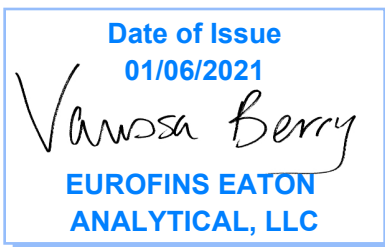


750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: (626) 386-1100
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1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Western Environmental Testing Laboratory
3230 Polaris Ave, Suite 4
Las Vegas, NV 89102
Attention: Lisa Mason



Utah ELCP CA00006

ZIA8: Vanessa Berry
Project Manager

Report: 909445
Project: COMPLIANCE-LAS_VEGAS
Group: Phase 2 & 5 SOC's

* 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	Environmental (Drinking Water)	Environmental (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)	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	Environmental (Drinking Water)	Environmental (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 ²⁻ 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: **Western Environmental Testing Laboratory**
3230 Polaris Ave, Suite 4
Las Vegas, NV 89102

Client ID: WETLAB-NV
Folder #: 909445
Project: COMPLIANCE-LAS_VEGAS
Sample Group: Phase 2 & 5 SOC's

Attn: Lisa Mason
Phone: 702-475-8899

Project Manager: Vanessa Berry
Phone: 503-310-3905
PO #: 20120496

The following samples were received from you on **December 18, 2020 at 1127**. 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
202012180435	5 Gallon Machine	12/14/2020 1015
	Variable ID: 20120496-001	
	@551_EDB-DBCP @DIQUAT C @ML505	
	@ML515.4 @ML525 C @ML531.2	
	@THM524 @VOASDWA C Endothall	
	Glyphosate	

Test Description

@551_EDB-DBCP -- EDB/DBCP/HAN by EPA 551.1

@DIQUAT C -- Diquat and Paraquat

@ML505 -- Organochlorine Pesticides/PCBs

@ML515.4 -- Chlorophenoxy Herbicides

@ML525 C -- Semivolatiles by GCMS

@ML531.2 -- Aldicarbs

@THM524 -- Volatile Organics by GCMS

@VOASDWA C -- Volatile Organics by GCMS

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Laboratory Comments

Report: 909445
Project: COMPLIANCE-LAS_VEGAS
Group: Phase 2 & 5 SOC's

Western Environmental Testing Laboratory
Lisa Mason
3230 Polaris Ave, Suite 4
Las Vegas, NV 89102

Flags Legend:

LK - The associated blank spike recovery was above method acceptance limits. This target analyte was not detected in the sample.

VC - CCV is high biased, ND data are reportable as per TNI V1M4 1.7.2.e).i.

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Laboratory Hits

Report: 909445
 Project: COMPLIANCE-LAS_VEGAS
 Group: Phase 2 & 5 SOC's

Western Environmental Testing Laboratory
 Lisa Mason
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Samples Received on:
 12/18/2020 1127

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
		202012180435				
		<u>5 Gallon Machine</u>				
12/20/2020 23:54	Bromodichloromethane		2.5		ug/L	0.50
12/20/2020 23:54	Chlorodibromomethane		1.2		ug/L	0.50
12/20/2020 23:54	Chloroform (Trichloromethane)		3.1		ug/L	0.50
12/20/2020 23:54	Total THM		6.8	80	ug/L	0.50

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Samples Received on:
 12/18/2020 1127

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
5 Gallon Machine (202012180435)					Sampled on 12/14/2020 1015				
Variable ID: 20120496-001									
EPA 505 - Organochlorine Pesticides/PCBs									
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	Alachlor (Alanex)	ND	ug/L	0.10	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	Aldrin	ND	ug/L	0.010	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	Chlordane	ND	ug/L	0.10	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	Dieldrin	ND	ug/L	0.0100	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	Endrin	ND	ug/L	0.010	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	Heptachlor	ND	ug/L	0.010	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	Heptachlor Epoxide	ND	ug/L	0.010	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	Lindane (gamma-BHC)	ND	ug/L	0.010	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	Methoxychlor	ND	ug/L	0.050	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	PCB 1016 Aroclor	ND	ug/L	0.080	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	PCB 1221 Aroclor	ND	ug/L	0.10	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	PCB 1232 Aroclor	ND	ug/L	0.10	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	PCB 1242 Aroclor	ND	ug/L	0.10	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	PCB 1248 Aroclor	ND	ug/L	0.10	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	PCB 1254 Aroclor	ND	ug/L	0.10	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	PCB 1260 Aroclor	ND	ug/L	0.10	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	Total PCBs	ND	ug/L	0.10	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	Toxaphene	ND	ug/L	0.50	1
12/21/20	12/22/20 00:29	1295458	1295772	(EPA 505)	Tetrachlorometaxylene	100	%		1
EPA 515.4 - Chlorophenoxy Herbicides									
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	2,4,5-T	ND	ug/L	0.20	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	2,4,5-TP (Silvex)	ND	ug/L	0.20	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	2,4-D	ND	ug/L	0.10	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	2,4-DB	ND	ug/L	2.0	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	3,5-Dichlorobenzoic acid	ND	ug/L	0.50	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	Acifluorfen	ND	ug/L	0.20	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	Bentazon	ND	ug/L	0.50	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	Dalapon	ND	ug/L	1.0	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	Dicamba	ND	ug/L	0.10	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	Dichlorprop	ND	ug/L	0.50	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	Dinoseb	ND	ug/L	0.20	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	Pentachlorophenol	ND	ug/L	0.040	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	Picloram	ND	ug/L	0.10	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	Tot DCPA Mono&Diacid Degradate	ND	ug/L	0.10	1
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	2,4-Dichlorophenyl acetic acid	91	%		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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 Group: Phase 2 & 5 SOC's

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Samples Received on:
 12/18/2020 1127

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
12/22/20	12/31/20 01:51	1295300	1296499	(EPA 515.4)	4,4-Dibromooctafluorobiphenyl	97	%		1
EPA 551.1 - EDB/DBCP/HAN by EPA 551.1									
12/21/20	12/22/20 03:38	1295438	1295491	(EPA 551.1)	Dibromochloropropane (DBCP)	ND	ug/L	0.010	1
12/21/20	12/22/20 03:38	1295438	1295491	(EPA 551.1)	Ethylene Dibromide (EDB)	ND	ug/L	0.010	1
12/21/20	12/22/20 03:38	1295438	1295491	(EPA 551.1)	1,2-Dibromopropane	85	%		1
EPA 525.2 - Semivolatiles by GCMS									
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	2,4-Dinitrotoluene	ND (VC,LK)	ug/L	0.10	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Acenaphthylene	ND	ug/L	0.10	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Alachlor	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	alpha-Chlordane	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Anthracene	ND	ug/L	0.020	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Atrazine	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Benz(a)Anthracene	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Benzo(a)pyrene	ND	ug/L	0.020	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Benzo(b)Fluoranthene	ND	ug/L	0.020	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Benzo(g,h,i)Perylene	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Benzo(k)Fluoranthene	ND	ug/L	0.020	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Bromacil	ND	ug/L	0.10	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Butachlor	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Butylbenzylphthalate	ND	ug/L	0.50	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Caffeine by method 525mod	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Chrysene	ND	ug/L	0.020	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Di-(2-Ethylhexyl)adipate	ND	ug/L	0.60	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Di(2-Ethylhexyl)phthalate	ND	ug/L	0.60	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Diazinon (Qualitative)	ND	ug/L	0.10	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Dibenz(a,h)Anthracene	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Dieldrin	ND	ug/L	0.20	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Diethylphthalate	ND	ug/L	0.50	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Dimethoate	ND	ug/L	0.10	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Dimethylphthalate	ND	ug/L	0.50	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Di-n-Butylphthalate	ND	ug/L	1.0	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Endrin	ND	ug/L	0.10	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Fluoranthene	ND	ug/L	0.10	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Fluorene	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	gamma-Chlordane	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Heptachlor	ND	ug/L	0.040	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Heptachlor Epoxide (isomer B)	ND	ug/L	0.050	1

Rounding on totals after summation.
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 3230 Polaris Ave, Suite 4
 Las Vegas, NV 89102

