

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
10/22/2020



**EUROFINS EATON
ANALYTICAL, LLC**

UMVN: Monica Van Natta
Project Manager

Report: 899163
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 Pseudalert (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 #: 899163
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 20, 2020 at 13:00**. 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>202010200169</u>	275 Brook Lane (samp station) 4410014 72 hour soak	10/19/2020 0920
	@VOASDWA C RUSH	
<u>202010200170</u>	14760 Virginia (sampstation) 4410014 72 hour soak	10/19/2020 1020
	@VOASDWA C RUSH	
<u>202010200171</u>	Ridge and private (samp station) 4410014 72 hour soak	10/19/2020 1030
	@VOASDWA C RUSH	

Test Description

@VOASDWA C -- Volatile Organics by GCMS

Website: www.EatonAnalytical.com

LOGIN COMMENTS:

SAMPLE TEMP RECEIVED AT:

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

SAMPLES CHECKED AGAINST COC BY:

SAMPLES LOGGED IN BY:

SAMPLES REC'D DAY OF COLLECTION? ☐ (check for yes)

°C (Compliance: 4 ± 2 °C)

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

TO BE COMPLETED BY SAMPLER:

[illegible]

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

SEAW = Sea Water
WW = Waste Water

BW = Bottled Water **SO** = Soil **O** = Other - Please Identify
SW = Storm Water **SL** = Sludge

SIGNATURE

PRINT NAME

COMPANY/TITLE

ATE

TIME

SAMPLED BY:

RELINQUISHED BY:

RECEIVED BY:

RECEIVED BY:



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 (866) 988-3757

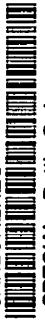
Created Date & Time: 9/1/2020 10:48:13AM

Note: Sampler Please return this paper with your samples

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

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	
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

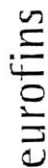
Date Shipped

Via

Tracking #

of Coolers

Prepared By



Eaton Analytical

INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:

299163

Lead Analyst

SAMPLE TFMP RECEIVED:

1-1- If samples are out of temperature range let the ASMs know. ASMs will determine whether to proceed with analysis or not.

SAMPLES 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	
37	38	
39	40	
41	42	
43	44	
45	46	
47	48	
49	50	
51	52	
53	54	
55	56	
57	58	
59	60	
61	62	
63	64	
65	66	
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	

IP Gun ID = 649A (Observation = 4.2 °C) (Corr. Factor -0.2 °C) (Final = 4.0 °C)

CONDITION OF ICE:	Thawed	N/A
Partially Frozen	✓	
Frozen		

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

FedEx

TRK# 9009 8483 5101

Compliance Acceptance Criteria:

- 1) Chemistry: $>0, \leq 6^{\circ}\text{C}$, not frozen (NELAP) (If received after 24 hrs of sample collection)

2) Microbiology Surface Water: $< 10^6$ C (if received after 2 hours of sample collection)

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

1 = (Observation= _____) (Conf Factor= _____) (Final= _____) (Conf Factor= _____) (Final= _____) (Conf Factor= _____)
2 = (Observation= _____) (Conf Factor= _____) (Final= _____) (Conf Factor= _____) (Final= _____) (Conf Factor= _____)
3 = (Observation= _____) (Conf Factor= _____) (Final= _____) (Conf Factor= _____) (Final= _____) (Conf Factor= _____)
4 = (Observation= _____) (Conf Factor= _____) (Final= _____) (Conf Factor= _____) (Final= _____) (Conf Factor= _____)

4. **Plasma (1613 or 2378 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: _____

c) **CL-Test check** Manufacturer: Sansafe Lot No: _____ Expiration Date: _____ Results: _____

VQA and Radon

No Samples with Headspace:

Samples with Headspace (see below):

No Samples With Headspace.

Headspace Documentation (use additional Vials and Radon Internal Coils for additional entries)

Same ID	Bottle #	None/<6	>6mm

[illegible]

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

PRINT NAME

COMPANY/TITLE

DATE _____

RECEIVED BY:

PRINT NAME Paul Williams

Eurofins Colon Analytical

02-02-8)

308

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

Laboratory Comments

Report: 899163
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.

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Report: 899163
Project: SPECIAL
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San Lorenzo Valley Water District
Nate Gillespie
13060 Highway 9
Boulder Creek, CA 95006-9119

Samples Received on:
10/20/2020 13:00

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
202010200169 <u>275 Brook Lane (samp station) 4410014 72 hour soak</u>						
10/20/2020 20:10	Bromodichloromethane		3.0		ug/L	0.50
10/20/2020 20:10	Chlorodibromomethane		2.0		ug/L	0.50
10/20/2020 20:10	Chloroform (Trichloromethane)		4.1		ug/L	0.50
10/20/2020 20:10	Total THM		9.1	80	ug/L	0.50
202010200170 <u>14760 Virginia (sampstation) 4410014 72 hour soak</u>						
10/20/2020 20:33	Bromodichloromethane		2.6		ug/L	0.50
10/20/2020 20:33	Chlorodibromomethane		1.7		ug/L	0.50
10/20/2020 20:33	Chloroform (Trichloromethane)		4.4		ug/L	0.50
10/20/2020 20:33	Total THM		8.7	80	ug/L	0.50
202010200171 <u>Ridge and private (samp station) 4410014 72 hour soak</u>						
10/20/2020 20:56	Bromodichloromethane		3.8		ug/L	0.50
10/20/2020 20:56	Bromoform		0.53		ug/L	0.50
10/20/2020 20:56	Chlorodibromomethane		3.0		ug/L	0.50
10/20/2020 20:56	Chloroform (Trichloromethane)		4.4		ug/L	0.50
10/20/2020 20:56	Total THM		12	80	ug/L	0.50

