

March 14, 2019

Paradise Irrigation District
 6332 Clark Road
 Paradise, CA 95969

Lab ID : CH 1970937
 Customer : 7-5855

Laboratory Report

Introduction: This report package contains total of 23 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(15 pages)	: Results for each sample submitted.
Quality Control	(6 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
Travel Blank	01/31/2019	01/31/2019	CH 1970937-000	DW
7216 Elysee	01/31/2019	01/31/2019	CH 1970937-001	DW
6720 Barnaby	01/31/2019	01/31/2019	CH 1970937-002	DW
6564 Centerpine	01/31/2019	01/31/2019	CH 1970937-003	DW
6565 Centerpine	01/31/2019	01/31/2019	CH 1970937-004	DW
6620 Pentz	01/31/2019	01/31/2019	CH 1970937-005	DW
1546 Boyden	01/31/2019	01/31/2019	CH 1970937-006	DW
1536 Boyden	01/31/2019	01/31/2019	CH 1970937-007	DW
1402 Andrea	01/31/2019	01/31/2019	CH 1970937-008	DW
1409 Andrea	01/31/2019	01/31/2019	CH 1970937-009	DW
SS 2221 DeMille	01/31/2019	01/31/2019	CH 1970937-010	DW
C Tank	01/31/2019	01/31/2019	CH 1970937-011	DW
Redbud/Pinewood	01/31/2019	01/31/2019	CH 1970937-012	DW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Organic QC

524.2	02/02/2019:201722 All analysis quality controls are within established criteria, except: The following note applies to Bromomethane (Methyl Bromide), Trichlorofluoromethane F-11, Chloroethane (Ethyl Chloride), Chloromethane(Methyl Chloride): 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
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March 14, 2019
Paradise Irrigation District

Lab ID : CH 1970937
Customer : 7-5855

Organic QC

524.2	02/02/2019:201325 All preparation quality controls are within established criteria, except: The following note applies to 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, Bromobenzene, Dichloromethane: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Chloroethane (Ethyl Chloride): 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
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Discussion of Analytical Results: -

CH 1970937-010 SS 2221 DeMille

Amended to report tert-butanol (t-butyl alcohol) by
EPA 524.2.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **David Terz, B.A., M.B.A.**



Digitally signed by David Terz, B.A., M.B.A.
Title: QA Director
Date: 2019-03-14

March 14, 2019

Lab ID : CH 1970937-000

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 31, 2019-00:00

Sampled By : Laura Capra

Received On : January 31, 2019-14:13

Matrix : Drinking Water

Description : Travel Blank

Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	104	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	94.0	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Bromobenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Bromochloromethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Bromomethane	ND	0.5	ug/L	0.5	524.2	02/02/19:201325	524.2	02/02/19:201722
n-Butylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
sec-Butylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
tert-Butylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Carbon Tetrachloride	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
tert-Butanol	ND	2	ug/L	70	524.2	02/02/19:201325	524.2	02/02/19:201722
Chlorobenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Chloroethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Chloromethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
2-Chlorotoluene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
4-Chlorotoluene	ND	0.5	ug/L	600	524.2	02/02/19:201325	524.2	02/02/19:201722
Dibromomethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,4-Dichlorobenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Dichlorodifluoromethane	ND	0.5	ug/L	5	524.2	02/02/19:201325	524.2	02/02/19:201722
1,1-Dichloroethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichloroethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,1-Dichloroethylene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
cis-1,2-Dichloroethylene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichloropropane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,3-Dichloropropane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
2,2-Dichloropropane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,1-Dichloropropene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,3-Dichloropropene (Total)	ND	--	ug/L	0.5	524.2	02/02/19:201325	524.2	02/02/19:201722
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Ethyl Benzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

