

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: (626) 386-1100
Fax: (866) 988-3757
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

San Lorenzo Valley Water District
13060 Highway 9
Boulder Creek, CA 95006-9119
Attention: Nate Gillespie
Fax: 831-338-8002

Date of Issue
10/13/2020



**EUROFINS EATON
ANALYTICAL, LLC**

UMVN: Monica Van Natta
Project Manager

Report: 897373
Project: SPECIAL
Group: Fire Investigation



Utah ELCP CA00006

* Accredited in accordance with TNI 2016 and ISO/IEC 17025:2017.

* Laboratory certifies that the test results meet all **TNI 2016 and ISO/IEC 17025:2017** requirements unless noted under the individual analysis.

* Following the cover page are State Certification List, ISO 17025 Accredited Method List, Acknowledgement of Samples Received, Comments, Hits Report, Data Report, QC Summary, QC Report and Regulatory Forms, as applicable.

* Test results relate only to the sample(s) tested.

* Test results apply to the sample(s) as received, unless otherwise noted in the comments report (ISO/IEC 17025:2017).

* This report shall not be reproduced except in full, without the written approval of the laboratory.

* This report includes ISO/IEC 17025 and non-ISO 17025 accredited methods.

STATE CERTIFICATION LIST

State	Certification Number	State	Certification Number
Alabama	41060	Montana	Cert 0035
Arizona	AZ0778	Nebraska	Certified
Arkansas	Certified	Nevada	CA000062018
California	2813	New Hampshire *	2959
Colorado	Certified	New Jersey *	CA 008
Connecticut	PH-0107	New Mexico	Certified
Delaware	CA 006	New York *	11320
Florida *	E871024	North Carolina	06701
Georgia	947	North Dakota	R-009
Guam	18-005R	Oregon *	CA200003-005
Hawaii	Certified	Pennsylvania *	68-565
Idaho	Certified	Puerto Rico	Certified
Illinois *	200033	Rhode Island	LAO00326
Indiana	C-CA-01	South Carolina	87016
Iowa - Asbestos	413	South Dakota	Certified
Kansas *	E-10268	Tennessee	TN02839
Kentucky	90107	Texas *	T104704230-18-15
Louisiana *	LA180000	Utah (Primary AB) *	CA00006
Maine	CA0006	Vermont	VT0114
Maryland	224	Virginia *	460260
Commonwealth of Northern Marianas Is.	MP0004	Washington	C838
Massachusetts	M-CA006	EPA Region 5	Certified
Michigan	9906	Los Angeles County Sanitation Districts	10264
Mississippi	Certified		

* NELAP/TNI Recognized Accreditation Bodies

ISO/IEC 17025 Accredited Method List

The tests listed below are accredited and meet the requirements of ISO/IEC 17025 as verified by the ANSI-ASQ National Accreditation Board/A2LA.
Refer to Certificate and scope of accreditation (5890) found at: <https://www.eurofinsus.com/Eaton>

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environ-mental (Drinking Water)	Environ-mental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
1,2,3-TCP (5 PPT & 0.5 PPT)	CA SRL 524M-TCP	x		x
1,4-Dioxane	EPA 522	x		x
2,3,7,8-TCDD	Modified EPA 1613B	x		x
Acrylamide	In House Method (2440)	x		x
Algal Toxins/Microcystin	In House Method (3570)			
Alkalinity	SM 2320B	x	x	x
Ammonia	EPA 350.1		x	x
Ammonia	SM 4500-NH3 H		x	x
Anions and DBPs by IC	EPA 300.0	x	x	x
Anions and DBPs by IC	EPA 300.1	x		x
Asbestos	EPA 100.2	x	x	
BOD / CBOD	SM 5210B		x	x
Bromate	In House Method (2447)	x		x
Carbamates	EPA 531.2	x		x
Carbonate as CO3	SM 2330B	x	x	x
Carbonyls	EPA 556	x		x
COD	EPA 410.4 / SM 5220D		x	
Chloramines	SM 4500-CL G	x	x	x
Chlorinated Acids	EPA 515.4	x		x
Chlorinated Acids	EPA 555	x		x
Chlorine Dioxide	SM 4500-CLO2 D Palin Test	x		x
Chlorine -Total/Free/ Combined Residual	SM 4500-Cl G	x	x	x
Conductivity	EPA 120.1		x	
Conductivity	SM 2510B	x	x	x
Corrosivity (Langelier Index)	SM 2330B	x		x
Cyanide, Amenable	SM 4500-CN G	x	x	
Cyanide, Free	SM 4500CN F	x	x	x
Cyanide, Total	EPA 335.4	x	x	x
Cyanogen Chloride (screen)	In House Method (2470)	x		x
Diquat and Paraquat	EPA 549.2	x		x
DBP/HAA	SM 6251B	x		x
Dissolved Oxygen	SM 4500-O G		x	x
DOC	SM 5310C	x		x
E. Coli	(MTF/EC+MUG)	x		x
E. Coli	CFR 141.21(f)(6)(i)	x		x
E. Coli	SM 9223		x	
E. Coli (Enumeration)	SM 9221B.1/ SM 9221F	x		x
E. Coli (Enumeration)	SM 9223B	x		x
EDB/DCBP	EPA 504.1	x		
EDB/DBCP and DBP	EPA 551.1	x		x
EDTA and NTA	In House Method (2454)	x		x
Endothall	EPA 548.1	x		x
Endothall	In-house Method (2445)	x		x
Enterococci	SM 9230B	x	x	
Fecal Coliform	SM 9221 E (MTF/EC)	x		
Fecal Coliform	SM 9221C, E (MTF/EC)		x	
Fecal Coliform (Enumeration)	SM 9221E (MTF/EC)	x		x
Fecal Coliform with Chlorine Present	SM 9221E		x	
Fecal Streptococci	SM 9230B	x	x	
Fluoride	SM 4500-F C	x	x	x
Glyphosate	EPA 547	x		x
Glyphosate + AMPA	In House Method (3618)	x		x
Gross Alpha/Beta	EPA 900.0	x	x	x
Gross Alpha Coprecipitation	SM 7110 C	x	x	x
Hardness	SM 2340B	x	x	x
Heterotrophic Bacteria	In House Method (2439)	x		x
Heterotrophic Bacteria	SM 9215 B	x		x
Hexavalent Chromium	EPA 218.6	x	x	x