Samples Received on:
 12/18/2020 1127

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Hexachlorobenzene	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Hexachlorocyclopentadiene	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Indeno(1,2,3,c,d)Pyrene	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Isophorone	ND	ug/L	0.50	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Lindane	ND	ug/L	0.040	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Methoxychlor	ND	ug/L	0.10	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Metolachlor	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Metribuzin	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Molinate	ND	ug/L	0.10	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Phenanthrene	ND	ug/L	0.040	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Propachlor	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Pyrene	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Simazine	ND	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Thiobencarb (ELAP)	ND	ug/L	0.20	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	trans-Nonachlor	ND (VC)	ug/L	0.050	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Trifluralin	ND	ug/L	0.10	1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	1,3-Dimethyl-2-nitrobenzene	87	%		1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Acenaphthene-d10	78	%		1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Chrysene-d12	71	%		1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Perylene-d12	81	%		1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Phenanthrene-d10	86	%		1
12/22/20	12/23/20 23:46	1295677	1296359	(EPA 525.2)	Triphenylphosphate	94	%		1
EPA 548.1 - Endothall									
12/21/20	12/23/20 12:31	1295420	1295695	(EPA 548.1)	Endothall	ND	ug/L	5.0	1
EPA 547 - Glyphosate									
	12/22/20 17:37		1294955	(EPA 547)	Glyphosate	ND	ug/L	6.0	1
EPA 531.2 - Aldicarb									
	12/19/20 21:47		1295256	(EPA 531.2)	3-Hydroxycarbofuran	ND	ug/L	0.50	1
	12/19/20 21:47		1295256	(EPA 531.2)	Aldicarb (Temik)	ND	ug/L	0.50	1
	12/19/20 21:47		1295256	(EPA 531.2)	Aldicarb sulfone	ND	ug/L	0.50	1
	12/19/20 21:47		1295256	(EPA 531.2)	Aldicarb sulfoxide	ND	ug/L	0.50	1
	12/19/20 21:47		1295256	(EPA 531.2)	Baygon	ND	ug/L	0.50	1
	12/19/20 21:47		1295256	(EPA 531.2)	Carbaryl	ND	ug/L	0.50	1
	12/19/20 21:47		1295256	(EPA 531.2)	Carbofuran (Furadan)	ND	ug/L	0.50	1
	12/19/20 21:47		1295256	(EPA 531.2)	Methiocarb	ND	ug/L	0.50	1
	12/19/20 21:47		1295256	(EPA 531.2)	Methomyl	ND	ug/L	0.50	1
	12/19/20 21:47		1295256	(EPA 531.2)	Oxamyl (Vydate)	ND	ug/L	0.50	1

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 1 800 566 LABS (1 800 566 5227)

Report: 909445
 Project: COMPLIANCE-LAS_VEGAS
 Group: Phase 2 & 5 SOC's

Western Environmental Testing Laboratory
 Lisa Mason
 3230 Polaris Ave, Suite 4
 Las Vegas, NV 89102

Samples Received on:
 12/18/2020 1127

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
	12/19/20 21:47		1295256	(EPA 531.2)	4-Bromo-3,5-dimethylphenyl-N-methylc arbamate	100	%		1
EPA 549.2 - Diquat and Paraquat									
12/21/20	12/22/20 02:32	1295399	1295389	(EPA 549.2)	Diquat	ND	ug/L	0.40	1
12/21/20	12/22/20 02:32	1295399	1295389	(EPA 549.2)	Paraquat	ND	ug/L	2.0	1
EPA 524.2 - Volatile Organics by GCMS									
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,1-Dichloropropene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,2,3-Trichloropropane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,3-Dichloropropane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	2,2-Dichloropropane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	2-Butanone (MEK)	ND	ug/L	5.0	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5.0	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Benzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Bromobenzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Bromochloromethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Bromodichloromethane	2.5	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Bromoethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Bromoform	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Carbon disulfide	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Carbon Tetrachloride	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Chlorodibromomethane	1.2	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Chloroethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Chloroform (Trichloromethane)	3.1	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/L	0.50	1

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Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Dibromomethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Dichlorodifluoromethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Dichloromethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Di-isopropyl ether	ND	ug/L	3.0	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Hexachlorobutadiene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Isopropylbenzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Naphthalene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	n-Butylbenzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	n-Propylbenzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	o-Chlorotoluene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	o-Xylene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	p-Chlorotoluene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	p-Isopropyltoluene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	sec-Butylbenzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Styrene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	tert-amyl Methyl Ether	ND	ug/L	3.0	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	tert-Butyl Ethyl Ether	ND	ug/L	3.0	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	tert-Butylbenzene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Toluene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Total THM	6.8	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Total xylenes	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.50	1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.30	1

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Laboratory Data

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12/18/2020 1127

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	1,2-Dichloroethane-d4	100	%		1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	4-Bromofluorobenzene	104	%		1
12/20/20	12/20/20 23:54	1295429	1295433	(EPA 524.2)	Toluene-d8	95	%		1

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Western Environmental Testing Laboratory

Glyphosate

Analytical Batch: 1294955

202012180435 5 Gallon Machine

Analysis Date: 12/22/2020

Analyzed by: DYM

Aldicarb

Analytical Batch: 1295256

202012180435 5 Gallon Machine

Analysis Date: 12/19/2020

Analyzed by: XWO

Diquat and Paraquat

Prep Batch: 1295399 Analytical Batch: 1295389

202012180435 5 Gallon Machine

Analysis Date: 12/22/2020

Analyzed by: DYM

Volatile Organics by GCMS

Prep Batch: 1295429 Analytical Batch: 1295433

202012180435 5 Gallon Machine

Analysis Date: 12/20/2020

Analyzed by: TG9W

EDB/DBCP/HAN by EPA 551.1

Prep Batch: 1295438 Analytical Batch: 1295491

202012180435 5 Gallon Machine

Analysis Date: 12/22/2020

Analyzed by: A9G8

Endothall

Prep Batch: 1295420 Analytical Batch: 1295695

202012180435 5 Gallon Machine

Analysis Date: 12/23/2020

Analyzed by: X8AA

Organochlorine Pesticides/PCBs

Prep Batch: 1295458 Analytical Batch: 1295772

202012180435 5 Gallon Machine

Analysis Date: 12/22/2020

Analyzed by: ARH

Semivolatiles by GCMS

Prep Batch: 1295677 Analytical Batch: 1296359

202012180435 5 Gallon Machine

Analysis Date: 12/23/2020

Analyzed by: PAC

Chlorophenoxy Herbicides

Prep Batch: 1295300 Analytical Batch: 1296499

202012180435 5 Gallon Machine

Analysis Date: 12/31/2020

Analyzed by: O2TX

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Western Environmental Testing Laboratory

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
Glyphosate by EPA 547									
Analytical Batch: 1294955					Analysis Date: 12/22/2020				
CCCH	Glyphosate		25	23.3	ug/L	93	(80-120)		
CCCM	Glyphosate		10	9.84	ug/L	98	(80-120)		
LCS1	Glyphosate		10	9.63	ug/L	96	(80-120)		
MBLK	Glyphosate			<3	ug/L				
MRL_CHK	Glyphosate		6	6.30	ug/L	105	(50-150)		
MS_202012140070	Glyphosate	ND	10	10.0	ug/L	100	(80-120)		
MS2_202012160202	Glyphosate	ND	10	10.2	ug/L	102	(80-120)		
MSD_202012140070	Glyphosate	ND	10	10.4	ug/L	104	(80-120)	20	3.6
Aldicarb by EPA 531.2									
Analytical Batch: 1295256					Analysis Date: 12/19/2020				
CCCH	3-Hydroxycarbofuran		25	24.6	ug/L	99	(70-130)		
CCCM	3-Hydroxycarbofuran		10	9.98	ug/L	100	(70-130)		
LCS	3-Hydroxycarbofuran		5	4.90	ug/L	98	(70-130)		
MBLK	3-Hydroxycarbofuran			<0.167	ug/L				
MRL_CHK	3-Hydroxycarbofuran		0.5	0.487	ug/L	97	(50-150)		
MS1_202012170061	3-Hydroxycarbofuran	ND	5	5.04	ug/L	101	(70-130)		
MSD1_202012170061	3-Hydroxycarbofuran	ND	5	5.03	ug/L	101	(70-130)	20	0.15
CCCH	4-Bromo-3,5-dimethylphenyl-N-methylcarbamate (S)			100	%	100	(70-130)		
CCCM	4-Bromo-3,5-dimethylphenyl-N-methylcarbamate (S)			100	%	100	(70-130)		
LCS	4-Bromo-3,5-dimethylphenyl-N-methylcarbamate (S)			105	%	105	(70-130)		
MBLK	4-Bromo-3,5-dimethylphenyl-N-methylcarbamate (S)			104	%	104	(70-130)		
MRL_CHK	4-Bromo-3,5-dimethylphenyl-N-methylcarbamate (S)		100	106	%	106	(70-130)		
MS1_202012170061	4-Bromo-3,5-dimethylphenyl-N-methylcarbamate (S)			113	%	113	(70-130)		
MSD1_202012170061	4-Bromo-3,5-dimethylphenyl-N-methylcarbamate (S)			109	%	109	(70-130)		
CCCH	Aldicarb (Temik)		25	22.6	ug/L	91	(70-130)		
CCCM	Aldicarb (Temik)		10	9.32	ug/L	93	(70-130)		
LCS	Aldicarb (Temik)		5	4.83	ug/L	97	(70-130)		
MBLK	Aldicarb (Temik)			<0.167	ug/L				
MRL_CHK	Aldicarb (Temik)		0.5	0.518	ug/L	104	(50-150)		
MS1_202012170061	Aldicarb (Temik)	ND	5	5.09	ug/L	102	(70-130)		
MSD1_202012170061	Aldicarb (Temik)	ND	5	5.09	ug/L	102	(70-130)	20	0.057
CCCH	Aldicarb sulfone		25	24.6	ug/L	99	(70-130)		
CCCM	Aldicarb sulfone		10	9.94	ug/L	99	(70-130)		
LCS	Aldicarb sulfone		5	5.29	ug/L	106	(70-130)		

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.
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Report: 909445
 Project: COMPLIANCE-LAS_VEGAS
 Group: Phase 2 & 5 SOC's