March 14, 2019
Description : Travel Blank

Lab ID : CH 1970937-000
Customer ID : 7-5855

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Hexachlorobutadiene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Isopropylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
p-Isopropyltoluene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Methyl tert-Butyl Ether (MTBE)	ND	1	ug/L	13	524.2	02/02/19:201325	524.2	02/02/19:201722
Naphthalene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
n-Propylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Styrene	ND	0.5	ug/L	100	524.2	02/02/19:201325	524.2	02/02/19:201722
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	02/02/19:201325	524.2	02/02/19:201722
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	02/02/19:201325	524.2	02/02/19:201722
Toluene	ND	0.5	ug/L	150	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	02/02/19:201325	524.2	02/02/19:201722
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	02/02/19:201325	524.2	02/02/19:201722
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	02/02/19:201325	524.2	02/02/19:201722
Trichloroethylene	ND	0.5	ug/L	5	524.2	02/02/19:201325	524.2	02/02/19:201722
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	02/02/19:201325	524.2	02/02/19:201722
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	02/02/19:201325	524.2	02/02/19:201722
Xylenes (Total)	ND	--	ug/L	1750	524.2	02/02/19:201325	524.2	02/02/19:201722
Xylenes m,p	ND	0.5	ug/L	1750	524.2	02/02/19:201325	524.2	02/02/19:201722
Xylenes o	ND	0.5	ug/L	1750	524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019

Lab ID : CH 1970937-001

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 31, 2019-08:10

Sampled By : Laura Capra

Received On : January 31, 2019-14:13

Matrix : Drinking Water

Description : 7216 Elysee

Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	101	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	102	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	8.3	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019

Lab ID : CH 1970937-002
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 31, 2019-08:25
Sampled By : Laura Capra
Received On : January 31, 2019-14:13
Matrix : Drinking Water

Description : 6720 Barnaby
Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	101	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	98.9	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	0.7	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019

Lab ID : CH 1970937-003

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 31, 2019-08:50

Sampled By : Laura Capra

Received On : January 31, 2019-14:13

Matrix : Drinking Water

Description : 6564 Centerpine

Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	99.1	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	96.7	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019

Lab ID : CH 1970937-004
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 31, 2019-09:00
Sampled By : Laura Capra
Received On : January 31, 2019-14:13
Matrix : Drinking Water

Description : 6565 Centerpine
Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	100	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	98.5	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019

Lab ID : CH 1970937-005
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 31, 2019-09:35
Sampled By : Laura Capra
Received On : January 31, 2019-14:13
Matrix : Drinking Water

Description : 6620 Pentz
Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	104	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	96.9	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019

Lab ID : CH 1970937-006
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 31, 2019-09:50
Sampled By : Laura Capra
Received On : January 31, 2019-14:13
Matrix : Drinking Water

Description : 1546 Boyden
Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	98.7	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	93.5	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019

Lab ID : CH 1970937-007
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 31, 2019-09:55
Sampled By : Laura Capra
Received On : January 31, 2019-14:13
Matrix : Drinking Water

Description : 1536 Boyden
Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	97.8	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	96.9	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019

Lab ID : CH 1970937-008

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 31, 2019-10:50

Sampled By : Laura Capra

Received On : January 31, 2019-14:13

Matrix : Drinking Water

Description : 1402 Andrea

Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	107	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	97.3	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019

Lab ID : CH 1970937-009

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 31, 2019-11:00

Sampled By : Laura Capra

Received On : January 31, 2019-14:13

Matrix : Drinking Water

Description : 1409 Andrea

Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	101	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	99.8	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019

