

March 14, 2019

Paradise Irrigation District
 6332 Clark Road
 Paradise, CA 95969

Lab ID : CH 1970631
 Customer : 7-5855

Laboratory Report

Introduction: This report package contains total of 39 pages divided into 3 sections:

Case Narrative	(2 pages) : An overview of the work performed at FGL.
Sample Results	(25 pages) : Results for each sample submitted.
Quality Control	(12 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	01/22/2019	01/22/2019	CH 1970631-000	LBW
6210 Sawmill Ext	01/22/2019	01/22/2019	CH 1970631-001	DW
6243 Sawmill Ext	01/22/2019	01/22/2019	CH 1970631-002	DW
6266 Sawmill Ext	01/22/2019	01/22/2019	CH 1970631-003	DW
1632 Paradise Wood	01/22/2019	01/22/2019	CH 1970631-004	DW
1664 Muhlberry	01/22/2019	01/22/2019	CH 1970631-005	DW
1655 Muhlberry	01/22/2019	01/22/2019	CH 1970631-006	DW
1645 Muhlberry	01/22/2019	01/22/2019	CH 1970631-007	DW
1658 Muhlberry	01/22/2019	01/22/2019	CH 1970631-008	DW
6641 Nedry	01/22/2019	01/22/2019	CH 1970631-009	DW
1796 Chris Ct	01/22/2019	01/22/2019	CH 1970631-010	DW
6304 Lancaster	01/22/2019	01/22/2019	CH 1970631-011	DW
6334 Lancaster	01/22/2019	01/22/2019	CH 1970631-012	DW
5450 Sawmill	01/22/2019	01/22/2019	CH 1970631-013	DW
162 E Sutter	01/22/2019	01/22/2019	CH 1970631-014	DW
280 Oak Spring	01/22/2019	01/22/2019	CH 1970631-015	DW
Hyd 6304 Lancaster	01/22/2019	01/22/2019	CH 1970631-016	DW
Hyd 6358 Lancaster	01/22/2019	01/22/2019	CH 1970631-017	DW
6384 Lancaster	01/22/2019	01/22/2019	CH 1970631-018	DW
Hyd 6224 Lancaster	01/22/2019	01/22/2019	CH 1970631-019	DW
6274 Lancaster	01/22/2019	01/22/2019	CH 1970631-020	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.

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

Organic QC

524.2	01/27/2019:201290 All analysis quality controls are within established criteria, except: The following note applies to 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, cis-1,3-Dichloropropene, n-Butylbenzene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	01/28/2019:201370 All analysis quality controls are within established criteria, except: The following note applies to 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, n-Butylbenzene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	01/27/2019:200981 All preparation quality controls are within established criteria.
	01/28/2019:201023 All preparation quality controls are within established criteria.

Discussion of Analytical Results: -

CH 1970631-000 Travel Blank	Amended to report tert-butanol (t-butyl alcohol) by EPA 524.2.
CH 1970631-001 6210 Sawmill Ext	Amended to report tert-butanol (t-butyl alcohol) by EPA 524.2.
CH 1970631-011 6304 Lancaster	Amended to report tert-butanol (t-butyl alcohol) by EPA 524.2
CH 1970631-016 Hyd 6304 Lancaster	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.

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

KD:DMB

March 14, 2019

Lab ID : CH 1970631-000

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 22, 2019-00:00

Sampled By : Laura Capra

Received On : January 22, 2019-14:40

Matrix : Lab. Blank Water

Description : Travel Blank

Project : Camp Fire

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
4-Bromofluorobenzene [‡]	94.8	70-130	%		524.2	01/28/19:201023	524.2	01/28/19:201370
1,2-Dichlorobenzene-d4 [‡]	104	70-130	%		524.2	01/28/19:201023	524.2	01/28/19:201370
Benzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Bromobenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Bromochloromethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Bromomethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
n-Butylbenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
sec-Butylbenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
tert-Butylbenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Carbon Tetrachloride	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
tert-Butanol	ND	2	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Chlorobenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Chloroethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Chloromethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
2-Chlorotoluene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
4-Chlorotoluene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Dibromomethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,2-Dichlorobenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,4-Dichlorobenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,1-Dichloroethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,2-Dichloroethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,1-Dichloroethylene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
cis-1,2-Dichloroethylene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
trans-1,2-Dichloroethylene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,2-Dichloropropane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,3-Dichloropropane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Dichloromethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
2,2-Dichloropropane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,1-Dichloropropene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,3-Dichloropropene (Total)	ND	--	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370

March 14, 2019
Description : Travel Blank

Lab ID : CH 1970631-000
Customer ID : 7-5855

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2								
Ethyl Benzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Hexachlorobutadiene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Isopropylbenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
p-Isopropyltoluene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Methyl tert-Butyl Ether (MTBE)	ND	1	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Naphthalene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
n-Propylbenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Styrene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Tetrachloroethylene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Toluene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,2,4-Trichlorobenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,1,1-Trichloroethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,1,2-Trichloroethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Trichloroethylene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Trichlorofluoromethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Vinyl Chloride	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Xylenes (Total)	ND	--	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Xylenes m,p	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370
Xylenes o	ND	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370