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environ-mental (Drinking Water)	Environ-mental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
Hexavalent Chromium	EPA 218.7	x		x
Hexavalent Chromium	SM 3500-Cr B		x	
Hormones	EPA 539	x		x
Hydroxide as OH Calc.	SM 2330B	x		x
Kjeldahl Nitrogen	EPA 351.2		x	
Legionella	Legiolert	x		x
Mercury	EPA 200.8	x		x
Metals	EPA 200.7 / 200.8	x	x	x
Microcystin LR	ELISA (2360)	x		x
Microcystin, Total	EPA 546	x		x
NDMA	EEA/Agilent 521.1 In house method (2425)	x		x
Nitrate/Nitrite Nitrogen	EPA 353.2	x	x	x
OCL, Pesticides/PCB	EPA 505	x		x
Ortho Phosphate	EPA 365.1	x	x	x
Ortho Phosphorous	SM 4500P E	x		x
Oxyhalides Disinfection Byproducts	EPA 317.0	x		x
Perchlorate	EPA 331.0	x		x
Perchlorate (low and high)	EPA 314.0	x		x
Perfluorinated Alkyl Acids	EPA 537	x		x
Perfluorinated Pollutant	In house Method (2434)	x		x
pH	EPA 150.1	x		
pH	SM 4500-H+B	x	x	x
Phenylurea Pesticides/ Herbicides	In House Method, based on EPA 532 (2448)	x		x
Pseudomonas	IDEXX Pseudalart (2461)	x		x
Radium-226	GA Institute of Tech	x		x
Radium-228	GA Institute of Tech	x		x
Radon-222	SM 7500RN	x		x
Residue, Filterable	SM 2540C	x	x	x
Residue, Non-filterable	SM 2540D		x	
Residue, Total	SM 2540B		x	x
Residue, Volatile	EPA 160.4		x	
Semi-VOC	EPA 525.2	x		x
Silica	SM 4500-Si D	x	x	
Silica	SM 4500-SiO2 C	x	x	
Sulfide	SM 4500-S ⁻ D		x	
Sulfite	SM 4500-SO ³ B	x	x	x
Surfactants	SM 5540C	x	x	x
Taste and Odor Analytes	SM 6040E	x		x
Total Coliform (P/A)	SM 9221 A, B	x		x
Total Coliform (Enumeration)	SM 9221 A, B, C	x		x
Total Coliform / E. coli	Colisure SM 9223	x		x
Total Coliform	SM 9221B		x	
Total Coliform with Chlorine Present	SM 9221B		x	
Total Coliform / E.coli (P/A and Enumeration)	SM 9223	x		x
TOC	SM 5310C	x	x	x
TOX	SM 5320B		x	
Total Phenols	EPA 420.1		x	
Total Phenols	EPA 420.4	x	x	x
Total Phosphorous	SM 4500 P E		x	
Triazine Pesticides & Degradates	In House (3617)	x		x
Turbidity	EPA 180.1	x	x	x
Turbidity	SM 2130B	x	x	
Uranium by ICP/MS	EPA 200.8	x		x
UV 254	SM 5910B	x		
VOC	EPA 524.2	x		x
VOC	In House Method (2411)	x		x
Yeast and Mold	SM 9610	x		x
Field Sampling	N/A			

Acknowledgement of Samples Received

Addr: **San Lorenzo Valley Water District**
13060 Highway 9
Boulder Creek, CA 95006-9119

Client ID: SANLORENZO
Folder #: 897373
Project: SPECIAL
Sample Group: Fire Investigation

Attn: Nate Gillespie
Phone: 831-216-9019

Project Manager: Monica Van Natta
Phone: 559-797-1931

The following samples were received from you on **October 09, 2020 at 1148**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using Eurofins Eaton Analytical, LLC.

Sample #	Sample ID	Sample Date
<u>202010090148</u>	595 Boulder Brook (flush service line)	10/08/2020 1130
	@VOASDWA C RUSH	
<u>202010090149</u>	424 Boulder Brook (flush service line)	10/08/2020 1100
	@VOASDWA C RUSH	

Test Description

@VOASDWA C -- Volatile Organics by GCMS

CHAIN OF CUSTODY RECORD

EUROFINS EATON ANALYTICAL USE ONLY:

7750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629

Phone: 626 386 1100
Fax: 626 386 1101
800 566 LABS (800 566 5227)

Website: www.EatonAnalytical.com

LOGIN COMMENTS:

SAMPLES CHECKED AGAINST COC BY:

750 Royal Oaks Drive, Suite
Monrovia, CA 91016-3629

Phone: 626 386 1100
Fax: 626 386 1101

800 566 LABS (800 566 5227)

Website: www.EatonAnalytical.com

SAMPLE TEMP RECEIVED AT:

Colton / No. California / Arizona
Monrovia

 Monrovia

CONDITION OF BLUE ICE: Frozen

METHOD OF SHIPMENT: Pick-Up / Walk-In / UPS / DHL / Area Fast / Top Line / Other:

TO BE COMPLETED BY SAMPLER:

(check for yes)

(check for yes)

[illegible]

* **MATRIX TYPES:** RSW = Raw Surface Water CFW = Chlor(am)inated Finished Water
RGW = Raw Ground Water FW = Other Finished Water

SEAW = Sea Water
BW = Bottled Water
SW = Storm Water
WW = Waste Water
SO = Soil
SL = Sludge

O = Other - Please Identify

SIGNATURE

PRINT NAME

TIME

SAMPLED BY:

SAMPLED BY: David E. Hest
RELINQUISHED BY: Tom Karlen

REF INQUIRIES

Havlick

SLVWD treatment and systems oper

15

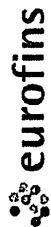
RECEIVED BY:

100

RELINQUISHED

F, OE / Crater

84



Eaton Analytical

Kit Order for San Lorenzo Valley Water District

Monica Van Natta is your Eurofins Eaton Analytical, LLC Service Manager

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
(626) 386-1100 FAX (666) 988-3757

Created Date & Time: 9/1/2020 10:48:13AM

Kit #: 271832



Client ID: SANLORENZO



Project Code: SPECIAL Bottle Orders

Group Name: Fire Investigation

PO#/JOB#:

Description: No Schedule

Created By: Monica Van Natta - [UMVN]

Deliver By: 09/03/2020

STG: Bottle Orders

Ice Type: G

Note: Sampler Please return this paper with your samples

Ship Sample Kits to
San Lorenzo Valley Water District
195 Kirby Street
Felton, CA 95018

Attn: Shipping - Water Testing Bottles
Phone: 831-216-9019

Send Report to
San Lorenzo Valley Water District
13060 Highway 9
Boulder Creek, CA 95006-9119

Attn: Nate Gillespie
Phone: 831-216-9019
Fax: 831-338-8002

Billing Address
San Lorenzo Valley Water District
13060 Highway 9
Boulder Creek, 95006

Attn: Rachel Munoz
Phone: 831.338.2153
Fax: 831.338.7986

of

Sample Tests

UN DOT #

Bottle Qty - Type [preservative information]		Total	UN DOT #
50	@VOASDWA C	150	UN1789
1	3 - 40ml amber glass vial [25mg Ascorbic+drop 2ml 1:1 HCL]		
1	8 - RETURN AIRBILL [no preservative]	8	
1	8 - Small Cooler [blue ice]	8	

Sum Tests: 52

Sum Bottles: 166

Comments

Client - please use ice cubes in addition to the provided gel ice packs during hot summer months.

