-Nonachlor	0.21	U	ng/L	P421468	
		PCB-1260	2.1	U	ng/L	P421468	
		Cypermethrin	1.5	U	ng/L	P421468	
		Dacthal	0.15	U	ng/L	P421468	
		DDD-p,p'	0.26	U	ng/L	P421468	
		DDE-p,p'	0.21	U	ng/L	P421468	
		DDT-p,p'	0.26	U	ng/L	P421468	
		Delta-BHC	0.41	U	ng/L	P421468	
		Deltamethrin	1.3	U	ng/L	P421468	
		Dichlobenil	0.26	U	ng/L	P421468	
		Dicofol	1.3	U	ng/L	P421468	
		Dieldrin	0.41	U	ng/L	P421468	
		Endosulfan I	0.41	U	ng/L	P421468	
		Endosulfan II	0.41	U	ng/L	P421468	
		Endosulfan Sulfate	0.31	U	ng/L	P421468	
		Endrin	0.41	U	ng/L	P421468	
		Endrin Aldehyde	0.77	U	ng/L	P421468	
		Endrin Ketone	0.41	U	ng/L	P421468	
		Esfenvalerate	0.77	U	ng/L	P421468	
		Ethalfuralin	0.15	U	ng/L	P421468	
		Fenpropathrin	0.26	U	ng/L	P421468	
		Gamma-BHC	0.13	U	ng/L	P421468	
		Gamma-Chlordane	0.21	U	ng/L	P421468	
		Heptachlor	0.21	U	ng/L	P421468	
		Heptachlor Epoxide	0.26	U	ng/L	P421468	
		Hexachlorobenzene**	1.0	U	ng/L	P421468	CCV
		Kepone	5.2	UJ	ng/L	P421468	
		Lambda-Cyhalothrin	0.77	U	ng/L	P421468	
		Methoprene	0.77	U	ng/L	P421468	
		Methoxychlor	0.31	U	ng/L	P421468	

Field ID: G3SD0090

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2364799	EPA 8270E	MGK-264	0.21	U	ng/L	P421468	
		Mirex	0.36	U	ng/L	P421468	
		Oxychlordane	0.31	U	ng/L	P421468	
		Permethrin	1.6	U	ng/L	P421468	
		Phenothrin	0.93	U	ng/L	P421468	
		Piperonyl Butoxide	2.1		ng/L	P421468	
		Prallethrin	2.1	U	ng/L	P421468	
		Tau-Fluvalinate	0.26	UJ	ng/L	P421468	CCV
		Tetramethrin	0.77	U	ng/L	P421468	
		Trans-Nonachlor	0.21	UJ	ng/L	P421468	LCS
		Triclosan Methyl	0.15	U	ng/L	P421468	
		Trifluralin	0.21	U	ng/L	P421468	
		Chlordane	2.6	U	ng/L	P421468	
2364800	EPA 8276	Toxaphene	15	U	ng/L	P421468	
	EPA 8321B	Acesulfame K	0.10	U	ug/L	P421330	
		2,4-D	0.0099		ug/L	P421444	
		AMPA	0.38	I	ug/L	P421330	
		2,4,5-T	0.0040	U	ug/L	P421444	
		Acetaminophen	0.0080	U	ug/L	P421444	
		Acetamiprid	0.0020	U	ug/L	P421444	
		Endothall	0.25	U	ug/L	P421330	MS
		Glufosinate	0.10	U	ug/L	P421330	
		Glyphosate	0.75		ug/L	P421330	
		Afidopyropen	0.0020	U	ug/L	P421444	
		Sucralose	2.1		ug/L	P421330	
		Bentazon	0.027		ug/L	P421444	
		Benzovindiflupyr	0.0020	U	ug/L	P421444	
		Carbamazepine	0.0013	I	ug/L	P421444	
		Clothianidin	0.0020	U	ug/L	P421444	
		Dinotefuran	0.0020	U	ug/L	P421444	
		Diuron	0.0020	U	ug/L	P421444	
		Fenuron	0.032	U	ug/L	P421444	
		Fluridone	0.048		ug/L	P421444	
		Imazapyr	0.24		ug/L	P421444	
		Hydrocodone	0.0020	U	ug/L	P421444	
		Ibuprofen	0.20	U	ug/L	P421444	
		Imidacloprid	0.026		ug/L	P421444	MS
		Linuron	0.0040	U	ug/L	P421444	
		Mandestrobin	0.0020	U	ug/L	P421444	
		MCP	0.0040	U	ug/L	P421444	
		Naproxen	0.0080	U	ug/L	P421444	
		Primidone	0.010	I	ug/L	P421444	
		Pyraclostrobin	0.0020	U	ug/L	P421444	
		Silvex	0.0040	U	ug/L	P421444	
		Thiamethoxam	0.0024	I	ug/L	P421444	

Field ID: G3SD0090

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2364800	EPA 8321B	Tolfenpyrad	0.0020	U	ug/L	P421444	
		Triclopyr	0.0040	U	ug/L	P421444	

Ref. Method and Comment:
EPA 8270E: Refer to the Lab Analysis Report for an explanation of QC Codes.
EPA 8321B: MS accuracy for Glyphosate could not be assessed due to high concentration of parameter in the spiked sample.