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

March 14, 2019

Lab ID : CH 1970631-001

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 22, 2019-11:05

Sampled By : Laura Capra

Received On : January 22, 2019-14:40

Matrix : Drinking Water

Description : 6210 Sawmill Ext

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 [‡]	95.4	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	98.7	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	1.6	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Bromobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Bromochloromethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Bromomethane	ND	0.5	ug/L	0.5	524.2	01/27/19:200981	524.2	01/27/19:201290
n-Butylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
sec-Butylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
tert-Butylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Carbon Tetrachloride	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
tert-Butanol	ND	2	ug/L	70	524.2	01/27/19:200981	524.2	01/27/19:201290
Chlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Chloroethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Chloromethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
2-Chlorotoluene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
4-Chlorotoluene	ND	0.5	ug/L	600	524.2	01/27/19:200981	524.2	01/27/19:201290
Dibromomethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,4-Dichlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Dichlorodifluoromethane	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
1,1-Dichloroethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichloroethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,1-Dichloroethylene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
cis-1,2-Dichloroethylene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichloropropane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,3-Dichloropropane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Dichloromethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
2,2-Dichloropropane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,1-Dichloropropene	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
1,3-Dichloropropene (Total)	ND	--	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

March 14, 2019
Description : 6210 Sawmill Ext

Lab ID : CH 1970631-001
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 Benzene	ND	0.5	ug/L	300	524.2	01/27/19:200981	524.2	01/27/19:201290
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Hexachlorobutadiene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Isopropylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
p-Isopropyltoluene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Methyl tert-Butyl Ether (MTBE)	ND	1	ug/L	13	524.2	01/27/19:200981	524.2	01/27/19:201290
Naphthalene	6.8	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
n-Propylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Styrene	1.3	0.5	ug/L	100	524.2	01/27/19:200981	524.2	01/27/19:201290
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	01/27/19:200981	524.2	01/27/19:201290
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
Toluene	0.7	0.5	ug/L	150	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
Trichloroethylene	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	01/27/19:200981	524.2	01/27/19:201290
Xylenes (Total)	ND	--	ug/L	1750	524.2	01/27/19:200981	524.2	01/27/19:201290
Xylenes m,p	ND	0.5	ug/L	1750	524.2	01/27/19:200981	524.2	01/27/19:201290
Xylenes o	ND	0.5	ug/L	1750	524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-002
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 22, 2019-11:15
Sampled By : Laura Capra
Received On : January 22, 2019-14:40
Matrix : Drinking Water

Description : 6243 Sawmill Ext
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 [‡]	102	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	109	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-003

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 22, 2019-10:55

Sampled By : Laura Capra

Received On : January 22, 2019-14:40

Matrix : Drinking Water

Description : 6266 Sawmill Ext

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 [‡]	96.7	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	99.3	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	0.7	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-004
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 22, 2019-09:25
Sampled By : Laura Capra
Received On : January 22, 2019-14:40
Matrix : Drinking Water

Description : 1632 Paradise Wood
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 [‡]	87.1	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	96.3	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	13.1	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-005
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 22, 2019-08:50
Sampled By : Laura Capra
Received On : January 22, 2019-14:40
Matrix : Drinking Water

Description : 1664 Muhlberry
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 [‡]	93.9	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	102	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	1.1	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-006
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 22, 2019-09:05
Sampled By : Laura Capra
Received On : January 22, 2019-14:40
Matrix : Drinking Water

Description : 1655 Muhlberry
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 [‡]	92.2	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	99.5	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	0.8	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-007

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 22, 2019-09:45

Sampled By : Laura Capra

Received On : January 22, 2019-14:40

Matrix : Drinking Water

Description : 1645 Muhlberry

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 [‡]	96.8	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	102	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	0.8	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-008
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 22, 2019-08:55
Sampled By : Laura Capra
Received On : January 22, 2019-14:40
Matrix : Drinking Water

Description : 1658 Muhlberry
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 [‡]	88.2	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	100	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	0.8	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-009

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 22, 2019-09:40

Sampled By : Laura Capra

Received On : January 22, 2019-14:40

Matrix : Drinking Water

Description : 6641 Nedry

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 [‡]	90.2	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	101	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	0.6	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-010
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 22, 2019-09:30
Sampled By : Laura Capra
Received On : January 22, 2019-14:40
Matrix : Drinking Water

Description : 1796 Chris Ct
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 [‡]	90.8	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	101	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-011

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 22, 2019-11:20

Sampled By : Laura Capra

Received On : January 22, 2019-14:40

Matrix : Drinking Water

Description : 6304 Lancaster

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 [‡]	110	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	112	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	379	25*	ug/L		524.2	01/27/19:200981	524.2	01/28/19:201370
Bromobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Bromochloromethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Bromomethane	ND	0.5	ug/L	0.5	524.2	01/27/19:200981	524.2	01/27/19:201290
n-Butylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
sec-Butylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
tert-Butylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Carbon Tetrachloride	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
tert-Butanol	ND	2	ug/L	70	524.2	01/27/19:200981	524.2	01/27/19:201290
Chlorobenzene	1.0	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Chloroethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Chloromethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
2-Chlorotoluene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
4-Chlorotoluene	ND	0.5	ug/L	600	524.2	01/27/19:200981	524.2	01/27/19:201290
Dibromomethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,4-Dichlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Dichlorodifluoromethane	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
1,1-Dichloroethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichloroethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,1-Dichloroethylene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
cis-1,2-Dichloroethylene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichloropropane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,3-Dichloropropane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Dichloromethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
2,2-Dichloropropane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,1-Dichloropropene	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
1,3-Dichloropropene (Total)	ND	--	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