Western Environmental Testing Laboratory

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MBLK	Aldicarb sulfone			<0.167	ug/L				
MRL_CHK	Aldicarb sulfone		0.5	0.496	ug/L	99	(50-150)		
MS1_202012170061	Aldicarb sulfone	ND	5	5.15	ug/L	103	(70-130)		
MSD1_202012170061	Aldicarb sulfone	ND	5	5.06	ug/L	101	(70-130)	20	1.6
CCCH	Aldicarb sulfoxide		25	23.7	ug/L	95	(70-130)		
CCCM	Aldicarb sulfoxide		10	9.58	ug/L	96	(70-130)		
LCS	Aldicarb sulfoxide		5	4.55	ug/L	91	(70-130)		
MBLK	Aldicarb sulfoxide			<0.167	ug/L				
MRL_CHK	Aldicarb sulfoxide		0.5	0.462	ug/L	92	(50-150)		
MS1_202012170061	Aldicarb sulfoxide	ND	5	5.10	ug/L	102	(70-130)		
MSD1_202012170061	Aldicarb sulfoxide	ND	5	5.07	ug/L	101	(70-130)	20	0.57
CCCH	Baygon		25	24.4	ug/L	98	(70-130)		
CCCM	Baygon		10	9.98	ug/L	100	(70-130)		
LCS	Baygon		5	5.00	ug/L	100	(70-130)		
MBLK	Baygon			<0.167	ug/L				
MRL_CHK	Baygon		0.5	0.550	ug/L	110	(50-150)		
MS1_202012170061	Baygon	ND	5	5.04	ug/L	101	(70-130)		
MSD1_202012170061	Baygon	ND	5	5.03	ug/L	101	(70-130)	20	0.25
CCCH	Carbaryl		25	25.0	ug/L	100	(70-130)		
CCCM	Carbaryl		10	10.2	ug/L	102	(70-130)		
LCS	Carbaryl		5	5.07	ug/L	101	(70-130)		
MBLK	Carbaryl			<0.167	ug/L				
MRL_CHK	Carbaryl		0.5	0.485	ug/L	97	(50-150)		
MS1_202012170061	Carbaryl	ND	5	5.18	ug/L	104	(70-130)		
MSD1_202012170061	Carbaryl	ND	5	5.30	ug/L	106	(70-130)	20	2.4
CCCH	Carbofuran (Furadan)		25	24.3	ug/L	97	(70-130)		
CCCM	Carbofuran (Furadan)		10	10.1	ug/L	101	(70-130)		
LCS	Carbofuran (Furadan)		5	5.07	ug/L	101	(70-130)		
MBLK	Carbofuran (Furadan)			<0.167	ug/L				
MRL_CHK	Carbofuran (Furadan)		0.5	0.530	ug/L	106	(50-150)		
MS1_202012170061	Carbofuran (Furadan)	ND	5	5.14	ug/L	103	(70-130)		
MSD1_202012170061	Carbofuran (Furadan)	ND	5	5.18	ug/L	104	(70-130)	20	0.86
CCCH	Methiocarb		25	24.3	ug/L	97	(70-130)		
CCCM	Methiocarb		10	9.69	ug/L	97	(70-130)		
LCS	Methiocarb		5	4.87	ug/L	98	(70-130)		
MBLK	Methiocarb			<0.167	ug/L				
MRL_CHK	Methiocarb		0.5	0.441	ug/L	88	(50-150)		
MS1_202012170061	Methiocarb	ND	5	5.34	ug/L	107	(70-130)		

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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%
MSD1_202012170061	Methiocarb	ND	5	5.20	ug/L	104	(70-130)	20	2.7
CCCH	Methomyl		25	23.6	ug/L	94	(70-130)		
CCCM	Methomyl		10	9.55	ug/L	96	(70-130)		
LCS	Methomyl		5	4.67	ug/L	93	(70-130)		
MBLK	Methomyl			<0.167	ug/L				
MRL_CHK	Methomyl		0.5	0.484	ug/L	97	(50-150)		
MS1_202012170061	Methomyl	ND	5	5.02	ug/L	101	(70-130)		
MSD1_202012170061	Methomyl	ND	5	5.04	ug/L	101	(70-130)	20	0.28
CCCH	Oxamyl (Vydate)		25	24.6	ug/L	98	(70-130)		
CCCM	Oxamyl (Vydate)		10	10.0	ug/L	100	(70-130)		
LCS	Oxamyl (Vydate)		5	4.81	ug/L	96	(70-130)		
MBLK	Oxamyl (Vydate)			<0.167	ug/L				
MRL_CHK	Oxamyl (Vydate)		0.5	0.535	ug/L	107	(50-150)		
MS1_202012170061	Oxamyl (Vydate)	ND	5	5.12	ug/L	102	(70-130)		
MSD1_202012170061	Oxamyl (Vydate)	ND	5	5.03	ug/L	101	(70-130)	20	1.8

Diquat and Paraquat by EPA 549.2

Analytical Batch: 1295389

Analysis Date: 12/21/2020

CCCH	Diquat		10	10.2	ug/L	102	(80-120)		
CCCL	Diquat		0.4	0.423	ug/L	106	(50-150)		
CCCM	Diquat		4	4.10	ug/L	103	(80-120)		
LCS1	Diquat		5	4.54	ug/L	91	(70-99)		
MBLK	Diquat			<0.4	ug/L				
MRLLW	Diquat		0.4	0.421	ug/L	105	(50-150)		
MS_202012180267	Diquat	ND	5	4.84	ug/L	97	(70-130)		
MS2_202012180328	Diquat	ND	5	4.92	ug/L	98	(70-130)		
MSD_202012180267	Diquat	ND	5	4.62	ug/L	92	(70-130)	20	4.6
CCCH	Paraquat		10	9.96	ug/L	100	(80-120)		
CCCL	Paraquat		2	2.17	ug/L	108	(50-150)		
CCCM	Paraquat		4	4.15	ug/L	104	(80-120)		
LCS1	Paraquat		5	5.13	ug/L	103	(70-105)		
MBLK	Paraquat			<2	ug/L				
MRL_CHK	Paraquat		2	2.05	ug/L	103	(50-150)		
MS_202012180267	Paraquat	ND	5	5.38	ug/L	108	(70-130)		
MS2_202012180328	Paraquat	ND	5	5.36	ug/L	107	(70-130)		
MSD_202012180267	Paraquat	ND	5	5.15	ug/L	103	(70-130)	20	4.3

Volatile Organics by GCMS by EPA 524.2

Analytical Batch: 1295433

Analysis Date: 12/20/2020

Spike recovery is already corrected for native results.
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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).
 (S) - Indicates surrogate compound.
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Western Environmental Testing Laboratory

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
LCS1	1,1,1,2-Tetrachloroethane		5	5.29	ug/L	106	(70-130)		
LCS2	1,1,1,2-Tetrachloroethane		5	5.12	ug/L	102	(70-130)	20	3.3
MBLK	1,1,1,2-Tetrachloroethane			<0.5	ug/L				
MRL_CHK	1,1,1,2-Tetrachloroethane		0.5	0.610	ug/L	122	(50-150)		
LCS1	1,1,1-Trichloroethane		5	4.92	ug/L	98	(70-130)		
LCS2	1,1,1-Trichloroethane		5	4.67	ug/L	93	(70-130)	20	5.2
MBLK	1,1,1-Trichloroethane			<0.5	ug/L				
MRL_CHK	1,1,1-Trichloroethane		0.5	0.430	ug/L	86	(50-150)		
LCS1	1,1,2,2-Tetrachloroethane		5	5.58	ug/L	112	(70-130)		
LCS2	1,1,2,2-Tetrachloroethane		5	4.58	ug/L	92	(70-130)	20	20
MBLK	1,1,2,2-Tetrachloroethane			<0.5	ug/L				
MRL_CHK	1,1,2,2-Tetrachloroethane		0.5	0.340	ug/L	68	(50-150)		
LCS1	1,1,2-Trichloroethane		5	4.86	ug/L	97	(70-130)		
LCS2	1,1,2-Trichloroethane		5	4.54	ug/L	91	(70-130)	20	6.8
MBLK	1,1,2-Trichloroethane			<0.5	ug/L				
MRL_CHK	1,1,2-Trichloroethane		0.5	0.430	ug/L	86	(50-150)		
LCS1	1,1-Dichloroethane		5	4.72	ug/L	94	(70-130)		
LCS2	1,1-Dichloroethane		5	4.72	ug/L	94	(70-130)	20	0.0
MBLK	1,1-Dichloroethane			<0.5	ug/L				
MRL_CHK	1,1-Dichloroethane		0.5	0.490	ug/L	98	(50-150)		
LCS1	1,1-Dichloroethylene		5	4.61	ug/L	92	(70-130)		
LCS2	1,1-Dichloroethylene		5	4.69	ug/L	94	(70-130)	20	1.7
MBLK	1,1-Dichloroethylene			<0.5	ug/L				
MRL_CHK	1,1-Dichloroethylene		0.5	0.530	ug/L	106	(50-150)		
LCS1	1,1-Dichloropropene		5	4.51	ug/L	90	(70-130)		
LCS2	1,1-Dichloropropene		5	4.52	ug/L	90	(70-130)	20	0.22
MBLK	1,1-Dichloropropene			<0.5	ug/L				
MRL_CHK	1,1-Dichloropropene		0.5	0.480	ug/L	96	(50-150)		
LCS1	1,2,3-Trichlorobenzene		5	5.11	ug/L	102	(70-130)		
LCS2	1,2,3-Trichlorobenzene		5	4.74	ug/L	95	(70-130)	20	7.5
MBLK	1,2,3-Trichlorobenzene			<0.5	ug/L				
MRL_CHK	1,2,3-Trichlorobenzene		0.5	0.580	ug/L	116	(50-150)		
LCS1	1,2,3-Trichloropropane		5	4.99	ug/L	100	(70-130)		
LCS2	1,2,3-Trichloropropane		5	4.75	ug/L	95	(70-130)	20	4.9
MBLK	1,2,3-Trichloropropane			<0.5	ug/L				
MRL_CHK	1,2,3-Trichloropropane		0.5	0.470	ug/L	94	(50-150)		
LCS1	1,2,4-Trichlorobenzene		5	5.09	ug/L	102	(70-130)		
LCS2	1,2,4-Trichlorobenzene		5	4.88	ug/L	98	(70-130)	20	4.2

Spike recovery is already corrected for native results.