Lab ID : CH 1970937-010

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 31, 2019-11:45

Sampled By : Laura Capra

Received On : January 31, 2019-14:13

Matrix : Drinking Water

Description : SS 2221 DeMille

Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	97.9	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	95.0	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	1.1	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Bromobenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Bromochloromethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Bromomethane	ND	0.5	ug/L	0.5	524.2	02/02/19:201325	524.2	02/02/19:201722
n-Butylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
sec-Butylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
tert-Butylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Carbon Tetrachloride	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
tert-Butanol	ND	2	ug/L	70	524.2	02/02/19:201325	524.2	02/02/19:201722
Chlorobenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Chloroethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Chloromethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
2-Chlorotoluene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
4-Chlorotoluene	ND	0.5	ug/L	600	524.2	02/02/19:201325	524.2	02/02/19:201722
Dibromomethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,4-Dichlorobenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Dichlorodifluoromethane	ND	0.5	ug/L	5	524.2	02/02/19:201325	524.2	02/02/19:201722
1,1-Dichloroethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichloroethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,1-Dichloroethylene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
cis-1,2-Dichloroethylene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichloropropane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,3-Dichloropropane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
2,2-Dichloropropane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,1-Dichloropropene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,3-Dichloropropene (Total)	ND	--	ug/L	0.5	524.2	02/02/19:201325	524.2	02/02/19:201722
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Ethyl Benzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

March 14, 2019
Description : SS 2221 DeMille

Lab ID : CH 1970937-010
Customer ID : 7-5855

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Hexachlorobutadiene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Isopropylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
p-Isopropyltoluene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Methyl tert-Butyl Ether (MTBE)	ND	1	ug/L	13	524.2	02/02/19:201325	524.2	02/02/19:201722
Naphthalene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
n-Propylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Styrene	ND	0.5	ug/L	100	524.2	02/02/19:201325	524.2	02/02/19:201722
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	02/02/19:201325	524.2	02/02/19:201722
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	02/02/19:201325	524.2	02/02/19:201722
Toluene	ND	0.5	ug/L	150	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	02/02/19:201325	524.2	02/02/19:201722
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	02/02/19:201325	524.2	02/02/19:201722
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	02/02/19:201325	524.2	02/02/19:201722
Trichloroethylene	ND	0.5	ug/L	5	524.2	02/02/19:201325	524.2	02/02/19:201722
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	02/02/19:201325	524.2	02/02/19:201722
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	02/02/19:201325	524.2	02/02/19:201722
Xylenes (Total)	ND	--	ug/L	1750	524.2	02/02/19:201325	524.2	02/02/19:201722
Xylenes m,p	ND	0.5	ug/L	1750	524.2	02/02/19:201325	524.2	02/02/19:201722
Xylenes o	ND	0.5	ug/L	1750	524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019

Lab ID : CH 1970937-011

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 31, 2019-13:05

Sampled By : Laura Capra

Received On : January 31, 2019-14:13

Matrix : Drinking Water

Description : C Tank

Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	98.7	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	92.2	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019

Lab ID : CH 1970937-012

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 31, 2019-13:25

Sampled By : Laura Capra

Received On : January 31, 2019-14:13

Matrix : Drinking Water

Description : Redbud/Pinewood

Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	98.4	70-130	%	1	524.2	02/02/19:201325	524.2	02/02/19:201722
1,2-Dichlorobenzene-d4 [‡]	94.8	70-130	%		524.2	02/02/19:201325	524.2	02/02/19:201722
Benzene	ND	0.5	ug/L		524.2	02/02/19:201325	524.2	02/02/19:201722