SUMMARY OF POSITIVE DATA ONLY

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

Laboratory Data

Report: 899163
Project: SPECIAL
Group: Fire Investigation

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

Samples Received on:
10/20/2020 13:00

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
275 Brook Lane (samp station) 4410014 72 hour soak (202010200169)						Sampled on 10/19/2020 0920			
EPA 524.2 - Volatile Organics by GCMS									
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2,3-Trichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,3-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	2,2-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	2-Butanone (MEK)	ND	ug/L	5.0	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5.0	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Benzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Bromobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Bromochloromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Bromodichloromethane	3.0	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Bromoethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Bromoform	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Bromomethane (Methyl Bromide)	ND (LM)	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Carbon disulfide	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Carbon Tetrachloride	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Chlorodibromomethane	2.0	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Chloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Chloroform (Trichloromethane)	4.1	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.50	1

Rounding on totals after summation.

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1 800 566 LABS (1 800 566 5227)

Laboratory Data

Report: 899163
Project: SPECIAL
Group: Fire Investigation

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

Samples Received on:
10/20/2020 13:00

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Dibromomethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Dichlorodifluoromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Dichloromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Di-isopropyl ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Hexachlorobutadiene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Isopropylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Naphthalene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	n-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	n-Propylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	o-Chlorotoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	o-Xylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	p-Chlorotoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	p-Isopropyltoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	sec-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Styrene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	tert-amyl Methyl Ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	tert-Butyl Ethyl Ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	tert-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Toluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Total THM	9.1	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Total xylenes	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.30	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2-Dichloroethane-d4	106	%		1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	4-Bromofluorobenzene	100	%		1

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Laboratory Data

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

Samples Received on:
10/20/2020 13:00

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Toluene-d8	95	%		1

14760 Virginia (sompstation) 4410014 72 hour soak (202010200170)

Sampled on 10/19/2020 1020

EPA 524.2 - Volatile Organics by GCMS

10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2,3-Trichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,3-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	2,2-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	2-Butanone (MEK)	ND	ug/L	5.0	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5.0	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Benzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Bromobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Bromochloromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Bromodichloromethane	2.6	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Bromoethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Bromoform	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Bromomethane (Methyl Bromide)	ND (LM)	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Carbon disulfide	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Carbon Tetrachloride	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Chlorodibromomethane	1.7	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Chloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Chloroform (Trichloromethane)	4.4	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.50	1

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10/20/2020 13:00

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Dibromomethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Dichlorodifluoromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Dichloromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Di-isopropyl ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Hexachlorobutadiene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Isopropylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Naphthalene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	n-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	n-Propylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	o-Chlorotoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	o-Xylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	p-Chlorotoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	p-Isopropyltoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	sec-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Styrene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	tert-amyl Methyl Ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	tert-Butyl Ethyl Ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	tert-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Toluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Total THM	8.7	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Total xylenes	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.30	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2-Dichloroethane-d4	100	%		1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	4-Bromofluorobenzene	97	%		1

Rounding on totals after summation.

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10/20/2020 13:00

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10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Toluene-d8	94	%		1

Ridge and private (samp station) 4410014 72 hour soak (202010200171)

Sampled on 10/19/2020 1030

EPA 524.2 - Volatile Organics by GCMS

10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2,3-Trichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,3-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	2,2-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	2-Butanone (MEK)	ND	ug/L	5.0	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5.0	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Benzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Bromobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Bromochloromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Bromodichloromethane	3.8	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Bromoethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Bromoform	0.53	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Bromomethane (Methyl Bromide)	ND (LM)	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Carbon disulfide	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Carbon Tetrachloride	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Chlorodibromomethane	3.0	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Chloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Chloroform (Trichloromethane)	4.4	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.50	1

Rounding on totals after summation.

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1 800 566 LABS (1 800 566 5227)

Laboratory Data

Report: 899163
Project: SPECIAL
Group: Fire Investigation

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

Samples Received on:
10/20/2020 13:00

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Dibromomethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Dichlorodifluoromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Dichloromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Di-isopropyl ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Hexachlorobutadiene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Isopropylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Naphthalene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	n-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	n-Propylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	o-Chlorotoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	o-Xylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	p-Chlorotoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	p-Isopropyltoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	sec-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Styrene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	tert-amyl Methyl Ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	tert-Butyl Ethyl Ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	tert-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Toluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Total THM	12	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Total xylenes	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.30	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2-Dichloroethane-d4	103	%		1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	4-Bromofluorobenzene	99	%		1