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8270E

Batch ID: P421468

Component	Result	Code	Units
Aldrin	0.65	U	ng/L
Aldrin	0.65	U	ng/L
Alpha-BHC	0.10	U	ng/L
Alpha-BHC	0.10	U	ng/L
Alpha-Chlordane	0.20	U	ng/L
Alpha-Chlordane	0.20	U	ng/L
Beta-BHC	0.10	U	ng/L
Beta-BHC	0.10	U	ng/L
Beta-Cyfluthrin	1.2	U	ng/L
Beta-Cyfluthrin	1.2	U	ng/L
Bifenthrin	0.50	U	ng/L
Bifenthrin	0.50	U	ng/L
Carbophenothion	0.90	U	ng/L
Carbophenothion	0.90	U	ng/L
Chlorothalonil	1.2	U	ng/L
Chlorothalonil	1.2	U	ng/L
Cis-Nonachlor	0.20	U	ng/L
Cis-Nonachlor	0.20	U	ng/L
Cypermethrin	1.5	U	ng/L
Cypermethrin	1.5	U	ng/L
Dacthal	0.15	U	ng/L
Dacthal	0.15	U	ng/L
DDD-p,p'	0.25	U	ng/L
DDD-p,p'	0.25	U	ng/L
DDE-p,p'	0.20	U	ng/L
DDE-p,p'	0.20	U	ng/L
DDT-p,p'	0.25	U	ng/L
DDT-p,p'	0.25	U	ng/L
Delta-BHC	0.40	U	ng/L
Delta-BHC	0.40	U	ng/L
Deltamethrin	1.2	U	ng/L
Deltamethrin	1.2	U	ng/L
Dichlobenil	0.25	U	ng/L
Dichlobenil	0.25	U	ng/L
Dicofol	1.2	U	ng/L
Dicofol	1.2	U	ng/L
Dieldrin	0.40	U	ng/L
Dieldrin	0.40	U	ng/L
Endosulfan I	0.40	U	ng/L
Endosulfan I	0.40	U	ng/L
Endosulfan II	0.40	U	ng/L
Endosulfan II	0.40	U	ng/L
Endosulfan Sulfate	0.30	U	ng/L
Endosulfan Sulfate	0.30	U	ng/L
Endrin	0.40	U	ng/L
Endrin	0.40	U	ng/L
Endrin Aldehyde	0.75	U	ng/L
Endrin Aldehyde	0.75	U	ng/L
Endrin Ketone	0.40	U	ng/L
Endrin Ketone	0.40	U	ng/L
Esfenvalerate	0.75	U	ng/L
Esfenvalerate	0.75	U	ng/L

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8270E

Batch ID: P421468

Component	Result	Code	Units
Ethalfuralin	0.15	U	ng/L
Ethalfuralin	0.15	U	ng/L
Fenpropathrin	0.25	U	ng/L
Fenpropathrin	0.25	U	ng/L
Gamma-BHC	0.12	U	ng/L
Gamma-BHC	0.12	U	ng/L
Gamma-Chlordane	0.20	U	ng/L
Gamma-Chlordane	0.20	U	ng/L
Heptachlor	0.20	U	ng/L
Heptachlor	0.20	U	ng/L
Heptachlor Epoxide	0.25	U	ng/L
Heptachlor Epoxide	0.25	U	ng/L
Hexachlorobenzene	1.0	U	ng/L
Hexachlorobenzene	1.0	U	ng/L
Kepone	5.0	U	ng/L
Kepone	5.0	U	ng/L
Lambda-Cyhalothrin	0.75	U	ng/L
Lambda-Cyhalothrin	0.75	U	ng/L
Methoprene	0.75	U	ng/L
Methoprene	0.75	U	ng/L
Methoxychlor	0.30	U	ng/L
Methoxychlor	0.30	U	ng/L
MGK-264	0.20	U	ng/L
MGK-264	0.20	U	ng/L
Mirex	0.35	U	ng/L
Mirex	0.35	U	ng/L
Oxychlordane	0.30	U	ng/L
Oxychlordane	0.30	U	ng/L
PCB-1016	2.0	U	ng/L
PCB-1016	2.0	U	ng/L
PCB-1221	2.0	U	ng/L
PCB-1221	2.0	U	ng/L
PCB-1232	2.0	U	ng/L
PCB-1232	2.0	U	ng/L
PCB-1242	2.0	U	ng/L
PCB-1242	2.0	U	ng/L
PCB-1248	2.0	U	ng/L
PCB-1248	2.0	U	ng/L
PCB-1254	2.0	U	ng/L
PCB-1254	2.0	U	ng/L
PCB-1260	2.0	U	ng/L
PCB-1260	2.0	U	ng/L
Permethrin	1.6	U	ng/L
Permethrin	1.6	U	ng/L
Phenothrin	0.90	U	ng/L
Phenothrin	0.90	U	ng/L
Piperonyl Butoxide	0.15	U	ng/L
Piperonyl Butoxide	0.15	U	ng/L
Prallethrin	2.0	U	ng/L
Prallethrin	2.0	U	ng/L
Tau-Fluvalinate	0.25	U	ng/L
Tau-Fluvalinate	0.25	U	ng/L

Quality Assurance Report Method Blank Results

Reference Method: EPA 8270E

Batch ID: P421468

Component	Result	Code	Units
Tetramethrin	0.75	U	ng/L
Tetramethrin	0.75	U	ng/L
Trans-Nonachlor	0.20	U	ng/L
Trans-Nonachlor	0.20	U	ng/L
Triclosan Methyl	0.15	U	ng/L
Triclosan Methyl	0.15	U	ng/L
Trifluralin	0.20	U	ng/L
Trifluralin	0.20	U	ng/L

