

April 12, 2019

Paradise Irrigation District
 6332 Clark Road
 Paradise, CA 95969

Lab ID : CH 1972333
 Customer : 7-5855

Laboratory Report

Introduction: This report package contains total of 16 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(8 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	04/03/2019	04/03/2019	CH 1972333-000	LBW
280 Oakspring	04/03/2019	04/03/2019	CH 1972333-001	DW
280 Oakspring	04/03/2019	04/03/2019	CH 1972333-002	DW
280 Oakspring	04/03/2019	04/03/2019	CH 1972333-003	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	04/08/2019:205121 All analysis quality controls are within established criteria
	04/08/2019:203817 All preparation quality controls are within established criteria

Discussion of Analytical Results: -

The methylene chloride result for 1972333-002 (280 Oakspring 13:40) was confirmed by re-analysis.

April 12, 2019
Paradise Irrigation District

Lab ID : CH 1972333
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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:CEA

Approved By **Kelly A. Dunnahoo, B.S.**



Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2019-04-12

April 12, 2019

Lab ID : CH 1972333-000

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : April 3, 2019-00:00

Sampled By : Laura Capra

Received On : April 3, 2019-14:31

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 [‡]	104	70-130	%		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichlorobenzene-d4 [‡]	115	70-130	%		524.2	04/08/19:203817	524.2	04/08/19:205121
Benzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Bromobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Bromochloromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Bromomethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
n-Butylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
sec-Butylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
tert-Butylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Carbon Tetrachloride	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Chlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Chloroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Chloromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
2-Chlorotoluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
4-Chlorotoluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Dibromomethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,4-Dichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1-Dichloroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichloroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1-Dichloroethylene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
cis-1,2-Dichloroethylene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
trans-1,2-Dichloroethylene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichloropropane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,3-Dichloropropane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Dichloromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
2,2-Dichloropropane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1-Dichloropropene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,3-Dichloropropene (Total)	ND	--	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Ethyl Benzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121

April 12, 2019
Description : Travel Blank

Lab ID : CH 1972333-000
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 tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Hexachlorobutadiene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Isopropylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
p-Isopropyltoluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Methyl tert-Butyl Ether (MTBE)	ND	1	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Naphthalene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
n-Propylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Styrene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Tetrachloroethylene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Toluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2,4-Trichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,1-Trichloroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,2-Trichloroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Trichloroethylene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Trichlorofluoromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Vinyl Chloride	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Xylenes (Total)	ND	--	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Xylenes m,p	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Xylenes o	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121

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

April 12, 2019

Lab ID : CH 1972333-001

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : April 3, 2019-13:35

Sampled By : Laura Capra

Received On : April 3, 2019-14:31

Matrix : Drinking Water

Description : 280 Oakspring

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 [‡]	108	70-130	%	1	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichlorobenzene-d4 [‡]	117	70-130	%		524.2	04/08/19:203817	524.2	04/08/19:205121
Benzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Bromobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Bromochloromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Bromomethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
n-Butylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
sec-Butylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
tert-Butylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Carbon Tetrachloride	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Chlorobenzene	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
Chloroethane	ND	0.5	ug/L	70	524.2	04/08/19:203817	524.2	04/08/19:205121
Chloromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
2-Chlorotoluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
4-Chlorotoluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Dibromomethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichlorobenzene	ND	0.5	ug/L	600	524.2	04/08/19:203817	524.2	04/08/19:205121
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,4-Dichlorobenzene	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1-Dichloroethane	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichloroethane	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
1,1-Dichloroethylene	ND	0.5	ug/L	6	524.2	04/08/19:203817	524.2	04/08/19:205121
cis-1,2-Dichloroethylene	ND	0.5	ug/L	6	524.2	04/08/19:203817	524.2	04/08/19:205121
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichloropropane	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
1,3-Dichloropropane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Dichloromethane	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
2,2-Dichloropropane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1-Dichloropropene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,3-Dichloropropene (Total)	ND	--	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
cis-1,3-Dichloropropene	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
trans-1,3-Dichloropropene	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Ethyl Benzene	ND	0.5	ug/L	300	524.2	04/08/19:203817	524.2	04/08/19:205121