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

March 14, 2019
Paradise Irrigation District

Lab ID : CH 1970937
Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,1,1,2-Tetrachloroethane	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	24.2 %	12-178	
			MSD	ug/L	10.00	23.0 %	12-178	
			MSRPD	ug/L	10.00	0.12	≤0.5	
1,1,1-Trichloroethane(TCA)	524.2	02/02/19:201722SBL (VI 1940407-001)	CCV	ug/L	10.00	114 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	22.3 %	9-176	
			MSD	ug/L	10.00	21.4 %	9-176	
1,1,2,2-Tetrachloroethane	524.2	02/02/19:201722SBL (VI 1940407-001)	MSRPD	ug/L	10.00	0.089	≤0.5	
			CCV	ug/L	10.00	101 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	15.5 %	23-180	435
1,1,2-Trichloroethane	524.2	02/02/19:201325VRG (VI 1940407-001)	MSD	ug/L	10.00	16.4 %	23-180	435
			MSRPD	ug/L	10.00	0.090	≤0.5	
			CCV	ug/L	10.00	81.1 %	70-130	
			Blank	ug/L		ND	<0.5	
1,1-Dichloroethane	524.2	02/02/19:201325VRG (VI 1940407-001)	MS	ug/L	10.00	22.3 %	25-173	
			MSD	ug/L	10.00	20.3 %	25-173	
			MSRPD	ug/L	10.00	0.20	≤0.5	
			CCV	ug/L	10.00	105 %	70-130	
1,1-Dichloroethylene	524.2	02/02/19:201722SBL (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	23.2 %	15-161	
			MSD	ug/L	10.00	24.0 %	15-161	
			MSRPD	ug/L	10.00	0.078	≤0.5	
1,1-Dichloropropene	524.2	02/02/19:201722SBL (VI 1940407-001)	CCV	ug/L	10.00	101 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	23.1 %	0-171	
			MSD	ug/L	10.00	24.1 %	0-171	
1,2,3-Trichlorobenzene	524.2	02/02/19:201325VRG (VI 1940407-001)	MSRPD	ug/L	10.00	0.10	≤0.5	
			CCV	ug/L	10.00	98.6 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	33.9 %	14-181	
1,2,4-Trichlorobenzene	524.2	02/02/19:201722SBL (VI 1940407-001)	MSD	ug/L	10.00	28.4 %	14-181	
			MSRPD	ug/L	10.00	17.5%	≤34	
			CCV	ug/L	10.00	110 %	70-130	
			Blank	ug/L		ND	<0.5	
1,2,4-Trimethylbenzene	524.2	02/02/19:201325VRG (VI 1940407-001)	MS	ug/L	10.00	31.3 %	10-180	
			MSD	ug/L	10.00	30.1 %	10-180	
			MSRPD	ug/L	10.00	3.8%	≤32	
			CCV	ug/L	10.00	130 %	70-130	
1,2-Dichlorobenzene	524.2	02/02/19:201722SBL (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	25.2 %	2-192	
			MSD	ug/L	10.00	23.4 %	2-192	
			MSRPD	ug/L	10.00	0.18	≤0.5	
1,2-Dichlorobenzene	524.2	02/02/19:201325VRG (VI 1940407-001)	CCV	ug/L	10.00	116 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	25.3 %	13-191	
			MSD	ug/L	10.00	23.8 %	13-191	
1,2-Dichlorobenzene	524.2	02/02/19:201722SBL (VI 1940407-001)	MSRPD	ug/L	10.00	0.15	≤0.5	
			CCV	ug/L	10.00	113 %	70-130	

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March 14, 2019
Paradise Irrigation District

