

Chemical Analysis Report

CEN-DIST-2019-11-07-01

Florida Department of Environmental Protection
Central Laboratory
2600 Blair Stone Road
Tallahassee, FL 32399-2400
DOH Accreditation E31780

Event Description: **UnBranch X2 / Groover X2**
Request ID: **RQ-2019-11-04-60**
Customer: **CEN-DIST**
Project ID: **SMP**

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Date Certified: 19-NOV-2019 17:51



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: Unnamed Branch @ 60m upstream of Airport Road

Collection Date/Time: 11/06/2019 11:00

Field ID: G5CE0084

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2134522	EPA 8321B	2,4-D	0.0020	U	ug/L	P373854	
		Acesulfame K**	0.10	U	ug/L	P373843	
		AMPA**	0.10	U	ug/L	P373843	
		Sucralose**	0.047		ug/L	P373843	MS
		Acetaminophen**	0.0080	U	ug/L	P373854	
		Acetamiprid**	0.0020	U	ug/L	P373854	
		Endothall**	0.25	U	ug/L	P373843	
		Glufosinate**	0.10	U	ug/L	P373843	
		Glyphosate**	0.14	I	ug/L	P373843	MS
		Afidopyropen**	0.0020	UJ	ug/L	P373854	
		Bentazon	0.11		ug/L	P373854	
		Benzovindiflupyr**	0.0020	UJ	ug/L	P373854	
		Carbamazepine**	8.0E-04	U	ug/L	P373854	
		Clothianidin**	0.0048	I	ug/L	P373854	
		Dinotefuran**	0.0020	U	ug/L	P373854	
		Diuron	0.0020	U	ug/L	P373854	
		Fenuron	0.016	U	ug/L	P373854	
		Fluridone**	0.013		ug/L	P373854	
		Imazapyr**	0.25		ug/L	P373854	
		Hydrocodone**	0.0020	U	ug/L	P373854	
		Ibuprofen**	0.020	U	ug/L	P373854	
		Imidacloprid	0.0091		ug/L	P373854	MS
		Linuron	0.0040	U	ug/L	P373854	
		Mandestrobin**	0.0020	UJ	ug/L	P373854	
		MCPP	0.0020	U	ug/L	P373854	
		Naproxen**	0.0080	U	ug/L	P373854	
		Primidone**	0.0040	U	ug/L	P373854	
		Pyraclostrobin**	0.0020	U	ug/L	P373854	
		Thiamethoxam**	0.0020	U	ug/L	P373854	
		Tolfenpyrad**	0.0020	U	ug/L	P373854	
		Triclopyr**	0.0040	U	ug/L	P373854	

Ref. Method and Comment:

EPA 8321B: J - second source check standards for some analytes were not available for analysis. MS accuracy for diuron and imazapyr could not be assessed due to high concentration of parameter in the spiked sample.

Sample Location: Unnamed Branch @ Bear Creek Path

Collection Date/Time: 11/06/2019 11:25

Field ID: G5CE0032

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2134523	EPA 8321B	2,4-D	0.0040	I	ug/L	P373854	
		Acesulfame K**	0.10	U	ug/L	P373843	
		AMPA**	0.18	I	ug/L	P373843	
		Sucralose**	0.099		ug/L	P373843	MS
		Acetaminophen**	0.0080	U	ug/L	P373854	
		Acetamiprid**	0.0020	U	ug/L	P373854	
		Endothall**	0.25	U	ug/L	P373843	
		Glufosinate**	0.10	U	ug/L	P373843	
		Glyphosate**	0.24	I	ug/L	P373843	MS
		Afidopyropen**	0.0020	UJ	ug/L	P373854	
		Bentazon	0.19		ug/L	P373854	
		Benzovindiflupyr**	0.0020	UJ	ug/L	P373854	
		Carbamazepine**	8.0E-04	U	ug/L	P373854	
		Clothianidin**	0.011		ug/L	P373854	
		Dinotefuran**	0.0021	I	ug/L	P373854	
		Diuron	0.0020	U	ug/L	P373854	
		Fenuron	0.016	U	ug/L	P373854	
		Fluridone**	0.031		ug/L	P373854	
		Imazapyr**	0.31		ug/L	P373854	
		Hydrocodone**	0.0020	U	ug/L	P373854	
		Ibuprofen**	0.020	U	ug/L	P373854	
		Imidacloprid	0.013		ug/L	P373854	MS
		Linuron	0.0040	U	ug/L	P373854	
		Mandestrobin**	0.0020	UJ	ug/L	P373854	
		MCPP	0.0022	I	ug/L	P373854	
		Naproxen**	0.0080	U	ug/L	P373854	
		Primidone**	0.0040	U	ug/L	P373854	
		Pyraclostrobin**	0.0020	U	ug/L	P373854	
		Thiamethoxam**	0.0020	U	ug/L	P373854	
		Tolfenpyrad**	0.0020	U	ug/L	P373854	
		Triclopyr**	0.0040	U	ug/L	P373854	

Ref. Method and Comment:

EPA 8321B: J - second source check standards for some analytes were not available for analysis. MS accuracy for diuron and imazapyr could not be assessed due to high concentration of parameter in the spiked sample.