April 12, 2019
Description : 280 Oakspring

Lab ID : CH 1972333-001
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 tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Hexachlorobutadiene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Isopropylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
p-Isopropyltoluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Methyl tert-Butyl Ether (MTBE)	ND	1	ug/L	13	524.2	04/08/19:203817	524.2	04/08/19:205121
Naphthalene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
n-Propylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Styrene	ND	0.5	ug/L	100	524.2	04/08/19:203817	524.2	04/08/19:205121
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	04/08/19:203817	524.2	04/08/19:205121
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
Toluene	ND	0.5	ug/L	150	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
Trichloroethylene	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
Xylenes (Total)	ND	--	ug/L	1750	524.2	04/08/19:203817	524.2	04/08/19:205121
Xylenes m,p	ND	0.5	ug/L	1750	524.2	04/08/19:203817	524.2	04/08/19:205121
Xylenes o	ND	0.5	ug/L	1750	524.2	04/08/19:203817	524.2	04/08/19:205121

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.

April 12, 2019

Lab ID : CH 1972333-002

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : April 3, 2019-13:40

Sampled By : Laura Capra

Received On : April 3, 2019-14:31

Matrix : Drinking Water

Description : 280 Oakspring

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 [‡]	99.0	70-130	%	1	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichlorobenzene-d4 [‡]	113	70-130	%		524.2	04/08/19:203817	524.2	04/08/19:205121
Benzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Bromobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Bromochloromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Bromomethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
n-Butylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
sec-Butylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
tert-Butylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Carbon Tetrachloride	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Chlorobenzene	ND	0.5	ug/L	0.5 70	524.2	04/08/19:203817	524.2	04/08/19:205121
Chloroethane	ND	0.5	ug/L	600	524.2	04/08/19:203817	524.2	04/08/19:205121
Chloromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
2-Chlorotoluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
4-Chlorotoluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Dibromomethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,4-Dichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1-Dichloroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichloroethane	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
1,1-Dichloroethylene	ND	0.5	ug/L	6	524.2	04/08/19:203817	524.2	04/08/19:205121
cis-1,2-Dichloroethylene	ND	0.5	ug/L	6	524.2	04/08/19:203817	524.2	04/08/19:205121
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichloropropane	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
1,3-Dichloropropane	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
Dichloromethane	2.1	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
2,2-Dichloropropane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1-Dichloropropene	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
1,3-Dichloropropene (Total)	ND	--	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
trans-1,3-Dichloropropene	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
Di-isopropyl ether (DIPE)	ND	3	ug/L	300	524.2	04/08/19:203817	524.2	04/08/19:205121
Ethyl Benzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121

April 12, 2019
Description : 280 Oakspring

Lab ID : CH 1972333-002
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	04/08/19:203817	524.2	04/08/19:205121
Hexachlorobutadiene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Isopropylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
p-Isopropyltoluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Methyl tert-Butyl Ether (MTBE)	ND	1	ug/L	13	524.2	04/08/19:203817	524.2	04/08/19:205121
Naphthalene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
n-Propylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Styrene	ND	0.5	ug/L	100	524.2	04/08/19:203817	524.2	04/08/19:205121
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	04/08/19:203817	524.2	04/08/19:205121
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
Toluene	ND	0.5	ug/L	150	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
Trichloroethylene	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
Xylenes (Total)	ND	--	ug/L	1750	524.2	04/08/19:203817	524.2	04/08/19:205121
Xylenes m,p	ND	0.5	ug/L	1750	524.2	04/08/19:203817	524.2	04/08/19:205121
Xylenes o	ND	0.5	ug/L	1750	524.2	04/08/19:203817	524.2	04/08/19:205121

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.

April 12, 2019

Lab ID : CH 1972333-003

Customer ID : 7-5855

Paradise Irrigation District

6332 Clark Road

Paradise, CA 95969

Sampled On : April 3, 2019-13:45

Sampled By : Laura Capra

Received On : April 3, 2019-14:31

Matrix : Drinking Water

Description : 280 Oakspring

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 [‡]	106	70-130	%	1	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichlorobenzene-d4 [‡]	123	70-130	%		524.2	04/08/19:203817	524.2	04/08/19:205121
Benzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Bromobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Bromochloromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Bromomethane	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
n-Butylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
sec-Butylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
tert-Butylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Carbon Tetrachloride	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Chlorobenzene	ND	0.5	ug/L	70	524.2	04/08/19:203817	524.2	04/08/19:205121
Chloroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Chloromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
2-Chlorotoluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
4-Chlorotoluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Dibromomethane	ND	0.5	ug/L	600	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,4-Dichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1-Dichloroethane	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichloroethane	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
1,1-Dichloroethylene	ND	0.5	ug/L	6	524.2	04/08/19:203817	524.2	04/08/19:205121
cis-1,2-Dichloroethylene	ND	0.5	ug/L	6	524.2	04/08/19:203817	524.2	04/08/19:205121
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2-Dichloropropane	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
1,3-Dichloropropane	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
Dichloromethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
2,2-Dichloropropane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1-Dichloropropene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,3-Dichloropropene (Total)	ND	--	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
cis-1,3-Dichloropropene	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
trans-1,3-Dichloropropene	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
Di-isopropyl ether (DIPE)	ND	3	ug/L	300	524.2	04/08/19:203817	524.2	04/08/19:205121
Ethyl Benzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121