Lab ID : CH 1970937
Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2-Dichlorobenzene-d4	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L	10.00	90.8 %	70-130	
			MS	ug/L	10.00	92.4 %	70-130	
			MSD	ug/L	10.00	92.7 %	70-130	
			MSRPD	ug/L	10.00	0.4%	≤20	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	97.5 %	70-130	
1,2-Dichloroethane (EDC)	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	21.7 %	18-162	
			MSD	ug/L	10.00	23.0 %	18-162	
			MSRPD	ug/L	10.00	0.13	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	109 %	70-130	
1,2-Dichloropropane	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	23.9 %	10-163	
			MSD	ug/L	10.00	25.5 %	10-163	
			MSRPD	ug/L	10.00	0.16	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	112 %	70-130	
1,3,5-Trimethylbenzene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	25.3 %	0-210	
			MSD	ug/L	10.00	22.9 %	0-210	
			MSRPD	ug/L	10.00	0.24	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	112 %	70-130	
1,3-Dichlorobenzene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	23.6 %	17-182	
			MSD	ug/L	10.00	22.7 %	17-182	
			MSRPD	ug/L	10.00	0.095	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	111 %	70-130	
1,3-Dichloropropane	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	22.8 %	0-178	
			MSD	ug/L	10.00	24.1 %	0-178	
			MSRPD	ug/L	10.00	0.13	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	117 %	70-130	
1,4-Dichlorobenzene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	25.8 %	19-183	
			MSD	ug/L	10.00	23.2 %	19-183	
			MSRPD	ug/L	10.00	0.25	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	106 %	70-130	
2,2-Dichloropropane	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	31.5 %	0-288	
			MSD	ug/L	10.00	28.1 %	0-288	
			MSRPD	ug/L	10.00	11.4%	≤33	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	103 %	70-130	
2-Chlorotoluene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	26.4 %	17-180	
			MSD	ug/L	10.00	25.7 %	17-180	
			MSRPD	ug/L	10.00	2.9%	≤38	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	115 %	70-130	
4-Bromofluorobenzene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L	10.00	92.6 %	70-130	
			MS	ug/L	10.00	101 %	70-130	
			MSD	ug/L	10.00	98.7 %	70-130	
			MSRPD	ug/L	10.00	2.7%	≤30	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	101 %	70-130	
4-Bromofluorobenzene (BFB)	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	101 %	70-130	
4-Chlorotoluene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	23.2 %	11-177	
			MSD	ug/L	10.00	24.9 %	11-177	
			MSRPD	ug/L	10.00	0.17	≤0.5	

March 14, 2019
Paradise Irrigation District

Lab ID : CH 1970937
Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
4-Chlorotoluene	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	112 %	70-130	
Benzene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	23.3 %	12-158	
			MSD	ug/L	10.00	23.2 %	12-158	
			MSRPD	ug/L	10.00	0.0030	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	103 %	70-130	
Bromobenzene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	21.7 %	23-177	435
			MSD	ug/L	10.00	23.1 %	23-177	
			MSRPD	ug/L	10.00	0.14	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	106 %	70-130	
Bromochloromethane	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	23.1 %	4-186	
			MSD	ug/L	10.00	23.5 %	4-186	
			MSRPD	ug/L	10.00	0.042	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	101 %	70-130	
Bromomethane (Methyl Bromide)	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	19.9 %	0-196	
			MSD	ug/L	10.00	20.9 %	0-196	
			MSRPD	ug/L	10.00	0.10	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	161 %	70-130	360
Carbon Tetrachloride	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	24.0 %	5-175	
			MSD	ug/L	10.00	24.2 %	5-175	
			MSRPD	ug/L	10.00	0.023	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	91.1 %	70-130	
Chlorobenzene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	25.8 %	14-175	
			MSD	ug/L	10.00	24.3 %	14-175	
			MSRPD	ug/L	10.00	6.0%	≤35	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	117 %	70-130	
Chloroethane (Ethyl Chloride)	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	9.9 %	0-184	
			MSD	ug/L	10.00	15.9 %	0-184	
			MSRPD	ug/L	10.00	0.60	≤0.5	435
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	164 %	70-130	360
Chloromethane(Methyl Chloride)	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	12.6 %	0-224	
			MSD	ug/L	10.00	11.4 %	0-224	
			MSRPD	ug/L	10.00	0.12	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	152 %	70-130	360
cis-1,2-Dichloroethylene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	21.9 %	16-172	
			MSD	ug/L	10.00	22.2 %	16-172	
			MSRPD	ug/L	10.00	0.036	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	96.0 %	70-130	
cis-1,3-Dichloropropene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	9.550	23.2 %	5-158	
			MSD	ug/L	9.550	20.1 %	5-158	
			MSRPD	ug/L	10.00	0.29	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	9.550	113 %	70-130	
Dibromomethane	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	21.6 %	11-168	
			MSD	ug/L	10.00	21.4 %	11-168	