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8321B
Batch ID: P373843

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: P373854

Component	Result	Code	Units
2,4-D	0.0020	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	0.016	U	ug/L
Fluridone	8.0E-04	U	ug/L
Hydrocodone	0.0020	U	ug/L
Ibuprofen	0.020	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
MCPP	0.0020	U	ug/L
Naproxen	0.0080	U	ug/L
Primidone	0.0040	U	ug/L
Pyraclostrobin	0.0020	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 8321B

Batch ID: P373843

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Acesulfame K	69.6		P	40 - 150
AMPA	105		P	40 - 150
Endothall	94.8		P	40 - 150
Glufosinate	105		P	40 - 150
Glyphosate	112		P	40 - 140
Sucralose	102		P	40 - 150

Reference Method: EPA 8321B

Batch ID: P373854

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2,4-D	120		P	40 - 160
Acetaminophen	76.8		P	30 - 160
Acetamiprid	90.2		P	40 - 160
Afidopyropen	100		P	40 - 160
Bentazon	95.5		P	30 - 160
Benzovindiflupyr	88.8		P	40 - 160
Carbamazepine	96.8		P	40 - 160
Clothianidin	88.2		P	40 - 160
Dinotefuran	89.2		P	40 - 160
Diuron	98.2		P	40 - 160
Fenuron	95.5		P	40 - 160
Fluridone	96.3		P	40 - 160
Hydrocodone	80.8		P	40 - 160
Ibuprofen	99.9		P	30 - 160
Imazapyr	72.2		P	40 - 160
Imidacloprid	99.8		P	40 - 160
Linuron	78.8		P	40 - 160
Mandestrobin	89.7		P	40 - 160
MCPP	139		P	40 - 160
Naproxen	71.6		P	40 - 160
Primidone	94.9		P	40 - 160
Pyraclostrobin	84.3		P	30 - 160
Thiamethoxam	91.4		P	40 - 160
Tolfenpyrad	60.8		P	40 - 160
Triclopyr	94.4		P	30 - 160

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8321B
 Batch ID: P373843

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2134483	Acesulfame K	96.7	100	P/P	40 - 150
2134483	AMPA	144	138	P/P	40 - 150
2134483	Endothall	97.7	106	P/P	40 - 150
2134483	Glufosinate	83.3	99.9	P/P	40 - 150
2134483	Glyphosate	231	265	F/F	40 - 140
2134483	Sucralose	32.8	34.8	F/F	40 - 150

Reference Method: EPA 8321B
 Batch ID: P373854

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2134511	2,4-D	129	130	P/P	40 - 160
2134511	Acetaminophen	76.0	80.1	P/P	30 - 160
2134511	Acetamiprid	107	119	P/P	40 - 160
2134511	Afidopyropen	118	134	P/P	40 - 160
2134511	Bentazon	70.7	62.9	P/P	30 - 160
2134511	Benzovindiflupyr	98.8	100	P/P	40 - 160
2134511	Carbamazepine	95.7	96.5	P/P	40 - 160
2134511	Clothianidin	97.3	97.9	P/P	40 - 160
2134511	Dinotefuran	117	123	P/P	40 - 160
2134511	Fenuron	94.5	94.7	P/P	40 - 160
2134511	Fluridone	94.3	93.3	P/P	40 - 160
2134511	Hydrocodone	96.2	100	P/P	40 - 160
2134511	Ibuprofen	95.1	98.8	P/P	30 - 160
2134511	Imidacloprid	173	188	F/F	40 - 160
2134511	Linuron	78.7	83.5	P/P	40 - 160
2134511	Mandestrobin	93.8	96.8	P/P	40 - 160
2134511	MCP	142	141	P/P	40 - 160
2134511	Naproxen	78.8	78.5	P/P	40 - 160
2134511	Primidone	113	111	P/P	40 - 160
2134511	Pyraclostrobin	89.2	91.1	P/P	30 - 160
2134511	Thiamethoxam	140	147	P/P	40 - 160
2134511	Tolfenpyrad	62.7	66.1	P/P	40 - 160
2134511	Triclopyr	98.2	95.3	P/P	30 - 160