SHIPPING: please include return shipping labels and gel ice packs

CLIENT IS REQUESTING 8 SMALL COOLERS

Code

Status

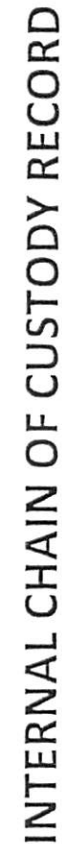
Date Shipped

Via

Tracking #

of Coolers

Prepared By



SAMPLE TEMP RECEIVED:

SAMPLE TEMP RECEIVED:

SAMPLER REC'D DAY OF COLLECTION?		Yes / No
1	2	
3	4	
5	6	
7	8	
9	10	
11	12	
13	14	
15	16	
17	18	
19	20	
21	22	
23	24	
25	26	
27	28	
29	30	
31	32	
33	34	
35	36	
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63	64	
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67	68	
69	70	
71	72	
73	74	
75	76	
77	78	
79	80	
81	82	
83	84	
85	86	
87	88	
89	90	
91	92	
93	94	
95	96	
97	98	
99	100	

IR Gun ID = 53014 (Observation = 56 °C) (Corr. Factor = -0.2 °C) (Final = 54 °C)

TYPE OF ICE:	Real	Synthetic	No Ice	CONDITION OF ICE:	Frozen	Partially Frozen	Thawed	N/A
	☒	☐	☐		☐	☒	☐	☐

METHOD OF SHIPMENT: Pick-Up / Walk-In / ☒ FedEx / UPS / DHL / Area Fast / Top Line / Other:

Compliance Acceptance Criteria:

- 1) **Chemistry:** >0, ≤6°C, not frozen (NELAP) (if received after 24 hrs of sample collection)
- 2) **Microbiology, Distribution:** < 10°C, not frozen (can be ≥10°C if received on ice the same day as sample collection)
- 3) **Microbiology, Surface Water:** < 10°C (if received after 2 hours of sample collection)

If out of temperature range for both CLEMISrty and Microbiology samples and temperature does not confirm, then measure the temperature of each quadrant and record each temperature of the quadrants

1 = (Observation = _____) (Corr. Factor = _____) (Final = _____) (C) (Final = _____) (C)
2 = (Observation = _____) (Corr. Factor = _____) (Final = _____) (C) (Final = _____) (C)
3 = (Observation = _____) (Corr. Factor = _____) (Final = _____) (C) (Final = _____) (C)
4 = (Observation = _____) (Corr. Factor = _____) (Final = _____) (C) (Final = _____) (C)

- 4 Dioxin (1613 or 2,3,7,8 TCDD): must be between 0-4 °C, not frozen (if received after 24 hrs of sample collection)
- 5) pH Check. Manufacturer: _____ Lot Number: _____ pH strip type: 0 - 14 or _____ Expiration Date: _____ Results: _____
- 6) Chlorine check. Manufacturer: Sansafe. Lot No.: _____ Expiration Date: _____ Results: _____

7) VOA and Radon Headspace:

No Samples with Headspace:

Samples with Headspace (see below):

Headspace Documentation (use additional VOC and Radon Internal COFC for additional bottles)

Exempt from headspace concerns: Methods 515.4, HAA(5251,552), 505, SPME, @CH, 532LCMS, 556, 536, Anatoxin, LCMS methods using 40 ml vials, International clients:

[illegible]

Note Sample IDs which have dissimilar headspace (i.e. potential sampling errors):

RECEIVED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
	7	FIORELLA	Eurofins Eaton Analytical	10-9-70	1148

Tel: (626) 386-1100
Fax: (866) 988-3757
1 800 566 LABS (1 800 566 5227)

Laboratory Comments

Report: 897373
Project: SPECIAL
Group: Fire Investigation

San Lorenzo Valley Water District
Nate Gillespie
13060 Highway 9
Boulder Creek, CA 95006-9119

Flags Legend:

LM - MRL Check recovery was above laboratory acceptance limits. This target analyte was not detected in the sample.

Tel: (626) 386-1100
Fax: (626) 988-3757
1 800 566 LABS (1 800 566 5227)

Laboratory Hits

Report: 897373
Project: SPECIAL
Group: Fire Investigation

San Lorenzo Valley Water District
Nate Gillespie
13060 Highway 9
Boulder Creek, CA 95006-9119

Samples Received on:
10/09/2020 1148

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
202010090148 <u>595 Boulder Brook (flush service line)</u>						
10/09/2020 17:04	Bromodichloromethane		1.5		ug/L	0.50
10/09/2020 17:04	Chlorodibromomethane		1.1		ug/L	0.50
10/09/2020 17:04	Chloroform (Trichloromethane)		2.0		ug/L	0.50
10/09/2020 17:04	Total THM		4.6	80	ug/L	0.50
202010090149 <u>424 Boulder Brook (flush service line)</u>						
10/09/2020 17:27	Bromodichloromethane		1.3		ug/L	0.50
10/09/2020 17:27	Chlorodibromomethane		0.88		ug/L	0.50
10/09/2020 17:27	Chloroform (Trichloromethane)		1.8		ug/L	0.50
10/09/2020 17:27	Total THM		4.0	80	ug/L	0.50

Tel: (626) 386-1100
Fax: (626) 988-3757
1 800 566 LABS (1 800 566 5227)

Laboratory Data

Report: 897373
Project: SPECIAL
Group: Fire Investigation

San Lorenzo Valley Water District
Nate Gillespie
13060 Highway 9
Boulder Creek, CA 95006-9119

Samples Received on:
10/09/2020 1148

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
595 Boulder Brook (flush service line) (202010090148)						Sampled on 10/08/2020 1130			
EPA 524.2 - Volatile Organics by GCMS									
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2,3-Trichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,3-Dichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	2,2-Dichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	2-Butanone (MEK)	ND	ug/L	5.0	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5.0	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Benzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Bromobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Bromochloromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Bromodichloromethane	1.5	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Bromoethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Bromoform	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Carbon disulfide	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Carbon Tetrachloride	ND (LM)	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Chlorodibromomethane	1.1	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Chloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Chloroform (Trichloromethane)	2.0	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.50	1

Rounding on totals after summation.