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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	1,2,4-Trichlorobenzene			<0.5	ug/L				
MRL_CHK	1,2,4-Trichlorobenzene		0.5	0.590	ug/L	118	(50-150)		
LCS1	1,2,4-Trimethylbenzene		5	4.94	ug/L	99	(70-130)		
LCS2	1,2,4-Trimethylbenzene		5	4.83	ug/L	97	(70-130)	20	2.3
MBLK	1,2,4-Trimethylbenzene			<0.5	ug/L				
MRL_CHK	1,2,4-Trimethylbenzene		0.5	0.480	ug/L	96	(50-150)		
LCS1	1,2-Dichloroethane		5	4.75	ug/L	95	(70-130)		
LCS2	1,2-Dichloroethane		5	4.57	ug/L	91	(70-130)	20	3.9
MBLK	1,2-Dichloroethane			<0.5	ug/L				
MRL_CHK	1,2-Dichloroethane		0.5	0.540	ug/L	108	(50-150)		
LCS1	1,2-Dichloroethane-d4 (S)		5	102	%	102	(70-130)		
LCS2	1,2-Dichloroethane-d4 (S)		5	98.6	%	99	(70-130)		
MBLK	1,2-Dichloroethane-d4 (S)			99.6	%	100	(70-130)		
MRL_CHK	1,2-Dichloroethane-d4 (S)		5	105	%	105	(70-130)		
MRL_LW	1,2-Dichloroethane-d4 (S)		5	105	%	105	(70-130)		
LCS1	1,2-Dichloropropane		5	4.78	ug/L	96	(70-130)		
LCS2	1,2-Dichloropropane		5	4.72	ug/L	94	(70-130)	20	1.3
MBLK	1,2-Dichloropropane			<0.5	ug/L				
MRL_CHK	1,2-Dichloropropane		0.5	0.490	ug/L	98	(50-150)		
LCS1	1,3,5-Trimethylbenzene		5	4.88	ug/L	98	(70-130)		
LCS2	1,3,5-Trimethylbenzene		5	4.71	ug/L	94	(70-130)	20	3.5
MBLK	1,3,5-Trimethylbenzene			<0.5	ug/L				
MRL_CHK	1,3,5-Trimethylbenzene		0.5	0.420	ug/L	84	(50-150)		
LCS1	1,3-Dichloropropane		5	4.68	ug/L	94	(70-130)		
LCS2	1,3-Dichloropropane		5	4.56	ug/L	91	(70-130)	20	2.6
MBLK	1,3-Dichloropropane			<0.5	ug/L				
MRL_CHK	1,3-Dichloropropane		0.5	0.470	ug/L	94	(50-150)		
LCS1	2,2-Dichloropropane		5	5.23	ug/L	105	(70-130)		
LCS2	2,2-Dichloropropane		5	4.86	ug/L	97	(70-130)	20	7.3
MBLK	2,2-Dichloropropane			<0.5	ug/L				
MRL_CHK	2,2-Dichloropropane		0.5	0.450	ug/L	90	(50-150)		
LCS1	2-Butanone (MEK)		50	47.2	ug/L	94	(70-130)		
LCS2	2-Butanone (MEK)		50	42.2	ug/L	84	(70-130)	20	11
MBLK	2-Butanone (MEK)			<5.0	ug/L				
MRL_CHK	2-Butanone (MEK)		5	5.19	ug/L	104	(50-150)		
LCS1	4-Bromofluorobenzene (S)		5	103	%	103	(70-130)		
LCS2	4-Bromofluorobenzene (S)		5	99.2	%	99	(70-130)		
MBLK	4-Bromofluorobenzene (S)			101	%	101	(70-130)		

Spike recovery is already corrected for native results.

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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	4-Bromofluorobenzene (S)		5	100	%	100	(70-130)		
MRLW	4-Bromofluorobenzene (S)		5	98.8	%	99	(70-130)		
LCS1	4-Methyl-2-Pentanone (MIBK)		50	48.0	ug/L	96	(70-130)		
LCS2	4-Methyl-2-Pentanone (MIBK)		50	46.3	ug/L	93	(70-130)	20	3.6
MBLK	4-Methyl-2-Pentanone (MIBK)			<5.0	ug/L				
MRL_CHK	4-Methyl-2-Pentanone (MIBK)		5	4.66	ug/L	93	(50-150)		
LCS1	Benzene		5	4.86	ug/L	97	(70-130)		
LCS2	Benzene		5	4.71	ug/L	94	(70-130)	20	3.1
MBLK	Benzene			<0.5	ug/L				
MRL_CHK	Benzene		0.5	0.470	ug/L	94	(50-150)		
LCS1	Bromobenzene		5	4.88	ug/L	98	(70-130)		
LCS2	Bromobenzene		5	4.71	ug/L	94	(70-130)	20	3.5
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	4.34	ug/L	87	(70-130)	20	11
MBLK	Bromochloromethane			<0.5	ug/L				
MRL_CHK	Bromochloromethane		0.5	0.460	ug/L	92	(50-150)		
LCS1	Bromodichloromethane		5	4.50	ug/L	90	(70-130)		
LCS2	Bromodichloromethane		5	4.41	ug/L	88	(70-130)	20	2.0
MBLK	Bromodichloromethane			<0.5	ug/L				
MRL_CHK	Bromodichloromethane		0.5	0.420	ug/L	84	(50-150)		
LCS1	Bromoethane		5	4.76	ug/L	95	(70-130)		
LCS2	Bromoethane		5	4.69	ug/L	94	(70-130)	20	1.5
MBLK	Bromoethane			<0.5	ug/L				
MRL_CHK	Bromoethane		0.5	0.460	ug/L	92	(50-150)		
LCS1	Bromoform		5	4.68	ug/L	94	(70-130)		
LCS2	Bromoform		5	4.68	ug/L	94	(70-130)	20	0.0
MBLK	Bromoform			<0.5	ug/L				
MRL_CHK	Bromoform		0.5	0.480	ug/L	96	(50-150)		
LCS1	Bromomethane (Methyl Bromide)		5	5.11	ug/L	102	(70-130)		
LCS2	Bromomethane (Methyl Bromide)		5	5.46	ug/L	109	(70-130)	20	6.6
MBLK	Bromomethane (Methyl Bromide)			<0.5	ug/L				
MRL_CHK	Bromomethane (Methyl Bromide)		0.5	0.580	ug/L	116	(50-150)		
LCS1	Carbon disulfide		5	4.39	ug/L	88	(70-130)		
LCS2	Carbon disulfide		5	4.40	ug/L	88	(70-130)	20	0.23
MBLK	Carbon disulfide			<0.5	ug/L				
MRL_CHK	Carbon disulfide		0.5	0.420	ug/L	84	(50-150)		

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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%
LCS1	Carbon Tetrachloride		5	4.89	ug/L	98	(70-130)		
LCS2	Carbon Tetrachloride		5	4.73	ug/L	95	(70-130)	20	3.3
MBLK	Carbon Tetrachloride			<0.5	ug/L				
MRL_CHK	Carbon Tetrachloride		0.5	0.600	ug/L	120	(50-150)		
LCS1	Chlorobenzene		5	4.61	ug/L	92	(70-130)		
LCS2	Chlorobenzene		5	4.60	ug/L	92	(70-130)	20	0.22
MBLK	Chlorobenzene			<0.5	ug/L				
MRL_CHK	Chlorobenzene		0.5	0.470	ug/L	94	(50-150)		
LCS1	Chlorodibromomethane		5	4.87	ug/L	97	(70-130)		
LCS2	Chlorodibromomethane		5	4.85	ug/L	97	(70-130)	20	0.41
MBLK	Chlorodibromomethane			<0.5	ug/L				
MRL_CHK	Chlorodibromomethane		0.5	0.400	ug/L	80	(50-150)		
LCS1	Chloroethane		5	4.84	ug/L	97	(70-130)		
LCS2	Chloroethane		5	5.13	ug/L	103	(70-130)	20	5.8
MBLK	Chloroethane			<0.5	ug/L				
MRL_CHK	Chloroethane		0.5	0.630	ug/L	126	(50-150)		
LCS1	Chloroform (Trichloromethane)		5	4.49	ug/L	90	(70-130)		
LCS2	Chloroform (Trichloromethane)		5	4.53	ug/L	91	(70-130)	20	0.89
MBLK	Chloroform (Trichloromethane)			<0.5	ug/L				
MRL_CHK	Chloroform (Trichloromethane)		0.5	0.480	ug/L	96	(50-150)		
LCS1	Chloromethane(Methyl Chloride)		5	4.75	ug/L	95	(70-130)		
LCS2	Chloromethane(Methyl Chloride)		5	4.94	ug/L	99	(70-130)	20	3.9
MBLK	Chloromethane(Methyl Chloride)			<0.5	ug/L				
MRL_CHK	Chloromethane(Methyl Chloride)		0.5	0.590	ug/L	118	(50-150)		
LCS1	cis-1,2-Dichloroethylene		5	4.91	ug/L	98	(70-130)		
LCS2	cis-1,2-Dichloroethylene		5	4.77	ug/L	95	(70-130)	20	2.9
MBLK	cis-1,2-Dichloroethylene			<0.5	ug/L				
MRL_CHK	cis-1,2-Dichloroethylene		0.5	0.500	ug/L	100	(50-150)		
LCS1	cis-1,3-Dichloropropene		5	4.78	ug/L	96	(70-130)		
LCS2	cis-1,3-Dichloropropene		5	4.64	ug/L	93	(70-130)	20	3.0
MBLK	cis-1,3-Dichloropropene			<0.5	ug/L				
MRL_CHK	cis-1,3-Dichloropropene		0.5	0.530	ug/L	106	(50-150)		
LCS1	Dibromomethane		5	4.54	ug/L	91	(70-130)		
LCS2	Dibromomethane		5	4.56	ug/L	91	(70-130)	20	0.44
MBLK	Dibromomethane			<0.5	ug/L				
MRL_CHK	Dibromomethane		0.5	0.470	ug/L	94	(50-150)		
LCS1	Dichlorodifluoromethane		5	5.59	ug/L	112	(70-130)		
LCS2	Dichlorodifluoromethane		5	5.62	ug/L	112	(70-130)	20	0.54