April 12, 2019
Description : 280 Oakspring

Lab ID : CH 1972333-003
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	04/08/19:203817	524.2	04/08/19:205121
Hexachlorobutadiene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Isopropylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
p-Isopropyltoluene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Methyl tert-Butyl Ether (MTBE)	ND	1	ug/L	13	524.2	04/08/19:203817	524.2	04/08/19:205121
Naphthalene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
n-Propylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Styrene	ND	0.5	ug/L	100	524.2	04/08/19:203817	524.2	04/08/19:205121
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	04/08/19:203817	524.2	04/08/19:205121
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
Toluene	ND	0.5	ug/L	150	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
Trichloroethylene	ND	0.5	ug/L	5	524.2	04/08/19:203817	524.2	04/08/19:205121
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	04/08/19:203817	524.2	04/08/19:205121
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	04/08/19:203817	524.2	04/08/19:205121
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	04/08/19:203817	524.2	04/08/19:205121
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	04/08/19:203817	524.2	04/08/19:205121
Xylenes (Total)	ND	--	ug/L	1750	524.2	04/08/19:203817	524.2	04/08/19:205121
Xylenes m,p	ND	0.5	ug/L	1750	524.2	04/08/19:203817	524.2	04/08/19:205121
Xylenes o	ND	0.5	ug/L	1750	524.2	04/08/19:203817	524.2	04/08/19:205121

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.

April 12, 2019
 Paradise Irrigation District

Lab ID : CH 1972333
 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	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	81.8 %	12-178	
			MSD	ug/L	10.00	100 %	12-178	
			MSRPD	ug/L	10.00	20.0%	≤39	
1,1,1-Trichloroethane(TCA)	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	96.2 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	84.5 %	9-176	
			MSD	ug/L	10.00	102 %	9-176	
1,1,2,2-Tetrachloroethane	524.2	04/08/19:203817SBL (SP 1904137-001)	MSRPD	ug/L	10.00	18.9%	≤33	
			CCV	ug/L	10.00	93.8 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	73.9 %	23-180	
1,1,2-Trichloroethane	524.2	04/08/19:203817SBL (SP 1904137-001)	MSD	ug/L	10.00	88.1 %	23-180	
			MSRPD	ug/L	10.00	17.5%	≤34	
			CCV	ug/L	10.00	79.9 %	70-130	
			Blank	ug/L		ND	<0.5	
1,1-Dichloroethane	524.2	04/08/19:203817SBL (SP 1904137-001)	MS	ug/L	10.00	79.5 %	25-173	
			MSD	ug/L	10.00	94.0 %	25-173	
			MSRPD	ug/L	10.00	16.7%	≤29	
			CCV	ug/L	10.00	91.0 %	70-130	
1,1-Dichloroethylene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	67.1 %	15-161	
			MSD	ug/L	10.00	81.1 %	15-161	
			MSRPD	ug/L	10.00	18.8%	≤36	
1,1-Dichloropropene	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	77.7 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	74.2 %	0-171	
			MSD	ug/L	10.00	90.5 %	0-171	
1,2,3-Trichlorobenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	MSRPD	ug/L	10.00	19.9%	≤31	
			CCV	ug/L	10.00	84.0 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	83.4 %	14-181	
1,2,4-Trichlorobenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	MSD	ug/L	10.00	108 %	14-181	
			MSRPD	ug/L	10.00	26.1%	≤34	
			CCV	ug/L	10.00	95.2 %	70-130	
			Blank	ug/L		ND	<0.5	
1,2,4-Trimethylbenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	MS	ug/L	10.00	82.9 %	10-180	
			MSD	ug/L	10.00	107 %	10-180	
			MSRPD	ug/L	10.00	25.4%	≤32	
			CCV	ug/L	10.00	94.8 %	70-130	
1,2-Dichlorobenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	73.6 %	2-192	
			MSD	ug/L	10.00	85.7 %	2-192	
			MSRPD	ug/L	10.00	15.2%	≤39	
1,2-Dichlorobenzene	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	83.5 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	81.9 %	13-191	
			MSD	ug/L	10.00	99.8 %	13-191	
1,2-Dichlorobenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	MSRPD	ug/L	10.00	19.7%	≤35	
			CCV	ug/L	10.00	95.3 %	70-130	