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Tel: (626) 386-1100
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1 800 566 LABS (1 800 566 5227)

Laboratory Data

Report: 897373
Project: SPECIAL
Group: Fire Investigation

San Lorenzo Valley Water District
Nate Gillespie
13060 Highway 9
Boulder Creek, CA 95006-9119

Samples Received on:
10/09/2020 1148

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Dibromomethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Dichlorodifluoromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Dichloromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Di-isopropyl ether	ND	ug/L	3.0	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Hexachlorobutadiene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Isopropylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Naphthalene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	n-Butylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	n-Propylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	o-Chlorotoluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	o-Xylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	p-Chlorotoluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	p-Isopropyltoluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	sec-Butylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Styrene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	tert-amyl Methyl Ether	ND	ug/L	3.0	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	tert-Butyl Ethyl Ether	ND	ug/L	3.0	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	tert-Butylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Toluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Total THM	4.6	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Total xylenes	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.30	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2-Dichloroethane-d4	107	%		1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	4-Bromofluorobenzene	102	%		1

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Report: 897373
Project: SPECIAL
Group: Fire Investigation

San Lorenzo Valley Water District
Nate Gillespie
13060 Highway 9
Boulder Creek, CA 95006-9119

Samples Received on:
10/09/2020 1148

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Toluene-d8	98	%		1
424 Boulder Brook (flush service line) (202010090149)						Sampled on 10/08/2020 1100			
EPA 524.2 - Volatile Organics by GCMS									
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2,3-Trichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,3-Dichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	2,2-Dichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	2-Butanone (MEK)	ND	ug/L	5.0	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5.0	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Benzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Bromobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Bromochloromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Bromodichloromethane	1.3	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Bromoethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Bromoform	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Carbon disulfide	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Carbon Tetrachloride	ND (LM)	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Chlorodibromomethane	0.88	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Chloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Chloroform (Trichloromethane)	1.8	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.50	1

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San Lorenzo Valley Water District
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Samples Received on:
10/09/2020 1148

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Dibromomethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Dichlorodifluoromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Dichloromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Di-isopropyl ether	ND	ug/L	3.0	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Hexachlorobutadiene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Isopropylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Naphthalene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	n-Butylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	n-Propylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	o-Chlorotoluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	o-Xylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	p-Chlorotoluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	p-Isopropyltoluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	sec-Butylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Styrene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	tert-amyl Methyl Ether	ND	ug/L	3.0	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	tert-Butyl Ethyl Ether	ND	ug/L	3.0	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	tert-Butylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Toluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Total THM	4.0	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Total xylenes	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.30	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2-Dichloroethane-d4	129	%		1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	4-Bromofluorobenzene	99	%		1

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Samples Received on:
10/09/2020 1148

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Toluene-d8	95	%		1

Rounding on totals after summation.

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Boulder Creek, CA 95006-9119

Samples Received on:
10/09/2020 1148

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
595 Boulder Brook (flush service line) (202010090148)						Sampled on 10/08/2020 1130			
EPA 524.2 - Volatile Organics by GCMS									
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,1-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2,3-Trichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,3-Dichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	2,2-Dichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	2-Butanone (MEK)	ND	ug/L	5.0	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5.0	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Benzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Bromobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Bromochloromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Bromodichloromethane	1.5	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Bromoethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Bromoform	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Carbon disulfide	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Carbon Tetrachloride	ND (LM)	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Chlorodibromomethane	1.1	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Chloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Chloroform (Trichloromethane)	2.0	ua/L	0.50	1

Rounding on totals after summation.

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1 800 566 LABS (1 800 566 5227)

Laboratory Data

Report: 897373
Project: SPECIAL
Group: Fire Investigation

San Lorenzo Valley Water District
Nate Gillespie
13060 Highway 9
Boulder Creek, CA 95006-9119

Samples Received on:
10/09/2020 1148

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Dibromomethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Dichlorodifluoromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Dichloromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Di-isopropyl ether	ND	ug/L	3.0	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Hexachlorobutadiene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Isopropylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Naphthalene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	n-Butylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	n-Propylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	o-Chlorotoluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	o-Xylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	p-Chlorotoluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	p-Isopropyltoluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	sec-Butylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Styrene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	tert-amyl Methyl Ether	ND	ug/L	3.0	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	tert-Butyl Ethyl Ether	ND	ug/L	3.0	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	tert-Butylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Toluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Total THM	4.6	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Total xylenes	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.50	1

Rounding on totals after summation.

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Laboratory Data

Report: 897373
Project: SPECIAL
Group: Fire Investigation

San Lorenzo Valley Water District

Nate Gillespie
13060 Highway 9
Boulder Creek, CA 95006-9119

Samples Received on:
10/09/2020 1148

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.30	1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	1,2-Dichloroethane-d4	107	%		1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	4-Bromofluorobenzene	102	%		1
10/09/20	10/09/20 17:04	1280327	1280328	(EPA 524.2)	Toluene-d8	98	%		1

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San Lorenzo Valley Water District
Nate Gillespie
13060 Highway 9
Boulder Creek, CA 95006-9119

Samples Received on:
10/09/2020 1148

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
424 Boulder Brook (flush service line) (202010090149)						Sampled on 10/08/2020 1100			
EPA 524.2 - Volatile Organics by GCMS									
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,1-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2,3-Trichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,3-Dichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	2,2-Dichloropropane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	2-Butanone (MEK)	ND	ug/L	5.0	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5.0	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Benzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Bromobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Bromochloromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Bromodichloromethane	1.3	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Bromoethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Bromoform	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Carbon disulfide	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Carbon Tetrachloride	ND (LM)	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Chlorodibromomethane	0.88	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Chloroethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Chloroform (Trichloromethane)	1.8	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ua/L	0.50	1

Rounding on totals after summation.

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Laboratory Data

Report: 897373
Project: SPECIAL
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San Lorenzo Valley Water District
Nate Gillespie
13060 Highway 9
Boulder Creek, CA 95006-9119

Samples Received on:
10/09/2020 1148

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Dibromomethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Dichlorodifluoromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Dichloromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Di-isopropyl ether	ND	ug/L	3.0	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Hexachlorobutadiene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Isopropylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Naphthalene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	n-Butylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	n-Propylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	o-Chlorotoluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	o-Xylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	p-Chlorotoluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	p-Isopropyltoluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	sec-Butylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Styrene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	tert-amyl Methyl Ether	ND	ug/L	3.0	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	tert-Butyl Ethyl Ether	ND	ug/L	3.0	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	tert-Butylbenzene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Toluene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Total THM	4.0	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Total xylenes	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.50	1

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Laboratory Data

Report: 897373
Project: SPECIAL
Group: Fire Investigation

San Lorenzo Valley Water District
Nate Gillespie
13060 Highway 9
Boulder Creek, CA 95006-9119

Samples Received on:
10/09/2020 1148

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.50	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.30	1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	1,2-Dichloroethane-d4	129	%		1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	4-Bromofluorobenzene	99	%		1
10/09/20	10/09/20 17:27	1280327	1280328	(EPA 524.2)	Toluene-d8	95	%		1

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Laboratory QC Summary

Report: 897373
Project: SPECIAL
Group: Fire Investigation

San Lorenzo Valley Water District

Volatile Organics by GCMS

Prep Batch: 1280327 Analytical Batch: 1280328

202010090148	595 Boulder Brook (flush service line)
202010090149	424 Boulder Brook (flush service line)

Analysis Date: 10/09/2020

Analyzed by: TG9W
Analyzed by: TG9W

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San Lorenzo Valley Water District