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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Report: 909445
 Project: COMPLIANCE-LAS_VEGAS
 Group: Phase 2 & 5 SOC's

Western Environmental Testing Laboratory

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MBLK	Dichlorodifluoromethane			<0.5	ug/L				
MRL_CHK	Dichlorodifluoromethane		0.5	0.490	ug/L	98	(50-150)		
LCS1	Dichloromethane		5	4.73	ug/L	95	(70-130)		
LCS2	Dichloromethane		5	4.84	ug/L	97	(70-130)	20	2.3
MBLK	Dichloromethane			<0.5	ug/L				
MRL_CHK	Dichloromethane		0.5	0.560	ug/L	112	(50-150)		
LCS1	Di-isopropyl ether		5	4.96	ug/L	99	(70-130)		
LCS2	Di-isopropyl ether		5	4.87	ug/L	97	(70-130)	20	1.8
MBLK	Di-isopropyl ether			<3.0	ug/L				
MRL_CHK	Di-isopropyl ether		0.5	0.480	ug/L	96	(50-150)		
LCS1	Ethyl benzene		5	4.78	ug/L	96	(70-130)		
LCS2	Ethyl benzene		5	4.64	ug/L	93	(70-130)	20	3.0
MBLK	Ethyl benzene			<0.5	ug/L				
MRL_CHK	Ethyl benzene		0.5	0.450	ug/L	90	(50-150)		
LCS1	Hexachlorobutadiene		5	5.27	ug/L	105	(70-130)		
LCS2	Hexachlorobutadiene		5	5.25	ug/L	105	(70-130)	20	0.38
MBLK	Hexachlorobutadiene			<0.5	ug/L				
MRL_CHK	Hexachlorobutadiene		0.5	0.620	ug/L	124	(50-150)		
LCS1	Isopropylbenzene		5	5.15	ug/L	103	(70-130)		
LCS2	Isopropylbenzene		5	4.96	ug/L	99	(70-130)	20	3.8
MBLK	Isopropylbenzene			<0.5	ug/L				
MRL_CHK	Isopropylbenzene		0.5	0.450	ug/L	90	(50-150)		
LCS1	m,p-Xylenes		10	8.98	ug/L	90	(70-130)		
LCS2	m,p-Xylenes		10	8.98	ug/L	90	(70-130)	20	0.0
MBLK	m,p-Xylenes			<0.5	ug/L				
MRL_CHK	m,p-Xylenes		1	0.860	ug/L	86	(50-150)		
MRLLW	m,p-Xylenes		0.5	0.420	ug/L	84	(50-150)		
LCS1	m-Dichlorobenzene (1,3-DCB)		5	4.79	ug/L	96	(70-130)		
LCS2	m-Dichlorobenzene (1,3-DCB)		5	4.65	ug/L	93	(70-130)	20	3.0
MBLK	m-Dichlorobenzene (1,3-DCB)			<0.5	ug/L				
MRL_CHK	m-Dichlorobenzene (1,3-DCB)		0.5	0.440	ug/L	88	(50-150)		
LCS1	Methyl Tert-butyl ether (MTBE)		5	5.07	ug/L	101	(70-130)		
LCS2	Methyl Tert-butyl ether (MTBE)		5	4.87	ug/L	97	(70-130)	20	4.0
MBLK	Methyl Tert-butyl ether (MTBE)			<0.5	ug/L				
MRL_CHK	Methyl Tert-butyl ether (MTBE)		0.5	0.510	ug/L	102	(50-150)		
LCS1	Naphthalene		5	4.90	ug/L	98	(70-130)		
LCS2	Naphthalene		5	4.68	ug/L	94	(70-130)	20	4.6
MBLK	Naphthalene			<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).

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Report: 909445
 Project: COMPLIANCE-LAS_VEGAS
 Group: Phase 2 & 5 SOC's

Western Environmental Testing Laboratory

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MRL_CHK	Naphthalene		0.5	0.640	ug/L	128	(50-150)		
LCS1	n-Butylbenzene		5	4.86	ug/L	97	(70-130)		
LCS2	n-Butylbenzene		5	4.84	ug/L	97	(70-130)	20	0.41
MBLK	n-Butylbenzene			<0.5	ug/L				
MRL_CHK	n-Butylbenzene		0.5	0.500	ug/L	100	(50-150)		
LCS1	n-Propylbenzene		5	5.25	ug/L	105	(70-130)		
LCS2	n-Propylbenzene		5	4.99	ug/L	100	(70-130)	20	5.1
MBLK	n-Propylbenzene			<0.5	ug/L				
MRL_CHK	n-Propylbenzene		0.5	0.470	ug/L	94	(50-150)		
LCS1	o-Chlorotoluene		5	4.87	ug/L	97	(70-130)		
LCS2	o-Chlorotoluene		5	4.67	ug/L	93	(70-130)	20	4.2
MBLK	o-Chlorotoluene			<0.5	ug/L				
MRL_CHK	o-Chlorotoluene		0.5	0.470	ug/L	94	(50-150)		
LCS1	o-Dichlorobenzene (1,2-DCB)		5	4.87	ug/L	97	(70-130)		
LCS2	o-Dichlorobenzene (1,2-DCB)		5	4.67	ug/L	93	(70-130)	20	4.2
MBLK	o-Dichlorobenzene (1,2-DCB)			<0.5	ug/L				
MRL_CHK	o-Dichlorobenzene (1,2-DCB)		0.5	0.520	ug/L	104	(50-150)		
LCS1	o-Xylene		5	4.57	ug/L	91	(70-130)		
LCS2	o-Xylene		5	4.55	ug/L	91	(70-130)	20	0.44
MBLK	o-Xylene			<0.5	ug/L				
MRL_CHK	o-Xylene		0.5	0.390	ug/L	78	(50-150)		
LCS1	p-Chlorotoluene		5	4.55	ug/L	91	(70-130)		
LCS2	p-Chlorotoluene		5	4.62	ug/L	92	(70-130)	20	1.5
MBLK	p-Chlorotoluene			<0.5	ug/L				
MRL_CHK	p-Chlorotoluene		0.5	0.450	ug/L	90	(50-150)		
LCS1	p-Dichlorobenzene (1,4-DCB)		5	4.74	ug/L	95	(70-130)		
LCS2	p-Dichlorobenzene (1,4-DCB)		5	4.57	ug/L	91	(70-130)	20	3.6
MBLK	p-Dichlorobenzene (1,4-DCB)			<0.5	ug/L				
MRL_CHK	p-Dichlorobenzene (1,4-DCB)		0.5	0.460	ug/L	92	(50-150)		
LCS1	p-Isopropyltoluene		5	5.15	ug/L	103	(70-130)		
LCS2	p-Isopropyltoluene		5	4.84	ug/L	97	(70-130)	20	6.2
MBLK	p-Isopropyltoluene			<0.5	ug/L				
MRL_CHK	p-Isopropyltoluene		0.5	0.420	ug/L	84	(50-150)		
LCS1	sec-Butylbenzene		5	5.83	ug/L	117	(70-130)		
LCS2	sec-Butylbenzene		5	5.59	ug/L	112	(70-130)	20	4.2
MBLK	sec-Butylbenzene			<0.5	ug/L				
MRL_CHK	sec-Butylbenzene		0.5	0.480	ug/L	96	(50-150)		
LCS1	Styrene		5	4.75	ug/L	95	(70-130)		

Spike recovery is already corrected for native results.

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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).

(S) - Indicates surrogate compound.