April 12, 2019
Paradise Irrigation District

Lab ID : CH 1972333
Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2-Dichlorobenzene-d4	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L	10.00	111 %	70-130	
			MS	ug/L	10.00	111 %	70-130	
			MSD	ug/L	10.00	113 %	70-130	
			MSRPD	ug/L	10.00	1.7%	≤20	
524.2	04/08/19:205121SBL	CCV	ug/L	10.00	112 %	70-130		
1,2-Dichloroethane (EDC)	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	67.6 %	18-162	
			MSD	ug/L	10.00	82.5 %	18-162	
			MSRPD	ug/L	10.00	19.8%	≤33	
524.2	04/08/19:205121SBL	CCV	ug/L	10.00	79.2 %	70-130		
1,2-Dichloropropane	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	69.3 %	10-163	
			MSD	ug/L	10.00	80.4 %	10-163	
			MSRPD	ug/L	10.00	14.8%	≤34	
524.2	04/08/19:205121SBL	CCV	ug/L	10.00	80.8 %	70-130		
1,3,5-Trimethylbenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	73.0 %	0-210	
			MSD	ug/L	10.00	85.3 %	0-210	
			MSRPD	ug/L	10.00	15.5%	≤40	
524.2	04/08/19:205121SBL	CCV	ug/L	10.00	82.7 %	70-130		
1,3-Dichlorobenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	79.1 %	17-182	
			MSD	ug/L	10.00	92.5 %	17-182	
			MSRPD	ug/L	10.00	15.7%	≤39	
524.2	04/08/19:205121SBL	CCV	ug/L	10.00	91.9 %	70-130		
1,3-Dichloropropane	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	77.7 %	0-178	
			MSD	ug/L	10.00	89.8 %	0-178	
			MSRPD	ug/L	10.00	14.4%	≤29	
524.2	04/08/19:205121SBL	CCV	ug/L	10.00	89.0 %	70-130		
1,4-Dichlorobenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	79.1 %	19-183	
			MSD	ug/L	10.00	96.1 %	19-183	
			MSRPD	ug/L	10.00	19.4%	≤37	
524.2	04/08/19:205121SBL	CCV	ug/L	10.00	93.6 %	70-130		
2,2-Dichloropropane	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	81.4 %	0-288	
			MSD	ug/L	10.00	96.7 %	0-288	
			MSRPD	ug/L	10.00	17.1%	≤33	
524.2	04/08/19:205121SBL	CCV	ug/L	10.00	91.9 %	70-130		
2-Chlorotoluene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	76.2 %	17-180	
			MSD	ug/L	10.00	90.6 %	17-180	
			MSRPD	ug/L	10.00	17.2%	≤38	
524.2	04/08/19:205121SBL	CCV	ug/L	10.00	88.3 %	70-130		
4-Bromofluorobenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L	10.00	99.7 %	70-130	
			MS	ug/L	10.00	110 %	70-130	
			MSD	ug/L	10.00	108 %	70-130	
			MSRPD	ug/L	10.00	1.3%	≤30	
524.2	04/08/19:205121SBL	CCV	ug/L	10.00	110 %	70-130		
4-Bromofluorobenzene (BFB)	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	110 %	70-130	
4-Chlorotoluene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	76.8 %	11-177	
			MSD	ug/L	10.00	91.6 %	11-177	
			MSRPD	ug/L	10.00	17.5%	≤41	

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Paradise Irrigation District