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
Volatile Organics by GCMS by EPA 524.2					Analysis Date: 10/09/2020				
Analytical Batch: 1280328									
LCS1	1,1,1,2-Tetrachloroethane		5	5.60	ug/L	112	(70-130)		
LCS2	1,1,1,2-Tetrachloroethane		5	5.05	ug/L	101	(70-130)	20	10
MBLK	1,1,1,2-Tetrachloroethane			<0.5	ug/L				
MRL_CHK	1,1,1,2-Tetrachloroethane		0.5	0.630	ug/L	126	(50-150)		
LCS1	1,1,1-Trichloroethane		5	4.39	ug/L	88	(70-130)		
LCS2	1,1,1-Trichloroethane		5	4.55	ug/L	91	(70-130)	20	3.6
MBLK	1,1,1-Trichloroethane			<0.5	ug/L				
MRL_CHK	1,1,1-Trichloroethane		0.5	0.480	ug/L	96	(50-150)		
LCS1	1,1,2,2-Tetrachloroethane		5	6.45	ug/L	129	(70-130)		
LCS2	1,1,2,2-Tetrachloroethane		5	5.58	ug/L	112	(70-130)	20	15
MBLK	1,1,2,2-Tetrachloroethane			<0.5	ug/L				
MRL_CHK	1,1,2,2-Tetrachloroethane		0.5	0.480	ug/L	96	(50-150)		
LCS1	1,1,2-Trichloroethane		5	5.82	ug/L	116	(70-130)		
LCS2	1,1,2-Trichloroethane		5	5.68	ug/L	114	(70-130)	20	2.4
MBLK	1,1,2-Trichloroethane			<0.5	ug/L				
MRL_CHK	1,1,2-Trichloroethane		0.5	0.500	ug/L	100	(50-150)		
LCS1	1,1-Dichloroethane		5	5.25	ug/L	105	(70-130)		
LCS2	1,1-Dichloroethane		5	5.04	ug/L	101	(70-130)	20	4.1
MBLK	1,1-Dichloroethane			<0.5	ug/L				
MRL_CHK	1,1-Dichloroethane		0.5	0.440	ug/L	88	(50-150)		
LCS1	1,1-Dichloroethylene		5	5.14	ug/L	103	(70-130)		
LCS2	1,1-Dichloroethylene		5	4.92	ug/L	98	(70-130)	20	4.4
MBLK	1,1-Dichloroethylene			<0.5	ug/L				
MRL_CHK	1,1-Dichloroethylene		0.5	0.450	ug/L	90	(50-150)		
LCS1	1,1-Dichloropropene		5	5.29	ug/L	106	(70-130)		
LCS2	1,1-Dichloropropene		5	4.99	ug/L	100	(70-130)	20	5.8
MBLK	1,1-Dichloropropene			<0.5	ug/L				
MRL_CHK	1,1-Dichloropropene		0.5	0.520	ug/L	104	(50-150)		
LCS1	1,2,3-Trichlorobenzene		5	5.28	ug/L	106	(70-130)		
LCS2	1,2,3-Trichlorobenzene		5	4.76	ug/L	95	(70-130)	20	10
MBLK	1,2,3-Trichlorobenzene			<0.5	ug/L				
MRL_CHK	1,2,3-Trichlorobenzene		0.5	0.390	ug/L	78	(50-150)		
LCS1	1,2,3-Trichloropropane		5	5.59	ug/L	112	(70-130)		
LCS2	1,2,3-Trichloropropane		5	5.74	ug/L	115	(70-130)	20	2.6
MBLK	1,2,3-Trichloropropane			<0.5	ug/L				

Spike recovery is already corrected for native results.

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

RPD not calculated for LCS2 when different a concentration than LCS1 is used.

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).

(S) - Indicates surrogate compound.

(I) - Indicates internal standard compound.

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MRL_CHK	1,2,3-Trichloropropane		0.5	0.550	ug/L	110	(50-150)		
LCS1	1,2,4-Trichlorobenzene		5	5.27	ug/L	105	(70-130)		
LCS2	1,2,4-Trichlorobenzene		5	4.97	ug/L	99	(70-130)	20	5.9
MBLK	1,2,4-Trichlorobenzene			<0.5	ug/L				
MRL_CHK	1,2,4-Trichlorobenzene		0.5	0.430	ug/L	86	(50-150)		
LCS1	1,2,4-Trimethylbenzene		5	5.55	ug/L	111	(70-130)		
LCS2	1,2,4-Trimethylbenzene		5	5.41	ug/L	108	(70-130)	20	2.5
MBLK	1,2,4-Trimethylbenzene			<0.5	ug/L				
MRL_CHK	1,2,4-Trimethylbenzene		0.5	0.430	ug/L	86	(50-150)		
LCS1	1,2-Dichloroethane		5	5.16	ug/L	103	(70-130)		
LCS2	1,2-Dichloroethane		5	5.23	ug/L	105	(70-130)	20	1.4
MBLK	1,2-Dichloroethane			<0.5	ug/L				
MRL_CHK	1,2-Dichloroethane		0.5	0.650	ug/L	130	(50-150)		
LCS1	1,2-Dichloroethane-d4 (S)		5	111	%	111	(70-130)		
LCS2	1,2-Dichloroethane-d4 (S)		5	110	%	110	(70-130)		
MBLK	1,2-Dichloroethane-d4 (S)			102	%	102	(70-130)		
MRL_CHK	1,2-Dichloroethane-d4 (S)		5	108	%	108	(70-130)		
MRLW	1,2-Dichloroethane-d4 (S)		5	108	%	108	(70-130)		
LCS1	1,2-Dichloropropane		5	5.68	ug/L	114	(70-130)		
LCS2	1,2-Dichloropropane		5	5.39	ug/L	108	(70-130)	20	5.2
MBLK	1,2-Dichloropropane			<0.5	ug/L				
MRL_CHK	1,2-Dichloropropane		0.5	0.540	ug/L	108	(50-150)		
LCS1	1,3,5-Trimethylbenzene		5	5.35	ug/L	107	(70-130)		
LCS2	1,3,5-Trimethylbenzene		5	5.36	ug/L	107	(70-130)	20	0.19
MBLK	1,3,5-Trimethylbenzene			<0.5	ug/L				
MRL_CHK	1,3,5-Trimethylbenzene		0.5	0.410	ug/L	82	(50-150)		
LCS1	1,3-Dichloropropane		5	5.61	ug/L	112	(70-130)		
LCS2	1,3-Dichloropropane		5	5.41	ug/L	108	(70-130)	20	3.6
MBLK	1,3-Dichloropropane			<0.5	ug/L				
MRL_CHK	1,3-Dichloropropane		0.5	0.460	ug/L	92	(50-150)		
LCS1	2,2-Dichloropropane		5	4.03	ug/L	81	(70-130)		
LCS2	2,2-Dichloropropane		5	3.84	ug/L	77	(70-130)	20	4.8
MBLK	2,2-Dichloropropane			<0.5	ug/L				
MRL_CHK	2,2-Dichloropropane		0.5	0.380	ug/L	76	(50-150)		
LCS1	2-Butanone (MEK)		50	51.7	ug/L	103	(70-130)		
LCS2	2-Butanone (MEK)		50	50.7	ug/L	101	(70-130)	20	2.0
MBLK	2-Butanone (MEK)			<5.0	ug/L				
MRL_CHK	2-Butanone (MEK)		5	4.60	ug/L	92	(50-150)		

Spike recovery is already corrected for native results.