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Lab ID : CH 1970937
Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Dibromomethane	524.2	02/02/19:201325VRG	MSRPD	ug/L	10.00	0.011	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	99.6 %	70-130	
Dichlorodifluoromethane	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	6.0 %	0-334	
			MSD	ug/L	10.00	5.1 %	0-334	
			MSRPD	ug/L	10.00	0.091	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	117 %	70-130	
Dichloromethane	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	14.9 %	20-157	435
			MSD	ug/L	10.00	11.2 %	20-157	435
			MSRPD	ug/L	10.00	0.36	≤0.5	
Ethyl tert-Butyl Ether	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	29.5 %	11-165	
			MSD	ug/L	10.00	28.2 %	11-165	
			MSRPD	ug/L	10.00	0.13	≤3	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	132 %	70-130	360
Ethylbenzene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	25.0 %	9-174	
			MSD	ug/L	10.00	24.6 %	9-174	
			MSRPD	ug/L	10.00	0.035	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	115 %	70-130	
Freon-11	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	10.8 %	0-232	
			MSD	ug/L	10.00	9.1 %	0-232	
			MSRPD	ug/L	10.00	0.17	≤0.5	
Hexachlorobutadiene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	28.0 %	14-200	
			MSD	ug/L	10.00	25.8 %	14-200	
			MSRPD	ug/L	10.00	8.2%	≤40	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	124 %	70-130	
Isopropyl Ether	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	29.0 %	8-165	
			MSD	ug/L	10.00	28.3 %	8-165	
			MSRPD	ug/L	10.00	0.069	≤3	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	140 %	70-130	360
Isopropylbenzene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	24.1 %	4-159	
			MSD	ug/L	10.00	24.0 %	4-159	
			MSRPD	ug/L	10.00	0.015	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	107 %	70-130	
Methyl tert-Butyl Ether	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	123 %	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	24.8 %	11-168	
			MSD	ug/L	10.00	25.9 %	11-168	
			MSRPD	ug/L	10.00	0.11	≤1.0	
Methylene Chloride	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	346 %	70-130	360
Naphthalene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	20.8 %	0-189	
			MSD	ug/L	10.00	19.2 %	0-189	
			MSRPD	ug/L	10.00	0.16	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	85.1 %	70-130	
n-Butylbenzene	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	28.4 %	4-186	
			MSD	ug/L	10.00	25.3 %	4-186	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
n-Butylbenzene	524.2	02/02/19:201325VRG	MSRPD	ug/L	10.00	11.8%	≤37	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	109 %	70-130	
n-Propylbenzene	524.2	02/02/19:201325VRG	Blank	ug/L		ND	<0.5	
		(VI 1940407-001)	MS	ug/L	10.00	25.0 %	0-174	
			MSD	ug/L	10.00	24.7 %	0-174	
			MSRPD	ug/L	10.00	0.032	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	117 %	70-130	
p-Isopropyltoluene	524.2	02/02/19:201325VRG	Blank	ug/L		ND	<0.5	
		(VI 1940407-001)	MS	ug/L	10.00	26.4 %	0-193	
			MSD	ug/L	10.00	24.2 %	0-193	
			MSRPD	ug/L	10.00	8.8%	≤40	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	110 %	70-130	
sec-Butylbenzene	524.2	02/02/19:201325VRG	Blank	ug/L		ND	<0.5	
		(VI 1940407-001)	MS	ug/L	10.00	28.2 %	0-177	
			MSD	ug/L	10.00	25.9 %	0-177	
			MSRPD	ug/L	10.00	8.5%	≤40	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	111 %	70-130	
Styrene	524.2	02/02/19:201325VRG	Blank	ug/L		ND	<0.5	
		(VI 1940407-001)	MS	ug/L	10.00	20.6 %	0-198	
			MSD	ug/L	10.00	20.5 %	0-198	
			MSRPD	ug/L	10.00	0.015	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	93.2 %	70-130	
TAME	524.2	02/02/19:201325VRG	Blank	ug/L		ND	<3	