March 14, 2019
Description : 6304 Lancaster

Lab ID : CH 1970631-011
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 Benzene	22.8	0.5	ug/L	300	524.2	01/27/19:200981	524.2	01/27/19:201290
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Hexachlorobutadiene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Isopropylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
p-Isopropyltoluene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Methyl tert-Butyl Ether (MTBE)	ND	1	ug/L	13	524.2	01/27/19:200981	524.2	01/27/19:201290
Naphthalene	278	25*	ug/L		524.2	01/27/19:200981	524.2	01/28/19:201370
n-Propylbenzene	0.8	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Styrene	30	25*	ug/L	100	524.2	01/27/19:200981	524.2	01/28/19:201370
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	01/27/19:200981	524.2	01/27/19:201290
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
Toluene	86	25*	ug/L	150	524.2	01/27/19:200981	524.2	01/28/19:201370
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
Trichloroethylene	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2,4-Trimethylbenzene	0.7	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	01/27/19:200981	524.2	01/27/19:201290
Xylenes (Total)	17.0	--	ug/L	1750	524.2	01/27/19:200981	524.2	01/27/19:201290
Xylenes m,p	9.3	0.5	ug/L	1750	524.2	01/27/19:200981	524.2	01/27/19:201290
Xylenes o	7.7	0.5	ug/L	1750	524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-012

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 22, 2019-13:20

Sampled By : Laura Capra

Received On : January 22, 2019-14:40

Matrix : Drinking Water

Description : 6334 Lancaster

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 [‡]	88.6	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	99.0	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-013

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 22, 2019-10:40

Sampled By : Laura Capra

Received On : January 22, 2019-14:40

Matrix : Drinking Water

Description : 5450 Sawmill

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 [‡]	84.1	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	101	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-014
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 22, 2019-10:05
Sampled By : Laura Capra
Received On : January 22, 2019-14:40
Matrix : Drinking Water

Description : 162 E Sutter
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 [‡]	83.8	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	94.6	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-015
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 22, 2019-10:25
Sampled By : Laura Capra
Received On : January 22, 2019-14:40
Matrix : Drinking Water

Description : 280 Oak Spring
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 [‡]	81.4	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	95.2	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-016

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 22, 2019-13:30

Sampled By : Laura Capra

Received On : January 22, 2019-14:40

Matrix : Drinking Water

Description : Hyd 6304 Lancaster

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 [‡]	99.5	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	103	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	17.3	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Bromobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Bromochloromethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Bromomethane	ND	0.5	ug/L	0.5	524.2	01/27/19:200981	524.2	01/27/19:201290
n-Butylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
sec-Butylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
tert-Butylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Carbon Tetrachloride	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
tert-Butanol	ND	2	ug/L	70	524.2	01/27/19:200981	524.2	01/27/19:201290
Chlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Chloroethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Chloromethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
2-Chlorotoluene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
4-Chlorotoluene	ND	0.5	ug/L	600	524.2	01/27/19:200981	524.2	01/27/19:201290
Dibromomethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,4-Dichlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Dichlorodifluoromethane	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
1,1-Dichloroethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichloroethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,1-Dichloroethylene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
cis-1,2-Dichloroethylene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichloropropane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,3-Dichloropropane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Dichloromethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
2,2-Dichloropropane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,1-Dichloropropene	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
1,3-Dichloropropene (Total)	ND	--	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

March 14, 2019
Description : Hyd 6304 Lancaster

Lab ID : CH 1970631-016
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 Benzene	1.4	0.5	ug/L	300	524.2	01/27/19:200981	524.2	01/27/19:201290
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Hexachlorobutadiene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Isopropylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
p-Isopropyltoluene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Methyl tert-Butyl Ether (MTBE)	ND	1	ug/L	13	524.2	01/27/19:200981	524.2	01/27/19:201290
Naphthalene	4.1	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
n-Propylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Styrene	3.3	0.5	ug/L	100	524.2	01/27/19:200981	524.2	01/27/19:201290
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	01/27/19:200981	524.2	01/27/19:201290
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
Toluene	5.2	0.5	ug/L	150	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
Trichloroethylene	ND	0.5	ug/L	5	524.2	01/27/19:200981	524.2	01/27/19:201290
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	01/27/19:200981	524.2	01/27/19:201290
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	01/27/19:200981	524.2	01/27/19:201290
Xylenes (Total)	ND	--	ug/L	1750	524.2	01/27/19:200981	524.2	01/27/19:201290
Xylenes m,p	ND	0.5	ug/L	1750	524.2	01/27/19:200981	524.2	01/27/19:201290
Xylenes o	ND	0.5	ug/L	1750	524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-017
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 22, 2019-13:35
Sampled By : Laura Capra
Received On : January 22, 2019-14:40
Matrix : Drinking Water

Description : Hyd 6358 Lancaster
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 [‡]	81.2	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	95.1	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	2.3	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-018
Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road
Paradise, CA 95969