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Laboratory Data

Report: 899163
Project: SPECIAL
Group: Fire Investigation

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

Samples Received on:
10/20/2020 13:00

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Toluene-d8	94	%		1

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10/20/2020 13:00

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
<u>275 Brook Lane (samp station) 4410014 72 hour soak (202010200169)</u>						Sampled on 10/19/2020 0920			
EPA 524.2 - Volatile Organics by GCMS									
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,1-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2,3-Trichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,3-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	2,2-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	2-Butanone (MEK)	ND	ug/L	5.0	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5.0	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Benzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Bromobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Bromochloromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Bromodichloromethane	3.0	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Bromoethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Bromoform	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Bromomethane (Methyl Bromide)	ND (LM)	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Carbon disulfide	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Carbon Tetrachloride	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Chlorodibromomethane	2.0	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Chloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Chloroform (Trichloromethane)	4.1	ug/L	0.50	1

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Laboratory Data

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Project: SPECIAL
Group: Fire Investigation

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

Samples Received on:
10/20/2020 13:00

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Dibromomethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Dichlorodifluoromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Dichloromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Di-isopropyl ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Hexachlorobutadiene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Isopropylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Naphthalene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	n-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	n-Propylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	o-Chlorotoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	o-Xylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	p-Chlorotoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	p-Isopropyltoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	sec-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Styrene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	tert-amyl Methyl Ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	tert-Butyl Ethyl Ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	tert-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Toluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Total THM	9.1	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Total xylenes	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.50	1

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

Samples Received on:
10/20/2020 13:00

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.30	1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	1,2-Dichloroethane-d4	106	%		1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	4-Bromofluorobenzene	100	%		1
10/20/20	10/20/20 20:10	1282724	1282757	(EPA 524.2)	Toluene-d8	95	%		1

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Samples Received on:
10/20/2020 13:00

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
<u>14760 Virginia (sampstation) 4410014 72 hour soak (202010200170)</u>						Sampled on 10/19/2020 1020			
EPA 524.2 - Volatile Organics by GCMS									
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,1-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2,3-Trichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,3-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	2,2-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	2-Butanone (MEK)	ND	ug/L	5.0	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5.0	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Benzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Bromobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Bromochloromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Bromodichloromethane	2.6	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Bromoethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Bromoform	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Bromomethane (Methyl Bromide)	ND (LM)	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Carbon disulfide	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Carbon Tetrachloride	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Chlorodibromomethane	1.7	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Chloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Chloroform (Trichloromethane)	4.4	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Chloromethane(Methyl Chloride)	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: 899163
Project: SPECIAL
Group: Fire Investigation

San Lorenzo Valley Water District

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

Samples Received on:
10/20/2020 13:00

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Dibromomethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Dichlorodifluoromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Dichloromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Di-isopropyl ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Hexachlorobutadiene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Isopropylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Naphthalene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	n-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	n-Propylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	o-Chlorotoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	o-Xylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	p-Chlorotoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	p-Isopropyltoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	sec-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Styrene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	tert-amyl Methyl Ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	tert-Butyl Ethyl Ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	tert-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Toluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Total THM	8.7	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Total xylenes	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.50	1

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Laboratory Data

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

Samples Received on:
10/20/2020 13:00

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.30	1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	1,2-Dichloroethane-d4	100	%		1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	4-Bromofluorobenzene	97	%		1
10/20/20	10/20/20 20:33	1282724	1282757	(EPA 524.2)	Toluene-d8	94	%		1

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Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
Ridge and private (samp station) 4410014 72 hour soak (202010200171)						Sampled on 10/19/2020 1030			
EPA 524.2 - Volatile Organics by GCMS									
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,1-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2,3-Trichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,3-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	2,2-Dichloropropane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	2-Butanone (MEK)	ND	ug/L	5.0	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5.0	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Benzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Bromobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Bromochloromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Bromodichloromethane	3.8	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Bromoethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Bromoform	0.53	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Bromomethane (Methyl Bromide)	ND (LM)	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Carbon disulfide	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Carbon Tetrachloride	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Chlorodibromomethane	3.0	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Chloroethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Chloroform (Trichloromethane)	4.4	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ua/L	0.50	1

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10/20/2020 13:00

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Dibromomethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Dichlorodifluoromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Dichloromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Di-isopropyl ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Hexachlorobutadiene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Isopropylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Naphthalene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	n-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	n-Propylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	o-Chlorotoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	o-Xylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	p-Chlorotoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	p-Isopropyltoluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	sec-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Styrene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	tert-amyl Methyl Ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	tert-Butyl Ethyl Ether	ND	ug/L	3.0	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	tert-Butylbenzene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Toluene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Total THM	12	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Total xylenes	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.50	1

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10/20/2020 13:00

Prepared	Analyzed	Prep Batch	Analyzed Batch	Method	Analyte	Result	Units	MRL	Dilution
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.50	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.30	1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	1,2-Dichloroethane-d4	103	%		1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	4-Bromofluorobenzene	99	%		1
10/20/20	10/20/20 20:56	1282724	1282757	(EPA 524.2)	Toluene-d8	94	%		1

Rounding on totals after summation.

(c) - indicates calculated results. Analysis is a calculated result. Reported results are not rounded until the final step before reporting. Therefore methods that use a test result with further calculation may have slight differences in final result than the component analyses.