		(VI 1940407-001)	MS	ug/L	10.00	26.4 %	15-162	
			MSD	ug/L	10.00	25.1 %	15-162	
			MSRPD	ug/L	10.00	0.13	≤3	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	123 %	70-130	
tert-Butanol	524.2	02/02/19:201325VRG	Blank	ug/L		ND	<2	
		(VI 1940407-001)	MS	ug/L	50.00	14.6 %	0-198	
			MSD	ug/L	50.00	15.5 %	0-198	
			MSRPD	ug/L	10.00	0.43	≤2	
	524.2	02/02/19:201722SBL	CCV	ug/L	50.00	73.8 %	70-130	
tert-Butylbenzene	524.2	02/02/19:201325VRG	Blank	ug/L		ND	<0.5	
		(VI 1940407-001)	MS	ug/L	10.00	25.9 %	9-179	
			MSD	ug/L	10.00	21.1 %	9-179	
			MSRPD	ug/L	10.00	0.48	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	90.2 %	30-130	
Tetrachloroethylene (PCE)	524.2	02/02/19:201325VRG	Blank	ug/L		ND	<0.5	
		(VI 1940407-001)	MS	ug/L	10.00	24.4 %	14-186	
			MSD	ug/L	10.00	23.3 %	14-186	
			MSRPD	ug/L	10.00	0.11	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	102 %	70-130	
Toluene	524.2	02/02/19:201325VRG	Blank	ug/L		ND	<0.5	
		(VI 1940407-001)	MS	ug/L	10.00	24.4 %	3-174	
			MSD	ug/L	10.00	24.0 %	3-174	
			MSRPD	ug/L	10.00	0.042	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	112 %	30-130	
trans-1,2-Dichloroethylene	524.2	02/02/19:201325VRG	Blank	ug/L		ND	<0.5	
		(VI 1940407-001)	MS	ug/L	10.00	19.0 %	5-165	
			MSD	ug/L	10.00	19.8 %	5-165	
			MSRPD	ug/L	10.00	0.081	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	75.5 %	70-130	
trans-1,3-Dichloropropene	524.2	02/02/19:201325VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	9.200	24.2 %	0-169	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic trans-1,3-Dichloropropene	524.2	(VI 1940407-001)	MSD	ug/L	9.200	19.2 %	0-169	
			MSRPD	ug/L	10.00	0.46	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	9.200	118 %	70-130	
Trichloroethylene (TCE)	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	23.5 %	11-167	
			MSD	ug/L	10.00	22.8 %	11-167	
			MSRPD	ug/L	10.00	0.075	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	102 %	70-130	
Trichlorofluoromethane F-11	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	160 %	70-130	360
Trichlorotrifluoroethane F-113	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	20.9 %	0-183	
			MSD	ug/L	10.00	21.6 %	0-183	
			MSRPD	ug/L	10.00	0.067	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	83.5 %	70-130	
Vinyl Chloride	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	12.2 %	0-208	
			MSD	ug/L	10.00	10.6 %	0-208	
			MSRPD	ug/L	10.00	0.16	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	170 %	30-130	360
Xylenes m,p	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	20.00	24.6 %	0-193	
			MSD	ug/L	20.00	24.6 %	0-193	
			MSRPD	ug/L	10.00	0.006%	≤37	
	524.2	02/02/19:201722SBL	CCV	ug/L	20.00	117 %	70-130	
Xylenes o	524.2	02/02/19:201325VRG (VI 1940407-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	24.8 %	0-188	
			MSD	ug/L	10.00	24.7 %	0-188	
			MSRPD	ug/L	10.00	0.017	≤0.5	
	524.2	02/02/19:201722SBL	CCV	ug/L	10.00	116 %	70-130	
Definition								
CCV			: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.					
Blank			: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.					
MS			: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.					
MSD			: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.					
MSRPD			: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.					
ND			: Non-detect - Result was below the DQO listed for the analyte.					
DQO			: Data Quality Objective - This is the criteria against which the quality control data is compared.					
Explanation								
360			: CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.					
435			: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.					