Sampled On : January 22, 2019-13:45
Sampled By : Laura Capra
Received On : January 22, 2019-14:40
Matrix : Drinking Water

Description : 6384 Lancaster
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 [‡]	85.0	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	101	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-019

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 22, 2019-13:55

Sampled By : Laura Capra

Received On : January 22, 2019-14:40

Matrix : Drinking Water

Description : Hyd 6224 Lancaster

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 [‡]	84.8	70-130	%	1	524.2	01/27/19:200981	524.2	01/27/19:201290
1,2-Dichlorobenzene-d4 [‡]	102	70-130	%		524.2	01/27/19:200981	524.2	01/27/19:201290
Benzene	ND	0.5	ug/L		524.2	01/27/19:200981	524.2	01/27/19:201290

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 1970631-020

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : January 22, 2019-13:00

Sampled By : Laura Capra

Received On : January 22, 2019-14:40

Matrix : Drinking Water

Description : 6274 Lancaster

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 [‡]	96.9	70-130	%	1	524.2	01/28/19:201023	524.2	01/28/19:201370
1,2-Dichlorobenzene-d4 [‡]	104	70-130	%		524.2	01/28/19:201023	524.2	01/28/19:201370
Benzene	5.0	0.5	ug/L		524.2	01/28/19:201023	524.2	01/28/19:201370

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 1970631
 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	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	91.8 %	12-178	
			MSD	ug/L	10.00	99.5 %	12-178	
			MSRPD	ug/L	10.00	8.0%	≤39	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	95.2 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	91.7 %	12-178	
			MSD	ug/L	10.00	97.3 %	12-178	
			MSRPD	ug/L	10.00	5.9%	≤39	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	90.0 %	70-130	
1,1,1-Trichloroethane(TCA)	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	76.2 %	9-176	
			MSD	ug/L	10.00	88.0 %	9-176	
			MSRPD	ug/L	10.00	14.4%	≤33	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	71.8 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	73.6 %	9-176	
			MSD	ug/L	10.00	76.4 %	9-176	
			MSRPD	ug/L	10.00	3.8%	≤33	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	85.5 %	70-130	
1,1,2-Tetrachloroethane	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	85.8 %	23-180	
			MSD	ug/L	10.00	95.4 %	23-180	
			MSRPD	ug/L	10.00	10.5%	≤34	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	93.5 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	93.5 %	23-180	
			MSD	ug/L	10.00	98.0 %	23-180	
			MSRPD	ug/L	10.00	4.7%	≤34	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	91.1 %	70-130	
1,1,2-Trichloroethane	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	78.9 %	25-173	
			MSD	ug/L	10.00	84.1 %	25-173	
			MSRPD	ug/L	10.00	6.4%	≤29	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	89.9 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.0 %	25-173	
			MSD	ug/L	10.00	94.5 %	25-173	
			MSRPD	ug/L	10.00	7.0%	≤29	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	85.7 %	70-130	
1,1-Dichloroethane	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	78.9 %	15-161	
			MSD	ug/L	10.00	86.2 %	15-161	
			MSRPD	ug/L	10.00	8.8%	≤36	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	77.5 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	78.5 %	15-161	
			MSD	ug/L	10.00	82.1 %	15-161	
			MSRPD	ug/L	10.00	4.5%	≤36	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	73.7 %	70-130	
1,1-Dichloroethylene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.9 %	0-162	
			MSD	ug/L	10.00	85.0 %	0-162	
			MSRPD	ug/L	10.00	16.7%	≤33	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	70.3 %	70-130	

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March 14, 2019
Paradise Irrigation District

Lab ID : CH 1970631
Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 1,1-Dichloroethylene	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 70.9 % 72.1 % 1.6%	<0.5 0-162 0-162 ≤33	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	70.0 %	70-130	
1,1-Dichloropropene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 84.6 % 98.7 % 15.5%	<0.5 0-171 0-171 ≤31	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	80.1 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 83.3 % 93.4 % 11.5%	<0.5 0-171 0-171 ≤31	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	79.0 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 156 % 181 % 14.8%	<0.5 14-181 14-181 ≤34	
1,2,3-Trichlorobenzene	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	167 %	70-130	360
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 153 % 168 % 9.6%	<0.5 14-181 14-181 ≤34	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	163 %	70-130	360
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 132 % 158 % 18.2%	<0.5 10-180 10-180 ≤32	
1,2,4-Trichlorobenzene	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	149 %	70-130	360
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 128 % 147 % 13.7%	<0.5 10-180 10-180 ≤32	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	146 %	70-130	360
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 109 % 119 % 8.8%	<0.5 2-192 2-192 ≤39	
1,2,4-Trimethylbenzene	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	120 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 127 % 135 % 6.0%	<0.5 2-192 2-192 ≤39	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	120 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 103 % 115 % 11.7%	<0.5 13-191 13-191 ≤35	
1,2-Dichlorobenzene	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	114 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 112 % 119 % 6.3%	<0.5 13-191 13-191 ≤35	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	114 %	70-130	