Reference Method: EPA 8276

Batch ID: P421468

Component	Result	Code	Units
Chlordane	2.5	U	ng/L
Chlordane	2.5	U	ng/L
Toxaphene	15	U	ng/L
Toxaphene	15	U	ng/L

Reference Method: EPA 8321B

Batch ID: P421330

Component	Result	Code	Units
Acesulfame K	0.10	U	ug/L
AMPA	0.10	U	ug/L
Endothall	0.25	U	ug/L
Glufosinate	0.10	U	ug/L
Glyphosate	0.10	U	ug/L
Sucralose	0.010	U	ug/L

Reference Method: EPA 8321B

Batch ID: P421444

Component	Result	Code	Units
2,4-D	0.0020	U	ug/L
2,4,5-T	0.0040	U	ug/L
Acetaminophen	0.0080	U	ug/L
Acetamiprid	0.0020	U	ug/L
Afidopyropen	0.0020	U	ug/L
Bentazon	8.0E-04	U	ug/L
Benzovindiflupyr	0.0020	U	ug/L
Carbamazepine	8.0E-04	U	ug/L
Clothianidin	0.0020	U	ug/L
Dinotefuran	0.0020	U	ug/L
Diuron	0.0020	U	ug/L
Fenuron	0.032	U	ug/L
Fluridone	8.0E-04	U	ug/L
Hydrocodone	0.0020	U	ug/L
Ibuprofen	0.20	U	ug/L
Imazapyr	0.0040	U	ug/L
Imidacloprid	0.0020	U	ug/L
Linuron	0.0040	U	ug/L
Mandestrobin	0.0020	U	ug/L

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8321B
Batch ID: P421444

Component	Result	Code	Units
MCP	0.0040	U	ug/L
Naproxen	0.0080	U	ug/L
Primidone	0.0040	U	ug/L
Pyraclorobin	0.0020	U	ug/L
Silvex	0.0040	U	ug/L
Thiamethoxam	0.0020	U	ug/L
Tolfenpyrad	0.0020	U	ug/L
Triclopyr	0.0040	U	ug/L

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: EPA 8270E

Batch ID: P421468

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Aldrin	51.2		P	10 - 92.0
Alpha-BHC	82.0		P	75 - 107
Alpha-Chlordane	61.1		P	50 - 108
Beta-BHC	80.6		P	36 - 138
Beta-Cyfluthrin	60.0		P	20 - 161
Bifenthrin	38.5		P	10 - 119
Carbophenothion	42.9		P	19 - 94.0
Chlorothalonil	94.7		P	26 - 186
Cis-Nonachlor	50.5		P	42 - 119
Cypermethrin	64.1		P	22 - 150
Dacthal	82.5		P	72 - 119
DDD-p,p'	65.6		P	45 - 107
DDE-p,p'	59.0		P	48 - 106
DDT-p,p'	59.1		P	48 - 110
Delta-BHC	90.9		P	54 - 140
Deltamethrin	55.0		P	22 - 189
Dichlobenil	82.3		P	36 - 117
Dicofol	65.9		P	46 - 155
Dieldrin	60.0		P	54 - 110
Endosulfan I	60.1		P	59 - 105
Endosulfan II	61.6		P	51 - 118
Endosulfan Sulfate	85.5		P	57 - 121
Endrin	65.0		P	10 - 120
Endrin Aldehyde	61.7		P	34 - 118
Endrin Ketone	92.4		P	69 - 177
Esfenvalerate	39.5		P	23 - 168
Ethalfuralin	61.0		P	49 - 99.0
Fenpropathrin	53.2		P	34 - 117
Gamma-BHC	81.7		P	72 - 117
Gamma-Chlordane	54.2		P	43 - 106
Heptachlor	67.2		P	41 - 98.0
Heptachlor Epoxide	70.1		P	57 - 106
Hexachlorobenzene	68.4		P	36 - 99.0
Kepone	26.1		P	16 - 215
Lambda-Cyhalothrin	42.7		P	21 - 177
Methoprene	45.5		P	10 - 119
Methoxychlor	67.1		P	60 - 112
MGK-264	74.0		P	26 - 122
Mirex	42.6		P	10 - 169
Oxychlordane	71.3		P	43 - 105
PCB-1016	73.4		P	48 - 112
PCB-1260	72.7		P	44 - 118
Permethrin	57.1		P	24 - 148
Phenothrin	47.7		P	10 - 106
Piperonyl Butoxide	101		P	10 - 139
Prallethrin	82.8		P	17 - 109
Tau-Fluvalinate	32.1		P	13 - 131
Tetramethrin	70.0		P	10 - 132
Trans-Nonachlor	41.9		F	44 - 106
Triclosan Methyl	75.6		P	59 - 109
Trifluralin	65.3		P	44 - 101

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: EPA 8276
Batch ID: P421468

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Chlordane	76.2		P	61 - 116
Toxaphene	67.7		P	48 - 124

Reference Method: EPA 8321B
Batch ID: P421330

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Acesulfame K	95.9		P	40 - 150
AMPA	103		P	40 - 150
Endothall	95.0		P	40 - 150
Glufosinate	92.1		P	40 - 150
Glyphosate	94.6		P	40 - 150
Sucralose	92.5		P	40 - 150