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Report: 909445
 Project: COMPLIANCE-LAS_VEGAS
 Group: Phase 2 & 5 SOC's

Western Environmental Testing Laboratory

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
LCS2	Styrene		5	4.57	ug/L	91	(70-130)	20	3.9
MBLK	Styrene			<0.5	ug/L				
MRL_CHK	Styrene		0.5	0.420	ug/L	84	(50-150)		
LCS1	tert-amyl Methyl Ether		5	4.83	ug/L	97	(70-130)		
LCS2	tert-amyl Methyl Ether		5	4.66	ug/L	93	(70-130)	20	3.6
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	5.05	ug/L	101	(70-130)		
LCS2	tert-Butyl Ethyl Ether		5	4.96	ug/L	99	(70-130)	20	1.8
MBLK	tert-Butyl Ethyl Ether			<3.0	ug/L				
MRL_CHK	tert-Butyl Ethyl Ether		0.5	0.490	ug/L	98	(50-150)		
LCS1	tert-Butylbenzene		5	4.76	ug/L	95	(70-130)		
LCS2	tert-Butylbenzene		5	4.60	ug/L	92	(70-130)	20	3.4
MBLK	tert-Butylbenzene			<0.5	ug/L				
MRL_CHK	tert-Butylbenzene		0.5	0.430	ug/L	86	(50-150)		
LCS1	Tetrachloroethylene (PCE)		5	4.55	ug/L	91	(70-130)		
LCS2	Tetrachloroethylene (PCE)		5	4.54	ug/L	91	(70-130)	20	0.22
MBLK	Tetrachloroethylene (PCE)			<0.5	ug/L				
MRL_CHK	Tetrachloroethylene (PCE)		0.5	0.460	ug/L	92	(50-150)		
LCS1	Toluene		5	4.79	ug/L	96	(70-130)		
LCS2	Toluene		5	4.69	ug/L	94	(70-130)	20	2.1
MBLK	Toluene			<0.5	ug/L				
MRL_CHK	Toluene		0.5	0.510	ug/L	102	(50-150)		
LCS1	Toluene-d8 (S)		5	97.6	%	98	(70-130)		
LCS2	Toluene-d8 (S)		5	97.2	%	97	(70-130)		
MBLK	Toluene-d8 (S)			99.4	%	99	(70-130)		
MRL_CHK	Toluene-d8 (S)		5	97.0	%	97	(70-130)		
MRLLLW	Toluene-d8 (S)		5	96.0	%	96	(70-130)		
LCS1	trans-1,2-Dichloroethylene		5	4.75	ug/L	95	(70-130)		
LCS2	trans-1,2-Dichloroethylene		5	4.89	ug/L	98	(70-130)	20	2.9
MBLK	trans-1,2-Dichloroethylene			<0.5	ug/L				
MRL_CHK	trans-1,2-Dichloroethylene		0.5	0.550	ug/L	110	(50-150)		
LCS1	trans-1,3-Dichloropropene		5	4.68	ug/L	94	(70-130)		
LCS2	trans-1,3-Dichloropropene		5	4.51	ug/L	90	(70-130)	20	3.7
MBLK	trans-1,3-Dichloropropene			<0.5	ug/L				
MRL_CHK	trans-1,3-Dichloropropene		0.5	0.540	ug/L	108	(50-150)		
LCS1	Trichloroethylene (TCE)		5	4.65	ug/L	93	(70-130)		
LCS2	Trichloroethylene (TCE)		5	4.87	ug/L	97	(70-130)	20	4.6

Spike recovery is already corrected for native results.

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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	Trichloroethylene (TCE)			<0.5	ug/L				
MRL_CHK	Trichloroethylene (TCE)		0.5	0.560	ug/L	112	(50-150)		
LCS1	Trichlorofluoromethane		5	4.68	ug/L	94	(70-130)		
LCS2	Trichlorofluoromethane		5	4.95	ug/L	99	(70-130)	20	5.6
MBLK	Trichlorofluoromethane			<0.5	ug/L				
MRL_CHK	Trichlorofluoromethane		0.5	0.460	ug/L	92	(50-150)		
LCS1	Trichlorotrifluoroethane(Freon)		5	4.66	ug/L	93	(70-130)		
LCS2	Trichlorotrifluoroethane(Freon)		5	4.74	ug/L	95	(70-130)	20	1.7
MBLK	Trichlorotrifluoroethane(Freon)			<0.5	ug/L				
MRL_CHK	Trichlorotrifluoroethane(Freon)		0.5	0.510	ug/L	102	(50-150)		
LCS1	Vinyl chloride (VC)		5	4.65	ug/L	93	(70-130)		
LCS2	Vinyl chloride (VC)		5	4.77	ug/L	95	(70-130)	20	2.5
MBLK	Vinyl chloride (VC)			<0.3	ug/L				
MRL_CHK	Vinyl chloride (VC)		0.5	0.470	ug/L	94	(50-150)		
MRLW	Vinyl chloride (VC)		0.25	0.250	ug/L	100	(50-150)		

EDB/DBCP/HAN by EPA 551.1 by EPA 551.1

Analytical Batch: 1295491

Analysis Date: 12/21/2020

CCC3	1,2-Dibromopropane (S)			106	%	106	(80-120)		
CCCM2	1,2-Dibromopropane (S)			102	%	102	(80-120)		
DUP1_202012160366	1,2-Dibromopropane (S)			99.2	%	99	(80-120)		
DUP2_202012180350	1,2-Dibromopropane (S)			102	%	102	(80-120)		
LCS2	1,2-Dibromopropane (S)		100	97.4	%	97	(80-120)		
MBLK	1,2-Dibromopropane (S)			98.6	%	99	(80-120)		
MRL_CHK	1,2-Dibromopropane (S)		100	99.4	%	99	(80-120)		
MS_202012180350	1,2-Dibromopropane (S)			97.9	%	98	(80-120)		
MS2_202012160200	1,2-Dibromopropane (S)		100	96.2	%	96	(80-120)		
CCC3	Dibromochloropropane (DBCP)		0.25	0.254	ug/L	102	(80-120)		
CCCM2	Dibromochloropropane (DBCP)		0.05	0.0516	ug/L	103	(80-120)		
DUP1_202012160366	Dibromochloropropane (DBCP)	ND		0	ug/L		(0-20)		
DUP2_202012180350	Dibromochloropropane (DBCP)	ND		0	ug/L		(0-20)		
LCS2	Dibromochloropropane (DBCP)		0.25	0.259	ug/L	104	(80-120)		
MBLK	Dibromochloropropane (DBCP)			<0.01	ug/L				
MRL_CHK	Dibromochloropropane (DBCP)		0.01	0.00640	ug/L	64	(50-150)		
MS_202012180350	Dibromochloropropane (DBCP)	ND	0.25	0.246	ug/L	99	(80-120)		
MS2_202012160200	Dibromochloropropane (DBCP)	ND	0.05	0.0483	ug/L	97	(80-120)		
CCC3	Ethylene Dibromide (EDB)		0.25	0.245	ug/L	98	(80-120)		
CCCM2	Ethylene Dibromide (EDB)		0.05	0.0487	ug/L	97	(80-120)		

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).

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
DUP1_202012160366	Ethylene Dibromide (EDB)	ND		0	ug/L		(0-20)		
DUP2_202012180350	Ethylene Dibromide (EDB)	ND		0	ug/L		(0-20)		
LCS2	Ethylene Dibromide (EDB)		0.25	0.252	ug/L	101	(80-120)		
MBLK	Ethylene Dibromide (EDB)			<0.01	ug/L				
MRL_CHK	Ethylene Dibromide (EDB)		0.01	0.00900	ug/L	90	(50-150)		
MS_202012180350	Ethylene Dibromide (EDB)	ND	0.25	0.254	ug/L	101	(80-120)		
MS2_202012160200	Ethylene Dibromide (EDB)	ND	0.05	0.0261	ug/L	<u>52</u>	(80-120)		

Endothall by EPA 548.1

Prep Batch: 1295420 Analytical Batch: 1295695

Analysis Date: 12/23/2020

LCS1	Endothall		25	19.5	ug/L	78	(66-117)		
LCS2	Endothall		25	21.5	ug/L	86	(66-117)	30	9.8
MBLK	Endothall			<5	ug/L				
MRL_CHK	Endothall		5	5.41	ug/L	108	(50-150)		
MS_202012180246	Endothall	ND	37.5	6.44	ug/L	<u>17</u>	(66-117)		
MS_2ND_20201218026	Endothall	ND	25	20.4	ug/L	82	(66-117)		
MSD_202012180246	Endothall	ND	37.5	6.14	ug/L	<u>16</u>	(66-117)	30	4.8

Organochlorine Pesticides/PCBs by EPA 505

Prep Batch: 1295458 Analytical Batch: 1295772

Analysis Date: 12/21/2020

CCCH	Alachlor (Alanex)		1	0.988	ug/L	99	(70-130)		
CCCH	Alachlor (Alanex)		1	0.966	ug/L	97	(70-130)		
LCS1	Alachlor (Alanex)		1	1.10	ug/L	110	(70-130)		
MBLK	Alachlor (Alanex)			<0.1	ug/L				
MRL_CHK	Alachlor (Alanex)		0.1	0.120	ug/L	120	(50-150)		
MS1_202012180248	Alachlor (Alanex)	ND	0.2	0.226	ug/L	113	(65-135)		
MS2_202012160433	Alachlor (Alanex)	ND	1	0.922	ug/L	92	(65-135)		
CCCH	Aldrin		0.1	0.106	ug/L	106	(70-130)		
CCCH	Aldrin		0.1	0.106	ug/L	106	(70-130)		
LCS1	Aldrin		0.1	0.0866	ug/L	87	(70-130)		
MBLK	Aldrin			<0.01	ug/L				
MRL_CHK	Aldrin		0.01	0.0116	ug/L	116	(50-150)		
MS1_202012180248	Aldrin	ND	0.02	0.0166	ug/L	83	(65-135)		
MS2_202012160433	Aldrin	ND	0.1	0.0951	ug/L	95	(65-135)		
MBLK	Chlordane			<0.1	ug/L				
CCCH	Dieldrin		0.1	0.104	ug/L	104	(70-130)		
CCCH	Dieldrin		0.1	0.101	ug/L	101	(70-130)		
LCS1	Dieldrin		0.1	0.0994	ug/L	99	(70-130)		
MBLK	Dieldrin			<0.01	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).