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

RPD not calculated for LCS2 when different a concentration than LCS1 is used.

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).

(S) - Indicates surrogate compound.

(I) - Indicates internal standard compound.

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
LCS1	4-Bromofluorobenzene (S)		5	103	%	103	(70-130)		
LCS2	4-Bromofluorobenzene (S)		5	107	%	107	(70-130)		
MBLK	4-Bromofluorobenzene (S)			103	%	103	(70-130)		
MRL_CHK	4-Bromofluorobenzene (S)		5	97.0	%	97	(70-130)		
MRLLW	4-Bromofluorobenzene (S)		5	96.4	%	96	(70-130)		
LCS1	4-Methyl-2-Pentanone (MIBK)		50	56.5	ug/L	113	(70-130)		
LCS2	4-Methyl-2-Pentanone (MIBK)		50	55.9	ug/L	112	(70-130)	20	1.1
MBLK	4-Methyl-2-Pentanone (MIBK)			<5.0	ug/L				
MRL_CHK	4-Methyl-2-Pentanone (MIBK)		5	5.20	ug/L	104	(50-150)		
LCS1	Benzene		5	5.74	ug/L	115	(70-130)		
LCS2	Benzene		5	5.41	ug/L	108	(70-130)	20	5.9
MBLK	Benzene			<0.5	ug/L				
MRL_CHK	Benzene		0.5	0.550	ug/L	110	(50-150)		
LCS1	Bromobenzene		5	5.77	ug/L	115	(70-130)		
LCS2	Bromobenzene		5	5.79	ug/L	116	(70-130)	20	0.35
MBLK	Bromobenzene			<0.5	ug/L				
MRL_CHK	Bromobenzene		0.5	0.530	ug/L	106	(50-150)		
LCS1	Bromochloromethane		5	5.14	ug/L	103	(70-130)		
LCS2	Bromochloromethane		5	4.66	ug/L	93	(70-130)	20	9.8
MBLK	Bromochloromethane			<0.5	ug/L				
MRL_CHK	Bromochloromethane		0.5	0.440	ug/L	88	(50-150)		
LCS1	Bromodichloromethane		5	5.02	ug/L	100	(70-130)		
LCS2	Bromodichloromethane		5	5.03	ug/L	101	(70-130)	20	0.20
MBLK	Bromodichloromethane			<0.5	ug/L				
MRL_CHK	Bromodichloromethane		0.5	0.390	ug/L	78	(50-150)		
LCS1	Bromoethane		5	5.34	ug/L	107	(70-130)		
LCS2	Bromoethane		5	5.32	ug/L	106	(70-130)	20	0.38
MBLK	Bromoethane			<0.5	ug/L				
MRL_CHK	Bromoethane		0.5	0.410	ug/L	82	(50-150)		
LCS1	Bromoform		5	4.32	ug/L	86	(70-130)		
LCS2	Bromoform		5	4.02	ug/L	80	(70-130)	20	7.2
MBLK	Bromoform			<0.5	ug/L				
MRL_CHK	Bromoform		0.5	0.570	ug/L	114	(50-150)		
LCS1	Bromomethane (Methyl Bromide)		5	5.47	ug/L	109	(70-130)		
LCS2	Bromomethane (Methyl Bromide)		5	4.75	ug/L	95	(70-130)	20	14
MBLK	Bromomethane (Methyl Bromide)			<0.5	ug/L				
MRL_CHK	Bromomethane (Methyl Bromide)		0.5	0.410	ug/L	82	(50-150)		
LCS1	Carbon disulfide		5	4.23	ug/L	85	(70-130)		

Spike recovery is already corrected for native results.

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

RPD not calculated for LCS2 when different a concentration than LCS1 is used.

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).

(S) - Indicates surrogate compound.

(I) - Indicates internal standard compound.

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
LCS2	Carbon disulfide		5	4.08	ug/L	82	(70-130)	20	3.6
MBLK	Carbon disulfide			<0.5	ug/L				
MRL_CHK	Carbon disulfide		0.5	0.320	ug/L	64	(50-150)		
LCS1	Carbon Tetrachloride		5	5.02	ug/L	100	(70-130)		
LCS2	Carbon Tetrachloride		5	4.98	ug/L	100	(70-130)	20	0.80
MBLK	Carbon Tetrachloride			<0.5	ug/L				
MRL_CHK	Carbon Tetrachloride		0.5	0.840	ug/L	<u>168</u>	(50-150)		
LCS1	Chlorobenzene		5	5.76	ug/L	115	(70-130)		
LCS2	Chlorobenzene		5	5.47	ug/L	109	(70-130)	20	5.2
MBLK	Chlorobenzene			<0.5	ug/L				
MRL_CHK	Chlorobenzene		0.5	0.480	ug/L	96	(50-150)		
LCS1	Chlorodibromomethane		5	5.01	ug/L	100	(70-130)		
LCS2	Chlorodibromomethane		5	4.80	ug/L	96	(70-130)	20	4.3
MBLK	Chlorodibromomethane			<0.5	ug/L				
MRL_CHK	Chlorodibromomethane		0.5	0.350	ug/L	70	(50-150)		
LCS1	Chloroethane		5	4.74	ug/L	95	(70-130)		
LCS2	Chloroethane		5	4.38	ug/L	88	(70-130)	20	7.9
MBLK	Chloroethane			<0.5	ug/L				
MRL_CHK	Chloroethane		0.5	0.460	ug/L	92	(50-150)		
LCS1	Chloroform (Trichloromethane)		5	5.35	ug/L	107	(70-130)		
LCS2	Chloroform (Trichloromethane)		5	5.17	ug/L	103	(70-130)	20	3.4
MBLK	Chloroform (Trichloromethane)			<0.5	ug/L				
MRL_CHK	Chloroform (Trichloromethane)		0.5	0.490	ug/L	98	(50-150)		
LCS1	Chloromethane(Methyl Chloride)		5	4.56	ug/L	91	(70-130)		
LCS2	Chloromethane(Methyl Chloride)		5	4.28	ug/L	86	(70-130)	20	6.3
MBLK	Chloromethane(Methyl Chloride)			<0.5	ug/L				
MRL_CHK	Chloromethane(Methyl Chloride)		0.5	0.450	ug/L	90	(50-150)		
LCS1	cis-1,2-Dichloroethylene		5	5.33	ug/L	107	(70-130)		
LCS2	cis-1,2-Dichloroethylene		5	5.11	ug/L	102	(70-130)	20	4.2
MBLK	cis-1,2-Dichloroethylene			<0.5	ug/L				
MRL_CHK	cis-1,2-Dichloroethylene		0.5	0.410	ug/L	82	(50-150)		
LCS1	cis-1,3-Dichloropropene		5	4.40	ug/L	88	(70-130)		
LCS2	cis-1,3-Dichloropropene		5	4.21	ug/L	84	(70-130)	20	4.4
MBLK	cis-1,3-Dichloropropene			<0.5	ug/L				
MRL_CHK	cis-1,3-Dichloropropene		0.5	0.570	ug/L	114	(50-150)		
LCS1	Dibromomethane		5	5.39	ug/L	108	(70-130)		
LCS2	Dibromomethane		5	5.19	ug/L	104	(70-130)	20	3.8
MBLK	Dibromomethane			<0.5	ug/L				

Spike recovery is already corrected for native results.