Reference Method: EPA 8321B
Batch ID: P421444

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2,4-D	81.5		P	40 - 150
2,4,5-T	76.4		P	40 - 150
Acetaminophen	99.2		P	30 - 150
Acetamiprid	71.9		P	40 - 150
Afidopyropen	53.5		P	30 - 150
Bentazon	104		P	30 - 150
Benzovindiflupyr	86.0		P	40 - 150
Carbamazepine	94.2		P	40 - 150
Clothianidin	92.6		P	40 - 150
Dinotefuran	115		P	40 - 150
Diuron	85.5		P	40 - 150
Fenuron	112		P	40 - 150
Fluridone	99.1		P	40 - 150
Hydrocodone	102		P	40 - 150
Ibuprofen	80.3		P	40 - 150
Imazapyr	96.6		P	40 - 150
Imidacloprid	101		P	40 - 150
Linuron	81.1		P	40 - 150
Mandestrobin	89.4		P	40 - 150
MCPP	99.6		P	40 - 150
Naproxen	61.8		P	40 - 150
Primidone	89.1		P	40 - 150
Pyraclostrobin	75.5		P	40 - 150
Silvex	69.7		P	40 - 150
Thiamethoxam	99.0		P	40 - 150
Tolfenpyrad	38.0		P	30 - 150
Triclopyr	68.8		P	40 - 150

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8270E

Batch ID: P421468

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2364466	PCB-1016	57.9	60.0	P/P	46 - 111
2364466	PCB-1260	57.0	57.7	P/P	45 - 114
2364468	Aldrin	67.9	69.8	P/P	20 - 82.0
2364468	Alpha-BHC	89.0	87.8	P/P	71 - 109
2364468	Alpha-Chlordane	58.8	48.8	P/P	42 - 106
2364468	Beta-BHC	99.4	97.7	P/P	69 - 180
2364468	Beta-Cyfluthrin	134	131	P/P	18 - 175
2364468	Bifenthrin	76.5	73.5	P/P	21 - 128
2364468	Carbophenothion	65.8	60.5	P/P	10 - 126
2364468	Chlorothalonil	124	126	P/P	10 - 300
2364468	Cis-Nonachlor	61.6	69.1	P/P	34 - 106
2364468	Cypermethrin	113	94.1	P/P	22 - 158
2364468	Dacthal	90.1	80.1	P/P	54 - 116
2364468	DDD-p,p'	87.6	85.5	P/P	34 - 107
2364468	DDE-p,p'	63.3	62.7	P/P	33 - 110
2364468	DDT-p,p'	66.1	63.5	P/P	50 - 122
2364468	Delta-BHC	117	118	P/P	77 - 193
2364468	Deltamethrin	119	124	P/P	10 - 195
2364468	Dichlobenil	89.9	88.4	P/P	25 - 113
2364468	Dicofol	71.3	75.6	P/P	38 - 247
2364468	Dieldrin	65.4	65.8	P/P	45 - 118
2364468	Endosulfan I	70.2	69.8	P/P	51 - 106
2364468	Endosulfan II	45.8	37.4	P/P	37 - 122
2364468	Endosulfan Sulfate	115	105	P/P	43 - 132
2364468	Endrin	76.4	66.8	P/P	29 - 101
2364468	Endrin Aldehyde	92.1	90.5	P/P	19 - 110
2364468	Endrin Ketone	103	108	P/P	60 - 140
2364468	Esfenvalerate	90.0	83.7	P/P	26 - 199
2364468	Ethalfuralin	67.4	57.9	P/P	45 - 99.0
2364468	Fenpropathrin	89.4	87.6	P/P	35 - 120
2364468	Gamma-BHC	98.0	95.7	P/P	63 - 128
2364468	Gamma-Chlordane	71.7	65.3	P/P	40 - 104
2364468	Heptachlor	60.9	56.5	P/P	36 - 97.0
2364468	Heptachlor Epoxide	86.6	87.4	P/P	49 - 184
2364468	Hexachlorobenzene	67.8	67.5	P/P	39 - 96.0
2364468	Kepone	32.4	29.2	P/P	10 - 217
2364468	Lambda-Cyhalothrin	80.0	71.6	P/P	21 - 193
2364468	Methoprene	74.9	68.2	P/P	20 - 106
2364468	Methoxychlor	82.9	86.6	P/P	53 - 118
2364468	MGK-264	97.3	99.1	P/P	40 - 118
2364468	Mirex	55.2	55.1	P/P	26 - 92.0
2364468	Oxychlordane	66.4	56.5	P/P	44 - 99.0
2364468	Permethrin	113	116	P/P	33 - 182
2364468	Phenothrin	86.6	82.3	P/P	10 - 129
2364468	Piperonyl Butoxide	124	129	P/P	10 - 211
2364468	Prallethrin	94.9	77.3	P/P	24 - 113
2364468	Tau-Fluvalinate	86.0	85.3	P/P	14 - 149
2364468	Tetramethrin	105	103	P/P	17 - 151
2364468	Trans-Nonachlor	54.0	46.4	P/P	42 - 102
2364468	Triclosan Methyl	85.7	83.4	P/P	48 - 108
2364468	Trifluralin	67.6	61.7	P/P	47 - 96.0

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8276

Batch ID: P421468

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2364466	Chlordane	65.7	67.3	P/P	53 - 126
2364466	Toxaphene	60.2	62.3	P/P	56 - 211