March 14, 2019
Paradise Irrigation District

Lab ID : CH 1970631
Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2-Dichlorobenzene	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	109 %	70-130	
1,2-Dichlorobenzene-d4	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L	10.00	100 %	70-130	
			MS	ug/L	10.00	124 %	70-130	
			MSD	ug/L	10.00	125 %	70-130	
			MSRPD	ug/L	10.00	1.1%	≤20	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	121 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L	10.00	100 %	70-130	
			MS	ug/L	10.00	122 %	70-130	
			MSD	ug/L	10.00	124 %	70-130	
			MSRPD	ug/L	10.00	1.0%	≤20	
1,2-Dichloroethane (EDC)	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	73.5 %	18-162	
			MSD	ug/L	10.00	80.8 %	18-162	
			MSRPD	ug/L	10.00	9.4%	≤33	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	81.5 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	79.3 %	18-162	
			MSD	ug/L	10.00	83.5 %	18-162	
			MSRPD	ug/L	10.00	5.1%	≤33	
1,2-Dichloropropane	524.2	01/28/19:201370VRG	Blank	ug/L	10.00	77.6 %	70-130	
			MS	ug/L	10.00	ND	<0.5	
			MSD	ug/L	10.00	78.8 %	10-163	
			MSRPD	ug/L	10.00	12.6%	≤34	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	87.4 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	86.0 %	10-163	
			MSD	ug/L	10.00	90.7 %	10-163	
			MSRPD	ug/L	10.00	5.3%	≤34	
1,3,5-Trimethylbenzene	524.2	01/28/19:201370VRG	Blank	ug/L	10.00	83.2 %	70-130	
			MS	ug/L	10.00	ND	<0.5	
			MSD	ug/L	10.00	114 %	0-210	
			MSRPD	ug/L	10.00	11.8%	≤40	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	123 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L	10.00	ND	<0.5	
			MS	ug/L	10.00	129 %	0-210	
			MSD	ug/L	10.00	138 %	0-210	
			MSRPD	ug/L	10.00	7.0%	≤40	
1,3-Dichlorobenzene	524.2	01/27/19:201370VRG	Blank	ug/L	10.00	122 %	70-130	
			MS	ug/L	10.00	ND	<0.5	
			MSD	ug/L	10.00	89.0 %	17-182	
			MSRPD	ug/L	10.00	101 %	17-182	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	12.8%	≤39	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L	10.00	99.8 %	70-130	
			MS	ug/L	10.00	ND	<0.5	
			MSD	ug/L	10.00	98.0 %	17-182	
			MSRPD	ug/L	10.00	105 %	17-182	
1,3-Dichloropropane	524.2	01/28/19:201370VRG	Blank	ug/L	10.00	7.2%	≤39	
			MS	ug/L	10.00	96.7 %	70-130	
			MSD	ug/L	10.00	ND	<0.5	
1,3-Dichloropropane	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L	10.00	85.1 %	0-178	
			MSD	ug/L	10.00	91.2 %	0-178	