Quality Assurance Report Precision

Reference Method: EPA 8321B
 Batch ID: P373843

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2134483	Acesulfame K	3.33	Spike	P	0 - 30
2134483	AMPA	2.14	Spike	P	0 - 30
2134483	Endothall	7.96	Spike	P	0 - 30
2134483	Glufosinate	18.2	Spike	P	0 - 30
2134483	Glyphosate	7.84	Spike	P	0 - 30
2134483	Sucralose	3.81	Spike	P	0 - 30

Reference Method: EPA 8321B
 Batch ID: P373854

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2134511	2,4-D	0.425	Spike	P	0 - 30
2134511	Acetaminophen	3.64	Spike	P	0 - 30
2134511	Acetamiprid	10.6	Spike	P	0 - 30
2134511	Afidopyropen	12.3	Spike	P	0 - 30
2134511	Bentazon	8.61	Spike	P	0 - 30
2134511	Benzovindiflupyr	1.62	Spike	P	0 - 30
2134511	Carbamazepine	0.716	Spike	P	0 - 30
2134511	Clothianidin	0.606	Spike	P	0 - 30
2134511	Dinotefuran	5.50	Spike	P	0 - 30
2134511	Diuron	0.311	Spike	P	0 - 30
2134511	Fenuron	0.192	Spike	P	0 - 30
2134511	Fluridone	0.891	Spike	P	0 - 30
2134511	Hydrocodone	3.97	Spike	P	0 - 30
2134511	Ibuprofen	3.79	Spike	P	0 - 30
2134511	Imazapyr	2.96	Spike	P	0 - 30
2134511	Imidacloprid	7.85	Spike	P	0 - 30
2134511	Linuron	5.95	Spike	P	0 - 30
2134511	Mandestrobin	3.11	Spike	P	0 - 30
2134511	MCPP	0.405	Spike	P	0 - 30
2134511	Naproxen	0.364	Spike	P	0 - 30
2134511	Primidone	2.15	Spike	P	0 - 30
2134511	Pyraclostrobin	2.11	Spike	P	0 - 30
2134511	Thiamethoxam	5.09	Spike	P	0 - 30
2134511	Tolfenpyrad	5.38	Spike	P	0 - 30
2134511	Triclopyr	2.99	Spike	P	0 - 30

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

Quality Assurance Report Surrogates

Lab Sample ID: 2134522
 Field Sample ID: G5CE0084

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	123	P	30 - 160
EPA 8321B	Acetaminophen-d4	75.7	P	30 - 160
EPA 8321B	Carbamazepine-d10	74.9	P	30 - 160
EPA 8321B	Diuron-d6	75.2	P	30 - 160
EPA 8321B	Endothall-d6	93.0	P	30 - 160
EPA 8321B	Endothall-d6	93.0	P	30 - 160
EPA 8321B	Glyphosate 13C 15N	95.8	P	30 - 160
EPA 8321B	Glyphosate 13C 15N	95.8	P	30 - 160
EPA 8321B	Ibuprofen-d3	93.2	P	30 - 160
EPA 8321B	Primidone-d5	94.0	P	30 - 160
EPA 8321B	Sucralose-d6	101	P	30 - 160
EPA 8321B	Sucralose-d6	101	P	30 - 160

Lab Sample ID: 2134523
 Field Sample ID: G5CE0032

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	145	P	30 - 160
EPA 8321B	Acetaminophen-d4	87.2	P	30 - 160
EPA 8321B	Carbamazepine-d10	83.3	P	30 - 160
EPA 8321B	Diuron-d6	85.2	P	30 - 160
EPA 8321B	Endothall-d6	107	P	30 - 160
EPA 8321B	Endothall-d6	107	P	30 - 160
EPA 8321B	Glyphosate 13C 15N	97.2	P	30 - 160
EPA 8321B	Glyphosate 13C 15N	97.2	P	30 - 160
EPA 8321B	Ibuprofen-d3	110	P	30 - 160
EPA 8321B	Primidone-d5	103	P	30 - 160
EPA 8321B	Sucralose-d6	58.3	P	30 - 160
EPA 8321B	Sucralose-d6	58.3	P	30 - 160