Reference Method: EPA 8321B

Batch ID: P421330

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2364287	Acesulfame K	98.5	79.2	P/P	40 - 150
2364287	AMPA	55.5	61.8	P/P	40 - 150
2364287	Endothall	171	172	F/F	40 - 150
2364287	Glufosinate	70.4	70.0	P/P	40 - 150
2364287	Sucralose	80.1	84.6	P/P	40 - 150

Reference Method: EPA 8321B

Batch ID: P421444

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2365599	2,4-D	111	117	P/P	40 - 150
2365599	2,4,5-T	87.3	79.5	P/P	40 - 150
2365599	Acetaminophen	120	118	P/P	30 - 150
2365599	Acetamiprid	85.0	101	P/P	40 - 150
2365599	Afidopyropen	76.2	84.1	P/P	30 - 150
2365599	Bentazon	93.0	84.9	P/P	30 - 150
2365599	Benzovindiflupyr	86.6	90.8	P/P	40 - 150
2365599	Carbamazepine	91.7	95.6	P/P	40 - 150
2365599	Clothianidin	124	118	P/P	40 - 150
2365599	Dinotefuran	145	144	P/P	40 - 150
2365599	Diuron	79.3	73.2	P/P	40 - 150
2365599	Fenuron	105	104	P/P	40 - 150
2365599	Fluridone	101	99.8	P/P	40 - 150
2365599	Hydrocodone	123	124	P/P	40 - 150
2365599	Ibuprofen	95.5	89.8	P/P	40 - 150
2365599	Imazapyr	134	122	P/P	40 - 150
2365599	Imidacloprid	156	148	F/P	40 - 150
2365599	Linuron	85.0	78.1	P/P	40 - 150
2365599	Mandestrobin	88.3	89.6	P/P	40 - 150
2365599	MCPP	107	108	P/P	40 - 150
2365599	Naproxen	96.7	91.8	P/P	40 - 150
2365599	Primidone	111	98.3	P/P	40 - 150
2365599	Pyraclostrobin	88.1	89.5	P/P	40 - 150
2365599	Silvex	85.3	83.0	P/P	40 - 150
2365599	Thiamethoxam	145	141	P/P	40 - 150
2365599	Tolfenpyrad	53.3	52.8	P/P	30 - 150
2365599	Triclopyr	76.0	76.8	P/P	40 - 150

Quality Assurance Report Precision

Reference Method: EPA 8270E

Batch ID: P421468

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2364466	PCB-1016	3.64	Spike	P	0 - 32
2364466	PCB-1260	1.22	Spike	P	0 - 31
2364468	Aldrin	2.89	Spike	P	0 - 41
2364468	Alpha-BHC	1.47	Spike	P	0 - 25
2364468	Alpha-Chlordane	18.5	Spike	P	0 - 33
2364468	Beta-BHC	1.71	Spike	P	0 - 36
2364468	Beta-Cyfluthrin	2.56	Spike	P	0 - 42
2364468	Bifenthrin	3.89	Spike	P	0 - 53
2364468	Carbophenothion	8.42	Spike	P	0 - 30
2364468	Chlorothalonil	1.43	Spike	P	0 - 71
2364468	Cis-Nonachlor	11.5	Spike	P	0 - 29
2364468	Cypermethrin	18.0	Spike	P	0 - 40
2364468	Dacthal	11.8	Spike	P	0 - 26
2364468	DDD-p,p'	2.40	Spike	P	0 - 39
2364468	DDE-p,p'	0.920	Spike	P	0 - 33
2364468	DDT-p,p'	4.00	Spike	P	0 - 40
2364468	Delta-BHC	0.732	Spike	P	0 - 37
2364468	Deltamethrin	4.28	Spike	P	0 - 100
2364468	Dichlobenil	1.69	Spike	P	0 - 40
2364468	Dicofol	5.88	Spike	P	0 - 31
2364468	Dieldrin	0.627	Spike	P	0 - 27
2364468	Endosulfan I	0.595	Spike	P	0 - 23
2364468	Endosulfan II	20.0	Spike	P	0 - 28
2364468	Endosulfan Sulfate	9.73	Spike	P	0 - 38
2364468	Endrin	13.4	Spike	P	0 - 63
2364468	Endrin Aldehyde	1.72	Spike	P	0 - 60
2364468	Endrin Ketone	4.70	Spike	P	0 - 37
2364468	Esfenvalerate	7.17	Spike	P	0 - 52
2364468	Ethalfuralin	15.1	Spike	P	0 - 23
2364468	Fenpropathrin	2.00	Spike	P	0 - 32
2364468	Gamma-BHC	2.38	Spike	P	0 - 17
2364468	Gamma-Chlordane	9.37	Spike	P	0 - 40
2364468	Heptachlor	7.43	Spike	P	0 - 29
2364468	Heptachlor Epoxide	0.911	Spike	P	0 - 25
2364468	Hexachlorobenzene	0.491	Spike	P	0 - 36
2364468	Kepone	10.1	Spike	P	0 - 93
2364468	Lambda-Cyhalothrin	11.0	Spike	P	0 - 55
2364468	Methoprene	9.37	Spike	P	0 - 53
2364468	Methoxychlor	4.28	Spike	P	0 - 29
2364468	MGK-264	1.87	Spike	P	0 - 35
2364468	Mirex	0.258	Spike	P	0 - 46
2364468	Oxychlordane	16.2	Spike	P	0 - 29
2364468	Permethrin	2.48	Spike	P	0 - 44
2364468	Phenothrin	5.10	Spike	P	0 - 56
2364468	Piperonyl Butoxide	4.24	Spike	P	0 - 100
2364468	Prallethrin	20.5	Spike	P	0 - 42
2364468	Tau-Fluvalinate	0.717	Spike	P	0 - 54
2364468	Tetramethrin	1.89	Spike	P	0 - 51
2364468	Trans-Nonachlor	15.3	Spike	P	0 - 37
2364468	Triclosan Methyl	2.73	Spike	P	0 - 31
2364468	Trifluralin	9.03	Spike	P	0 - 30