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Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 1,3-Dichloropropane	524.2	01/27/19:200981VRG	MSRPD	ug/L	10.00	6.9%	≤29	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	99.2 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	96.4 %	0-178	
			MSD	ug/L	10.00	102 %	0-178	
			MSRPD	ug/L	10.00	5.5%	≤29	
1,4-Dichlorobenzene	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	93.3 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	104 %	19-183	
			MSD	ug/L	10.00	119 %	19-183	
			MSRPD	ug/L	10.00	13.4%	≤37	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	122 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	118 %	19-183	
			MSD	ug/L	10.00	129 %	19-183	
			MSRPD	ug/L	10.00	8.8%	≤37	
2,2-Dichloropropane	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	114 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	66.1 %	0-288	
			MSD	ug/L	10.00	80.4 %	0-288	
			MSRPD	ug/L	10.00	19.5%	≤33	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	72.6 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	84.1 %	0-288	
			MSD	ug/L	10.00	86.1 %	0-288	
			MSRPD	ug/L	10.00	2.3%	≤33	
2-Chlorotoluene	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	88.4 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	103 %	17-180	
			MSD	ug/L	10.00	121 %	17-180	
			MSRPD	ug/L	10.00	16.0%	≤38	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	116 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	117 %	17-180	
			MSD	ug/L	10.00	125 %	17-180	
			MSRPD	ug/L	10.00	6.3%	≤38	
4-Bromofluorobenzene	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	111 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		99.3 %	70-130	
			MS	ug/L	10.00	117 %	70-130	
			MSD	ug/L	10.00	118 %	70-130	
			MSRPD	ug/L	10.00	0.5%	≤30	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L	10.00	89.9 %	70-130	
			MS	ug/L	10.00	124 %	70-130	
			MSD	ug/L	10.00	124 %	70-130	
			MSRPD	ug/L	10.00	0.3%	≤30	
4-Bromofluorobenzene (BFB)	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	118 %	70-130	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	118 %	70-130	
4-Chlorotoluene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	102 %	11-177	
			MSD	ug/L	10.00	119 %	11-177	
			MSRPD	ug/L	10.00	15.0%	≤41	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	116 %	70-130	
	524.2	01/28/19:201023VRG	Blank MS	ug/L ug/L	 10.00	 116 %	 <0.5 11-177	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 4-Chlorotoluene	524.2	(SP 1900475-005)	MSD MSRPD	ug/L ug/L	10.00 10.00	124 % 6.7%	11-177 ≤41	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	112 %	70-130	
Benzene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 83.2 % 93.5 % 11.7%	<0.5 12-158 12-158 ≤36	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	85.3 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 88.1 % 94.1 % 6.6%	<0.5 12-158 12-158 ≤36	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	82.1 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 97.0 % 111 % 13.1%	<0.5 23-177 23-177 ≤40	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	110 %	70-130	
Bromobenzene	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 109 % 115 % 5.7%	<0.5 23-177 23-177 ≤40	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	105 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 76.5 % 79.7 % 4.1%	<0.5 4-186 4-186 ≤30	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	81.5 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 78.5 % 84.4 % 7.3%	<0.5 4-186 4-186 ≤30	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	77.5 %	70-130	
Bromochloromethane	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 55.0 % 69.0 % 22.5%	<0.5 0-196 0-196 ≤40	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	83.3 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 94.8 % 105 % 9.8%	<0.5 0-196 0-196 ≤40	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	96.7 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 80.9 % 93.8 % 14.8%	<0.5 5-175 5-175 ≤32	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	75.8 %	70-130	
Carbon Tetrachloride	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 80.9 % 84.4 % 4.2%	<0.5 5-175 5-175 ≤32	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	71.8 %	70-130	
	524.2	01/27/19:200981VRG	Blank	ug/L		ND	<0.5	
	524.2	01/27/19:200981VRG	Blank	ug/L		ND	<0.5	
	524.2	01/27/19:200981VRG	Blank	ug/L		ND	<0.5	
	524.2	01/27/19:200981VRG	Blank	ug/L		ND	<0.5	
Chlorobenzene	524.2	01/27/19:200981VRG	Blank	ug/L		ND	<0.5	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Chlorobenzene	524.2	(SP 1901062-001)	MS MSD MSRPD	ug/L ug/L ug/L	10.00 10.00 10.00	99.1 % 111 % 11.0%	14-175 14-175 ≤35	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	108 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 107 % 115 % 7.0%	<0.5 14-175 14-175 ≤35	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	104 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 57.1 % 69.4 % 19.3%	<0.5 0-184 0-184 ≤40	
Chloroethane (Ethyl Chloride)	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	79.7 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 94.0 % 107 % 13.0%	<0.5 0-184 0-184 ≤40	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	97.3 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 48.3 % 64.4 % 28.6%	<0.5 0-224 0-224 ≤39	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	95.3 %	70-130	
Chloromethane(Methyl Chloride)	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 91.0 % 106 % 15.3%	<0.5 0-224 0-224 ≤39	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	98.4 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 79.6 % 89.0 % 11.1%	<0.5 16-172 16-172 ≤34	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	81.9 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 81.2 % 86.6 % 6.4%	<0.5 16-172 16-172 ≤34	
cis-1,2-Dichloroethylene	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	79.3 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 103 % 114 % 9.4%	<0.5 5-158 5-158 ≤38	
	524.2	01/27/19:201290VRG	CCV	ug/L	9.550	134 %	70-130	360
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	9.550 9.550 9.550 10.00	ND 116 % 125 % 7.8%	<0.5 5-158 5-158 ≤38	
	524.2	01/28/19:201370VRG	CCV	ug/L	9.550	119 %	70-130	
cis-1,3-Dichloropropene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 78.7 % 86.4 % 9.3%	<0.5 11-168 11-168 ≤28	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	85.6 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 78.7 % 86.4 % 9.3%	<0.5 11-168 11-168 ≤28	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	85.6 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 78.7 % 86.4 % 9.3%	<0.5 11-168 11-168 ≤28	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	85.6 %	70-130	
Dibromomethane	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 78.7 % 86.4 % 9.3%	<0.5 11-168 11-168 ≤28	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	85.6 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 78.7 % 86.4 % 9.3%	<0.5 11-168 11-168 ≤28	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	85.6 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 78.7 % 86.4 % 9.3%	<0.5 11-168 11-168 ≤28	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	85.6 %	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Dibromomethane	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	83.5 %	11-168	
			MSD	ug/L	10.00	90.6 %	11-168	
			MSRPD	ug/L	10.00	8.2%	≤28	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	82.5 %	70-130	
Dichlorodifluoromethane	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	21.2 %	0-334	
			MSD	ug/L	10.00	30.6 %	0-334	
			MSRPD	ug/L	10.00	36.2%	≤39	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	90.2 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	70.3 %	0-334	
			MSD	ug/L	10.00	77.8 %	0-334	
524.2	01/28/19:201370VRG	CCV	ug/L	10.00	10.3%	≤39		
Dichloromethane	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	52.3 %	20-157	
			MSD	ug/L	10.00	61.1 %	20-157	
			MSRPD	ug/L	10.00	15.5%	≤36	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.9 %	20-157	
			MSD	ug/L	10.00	76.0 %	20-157	
			MSRPD	ug/L	10.00	5.5%	≤36	
Ethyl tert-Butyl Ether	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	72.9 %	11-165	
			MSD	ug/L	10.00	82.4 %	11-165	
			MSRPD	ug/L	10.00	0.95	≤3	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	83.2 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	70.4 %	11-165	
			MSD	ug/L	10.00	70.2 %	11-165	
524.2	01/28/19:201370VRG	MSRPD	ug/L	10.00	0.021	≤3		
Ethylbenzene	524.2	01/27/19:200981VRG (SP 1901062-001)	CCV	ug/L	10.00	74.7 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	114 %	9-174	
			MSD	ug/L	10.00	131 %	9-174	
	524.2	01/27/19:201290VRG	MSRPD	ug/L	10.00	14.2%	≤37	
	524.2	01/28/19:201023VRG (SP 1900475-005)	CCV	ug/L	10.00	120 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	126 %	9-174	
524.2	01/28/19:201370VRG	MSD	ug/L	10.00	136 %	9-174		
Freon-11	524.2	01/27/19:200981VRG (SP 1901062-001)	MSRPD	ug/L	10.00	7.5%	≤37	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	103 %	0-232	
			MSD	ug/L	10.00	115 %	0-232	
	524.2	01/28/19:201023VRG	MSRPD	ug/L	10.00	11.4%	≤35	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	105 %	14-200	
			MSD	ug/L	10.00	133 %	14-200	
MSRPD			ug/L	10.00				