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

RPD not calculated for LCS2 when different a concentration than LCS1 is used.

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).

(S) - Indicates surrogate compound.

(I) - Indicates internal standard compound.

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MRL_CHK	Dibromomethane		0.5	0.600	ug/L	120	(50-150)		
LCS1	Dichlorodifluoromethane		5	4.49	ug/L	90	(70-130)		
LCS2	Dichlorodifluoromethane		5	4.51	ug/L	90	(70-130)	20	0.44
MBLK	Dichlorodifluoromethane			<0.5	ug/L				
MRL_CHK	Dichlorodifluoromethane		0.5	0.440	ug/L	88	(50-150)		
LCS1	Dichloromethane		5	5.14	ug/L	103	(70-130)		
LCS2	Dichloromethane		5	4.97	ug/L	99	(70-130)	20	3.4
MBLK	Dichloromethane			<0.5	ug/L				
MRL_CHK	Dichloromethane		0.5	0.480	ug/L	96	(50-150)		
LCS1	Di-isopropyl ether		5	5.37	ug/L	107	(70-130)		
LCS2	Di-isopropyl ether		5	5.03	ug/L	101	(70-130)	20	6.5
MBLK	Di-isopropyl ether			<3.0	ug/L				
MRL_CHK	Di-isopropyl ether		0.5	0.390	ug/L	78	(50-150)		
LCS1	Ethyl benzene		5	5.81	ug/L	116	(70-130)		
LCS2	Ethyl benzene		5	5.32	ug/L	106	(70-130)	20	8.8
MBLK	Ethyl benzene			<0.5	ug/L				
MRL_CHK	Ethyl benzene		0.5	0.400	ug/L	80	(50-150)		
LCS1	Hexachlorobutadiene		5	5.05	ug/L	101	(70-130)		
LCS2	Hexachlorobutadiene		5	5.25	ug/L	105	(70-130)	20	3.9
MBLK	Hexachlorobutadiene			<0.5	ug/L				
MRL_CHK	Hexachlorobutadiene		0.5	0.430	ug/L	86	(50-150)		
LCS1	Isopropylbenzene		5	5.64	ug/L	113	(70-130)		
LCS2	Isopropylbenzene		5	5.60	ug/L	112	(70-130)	20	0.71
MBLK	Isopropylbenzene			<0.5	ug/L				
MRL_CHK	Isopropylbenzene		0.5	0.450	ug/L	90	(50-150)		
LCS1	m,p-Xylenes		10	11.3	ug/L	113	(70-130)		
LCS2	m,p-Xylenes		10	10.8	ug/L	108	(70-130)	20	4.5
MBLK	m,p-Xylenes			<0.5	ug/L				
MRL_CHK	m,p-Xylenes		1	0.810	ug/L	81	(50-150)		
MRLLW	m,p-Xylenes		0.5	0.420	ug/L	84	(50-150)		
LCS1	m-Dichlorobenzene (1,3-DCB)		5	5.85	ug/L	117	(70-130)		
LCS2	m-Dichlorobenzene (1,3-DCB)		5	5.90	ug/L	118	(70-130)	20	0.85
MBLK	m-Dichlorobenzene (1,3-DCB)			<0.5	ug/L				
MRL_CHK	m-Dichlorobenzene (1,3-DCB)		0.5	0.520	ug/L	104	(50-150)		
LCS1	Methyl Tert-butyl ether (MTBE)		5	5.37	ug/L	107	(70-130)		
LCS2	Methyl Tert-butyl ether (MTBE)		5	5.05	ug/L	101	(70-130)	20	6.1
MBLK	Methyl Tert-butyl ether (MTBE)			<0.5	ug/L				
MRL_CHK	Methyl Tert-butyl ether (MTBE)		0.5	0.470	ug/L	94	(50-150)		

Spike recovery is already corrected for native results.

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

RPD not calculated for LCS2 when different a concentration than LCS1 is used.

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).

(S) - Indicates surrogate compound.

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
LCS1	Naphthalene		5	5.56	ug/L	111	(70-130)		
LCS2	Naphthalene		5	4.82	ug/L	96	(70-130)	20	14
MBLK	Naphthalene			<0.5	ug/L				
MRL_CHK	Naphthalene		0.5	0.420	ug/L	84	(50-150)		
LCS1	n-Butylbenzene		5	4.95	ug/L	99	(70-130)		
LCS2	n-Butylbenzene		5	4.61	ug/L	92	(70-130)	20	7.1
MBLK	n-Butylbenzene			<0.5	ug/L				
MRL_CHK	n-Butylbenzene		0.5	0.350	ug/L	70	(50-150)		
LCS1	n-Propylbenzene		5	5.64	ug/L	113	(70-130)		
LCS2	n-Propylbenzene		5	5.43	ug/L	109	(70-130)	20	3.8
MBLK	n-Propylbenzene			<0.5	ug/L				
MRL_CHK	n-Propylbenzene		0.5	0.460	ug/L	92	(50-150)		
LCS1	o-Chlorotoluene		5	5.56	ug/L	111	(70-130)		
LCS2	o-Chlorotoluene		5	5.64	ug/L	113	(70-130)	20	1.4
MBLK	o-Chlorotoluene			<0.5	ug/L				
MRL_CHK	o-Chlorotoluene		0.5	0.480	ug/L	96	(50-150)		
LCS1	o-Dichlorobenzene (1,2-DCB)		5	5.27	ug/L	105	(70-130)		
LCS2	o-Dichlorobenzene (1,2-DCB)		5	5.19	ug/L	104	(70-130)	20	1.5
MBLK	o-Dichlorobenzene (1,2-DCB)			<0.5	ug/L				
MRL_CHK	o-Dichlorobenzene (1,2-DCB)		0.5	0.500	ug/L	100	(50-150)		
LCS1	o-Xylene		5	5.66	ug/L	113	(70-130)		
LCS2	o-Xylene		5	5.35	ug/L	107	(70-130)	20	5.6
MBLK	o-Xylene			<0.5	ug/L				
MRL_CHK	o-Xylene		0.5	0.450	ug/L	90	(50-150)		
LCS1	p-Chlorotoluene		5	5.53	ug/L	111	(70-130)		
LCS2	p-Chlorotoluene		5	5.73	ug/L	115	(70-130)	20	3.5
MBLK	p-Chlorotoluene			<0.5	ug/L				
MRL_CHK	p-Chlorotoluene		0.5	0.530	ug/L	106	(50-150)		
LCS1	p-Dichlorobenzene (1,4-DCB)		5	5.49	ug/L	110	(70-130)		
LCS2	p-Dichlorobenzene (1,4-DCB)		5	5.64	ug/L	113	(70-130)	20	2.7
MBLK	p-Dichlorobenzene (1,4-DCB)			<0.5	ug/L				
MRL_CHK	p-Dichlorobenzene (1,4-DCB)		0.5	0.500	ug/L	100	(50-150)		
LCS1	p-Isopropyltoluene		5	5.54	ug/L	111	(70-130)		
LCS2	p-Isopropyltoluene		5	5.52	ug/L	110	(70-130)	20	0.36
MBLK	p-Isopropyltoluene			<0.5	ug/L				
MRL_CHK	p-Isopropyltoluene		0.5	0.390	ug/L	78	(50-150)		
LCS1	sec-Butylbenzene		5	6.24	ug/L	125	(70-130)		
LCS2	sec-Butylbenzene		5	6.11	ug/L	122	(70-130)	20	2.1