Quality Assurance Report Calibration Verification

Reference Method: EPA 8321B

Run ID: A95629

Included Lab Sample IDs: 2134522, 2134523

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
2,4-D	87.3	94.5	P/P	50 - 150
Acetaminophen	106	105	P/P	60 - 160
Acetamiprid	111	110	P/P	50 - 150
Afidopyropen	104	110	P/P	50 - 150
Bentazon	107	108	P/P	50 - 160
Benzovindiflupyr	107	109	P/P	50 - 150
Carbamazepine	106	110	P/P	60 - 150
Clothianidin	95.7	104	P/P	60 - 150
Dinotefuran	106	101	P/P	50 - 150
Diuron	111	106	P/P	60 - 150
Fenuron	110	110	P/P	60 - 150
Fluridone	111	117	P/P	60 - 160
Hydrocodone	108	105	P/P	60 - 150
Ibuprofen	90.1	89.3	P/P	50 - 160
Imazapyr	81.9	73.7	P/P	50 - 150
Imidacloprid	100	99.9	P/P	60 - 150
Linuron	105	101	P/P	60 - 150
Mandestrobin	111	111	P/P	50 - 150
MCPP	95.0	99.7	P/P	50 - 150
Naproxen	79.7	81.3	P/P	50 - 160
Primidone	96.5	98.4	P/P	60 - 150
Pyraclostrobin	96.8	97.9	P/P	60 - 150
Thiamethoxam	100	103	P/P	50 - 150
Tolfenpyrad	107	102	P/P	60 - 150
Triclopyr	78.7	85.2	P/P	50 - 150

Reference Method: EPA 8321B

Run ID: A95640

Included Lab Sample IDs: 2134522, 2134523

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
AMPA	102	72.9	P/P	60 - 160
Glufosinate	103	72.6	P/P	60 - 160
Glyphosate	101	79.9	P/P	60 - 160

Reference Method: EPA 8321B

Run ID: A95655

Included Lab Sample IDs: 2134522, 2134523

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Acesulfame K	71.9	62.5	P/P	60 - 160
Endothall	108	88.0	P/P	60 - 160

Reference Method: EPA 8321B

Run ID: A95766

Included Lab Sample IDs: 2134522, 2134523

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Sucralose	111	104	P/P	60 - 160

Quality Assurance Report

Calibration Verification

* 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 8321B	2,4-D	120	129	130		0.425
	Acesulfame K	69.6	96.7	100		3.33
	Acetaminophen	76.8	76.0	80.1		3.64
	Acetamiprid	90.2	107	119		10.6
	Afidopyropen	100	118	134		12.3
	AMPA	105	144	138		2.14
	Bentazon	95.5	70.7	62.9		8.61
	Benzovindiflupyr	88.8	98.8	100		1.62
	Carbamazepine	96.8	95.7	96.5		0.716
	Clothianidin	88.2	97.3	97.9		0.606
	Dinotefuran	89.2	117	123		5.50
	Diuron	98.2				0.311
	Endothall	94.8	97.7	106		7.96
	Fenuron	95.5	94.5	94.7		0.192
	Fluridone	96.3	94.3	93.3		0.891
	Glufosinate	105	83.3	99.9		18.2
	Glyphosate	112	231	265		7.84
	Hydrocodone	80.8	96.2	100		3.97
	Ibuprofen	99.9	95.1	98.8		3.79
	Imazapyr	72.2				2.96
	Imidacloprid	99.8	173	188		7.85
	Linuron	78.8	78.7	83.5		5.95
	Mandestrobin	89.7	93.8	96.8		3.11
	MCPP	139	142	141		0.405
	Naproxen	71.6	78.8	78.5		0.364
	Primidone	94.9	113	111		2.15
	Pyraclostrobin	84.3	89.2	91.1		2.11
	Sucralose	102	32.8	34.8		3.81
	Thiamethoxam	91.4	140	147		5.09
	Tolfenpyrad	60.8	62.7	66.1		5.38
	Triclopyr	94.4	98.2	95.3		2.99

Reference Method Descriptions

Method / DoH Cert

EPA 8321B / E31780
EPA 8321B / E31780

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Water soluble organic compounds by HPLC/MS/MS

Associated Samples

2134522, 2134523
2134522, 2134523

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 8321B	11/07/2019	11/07/2019 14:30	Rebecca Ware	11/08/2019 02:43	Rebecca Ware	2134522
	11/07/2019	11/07/2019 14:30	Rebecca Ware	11/08/2019 02:56	Rebecca Ware	2134523
	11/07/2019	11/07/2019 14:30	Rebecca Ware	11/09/2019 00:13	Rebecca Ware	2134522
	11/07/2019	11/07/2019 14:30	Rebecca Ware	11/09/2019 00:24	Rebecca Ware	2134523
	11/07/2019	11/07/2019 14:30	Rebecca Ware	11/14/2019 01:22	Rebecca Ware	2134522
	11/07/2019	11/07/2019 14:30	Rebecca Ware	11/14/2019 01:34	Rebecca Ware	2134523
	11/07/2019	11/08/2019 11:00	Hoor Shaik	11/10/2019 16:56	Juyoung Kim	2134522
	11/07/2019	11/08/2019 11:00	Hoor Shaik	11/10/2019 17:31	Juyoung Kim	2134523
	11/07/2019	11/08/2019 11:00	Hoor Shaik	11/11/2019 22:48	Juyoung Kim	2134522
	11/07/2019	11/08/2019 11:00	Hoor Shaik	11/11/2019 23:22	Juyoung Kim	2134523