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Report: 909445
 Project: COMPLIANCE-LAS_VEGAS
 Group: Phase 2 & 5 SOC's

Western Environmental Testing Laboratory

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MRL_CHK	Dieldrin		0.01	0.0106	ug/L	106	(50-150)		
MS1_202012180248	Dieldrin	ND	0.02	0.0181	ug/L	91	(65-135)		
MS2_202012160433	Dieldrin	ND	0.1	0.0923	ug/L	92	(65-135)		
CCCH	Endrin		0.1	0.102	ug/L	101	(70-130)		
CCCH	Endrin		0.1	0.100	ug/L	100	(70-130)		
LCS1	Endrin		0.1	0.102	ug/L	102	(70-130)		
MBLK	Endrin			<0.01	ug/L				
MRL_CHK	Endrin		0.01	0.0101	ug/L	101	(50-150)		
MS1_202012180248	Endrin	ND	0.02	0.0192	ug/L	96	(65-135)		
MS2_202012160433	Endrin	ND	0.1	0.0926	ug/L	93	(65-135)		
CCCH	Heptachlor		0.1	0.104	ug/L	104	(70-130)		
CCCH	Heptachlor		0.1	0.106	ug/L	106	(70-130)		
LCS1	Heptachlor		0.1	0.0955	ug/L	96	(70-130)		
MBLK	Heptachlor			<0.01	ug/L				
MRL_CHK	Heptachlor		0.01	0.0120	ug/L	120	(50-150)		
MS1_202012180248	Heptachlor	ND	0.02	0.0172	ug/L	84	(65-135)		
MS2_202012160433	Heptachlor	ND	0.1	0.0961	ug/L	96	(65-135)		
CCCH	Heptachlor Epoxide		0.1	0.102	ug/L	102	(70-130)		
CCCH	Heptachlor Epoxide		0.1	0.102	ug/L	102	(70-130)		
LCS1	Heptachlor Epoxide		0.1	0.0986	ug/L	99	(70-130)		
MBLK	Heptachlor Epoxide			<0.01	ug/L				
MRL_CHK	Heptachlor Epoxide		0.01	0.0106	ug/L	106	(50-150)		
MS1_202012180248	Heptachlor Epoxide	ND	0.02	0.0191	ug/L	96	(65-135)		
MS2_202012160433	Heptachlor Epoxide	ND	0.1	0.0934	ug/L	93	(65-135)		
CCCH	Lindane (gamma-BHC)		0.1	0.104	ug/L	104	(70-130)		
CCCH	Lindane (gamma-BHC)		0.1	0.104	ug/L	104	(70-130)		
LCS1	Lindane (gamma-BHC)		0.1	0.105	ug/L	105	(70-130)		
MBLK	Lindane (gamma-BHC)			<0.01	ug/L				
MRL_CHK	Lindane (gamma-BHC)		0.01	0.0123	ug/L	123	(50-150)		
MS1_202012180248	Lindane (gamma-BHC)	ND	0.02	0.0237	ug/L	118	(65-135)		
MS2_202012160433	Lindane (gamma-BHC)	ND	0.1	0.0968	ug/L	97	(65-135)		
CCCH	Methoxychlor		0.5	0.497	ug/L	99	(70-130)		
CCCH	Methoxychlor		0.5	0.487	ug/L	98	(70-130)		
LCS1	Methoxychlor		0.5	0.556	ug/L	111	(70-130)		
MBLK	Methoxychlor			<0.05	ug/L				
MRL_CHK	Methoxychlor		0.05	0.0646	ug/L	129	(50-150)		
MS1_202012180248	Methoxychlor	ND	0.1	0.101	ug/L	100	(65-135)		
MS2_202012160433	Methoxychlor	ND	0.5	0.500	ug/L	97	(65-135)		

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Western Environmental Testing Laboratory

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MBLK	PCB 1016 Aroclor			<0.08	ug/L				
MBLK	PCB 1221 Aroclor			<0.1	ug/L				
MBLK	PCB 1232 Aroclor			<0.1	ug/L				
MBLK	PCB 1242 Aroclor			<0.1	ug/L				
MBLK	PCB 1248 Aroclor			<0.1	ug/L				
MBLK	PCB 1254 Aroclor			<0.1	ug/L				
MBLK	PCB 1260 Aroclor			<0.1	ug/L				
CCCH	Tetrachlorometaxylene (S)			104	%	104	(70-130)		
CCCH	Tetrachlorometaxylene (S)			103	%	103	(70-130)		
LCS1	Tetrachlorometaxylene (S)			114	%	114	(70-130)		
MBLK	Tetrachlorometaxylene (S)			122	%	122	(70-130)		
MRL_CHK	Tetrachlorometaxylene (S)			110	%	110	(70-130)		
MS1_202012180248	Tetrachlorometaxylene (S)			84.9	%	85	(70-130)		
MS2_202012160433	Tetrachlorometaxylene (S)			95.1	%	95	(70-130)		
CCCH	Toxaphene		2.5	2.38	ug/L	95	(70-130)		
LCS1	Toxaphene		2.5	2.60	ug/L	104	(70-130)		
MBLK	Toxaphene			<0.5	ug/L				
MRL_CHK	Toxaphene		0.5	0.498	ug/L	100	(50-150)		
MS1_202012180248	Toxaphene	ND	2.5	1.78	ug/L	71	(65-135)		
MS2_202012160433	Toxaphene	ND	2.5	2.32	ug/L	93	(65-135)		

Semivolatiles by GCMS by EPA 525.2

Prep Batch: 1295677 Analytical Batch: 1296359

Analysis Date: 12/23/2020

DUP_202012180435	1,3-Dimethyl-2-nitrobenzene (S)			93.2	%	93	(70-130)		
LCS1	1,3-Dimethyl-2-nitrobenzene (S)		5	90.2	%	90	(70-130)		
LCS2	1,3-Dimethyl-2-nitrobenzene (S)		5	94.8	%	95	(70-130)		
MBLK	1,3-Dimethyl-2-nitrobenzene (S)			94.6	%	95	(70-130)		
MRL_CHK	1,3-Dimethyl-2-nitrobenzene (S)		5	95.2	%	95	(70-130)		
MS_202012170600	1,3-Dimethyl-2-nitrobenzene (S)		5	91.8	%	92	(70-130)		
DUP_202012180435	2,4-Dinitrotoluene	ND		ND	ug/L		(0-20)		
LCS1	2,4-Dinitrotoluene		2	2.69	ug/L	<u>135</u>	(70-130)		
LCS2	2,4-Dinitrotoluene		2	2.55	ug/L	127	(70-130)	20	5.3
MBLK	2,4-Dinitrotoluene			<0.1	ug/L				
MRL_CHK	2,4-Dinitrotoluene		0.1	0.143	ug/L	143	(50-150)		
MS_202012170600	2,4-Dinitrotoluene	ND	2	2.58	ug/L	129	(70-130)		
DUP_202012180435	Acenaphthene-d10 (I)			105	%	105	(50-150)		
LCS1	Acenaphthene-d10 (I)		5	99.4	%	99	(50-150)		
LCS2	Acenaphthene-d10 (I)		5	114	%	114	(50-150)		