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Laboratory QC Summary

Report: 899163
Project: SPECIAL
Group: Fire Investigation

San Lorenzo Valley Water District

Volatile Organics by GCMS

Prep Batch: 1282724 Analytical Batch: 1282757

Analysis Date: 10/20/2020

202010200169	275 Brook Lane (samp station) 4410014 72 hour soak	Analyzed by: TR7W
202010200170	14760 Virginia (sampstation) 4410014 72 hour soak	Analyzed by: TR7W
202010200171	Ridge and private (samp station) 4410014 72 hour soak	Analyzed by: TR7W

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
Volatile Organics by GCMS by EPA 524.2									
Analytical Batch: 1282757					Analysis Date: 10/20/2020				
LCS1	1,1,1,2-Tetrachloroethane		5	4.87	ug/L	97	(70-130)		
LCS2	1,1,1,2-Tetrachloroethane		5	4.95	ug/L	99	(70-130)	20	1.6
MBLK	1,1,1,2-Tetrachloroethane			<0.5	ug/L				
MRL_CHK	1,1,1,2-Tetrachloroethane		0.5	0.540	ug/L	108	(50-150)		
LCS1	1,1,1-Trichloroethane		5	4.86	ug/L	97	(70-130)		
LCS2	1,1,1-Trichloroethane		5	5.23	ug/L	105	(70-130)	20	7.3
MBLK	1,1,1-Trichloroethane			<0.5	ug/L				
MRL_CHK	1,1,1-Trichloroethane		0.5	0.540	ug/L	108	(50-150)		
LCS1	1,1,2,2-Tetrachloroethane		5	4.96	ug/L	99	(70-130)		
LCS2	1,1,2,2-Tetrachloroethane		5	4.90	ug/L	98	(70-130)	20	1.2
MBLK	1,1,2,2-Tetrachloroethane			<0.5	ug/L				
MRL_CHK	1,1,2,2-Tetrachloroethane		0.5	0.520	ug/L	104	(50-150)		
LCS1	1,1,2-Trichloroethane		5	4.84	ug/L	97	(70-130)		
LCS2	1,1,2-Trichloroethane		5	5.05	ug/L	101	(70-130)	20	4.3
MBLK	1,1,2-Trichloroethane			<0.5	ug/L				
MRL_CHK	1,1,2-Trichloroethane		0.5	0.580	ug/L	116	(50-150)		
LCS1	1,1-Dichloroethane		5	5.17	ug/L	103	(70-130)		
LCS2	1,1-Dichloroethane		5	5.36	ug/L	107	(70-130)	20	3.6
MBLK	1,1-Dichloroethane			<0.5	ug/L				
MRL_CHK	1,1-Dichloroethane		0.5	0.660	ug/L	132	(50-150)		
LCS1	1,1-Dichloroethylene		5	5.20	ug/L	104	(70-130)		
LCS2	1,1-Dichloroethylene		5	5.31	ug/L	106	(70-130)	20	2.1
MBLK	1,1-Dichloroethylene			<0.5	ug/L				
MRL_CHK	1,1-Dichloroethylene		0.5	0.610	ug/L	122	(50-150)		
LCS1	1,1-Dichloropropene		5	4.60	ug/L	92	(70-130)		
LCS2	1,1-Dichloropropene		5	4.85	ug/L	97	(70-130)	20	5.3
MBLK	1,1-Dichloropropene			<0.5	ug/L				
MRL_CHK	1,1-Dichloropropene		0.5	0.560	ug/L	112	(50-150)		
LCS1	1,2,3-Trichlorobenzene		5	4.55	ug/L	91	(70-130)		
LCS2	1,2,3-Trichlorobenzene		5	4.62	ug/L	92	(70-130)	20	1.5
MBLK	1,2,3-Trichlorobenzene			<0.5	ug/L				
MRL_CHK	1,2,3-Trichlorobenzene		0.5	0.480	ug/L	96	(50-150)		
LCS1	1,2,3-Trichloropropane		5	5.01	ug/L	100	(70-130)		
LCS2	1,2,3-Trichloropropane		5	4.94	ug/L	99	(70-130)	20	1.4
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	0.580	ug/L	116	(50-150)		
LCS1	1,2,4-Trichlorobenzene		5	4.27	ug/L	85	(70-130)		
LCS2	1,2,4-Trichlorobenzene		5	4.59	ug/L	92	(70-130)	20	7.2
MBLK	1,2,4-Trichlorobenzene			<0.5	ug/L				
MRL_CHK	1,2,4-Trichlorobenzene		0.5	0.450	ug/L	90	(50-150)		
LCS1	1,2,4-Trimethylbenzene		5	4.74	ug/L	95	(70-130)		
LCS2	1,2,4-Trimethylbenzene		5	4.77	ug/L	95	(70-130)	20	0.63
MBLK	1,2,4-Trimethylbenzene			<0.5	ug/L				
MRL_CHK	1,2,4-Trimethylbenzene		0.5	0.490	ug/L	98	(50-150)		
LCS1	1,2-Dichloroethane		5	5.04	ug/L	101	(70-130)		
LCS2	1,2-Dichloroethane		5	5.23	ug/L	105	(70-130)	20	3.7
MBLK	1,2-Dichloroethane			<0.5	ug/L				
MRL_CHK	1,2-Dichloroethane		0.5	0.550	ug/L	110	(50-150)		