Quality Assurance Report Precision

Reference Method: EPA 8276

Batch ID: P421468

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2364466	Chlordane	2.45	Spike	P	0 - 25
2364466	Toxaphene	3.41	Spike	P	0 - 26

Reference Method: EPA 8321B

Batch ID: P421330

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2364287	Acesulfame K	21.7	Spike	P	0 - 30
2364287	AMPA	7.39	Spike	P	0 - 30
2364287	Endothall	0.471	Spike	P	0 - 30
2364287	Glufosinate	0.658	Spike	P	0 - 30
2364287	Glyphosate	2.68	Spike	P	0 - 30
2364287	Sucralose	0.696	Spike	P	0 - 30

Reference Method: EPA 8321B

Batch ID: P421444

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2365599	2,4-D	5.23	Spike	P	0 - 30
2365599	2,4,5-T	9.38	Spike	P	0 - 30
2365599	Acetaminophen	2.13	Spike	P	0 - 30
2365599	Acetamiprid	17.4	Spike	P	0 - 30
2365599	Afidopyropen	9.86	Spike	P	0 - 30
2365599	Bentazon	4.91	Spike	P	0 - 30
2365599	Benzovindiflupyr	4.72	Spike	P	0 - 30
2365599	Carbamazepine	3.77	Spike	P	0 - 30
2365599	Clothianidin	4.94	Spike	P	0 - 30
2365599	Dinotefuran	1.18	Spike	P	0 - 30
2365599	Diuron	6.36	Spike	P	0 - 30
2365599	Fenuron	1.25	Spike	P	0 - 30
2365599	Fluridone	0.869	Spike	P	0 - 30
2365599	Hydrocodone	0.769	Spike	P	0 - 30
2365599	Ibuprofen	6.14	Spike	P	0 - 30
2365599	Imazapyr	5.38	Spike	P	0 - 30
2365599	Imidacloprid	5.15	Spike	P	0 - 30
2365599	Linuron	8.47	Spike	P	0 - 30
2365599	Mandestrobin	1.44	Spike	P	0 - 30
2365599	MCPP	0.987	Spike	P	0 - 30
2365599	Naproxen	5.26	Spike	P	0 - 30
2365599	Primidone	12.5	Spike	P	0 - 30
2365599	Pyraclostrobin	1.67	Spike	P	0 - 30
2365599	Silvex	2.80	Spike	P	0 - 30
2365599	Thiamethoxam	3.37	Spike	P	0 - 30
2365599	Tolfenpyrad	0.982	Spike	P	0 - 30
2365599	Triclopyr	1.14	Spike	P	0 - 30

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

Quality Assurance Report Surrogates

Lab Sample ID: 2364799

Field Sample ID: G3SD0090

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Decachlorobiphenyl	55.1	P	29 - 130
EPA 8270E	Decachlorobiphenyl	38.2	P	30 - 118
EPA 8270E	Tetrachloro-m-xylene	42.8	P	29 - 104
EPA 8270E	Tetrachloro-m-xylene	35.8	P	30 - 97.0
EPA 8276	Decachlorobiphenyl	31.1	P	30 - 101
EPA 8276	PCNB	67.0	P	48 - 121

Lab Sample ID: 2364800

Field Sample ID: G3SD0090

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	124	P	30 - 160
EPA 8321B	Acetaminophen-d4	134	P	30 - 160
EPA 8321B	Carbamazepine-d10	64.3	P	30 - 160
EPA 8321B	Diuron-d6	48.7	P	30 - 160
EPA 8321B	Endothall-d6	156	P	30 - 160
EPA 8321B	Glyphosate 13C 15N	96.4	P	30 - 160
EPA 8321B	Ibuprofen-d3	80.8	P	30 - 160
EPA 8321B	Primidone-d5	108	P	30 - 160
EPA 8321B	Sucralose-d6	102	P	30 - 160

Quality Assurance Report Calibration Verification

Reference Method: EPA 8321B
Run ID: A115529
Included Lab Sample IDs: 2364800

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
AMPA	96.2	113	P/P	60 - 160
Endothall	108	119	P/P	60 - 160
Glufosinate	75.4	91.7	P/P	60 - 160
Glyphosate	97.0	104	P/P	60 - 160

Reference Method: EPA 8321B
Run ID: A115569
Included Lab Sample IDs: 2364800

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Acesulfame K	102	100	P/P	60 - 160
Sucralose	94.6	93.2	P/P	60 - 160