Spike recovery is already corrected for native results.

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Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

RPD not calculated for LCS2 when different a concentration than LCS1 is used.

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).

(S) - Indicates surrogate compound.

(I) - Indicates internal standard compound.

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Report: 897373
Project: SPECIAL
Group: Fire Investigation

San Lorenzo Valley Water District

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MBLK	sec-Butylbenzene			<0.5	ug/L				
MRL_CHK	sec-Butylbenzene		0.5	0.400	ug/L	80	(50-150)		
LCS1	Styrene		5	5.63	ug/L	113	(70-130)		
LCS2	Styrene		5	5.33	ug/L	107	(70-130)	20	5.5
MBLK	Styrene			<0.5	ug/L				
MRL_CHK	Styrene		0.5	0.400	ug/L	80	(50-150)		
LCS1	tert-amyl Methyl Ether		5	4.96	ug/L	99	(70-130)		
LCS2	tert-amyl Methyl Ether		5	4.69	ug/L	94	(70-130)	20	5.6
MBLK	tert-amyl Methyl Ether			<3.0	ug/L				
MRL_CHK	tert-amyl Methyl Ether		0.5	0.500	ug/L	100	(50-150)		
LCS1	tert-Butyl Ethyl Ether		5	5.07	ug/L	101	(70-130)		
LCS2	tert-Butyl Ethyl Ether		5	5.15	ug/L	103	(70-130)	20	1.6
MBLK	tert-Butyl Ethyl Ether			<3.0	ug/L				
MRL_CHK	tert-Butyl Ethyl Ether		0.5	0.400	ug/L	80	(50-150)		
LCS1	tert-Butylbenzene		5	5.30	ug/L	106	(70-130)		
LCS2	tert-Butylbenzene		5	5.51	ug/L	110	(70-130)	20	3.9
MBLK	tert-Butylbenzene			<0.5	ug/L				
MRL_CHK	tert-Butylbenzene		0.5	0.390	ug/L	78	(50-150)		
LCS1	Tetrachloroethylene (PCE)		5	5.84	ug/L	117	(70-130)		
LCS2	Tetrachloroethylene (PCE)		5	5.44	ug/L	109	(70-130)	20	7.1
MBLK	Tetrachloroethylene (PCE)			<0.5	ug/L				
MRL_CHK	Tetrachloroethylene (PCE)		0.5	0.500	ug/L	100	(50-150)		
LCS1	Toluene		5	5.60	ug/L	112	(70-130)		
LCS2	Toluene		5	5.37	ug/L	107	(70-130)	20	4.2
MBLK	Toluene			<0.5	ug/L				
MRL_CHK	Toluene		0.5	0.490	ug/L	98	(50-150)		
LCS1	Toluene-d8 (S)		5	107	%	107	(70-130)		
LCS2	Toluene-d8 (S)		5	102	%	102	(70-130)		
MBLK	Toluene-d8 (S)			95.2	%	95	(70-130)		
MRL_CHK	Toluene-d8 (S)		5	93.6	%	94	(70-130)		
MRLLW	Toluene-d8 (S)		5	97.0	%	97	(70-130)		
LCS1	trans-1,2-Dichloroethylene		5	5.13	ug/L	103	(70-130)		
LCS2	trans-1,2-Dichloroethylene		5	4.93	ug/L	99	(70-130)	20	4.0
MBLK	trans-1,2-Dichloroethylene			<0.5	ug/L				
MRL_CHK	trans-1,2-Dichloroethylene		0.5	0.410	ug/L	82	(50-150)		
LCS1	trans-1,3-Dichloropropene		5	4.18	ug/L	84	(70-130)		
LCS2	trans-1,3-Dichloropropene		5	4.09	ug/L	82	(70-130)	20	2.2
MBLK	trans-1,3-Dichloropropene			<0.5	ug/L				

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RPD not calculated for LCS2 when different a concentration than LCS1 is used.

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MRL_CHK	trans-1,3-Dichloropropene		0.5	0.270	ug/L	54	(50-150)		
LCS1	Trichloroethylene (TCE)		5	5.42	ug/L	108	(70-130)		
LCS2	Trichloroethylene (TCE)		5	5.79	ug/L	116	(70-130)	20	6.6
MBLK	Trichloroethylene (TCE)			<0.5	ug/L				
MRL_CHK	Trichloroethylene (TCE)		0.5	0.550	ug/L	110	(50-150)		
LCS1	Trichlorofluoromethane		5	4.60	ug/L	92	(70-130)		
LCS2	Trichlorofluoromethane		5	4.55	ug/L	91	(70-130)	20	1.1
MBLK	Trichlorofluoromethane			<0.5	ug/L				
MRL_CHK	Trichlorofluoromethane		0.5	0.390	ug/L	78	(50-150)		
LCS1	Trichlorotrifluoroethane(Freon		5	5.18	ug/L	104	(70-130)		
LCS2	Trichlorotrifluoroethane(Freon		5	4.89	ug/L	98	(70-130)	20	5.8
MBLK	Trichlorotrifluoroethane(Freon			<0.5	ug/L				
MRL_CHK	Trichlorotrifluoroethane(Freon		0.5	0.440	ug/L	88	(50-150)		
LCS1	Vinyl chloride (VC)		5	4.75	ug/L	95	(70-130)		
LCS2	Vinyl chloride (VC)		5	4.45	ug/L	89	(70-130)	20	6.5
MBLK	Vinyl chloride (VC)			<0.3	ug/L				
MRL_CHK	Vinyl chloride (VC)		0.5	0.370	ug/L	74	(50-150)		
MRLW	Vinyl chloride (VC)		0.25	0.200	ug/L	80	(50-150)		

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RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).

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