LCS1	1,2-Dichloroethane-d4 (S)		5	98.6	%	99	(70-130)		
LCS2	1,2-Dichloroethane-d4 (S)		5	99.6	%	100	(70-130)		
MBLK	1,2-Dichloroethane-d4 (S)			105	%	105	(70-130)		
MRL_CHK	1,2-Dichloroethane-d4 (S)		5	109	%	109	(70-130)		
MRLW	1,2-Dichloroethane-d4 (S)		5	107	%	107	(70-130)		
LCS1	1,2-Dichloropropane		5	4.93	ug/L	99	(70-130)		
LCS2	1,2-Dichloropropane		5	5.10	ug/L	102	(70-130)	20	3.4
MBLK	1,2-Dichloropropane			<0.5	ug/L				
MRL_CHK	1,2-Dichloropropane		0.5	0.480	ug/L	96	(50-150)		
LCS1	1,3,5-Trimethylbenzene		5	4.82	ug/L	96	(70-130)		
LCS2	1,3,5-Trimethylbenzene		5	4.91	ug/L	98	(70-130)	20	1.9
MBLK	1,3,5-Trimethylbenzene			<0.5	ug/L				
MRL_CHK	1,3,5-Trimethylbenzene		0.5	0.500	ug/L	100	(50-150)		
LCS1	1,3-Dichloropropane		5	4.82	ug/L	96	(70-130)		
LCS2	1,3-Dichloropropane		5	4.95	ug/L	99	(70-130)	20	2.7
MBLK	1,3-Dichloropropane			<0.5	ug/L				
MRL_CHK	1,3-Dichloropropane		0.5	0.510	ug/L	102	(50-150)		
LCS1	2,2-Dichloropropane		5	4.92	ug/L	98	(70-130)		
LCS2	2,2-Dichloropropane		5	5.34	ug/L	107	(70-130)	20	8.2
MBLK	2,2-Dichloropropane			<0.5	ug/L				
MRL_CHK	2,2-Dichloropropane		0.5	0.580	ug/L	116	(50-150)		
LCS1	2-Butanone (MEK)		50	48.9	ug/L	98	(70-130)		
LCS2	2-Butanone (MEK)		50	50.3	ug/L	101	(70-130)	20	2.8
MBLK	2-Butanone (MEK)			<5.0	ug/L				
MRL_CHK	2-Butanone (MEK)		5	6.07	ug/L	121	(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	101	%	101	(70-130)		
LCS2	4-Bromofluorobenzene (S)		5	96.0	%	96	(70-130)		
MBLK	4-Bromofluorobenzene (S)			99.4	%	99	(70-130)		
MRL_CHK	4-Bromofluorobenzene (S)		5	101	%	101	(70-130)		
MRLLW	4-Bromofluorobenzene (S)		5	98.8	%	99	(70-130)		
LCS1	4-Methyl-2-Pentanone (MIBK)		50	45.4	ug/L	91	(70-130)		
LCS2	4-Methyl-2-Pentanone (MIBK)		50	47.7	ug/L	95	(70-130)	20	4.9
MBLK	4-Methyl-2-Pentanone (MIBK)			<5.0	ug/L				
MRL_CHK	4-Methyl-2-Pentanone (MIBK)		5	4.64	ug/L	93	(50-150)		
LCS1	Benzene		5	5.07	ug/L	101	(70-130)		
LCS2	Benzene		5	5.22	ug/L	104	(70-130)	20	2.9
MBLK	Benzene			<0.5	ug/L				
MRL_CHK	Benzene		0.5	0.560	ug/L	112	(50-150)		
LCS1	Bromobenzene		5	5.07	ug/L	101	(70-130)		
LCS2	Bromobenzene		5	4.70	ug/L	94	(70-130)	20	7.6
MBLK	Bromobenzene			<0.5	ug/L				
MRL_CHK	Bromobenzene		0.5	0.500	ug/L	100	(50-150)		
LCS1	Bromochloromethane		5	4.85	ug/L	97	(70-130)		
LCS2	Bromochloromethane		5	4.80	ug/L	96	(70-130)	20	1.0
MBLK	Bromochloromethane			<0.5	ug/L				
MRL_CHK	Bromochloromethane		0.5	0.350	ug/L	70	(50-150)		
LCS1	Bromodichloromethane		5	4.65	ug/L	93	(70-130)		
LCS2	Bromodichloromethane		5	4.95	ug/L	99	(70-130)	20	6.3
MBLK	Bromodichloromethane			<0.5	ug/L				
MRL_CHK	Bromodichloromethane		0.5	0.530	ug/L	106	(50-150)		
LCS1	Bromoethane		5	5.29	ug/L	106	(70-130)		
LCS2	Bromoethane		5	5.25	ug/L	105	(70-130)	20	0.76
MBLK	Bromoethane			<0.5	ug/L				
MRL_CHK	Bromoethane		0.5	0.730	ug/L	146	(50-150)		
LCS1	Bromoform		5	4.39	ug/L	88	(70-130)		
LCS2	Bromoform		5	4.53	ug/L	91	(70-130)	20	3.1
MBLK	Bromoform			<0.5	ug/L				
MRL_CHK	Bromoform		0.5	0.540	ug/L	108	(50-150)		
LCS1	Bromomethane (Methyl Bromide)		5	5.51	ug/L	110	(70-130)		
LCS2	Bromomethane (Methyl Bromide)		5	5.80	ug/L	116	(70-130)	20	5.1
MBLK	Bromomethane (Methyl Bromide)			<0.5	ug/L				
MRL_CHK	Bromomethane (Methyl Bromide)		0.5	0.770	ug/L	<u>154</u>	(50-150)		
LCS1	Carbon disulfide		5	5.57	ug/L	111	(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.