Reference Method: EPA 8321B
Run ID: A115634
Included Lab Sample IDs: 2364800

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
2,4-D	90.6	103	P/P	50 - 150
2,4,5-T	110	112	P/P	50 - 150
Acetaminophen	108	110	P/P	60 - 160
Acetamiprid	101	105	P/P	50 - 150
Afidopyropen	107	112	P/P	50 - 150
Bentazon	125	125	P/P	50 - 160
Benzovindiflupyr	102	109	P/P	50 - 150
Carbamazepine	111	115	P/P	60 - 150
Clothianidin	100	115	P/P	60 - 150
Dinotefuran	120	120	P/P	50 - 150
Diuron	109	105	P/P	60 - 160
Fenuron	105	105	P/P	60 - 150
Fluridone	111	112	P/P	60 - 160
Hydrocodone	109	110	P/P	60 - 150
Ibuprofen	86.5	94.9	P/P	50 - 160
Imazapyr	109	108	P/P	50 - 150
Imidacloprid	98.0	102	P/P	60 - 150
Linuron	104	109	P/P	60 - 150
Mandestrobin	104	107	P/P	50 - 150
MCPP	116	107	P/P	50 - 150
Naproxen	90.9	74.4	P/P	50 - 160
Primidone	100	105	P/P	60 - 150
Pyraclostrobin	106	106	P/P	60 - 150
Silvex	98.9	99.2	P/P	50 - 150
Thiamethoxam	104	107	P/P	50 - 150
Tolfenpyrad	104	105	P/P	60 - 150
Triclopyr	115	106	P/P	50 - 150

Reference Method: EPA 8270E
Run ID: A115671
Included Lab Sample IDs: 2364799

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
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Quality Assurance Report Calibration Verification

Reference Method: EPA 8270E
Run ID: A115671
Included Lab Sample IDs: 2364799

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
PCB-1016	99.6		P	80 - 120
PCB-1260	99.2		P	80 - 120

Reference Method: EPA 8270E
Run ID: A115680
Included Lab Sample IDs: 2364799

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Aldrin	98.7		P	80 - 120
Alpha-BHC	102		P	80 - 120
Alpha-Chlordane	106		P	80 - 120
Beta-BHC	89.6		P	80 - 120
Beta-Cyfluthrin	123*		F	80 - 120
Bifenthrin	110		P	80 - 120
Carbophenothion	117		P	80 - 120
Chlorothalonil	112		P	80 - 120
Cis-Nonachlor	86.7		P	80 - 120
Cypermethrin	83.4		P	80 - 120
Dacthal	101		P	80 - 120
DDD-p,p'	119		P	80 - 120
DDE-p,p'	110		P	80 - 120
DDT-p,p'	102		P	80 - 120
Delta-BHC	107		P	80 - 120
Deltamethrin	107		P	80 - 120
Dichlobenil	108		P	80 - 120
Dicofol	101		P	80 - 120
Dieldrin	110		P	80 - 120
Endosulfan I	112		P	80 - 120
Endosulfan II	90.9		P	80 - 120
Endosulfan Sulfate	105		P	80 - 120
Endrin	98.6		P	80 - 120
Endrin Aldehyde	94.6		P	80 - 120
Endrin Ketone	104		P	80 - 120
Esfenvalerate	115		P	80 - 120
Ethalfuralin	96.1		P	80 - 120
Fenpropathrin	115		P	80 - 120
Gamma-BHC	99.5		P	80 - 120
Gamma-Chlordane	103		P	80 - 120
Heptachlor	118		P	80 - 120
Heptachlor Epoxide	96.1		P	80 - 120
Hexachlorobenzene	92.5		P	80 - 120
Kepone	50.6*		F	80 - 120
Lambda-Cyhalothrin	110		P	80 - 120
Methoprene	110		P	80 - 120
Methoxychlor	100		P	80 - 120
MGK-264	91.8		P	80 - 120
Mirex	109		P	80 - 120
Oxychlordane	107		P	80 - 120
Permethrin	110		P	80 - 120
Phenothrin	113		P	80 - 120
Piperonyl Butoxide	105		P	80 - 120

Quality Assurance Report Calibration Verification

Reference Method: EPA 8270E
Run ID: A115680
Included Lab Sample IDs: 2364799

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Prallethrin	111		P	80 - 120
Tau-Fluvalinate	120*		F	80 - 120
Tetramethrin	108		P	80 - 120
Trans-Nonachlor	109		P	80 - 120
Triclosan Methyl	108		P	80 - 120
Trifluralin	98.5		P	80 - 120