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Hexachlorobutadiene	524.2	01/27/19:200981VRG	MSRPD	ug/L	10.00	23.6%	≤40	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	112 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	108 %	14-200	
			MSD	ug/L	10.00	122 %	14-200	
MSRPD	ug/L		10.00	12.1%	≤40			
524.2	01/28/19:201370VRG	CCV	ug/L	10.00	111 %	70-130		
Isopropyl Ether	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	81.5 %	8-165	
			MSD	ug/L	10.00	91.3 %	8-165	
			MSRPD	ug/L	10.00	0.98	≤3	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	89.2 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	84.8 %	8-165	
MSD			ug/L	10.00	89.9 %	8-165		
MSRPD	ug/L		10.00	0.52	≤3			
524.2	01/28/19:201370VRG	CCV	ug/L	10.00	86.6 %	70-130		
Isopropylbenzene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	116 %	4-159	
			MSD	ug/L	10.00	137 %	4-159	
			MSRPD	ug/L	10.00	16.0%	≤37	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	118 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
MS			ug/L	10.00	126 %	4-159		
MSD			ug/L	10.00	136 %	4-159		
MSRPD	ug/L		10.00	7.5%	≤37			
524.2	01/28/19:201370VRG	CCV	ug/L	10.00	122 %	70-130		
Methyl tert-Butyl Ether	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	70.8 %	70-130	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	70.8 %	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	62.3 %	11-168	
			MSD	ug/L	10.00	70.6 %	11-168	
	MSRPD		ug/L	10.00	12.5%	≤29		
524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<1.0		
		MS	ug/L	10.00	66.4 %	11-168		
		MSD	ug/L	10.00	71.1 %	11-168		
MSRPD		ug/L	10.00	6.8%	≤29			
Methylene Chloride	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	70.3 %	70-130	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	73.7 %	70-130	
Naphthalene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	130 %	0-189	
			MSD	ug/L	10.00	151 %	0-189	
			MSRPD	ug/L	10.00	15.0%	≤32	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	129 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
MS			ug/L	10.00	126 %	0-189		
MSD			ug/L	10.00	142 %	0-189		
MSRPD	ug/L		10.00	11.8%	≤32			
524.2	01/28/19:201370VRG	CCV	ug/L	10.00	130 %	70-130		
n-Butylbenzene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	126 %	4-186	
			MSD	ug/L	10.00	155 %	4-186	
			MSRPD	ug/L	10.00	20.4%	≤37	
524.2	01/27/19:201290VRG	CCV	ug/L	10.00	134 %	70-130	360	

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Paradise Irrigation District

Lab ID : CH 1970631
Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic n-Butylbenzene	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 139 % 156 % 11.4%	<0.5 4-186 4-186 ≤37	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	138 %	70-130	360
n-Propylbenzene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 96.2 % 113 % 15.6%	<0.5 0-174 0-174 ≤37	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	101 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 107 % 116 % 8.3%	<0.5 0-174 0-174 ≤37	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	102 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 117 % 140 % 17.8%	<0.5 0-193 0-193 ≤40	
p-Isopropyltoluene	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	124 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 128 % 141 % 9.5%	<0.5 0-193 0-193 ≤40	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	126 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 116 % 140 % 18.8%	<0.5 0-177 0-177 ≤40	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	118 %	70-130	
sec-Butylbenzene	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 130 % 141 % 8.1%	<0.5 0-177 0-177 ≤40	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	123 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 100 % 102 % 1.7%	<0.5 0-198 0-198 ≤37	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	117 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 119 % 130 % 8.8%	<0.5 0-198 0-198 ≤37	
Styrene	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	116 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 114 % 126 % 1.2	<3 15-162 15-162 ≤3	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	122 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 100 % 106 % 0.54	<3 15-162 15-162 ≤3	
TAME	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank MS MSD MSRPD	ug/L ug/L ug/L ug/L	10.00 10.00 10.00 10.00	ND 114 % 126 % 1.2	<3 15-162 15-162 ≤3	