Lab ID : CH 1972333
Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
4-Chlorotoluene	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	90.5 %	70-130	
Benzene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.6 %	12-158	
			MSD	ug/L	10.00	85.6 %	12-158	
			MSRPD	ug/L	10.00	17.8%	≤36	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	82.5 %	70-130	
Bromobenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	79.5 %	23-177	
			MSD	ug/L	10.00	93.1 %	23-177	
			MSRPD	ug/L	10.00	15.7%	≤40	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	92.1 %	70-130	
Bromochloromethane	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	76.2 %	4-186	
			MSD	ug/L	10.00	94.3 %	4-186	
			MSRPD	ug/L	10.00	21.2%	≤30	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	88.2 %	70-130	
Bromomethane (Methyl Bromide)	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	110 %	0-196	
			MSD	ug/L	10.00	116 %	0-196	
			MSRPD	ug/L	10.00	5.2%	≤40	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	93.4 %	70-130	
Carbon Tetrachloride	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	84.2 %	5-175	
			MSD	ug/L	10.00	101 %	5-175	
			MSRPD	ug/L	10.00	18.5%	≤32	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	92.3 %	70-130	
Chlorobenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	77.5 %	14-175	
			MSD	ug/L	10.00	90.8 %	14-175	
			MSRPD	ug/L	10.00	15.7%	≤35	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	90.8 %	70-130	
Chloroethane (Ethyl Chloride)	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	111 %	0-184	
			MSD	ug/L	10.00	114 %	0-184	
			MSRPD	ug/L	10.00	2.9%	≤40	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	91.1 %	70-130	
Chloromethane(Methyl Chloride)	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	94.2 %	0-224	
			MSD	ug/L	10.00	98.5 %	0-224	
			MSRPD	ug/L	10.00	4.5%	≤39	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	77.9 %	70-130	
cis-1,2-Dichloroethylene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	71.4 %	16-172	
			MSD	ug/L	10.00	86.4 %	16-172	
			MSRPD	ug/L	10.00	19.0%	≤34	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	81.2 %	70-130	
cis-1,3-Dichloropropene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	9.550	77.3 %	5-158	
			MSD	ug/L	9.550	87.4 %	5-158	
			MSRPD	ug/L	10.00	12.2%	≤38	
	524.2	04/08/19:205121SBL	CCV	ug/L	9.550	99.7 %	70-130	
Dibromomethane	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	72.5 %	11-168	
			MSD	ug/L	10.00	90.1 %	11-168	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Dibromomethane	524.2	04/08/19:203817SBL	MSRPD	ug/L	10.00	21.7%	≤28	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	83.6 %	70-130	
Dichlorodifluoromethane	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	118 %	0-334	
			MSD	ug/L	10.00	126 %	0-334	
			MSRPD	ug/L	10.00	6.8%	≤39	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	71.6 %	70-130	
Dichloromethane	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	67.8 %	20-157	
			MSD	ug/L	10.00	83.9 %	20-157	
			MSRPD	ug/L	10.00	21.2%	≤36	
Ethyl tert-Butyl Ether	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	95.4 %	11-165	
			MSD	ug/L	10.00	121 %	11-165	
			MSRPD	ug/L	10.00	2.6	≤3	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	109 %	70-130	
Ethylbenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	74.1 %	9-174	
			MSD	ug/L	10.00	85.7 %	9-174	
			MSRPD	ug/L	10.00	14.5%	≤37	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	86.0 %	70-130	
Freon-11	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	155 %	0-232	
			MSD	ug/L	10.00	166 %	0-232	
			MSRPD	ug/L	10.00	6.6%	≤35	
Hexachlorobutadiene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	111 %	14-200	
			MSD	ug/L	10.00	136 %	14-200	
			MSRPD	ug/L	10.00	20.7%	≤40	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	120 %	70-130	
Isopropyl Ether	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	75.3 %	8-165	
			MSD	ug/L	10.00	88.4 %	8-165	
			MSRPD	ug/L	10.00	1.3	≤3	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	82.9 %	70-130	
Isopropylbenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	77.0 %	4-159	
			MSD	ug/L	10.00	90.5 %	4-159	
			MSRPD	ug/L	10.00	16.1%	≤37	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	86.1 %	70-130	
Methyl tert-Butyl Ether	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	103 %	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	91.0 %	11-168	
			MSD	ug/L	10.00	117 %	11-168	
			MSRPD	ug/L	10.00	25.2%	≤29	
Methylene Chloride	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	86.5 %	70-130	
Naphthalene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	72.7 %	0-189	
			MSD	ug/L	10.00	95.4 %	0-189	
			MSRPD	ug/L	10.00	27.0%	≤32	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	79.5 %	70-130	
n-Butylbenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	77.6 %	4-186	
			MSD	ug/L	10.00	92.9 %	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	04/08/19:203817SBL	MSRPD	ug/L	10.00	17.9%	≤37	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	85.0 %	70-130	
n-Propylbenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	77.6 %	0-174	
			MSD	ug/L	10.00	90.1 %	0-174	
			MSRPD	ug/L	10.00	14.9%	≤37	
p-Isopropyltoluene	524.2	04/08/19:205121SBL (SP 1904137-001)	CCV	ug/L	10.00	87.0 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	75.1 %	0-193	
			MSD	ug/L	10.00	89.5 %	0-193	
sec-Butylbenzene	524.2	04/08/19:203817SBL (SP 1904137-001)	MSRPD	ug/L	10.00	17.5%	≤40	
			CCV	ug/L	10.00	82.8 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	83.1 %	0-177	
Styrene	524.2	04/08/19:203817SBL (SP 1904137-001)	MSD	ug/L	10.00	99.6 %	0-177	
			MSRPD	ug/L	10.00	18.0%	≤40	
			CCV	ug/L	10.00	90.5 %	70-130	
			Blank	ug/L		ND	<0.5	
TAME	524.2	04/08/19:203817SBL (SP 1904137-001)	MS	ug/L	10.00	68.7 %	0-198	
			MSD	ug/L	10.00	78.8 %	0-198	
			MSRPD	ug/L	10.00	13.7%	≤37	
			CCV	ug/L	10.00	81.8 %	70-130	
tert-Butylbenzene	524.2	04/08/19:205121SBL (SP 1904137-001)	Blank	ug/L		ND	<3	
			MS	ug/L	10.00	95.8 %	15-162	
			MSD	ug/L	10.00	123 %	15-162	
			MSRPD	ug/L	10.00	2.7	≤3	
Tetrachloroethylene (PCE)	524.2	04/08/19:203817SBL (SP 1904137-001)	CCV	ug/L	10.00	107 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.3 %	14-186	
			MSD	ug/L	10.00	99.4 %	14-186	
Toluene	524.2	04/08/19:205121SBL (SP 1904137-001)	MSRPD	ug/L	10.00	14.1%	≤33	
			CCV	ug/L	10.00	94.9 %	70-130	
			Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	74.8 %	3-174	
trans-1,2-Dichloroethylene	524.2	04/08/19:203817SBL (SP 1904137-001)	MSD	ug/L	10.00	88.5 %	3-174	
			MSRPD	ug/L	10.00	16.8%	≤37	
			CCV	ug/L	10.00	87.5 %	30-130	
			Blank	ug/L		ND	<0.5	
trans-1,3-Dichloropropene	524.2	04/08/19:203817SBL (SP 1904137-001)	MS	ug/L	10.00	72.3 %	5-165	
			MSD	ug/L	10.00	85.8 %	5-165	
			MSRPD	ug/L	10.00	17.1%	≤40	
			CCV	ug/L	10.00	80.1 %	70-130	
Trichloroethylene (TCE)	524.2	04/08/19:205121SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	9.200	70.6 %	0-169	
			MSD	ug/L	9.200	79.6 %	0-169	
			MSRPD	ug/L	10.00	11.9%	≤31	
Trichloroethylene (TCE)	524.2	04/08/19:203817SBL	CCV	ug/L	9.200	83.9 %	70-130	
			Blank	ug/L		ND	<0.5	
Trichloroethylene (TCE)	524.2	04/08/19:203817SBL	MS	ug/L	10.00	75.5 %	11-167	