Reference Method: EPA 8276
Run ID: A115751
Included Lab Sample IDs: 2364799

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Chlordane	103		P	80 - 120
Toxaphene	106		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 SMP	MS
			LCS			
EPA 8270E	Aldrin	51.2	67.9	69.8		2.89
	Alpha-BHC	82.0	89.0	87.8		1.47
	Alpha-Chlordane	61.1	58.8	48.8		18.5
	Beta-BHC	80.6	99.4	97.7		1.71
	Beta-Cyfluthrin	60.0	134	131		2.56
	Bifenthrin	38.5	76.5	73.5		3.89
	Carbophenothion	42.9	65.8	60.5		8.42
	Chlorothalonil	94.7	124	126		1.43
	Cis-Nonachlor	50.5	61.6	69.1		11.5
	Cypermethrin	64.1	113	94.1		18.0
	Dacthal	82.5	90.1	80.1		11.8
	DDD-p,p'	65.6	87.6	85.5		2.40
	DDE-p,p'	59.0	63.3	62.7		0.920
	DDT-p,p'	59.1	66.1	63.5		4.00
	Delta-BHC	90.9	117	118		0.732
	Deltamethrin	55.0	119	124		4.28
	Dichlobenil	82.3	89.9	88.4		1.69
	Dicofol	65.9	71.3	75.6		5.88
	Dieldrin	60.0	65.4	65.8		0.627
	Endosulfan I	60.1	70.2	69.8		0.595
	Endosulfan II	61.6	45.8	37.4		20.0
	Endosulfan Sulfate	85.5	115	105		9.73
	Endrin	65.0	76.4	66.8		13.4
	Endrin Aldehyde	61.7	92.1	90.5		1.72
	Endrin Ketone	92.4	103	108		4.70
	Esfenvalerate	39.5	90.0	83.7		7.17
	Ethalfuralin	61.0	67.4	57.9		15.1
	Fenpropathrin	53.2	89.4	87.6		2.00
	Gamma-BHC	81.7	98.0	95.7		2.38
	Gamma-Chlordane	54.2	71.7	65.3		9.37
	Heptachlor	67.2	60.9	56.5		7.43
	Heptachlor Epoxide	70.1	86.6	87.4		0.911
	Hexachlorobenzene	68.4	67.8	67.5		0.491
	Kepone	26.1	32.4	29.2		10.1
	Lambda-Cyhalothrin	42.7	80.0	71.6		11.0
	Methoprene	45.5	74.9	68.2		9.37
	Methoxychlor	67.1	82.9	86.6		4.28
	MGK-264	74.0	97.3	99.1		1.87
	Mirex	42.6	55.2	55.1		0.258
	Oxychlordane	71.3	66.4	56.5		16.2
	PCB-1016	73.4	57.9	60.0		3.64
	PCB-1260	72.7	57.0	57.7		1.22
	Permethrin	57.1	113	116		2.48
	Phenothrin	47.7	86.6	82.3		5.10
	Piperonyl Butoxide	101	124	129		4.24
	Prallethrin	82.8	94.9	77.3		20.5
	Tau-Fluvalinate	32.1	86.0	85.3		0.717
	Tetramethrin	70.0	105	103		1.89
	Trans-Nonachlor	41.9	54.0	46.4		15.3
	Triclosan Methyl	75.6	85.7	83.4		2.73
	Trifluralin	65.3	67.6	61.7		9.03
EPA 8276	Chlordane	76.2	65.7	67.3		2.45
	Toxaphene	67.7	60.2	62.3		3.41
EPA 8321B	2,4-D	81.5	111	117		5.23

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery	MS % Recovery		LCS	Precision	MS
						SMP	
EPA 8321B	2,4,5-T	76.4	87.3	79.5			9.38
	Acesulfame K	95.9	98.5	79.2			21.7
	Acetaminophen	99.2	120	118			2.13
	Acetamiprid	71.9	85.0	101			17.4
	Afidopyropen	53.5	76.2	84.1			9.86
	AMPA	103	55.5	61.8			7.39
	Bentazon	104	93.0	84.9			4.91
	Benzovindiflupyr	86.0	86.6	90.8			4.72
	Carbamazepine	94.2	91.7	95.6			3.77
	Clothianidin	92.6	124	118			4.94
	Dinotefuran	115	145	144			1.18
	Diuron	85.5	79.3	73.2			6.36
	Endothall	95.0	171	172			0.471
	Fenuron	112	105	104			1.25
	Fluridone	99.1	101	99.8			0.869
	Glufosinate	92.1	70.4	70.0			0.658
	Glyphosate	94.6					2.68
	Hydrocodone	102	123	124			0.769
	Ibuprofen	80.3	95.5	89.8			6.14
	Imazapyr	96.6	134	122			5.38
	Imidacloprid	101	156	148			5.15
	Linuron	81.1	85.0	78.1			8.47
	Mandestrobin	89.4	88.3	89.6			1.44
	MCPP	99.6	107	108			0.987
	Naproxen	61.8	96.7	91.8			5.26
	Primidone	89.1	111	98.3			12.5
	Pyraclostrobin	75.5	88.1	89.5			1.67
	Silvex	69.7	85.3	83.0			2.80
	Sucralose	92.5	80.1	84.6			0.696
	Thiamethoxam	99.0	145	141			3.37
	Tolfenpyrad	38.0	53.3	52.8			0.982
	Triclopyr	68.8	76.0	76.8			1.14

Reference Method Descriptions

Method	Description	<u>Associated Samples</u>
EPA 8270E	Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS	2364799
EPA 8270E	PCBs in water matrices by GC/MS/MS	2364799
EPA 8276	Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization	2364799
EPA 8321B	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS	2364800

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 8270E	10/25/2022	10/28/2022 08:20	Rasheda Ghaffari	11/01/2022 20:50	Vandana T. Nagar	2364799
	10/25/2022	10/28/2022 08:20	Rasheda Ghaffari	11/01/2022 22:40	Julie Wi	2364799
EPA 8276	10/25/2022	10/28/2022 08:20	Rasheda Ghaffari	11/03/2022 04:54	Lipi Saha	2364799
EPA 8321B	10/25/2022	10/25/2022 13:00	Umesh Chiluwal	10/25/2022 16:01	Umesh Chiluwal	2364800
	10/25/2022	10/25/2022 13:00	Umesh Chiluwal	10/26/2022 14:50	Umesh Chiluwal	2364800
	10/25/2022	10/28/2022 09:30	June Rhew	10/28/2022 19:02	Juyoung Kim	2364800