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Lab ID : CH 1970631
Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
TAME	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	115 %	70-130	
tert-Butanol	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<2	
			MS	ug/L	50.00	113 %	0-198	
			MSD	ug/L	50.00	113 %	0-198	
			MSRPD	ug/L	10.00	0.1%	≤39	
	524.2	01/27/19:201290VRG	CCV	ug/L	50.00	77.7 %	70-130	
tert-Butylbenzene	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<2	
			MS	ug/L	50.00	79.0 %	0-198	
			MSD	ug/L	50.00	90.7 %	0-198	
			MSRPD	ug/L	10.00	13.8%	≤39	
	524.2	01/28/19:201370VRG	CCV	ug/L	50.00	93.7 %	70-130	
tert-Butylbenzene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	97.4 %	9-179	
			MSD	ug/L	10.00	113 %	9-179	
			MSRPD	ug/L	10.00	15.3%	≤38	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	97.5 %	30-130	
Tetrachloroethylene (PCE)	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	104 %	9-179	
			MSD	ug/L	10.00	111 %	9-179	
			MSRPD	ug/L	10.00	6.3%	≤38	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	99.7 %	30-130	
Toluene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	83.1 %	14-186	
			MSD	ug/L	10.00	97.5 %	14-186	
			MSRPD	ug/L	10.00	15.9%	≤33	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	87.2 %	70-130	
Toluene	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	94.6 %	14-186	
			MSD	ug/L	10.00	102 %	14-186	
			MSRPD	ug/L	10.00	7.7%	≤33	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	87.4 %	70-130	
trans-1,2-Dichloroethylene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	91.9 %	3-174	
			MSD	ug/L	10.00	103 %	3-174	
			MSRPD	ug/L	10.00	11.1%	≤37	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	98.3 %	30-130	
trans-1,2-Dichloroethylene	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	104 %	3-174	
			MSD	ug/L	10.00	110 %	3-174	
			MSRPD	ug/L	10.00	5.6%	≤37	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	95.1 %	30-130	
trans-1,3-Dichloropropene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	81.3 %	5-165	
			MSD	ug/L	10.00	92.6 %	5-165	
			MSRPD	ug/L	10.00	13.0%	≤40	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	77.2 %	70-130	
trans-1,3-Dichloropropene	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	79.6 %	5-165	
			MSD	ug/L	10.00	85.6 %	5-165	
			MSRPD	ug/L	10.00	7.2%	≤40	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	76.2 %	70-130	
trans-1,3-Dichloropropene	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	9.200	109 %	0-169	
			MSD	ug/L	9.200	117 %	0-169	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic trans-1,3-Dichloropropene	524.2	01/27/19:200981VRG	MSRPD	ug/L	10.00	6.7%	≤31	
	524.2	01/27/19:201290VRG	CCV	ug/L	9.200	130 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	9.200	104 %	0-169	
			MSD	ug/L	9.200	114 %	0-169	
			MSRPD	ug/L	10.00	9.7%	≤31	
Trichloroethylene (TCE)	524.2	01/28/19:201370VRG	CCV	ug/L	9.200	109 %	70-130	
	524.2	01/27/19:200981VRG (SP 1901062-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	84.1 %	11-167	
			MSD	ug/L	10.00	96.6 %	11-167	
			MSRPD	ug/L	10.00	13.9%	≤35	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	85.4 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	90.3 %	11-167	
			MSD	ug/L	10.00	94.9 %	11-167	
			MSRPD	ug/L	10.00	5.0%	≤35	
Trichlorofluoromethane F-11	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	83.2 %	70-130	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	72.7 %	70-130	
Trichlorotrifluoroethane F-113	524.2	01/28/19:201370VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	54.4 %	0-183	
			MSD	ug/L	10.00	74.0 %	0-183	
			MSRPD	ug/L	10.00	30.6%	≤33	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	73.8 %	70-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	106 %	0-183	
			MSD	ug/L	10.00	118 %	0-183	
			MSRPD	ug/L	10.00	10.3%	≤33	
Vinyl Chloride	524.2	01/28/19:201370VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	81.3 %	70-130	
			MSD	ug/L	10.00	66.5 %	0-208	
			MSRPD	ug/L	10.00	26.7%	≤40	
	524.2	01/27/19:201290VRG	CCV	ug/L	10.00	86.9 %	30-130	
	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	95.8 %	0-208	
			MSD	ug/L	10.00	113 %	0-208	
			MSRPD	ug/L	10.00	16.4%	≤40	
Xylenes m,p	524.2	01/28/19:201370VRG	Blank	ug/L		96.4 %	30-130	
			MS	ug/L	10.00			
			MSD	ug/L	10.00			
			MSRPD	ug/L	10.00			
	524.2	01/27/19:201290VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	20.00	105 %	0-193	
			MSD	ug/L	20.00	121 %	0-193	
			MSRPD	ug/L	20.00	14.3%	≤37	
Xylenes o	524.2	01/28/19:201370VRG	Blank	ug/L		113 %	70-130	
			MS	ug/L	20.00			
			MSD	ug/L	20.00			
			MSRPD	ug/L	20.00			
	524.2	01/27/19:201290VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	20.00	121 %	0-193	
			MSD	ug/L	20.00	128 %	0-193	
			MSRPD	ug/L	10.00	6.1%	≤37	

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Lab ID : CH 1970631
 Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Xylenes o	524.2	01/28/19:201023VRG (SP 1900475-005)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	127 %	0-188	
			MSD	ug/L	10.00	135 %	0-188	
			MSRPD	ug/L	10.00	5.5%	≤36	
	524.2	01/28/19:201370VRG	CCV	ug/L	10.00	123 %	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.								