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Lab ID : CH 1972333
Customer : 7-5855

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Trichloroethylene (TCE)	524.2	(SP 1904137-001)	MSD	ug/L	10.00	90.5 %	11-167	
			MSRPD	ug/L	10.00	18.1%	≤35	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	89.1 %	70-130	
Trichlorofluoromethane F-11	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	115 %	70-130	
Trichlorotrifluoroethane F-113	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	93.6 %	0-183	
			MSD	ug/L	10.00	129 %	0-183	
			MSRPD	ug/L	10.00	31.7%	≤33	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	70.4 %	70-130	
Vinyl Chloride	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	125 %	0-208	
			MSD	ug/L	10.00	129 %	0-208	
			MSRPD	ug/L	10.00	3.7%	≤40	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	96.1 %	30-130	
Xylenes m,p	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	20.00	80.2 %	0-193	
			MSD	ug/L	20.00	91.5 %	0-193	
			MSRPD	ug/L	10.00	13.2%	≤37	
	524.2	04/08/19:205121SBL	CCV	ug/L	20.00	90.5 %	70-130	
Xylenes o	524.2	04/08/19:203817SBL (SP 1904137-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	76.6 %	0-188	
			MSD	ug/L	10.00	90.4 %	0-188	
			MSRPD	ug/L	10.00	16.5%	≤36	
	524.2	04/08/19:205121SBL	CCV	ug/L	10.00	88.5 %	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.								