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
LCS2	Carbon disulfide		5	5.46	ug/L	109	(70-130)	20	2.0
MBLK	Carbon disulfide			<0.5	ug/L				
MRL_CHK	Carbon disulfide		0.5	0.570	ug/L	114	(50-150)		
LCS1	Carbon Tetrachloride		5	4.69	ug/L	94	(70-130)		
LCS2	Carbon Tetrachloride		5	4.62	ug/L	92	(70-130)	20	1.5
MBLK	Carbon Tetrachloride			<0.5	ug/L				
MRL_CHK	Carbon Tetrachloride		0.5	0.530	ug/L	106	(50-150)		
LCS1	Chlorobenzene		5	4.49	ug/L	90	(70-130)		
LCS2	Chlorobenzene		5	4.65	ug/L	93	(70-130)	20	3.5
MBLK	Chlorobenzene			<0.5	ug/L				
MRL_CHK	Chlorobenzene		0.5	0.480	ug/L	96	(50-150)		
LCS1	Chlorodibromomethane		5	4.65	ug/L	93	(70-130)		
LCS2	Chlorodibromomethane		5	5.32	ug/L	106	(70-130)	20	13
MBLK	Chlorodibromomethane			<0.5	ug/L				
MRL_CHK	Chlorodibromomethane		0.5	0.450	ug/L	90	(50-150)		
LCS1	Chloroethane		5	5.11	ug/L	102	(70-130)		
LCS2	Chloroethane		5	5.29	ug/L	106	(70-130)	20	3.5
MBLK	Chloroethane			<0.5	ug/L				
MRL_CHK	Chloroethane		0.5	0.650	ug/L	130	(50-150)		
LCS1	Chloroform (Trichloromethane)		5	4.92	ug/L	98	(70-130)		
LCS2	Chloroform (Trichloromethane)		5	4.93	ug/L	99	(70-130)	20	0.20
MBLK	Chloroform (Trichloromethane)			<0.5	ug/L				
MRL_CHK	Chloroform (Trichloromethane)		0.5	0.610	ug/L	122	(50-150)		
LCS1	Chloromethane(Methyl Chloride)		5	5.15	ug/L	103	(70-130)		
LCS2	Chloromethane(Methyl Chloride)		5	5.29	ug/L	106	(70-130)	20	2.7
MBLK	Chloromethane(Methyl Chloride)			<0.5	ug/L				
MRL_CHK	Chloromethane(Methyl Chloride)		0.5	0.650	ug/L	130	(50-150)		
LCS1	cis-1,2-Dichloroethylene		5	5.19	ug/L	104	(70-130)		
LCS2	cis-1,2-Dichloroethylene		5	5.45	ug/L	109	(70-130)	20	4.9
MBLK	cis-1,2-Dichloroethylene			<0.5	ug/L				
MRL_CHK	cis-1,2-Dichloroethylene		0.5	0.610	ug/L	122	(50-150)		
LCS1	cis-1,3-Dichloropropene		5	4.32	ug/L	86	(70-130)		
LCS2	cis-1,3-Dichloropropene		5	4.59	ug/L	92	(70-130)	20	6.1
MBLK	cis-1,3-Dichloropropene			<0.5	ug/L				
MRL_CHK	cis-1,3-Dichloropropene		0.5	0.340	ug/L	68	(50-150)		
LCS1	Dibromomethane		5	4.54	ug/L	91	(70-130)		
LCS2	Dibromomethane		5	4.76	ug/L	95	(70-130)	20	4.7
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.

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MRL_CHK	Dibromomethane		0.5	0.560	ug/L	112	(50-150)		
LCS1	Dichlorodifluoromethane		5	5.41	ug/L	108	(70-130)		
LCS2	Dichlorodifluoromethane		5	5.81	ug/L	116	(70-130)	20	7.1
MBLK	Dichlorodifluoromethane			<0.5	ug/L				
MRL_CHK	Dichlorodifluoromethane		0.5	0.590	ug/L	118	(50-150)		
LCS1	Dichloromethane		5	4.78	ug/L	96	(70-130)		
LCS2	Dichloromethane		5	4.75	ug/L	95	(70-130)	20	0.63
MBLK	Dichloromethane			<0.5	ug/L				
MRL_CHK	Dichloromethane		0.5	0.570	ug/L	114	(50-150)		
LCS1	Di-isopropyl ether		5	5.14	ug/L	103	(70-130)		
LCS2	Di-isopropyl ether		5	5.26	ug/L	105	(70-130)	20	2.3
MBLK	Di-isopropyl ether			<3.0	ug/L				
MRL_CHK	Di-isopropyl ether		0.5	0.620	ug/L	124	(50-150)		
LCS1	Ethyl benzene		5	4.80	ug/L	96	(70-130)		
LCS2	Ethyl benzene		5	4.95	ug/L	99	(70-130)	20	3.1
MBLK	Ethyl benzene			<0.5	ug/L				
MRL_CHK	Ethyl benzene		0.5	0.460	ug/L	92	(50-150)		
LCS1	Hexachlorobutadiene		5	4.67	ug/L	93	(70-130)		
LCS2	Hexachlorobutadiene		5	5.06	ug/L	101	(70-130)	20	8.0
MBLK	Hexachlorobutadiene			<0.5	ug/L				
MRL_CHK	Hexachlorobutadiene		0.5	0.490	ug/L	98	(50-150)		
LCS1	Isopropylbenzene		5	5.12	ug/L	102	(70-130)		
LCS2	Isopropylbenzene		5	5.05	ug/L	101	(70-130)	20	1.4
MBLK	Isopropylbenzene			<0.5	ug/L				
MRL_CHK	Isopropylbenzene		0.5	0.480	ug/L	96	(50-150)		
LCS1	m,p-Xylenes		10	9.68	ug/L	97	(70-130)		
LCS2	m,p-Xylenes		10	10.0	ug/L	100	(70-130)	20	3.3
MBLK	m,p-Xylenes			<0.5	ug/L				
MRL_CHK	m,p-Xylenes		1	0.930	ug/L	93	(50-150)		
MRLLW	m,p-Xylenes		0.5	0.410	ug/L	82	(50-150)		
LCS1	m-Dichlorobenzene (1,3-DCB)		5	4.74	ug/L	95	(70-130)		
LCS2	m-Dichlorobenzene (1,3-DCB)		5	4.73	ug/L	95	(70-130)	20	0.21
MBLK	m-Dichlorobenzene (1,3-DCB)			<0.5	ug/L				
MRL_CHK	m-Dichlorobenzene (1,3-DCB)		0.5	0.470	ug/L	94	(50-150)		
LCS1	Methyl Tert-butyl ether (MTBE)		5	4.79	ug/L	96	(70-130)		
LCS2	Methyl Tert-butyl ether (MTBE)		5	4.82	ug/L	96	(70-130)	20	0.62
MBLK	Methyl Tert-butyl ether (MTBE)			<0.5	ug/L				
MRL_CHK	Methyl Tert-butyl ether (MTBE)		0.5	0.610	ug/L	122	(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.

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Report: 899163
Project: SPECIAL
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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
LCS1	Naphthalene		5	4.23	ug/L	85	(70-130)		
LCS2	Naphthalene		5	4.59	ug/L	92	(70-130)	20	8.2
MBLK	Naphthalene			<0.5	ug/L				
MRL_CHK	Naphthalene		0.5	0.370	ug/L	74	(50-150)		
LCS1	n-Butylbenzene		5	4.75	ug/L	95	(70-130)		
LCS2	n-Butylbenzene		5	4.88	ug/L	98	(70-130)	20	2.7
MBLK	n-Butylbenzene			<0.5	ug/L				
MRL_CHK	n-Butylbenzene		0.5	0.500	ug/L	100	(50-150)		
LCS1	n-Propylbenzene		5	4.88	ug/L	98	(70-130)		
LCS2	n-Propylbenzene		5	4.89	ug/L	98	(70-130)	20	0.21
MBLK	n-Propylbenzene			<0.5	ug/L				
MRL_CHK	n-Propylbenzene		0.5	0.510	ug/L	102	(50-150)		
LCS1	o-Chlorotoluene		5	4.95	ug/L	99	(70-130)		
LCS2	o-Chlorotoluene		5	4.84	ug/L	97	(70-130)	20	2.3
MBLK	o-Chlorotoluene			<0.5	ug/L				
MRL_CHK	o-Chlorotoluene		0.5	0.520	ug/L	104	(50-150)		
LCS1	o-Dichlorobenzene (1,2-DCB)		5	4.69	ug/L	94	(70-130)		
LCS2	o-Dichlorobenzene (1,2-DCB)		5	4.75	ug/L	95	(70-130)	20	1.3
MBLK	o-Dichlorobenzene (1,2-DCB)			<0.5	ug/L				
MRL_CHK	o-Dichlorobenzene (1,2-DCB)		0.5	0.510	ug/L	102	(50-150)		
LCS1	o-Xylene		5	4.63	ug/L	93	(70-130)		
LCS2	o-Xylene		5	4.79	ug/L	96	(70-130)	20	3.4
MBLK	o-Xylene			<0.5	ug/L				
MRL_CHK	o-Xylene		0.5	0.440	ug/L	88	(50-150)		
LCS1	p-Chlorotoluene		5	4.94	ug/L	99	(70-130)		
LCS2	p-Chlorotoluene		5	4.96	ug/L	99	(70-130)	20	0.40
MBLK	p-Chlorotoluene			<0.5	ug/L				
MRL_CHK	p-Chlorotoluene		0.5	0.560	ug/L	112	(50-150)		
LCS1	p-Dichlorobenzene (1,4-DCB)		5	4.67	ug/L	93	(70-130)		
LCS2	p-Dichlorobenzene (1,4-DCB)		5	4.73	ug/L	95	(70-130)	20	1.3
MBLK	p-Dichlorobenzene (1,4-DCB)			<0.5	ug/L				
MRL_CHK	p-Dichlorobenzene (1,4-DCB)		0.5	0.510	ug/L	102	(50-150)		
LCS1	p-Isopropyltoluene		5	4.78	ug/L	96	(70-130)		
LCS2	p-Isopropyltoluene		5	4.85	ug/L	97	(70-130)	20	1.5
MBLK	p-Isopropyltoluene			<0.5	ug/L				
MRL_CHK	p-Isopropyltoluene		0.5	0.440	ug/L	88	(50-150)		
LCS1	sec-Butylbenzene		5	5.50	ug/L	110	(70-130)		
LCS2	sec-Butylbenzene		5	5.42	ug/L	108	(70-130)	20	1.5

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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%
MBLK	sec-Butylbenzene			<0.5	ug/L				
MRL_CHK	sec-Butylbenzene		0.5	0.470	ug/L	94	(50-150)		
LCS1	Styrene		5	4.82	ug/L	96	(70-130)		
LCS2	Styrene		5	5.06	ug/L	101	(70-130)	20	4.9
MBLK	Styrene			<0.5	ug/L				
MRL_CHK	Styrene		0.5	0.410	ug/L	82	(50-150)		
LCS1	tert-amyl Methyl Ether		5	4.36	ug/L	87	(70-130)		
LCS2	tert-amyl Methyl Ether		5	4.36	ug/L	87	(70-130)	20	0.0
MBLK	tert-amyl Methyl Ether			<3.0	ug/L				
MRL_CHK	tert-amyl Methyl Ether		0.5	0.480	ug/L	96	(50-150)		
LCS1	tert-Butyl Ethyl Ether		5	4.56	ug/L	91	(70-130)		
LCS2	tert-Butyl Ethyl Ether		5	4.80	ug/L	96	(70-130)	20	5.1
MBLK	tert-Butyl Ethyl Ether			<3.0	ug/L				
MRL_CHK	tert-Butyl Ethyl Ether		0.5	0.520	ug/L	104	(50-150)		
LCS1	tert-Butylbenzene		5	4.87	ug/L	97	(70-130)		
LCS2	tert-Butylbenzene		5	4.84	ug/L	97	(70-130)	20	0.62
MBLK	tert-Butylbenzene			<0.5	ug/L				
MRL_CHK	tert-Butylbenzene		0.5	0.490	ug/L	98	(50-150)		
LCS1	Tetrachloroethylene (PCE)		5	4.89	ug/L	98	(70-130)		
LCS2	Tetrachloroethylene (PCE)		5	5.05	ug/L	101	(70-130)	20	3.2
MBLK	Tetrachloroethylene (PCE)			<0.5	ug/L				
MRL_CHK	Tetrachloroethylene (PCE)		0.5	0.560	ug/L	112	(50-150)		
LCS1	Toluene		5	4.96	ug/L	99	(70-130)		
LCS2	Toluene		5	4.97	ug/L	99	(70-130)	20	0.20
MBLK	Toluene			<0.5	ug/L				
MRL_CHK	Toluene		0.5	0.570	ug/L	114	(50-150)		
LCS1	Toluene-d8 (S)		5	102	%	102	(70-130)		
LCS2	Toluene-d8 (S)		5	100	%	100	(70-130)		
MBLK	Toluene-d8 (S)			96.6	%	97	(70-130)		
MRL_CHK	Toluene-d8 (S)		5	98.6	%	99	(70-130)		
MRLLW	Toluene-d8 (S)		5	97.0	%	97	(70-130)		
LCS1	trans-1,2-Dichloroethylene		5	5.11	ug/L	102	(70-130)		
LCS2	trans-1,2-Dichloroethylene		5	5.26	ug/L	105	(70-130)	20	2.9
MBLK	trans-1,2-Dichloroethylene			<0.5	ug/L				
MRL_CHK	trans-1,2-Dichloroethylene		0.5	0.660	ug/L	132	(50-150)		
LCS1	trans-1,3-Dichloropropene		5	4.63	ug/L	93	(70-130)		
LCS2	trans-1,3-Dichloropropene		5	4.68	ug/L	94	(70-130)	20	1.1
MBLK	trans-1,3-Dichloropropene			<0.5	ug/L				

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MRL_CHK	trans-1,3-Dichloropropene		0.5	0.370	ug/L	74	(50-150)		
LCS1	Trichloroethylene (TCE)		5	4.94	ug/L	99	(70-130)		
LCS2	Trichloroethylene (TCE)		5	5.00	ug/L	100	(70-130)	20	1.2
MBLK	Trichloroethylene (TCE)			<0.5	ug/L				
MRL_CHK	Trichloroethylene (TCE)		0.5	0.570	ug/L	114	(50-150)		
LCS1	Trichlorofluoromethane		5	5.14	ug/L	103	(70-130)		
LCS2	Trichlorofluoromethane		5	5.21	ug/L	104	(70-130)	20	1.4
MBLK	Trichlorofluoromethane			<0.5	ug/L				
MRL_CHK	Trichlorofluoromethane		0.5	0.600	ug/L	120	(50-150)		
LCS1	Trichlorotrifluoroethane(Freon		5	5.49	ug/L	110	(70-130)		
LCS2	Trichlorotrifluoroethane(Freon		5	5.69	ug/L	114	(70-130)	20	3.6
MBLK	Trichlorotrifluoroethane(Freon			<0.5	ug/L				
MRL_CHK	Trichlorotrifluoroethane(Freon		0.5	0.710	ug/L	142	(50-150)		
LCS1	Vinyl chloride (VC)		5	5.04	ug/L	101	(70-130)		
LCS2	Vinyl chloride (VC)		5	5.27	ug/L	105	(70-130)	20	4.5
MBLK	Vinyl chloride (VC)			<0.3	ug/L				
MRL_CHK	Vinyl chloride (VC)		0.5	0.680	ug/L	136	(50-150)		
MRLW	Vinyl chloride (VC)		0.25	0.310	ug/L	124	(50-150)		

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