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

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MBLK	Acenaphthene-d10 (I)			105	%	105	(50-150)		
MRL_CHK	Acenaphthene-d10 (I)		5	106	%	106	(50-150)		
MS_202012170600	Acenaphthene-d10 (I)		5	99.7	%	100	(50-150)		
DUP_202012180435	Acenaphthylene	ND		ND	ug/L		(0-20)		
LCS1	Acenaphthylene		2	1.70	ug/L	85	(70-130)		
LCS2	Acenaphthylene		2	1.73	ug/L	87	(70-130)	20	1.8
MBLK	Acenaphthylene			<0.1	ug/L				
MRL_CHK	Acenaphthylene		0.1	0.0680	ug/L	68	(50-150)		
MS_202012170600	Acenaphthylene	ND	2	1.66	ug/L	83	(70-130)		
DUP_202012180435	Alachlor	ND		ND	ug/L		(0-20)		
LCS1	Alachlor		2	1.96	ug/L	98	(70-130)		
LCS2	Alachlor		2	1.91	ug/L	96	(70-130)	20	2.6
MBLK	Alachlor			<0.05	ug/L				
MRL_CHK	Alachlor		0.05	0.0440	ug/L	88	(50-150)		
MS_202012170600	Alachlor	ND	2	1.78	ug/L	89	(70-130)		
DUP_202012180435	alpha-Chlordane	ND		ND	ug/L		(0-20)		
LCS1	alpha-Chlordane		2	2.26	ug/L	113	(70-130)		
LCS2	alpha-Chlordane		2	2.24	ug/L	112	(70-130)	20	0.89
MBLK	alpha-Chlordane			<0.05	ug/L				
MRL_CHK	alpha-Chlordane		0.05	0.0430	ug/L	86	(50-150)		
MS_202012170600	alpha-Chlordane	ND	2	2.09	ug/L	104	(70-130)		
DUP_202012180435	Anthracene	ND		ND	ug/L		(0-20)		
LCS1	Anthracene		2	1.96	ug/L	98	(70-130)		
LCS2	Anthracene		2	1.94	ug/L	97	(70-130)	20	1.0
MBLK	Anthracene			<0.02	ug/L				
MRL_CHK	Anthracene		0.02	0.0180	ug/L	90	(50-150)		
MS_202012170600	Anthracene	ND	2	1.87	ug/L	94	(70-130)		
DUP_202012180435	Atrazine	ND		ND	ug/L		(0-20)		
LCS1	Atrazine		2	2.14	ug/L	107	(70-130)		
LCS2	Atrazine		2	1.98	ug/L	99	(70-130)	20	7.8
MBLK	Atrazine			<0.05	ug/L				
MRL_CHK	Atrazine		0.05	0.0530	ug/L	106	(50-150)		
MS_202012170600	Atrazine	ND	2	1.70	ug/L	85	(70-130)		
DUP_202012180435	Benz(a)Anthracene	ND		ND	ug/L		(0-20)		
LCS1	Benz(a)Anthracene		2	2.02	ug/L	101	(70-130)		
LCS2	Benz(a)Anthracene		2	1.95	ug/L	98	(70-130)	20	3.5
MBLK	Benz(a)Anthracene			<0.05	ug/L				
MRL_CHK	Benz(a)Anthracene		0.05	0.0480	ug/L	96	(50-150)		

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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%
MS_202012170600	Benz(a)Anthracene	ND	2	1.80	ug/L	90	(70-130)		
DUP_202012180435	Benzo(a)pyrene	ND		ND	ug/L		(0-20)		
LCS1	Benzo(a)pyrene		2	1.76	ug/L	88	(70-130)		
LCS2	Benzo(a)pyrene		2	1.78	ug/L	89	(70-130)	20	1.1
MBLK	Benzo(a)pyrene			<0.02	ug/L				
MRL_CHK	Benzo(a)pyrene		0.02	0.0140	ug/L	70	(50-150)		
MS_202012170600	Benzo(a)pyrene	ND	2	1.74	ug/L	87	(70-130)		
DUP_202012180435	Benzo(b)Fluoranthene	ND		ND	ug/L		(0-20)		
LCS1	Benzo(b)Fluoranthene		2	1.81	ug/L	90	(70-130)		
LCS2	Benzo(b)Fluoranthene		2	1.85	ug/L	92	(70-130)	20	2.2
MBLK	Benzo(b)Fluoranthene			<0.02	ug/L				
MRL_CHK	Benzo(b)Fluoranthene		0.02	0.0160	ug/L	80	(50-150)		
MS_202012170600	Benzo(b)Fluoranthene	ND	2	1.74	ug/L	87	(70-130)		
DUP_202012180435	Benzo(g,h,i)Perylene	ND		ND	ug/L		(0-20)		
LCS1	Benzo(g,h,i)Perylene		2	1.61	ug/L	81	(70-130)		
LCS2	Benzo(g,h,i)Perylene		2	1.65	ug/L	83	(70-130)	20	2.5
MBLK	Benzo(g,h,i)Perylene			<0.05	ug/L				
MRL_CHK	Benzo(g,h,i)Perylene		0.05	0.0330	ug/L	66	(50-150)		
MS_202012170600	Benzo(g,h,i)Perylene	ND	2	1.53	ug/L	76	(70-130)		
DUP_202012180435	Benzo(k)Fluoranthene	ND		ND	ug/L		(0-20)		
LCS1	Benzo(k)Fluoranthene		2	1.88	ug/L	94	(70-130)		
LCS2	Benzo(k)Fluoranthene		2	1.88	ug/L	94	(70-130)	20	0.53
MBLK	Benzo(k)Fluoranthene			<0.02	ug/L				
MRL_CHK	Benzo(k)Fluoranthene		0.02	0.0170	ug/L	85	(50-150)		
MS_202012170600	Benzo(k)Fluoranthene	ND	2	1.82	ug/L	91	(70-130)		
DUP_202012180435	Bromacil	ND		ND	ug/L		(0-20)		
LCS1	Bromacil		2	2.36	ug/L	118	(70-130)		
LCS2	Bromacil		2	2.27	ug/L	114	(70-130)	20	3.9
MBLK	Bromacil			<0.2	ug/L				
MRL_CHK	Bromacil		0.1	0.121	ug/L	121	(50-150)		
MS_202012170600	Bromacil	ND	2	2.22	ug/L	111	(70-130)		
DUP_202012180435	Butachlor	ND		ND	ug/L		(0-20)		
LCS1	Butachlor		2	2.13	ug/L	106	(70-130)		
LCS2	Butachlor		2	2.08	ug/L	104	(70-130)	20	1.9
MBLK	Butachlor			<0.05	ug/L				
MRL_CHK	Butachlor		0.05	0.0490	ug/L	98	(50-150)		
MS_202012170600	Butachlor	ND	2	1.92	ug/L	96	(70-130)		
DUP_202012180435	Butylbenzylphthalate	ND		ND	ug/L		(0-20)		

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 RPD not calculated for LCS2 when different a concentration than LCS1 is used.
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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
LCS1	Butylbenzylphthalate		2	1.96	ug/L	98	(70-130)		
LCS2	Butylbenzylphthalate		2	1.89	ug/L	94	(70-130)	20	3.6
MBLK	Butylbenzylphthalate			<0.5	ug/L				
MRL_CHK	Butylbenzylphthalate		0.15	0.143	ug/L	95	(50-150)		
MS_202012170600	Butylbenzylphthalate	ND	2	1.82	ug/L	91	(70-130)		
DUP_202012180435	Caffeine by method 525mod	ND		ND	ug/L		(0-20)		
LCS1	Caffeine by method 525mod		2	1.86	ug/L	93	(45-137)		
LCS2	Caffeine by method 525mod		2	1.73	ug/L	87	(45-137)	20	7.2
MBLK	Caffeine by method 525mod			<0.05	ug/L				
MRL_CHK	Caffeine by method 525mod		0.05	0.0490	ug/L	98	(50-150)		
MS_202012170600	Caffeine by method 525mod	ND	2	1.69	ug/L	85	(46-144)		
DUP_202012180435	Chrysene	ND		ND	ug/L		(0-20)		
LCS1	Chrysene		2	1.90	ug/L	95	(70-130)		
LCS2	Chrysene		2	1.92	ug/L	96	(70-130)	20	1.1
MBLK	Chrysene			<0.02	ug/L				
MRL_CHK	Chrysene		0.02	0.0100	ug/L	50	(50-150)		
MS_202012170600	Chrysene	ND	2	1.84	ug/L	92	(70-130)		
DUP_202012180435	Chrysene-d12 (I)			114	%	114	(50-150)		
LCS1	Chrysene-d12 (I)		5	117	%	117	(50-150)		
LCS2	Chrysene-d12 (I)		5	120	%	120	(50-150)		
MBLK	Chrysene-d12 (I)			112	%	112	(50-150)		
MRL_CHK	Chrysene-d12 (I)		5	118	%	118	(50-150)		
MS_202012170600	Chrysene-d12 (I)		5	103	%	103	(50-150)		
DUP_202012180435	Di-(2-Ethylhexyl)adipate	ND		ND	ug/L		(0-20)		
LCS1	Di-(2-Ethylhexyl)adipate		2	1.79	ug/L	90	(70-130)		
LCS2	Di-(2-Ethylhexyl)adipate		2	1.72	ug/L	86	(70-130)	20	4.0
MBLK	Di-(2-Ethylhexyl)adipate			<0.6	ug/L				
MRL_CHK	Di-(2-Ethylhexyl)adipate		0.3	0.275	ug/L	92	(50-150)		
MS_202012170600	Di-(2-Ethylhexyl)adipate	ND	2	1.56	ug/L	78	(70-130)		
DUP_202012180435	Di(2-Ethylhexyl)phthalate	ND		ND	ug/L		(0-20)		
LCS1	Di(2-Ethylhexyl)phthalate		2	1.69	ug/L	85	(70-130)		
LCS2	Di(2-Ethylhexyl)phthalate		2	1.73	ug/L	86	(70-130)	20	2.3
MBLK	Di(2-Ethylhexyl)phthalate			<0.6	ug/L				
MRL_CHK	Di(2-Ethylhexyl)phthalate		0.6	0.480	ug/L	80	(50-150)		
MS_202012170600	Di(2-Ethylhexyl)phthalate	ND	2	1.64	ug/L	82	(70-130)		
DUP_202012180435	Diazinon (Qualitative)	ND		ND	ug/L		(0-20)		
LCS1	Diazinon (Qualitative)		2	1.77	ug/L	88	(15-132)		
LCS2	Diazinon (Qualitative)		2	1.61	ug/L	81	(15-132)	20	9.5

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MBLK	Diazinon (Qualitative)			<0.10	ug/L				
MRL_CHK	Diazinon (Qualitative)		0.1	0.0560	ug/L	56	(15-132)		
MS_202012170600	Diazinon (Qualitative)	ND	2	1.73	ug/L	87	(15-132)		
DUP_202012180435	Dibenz(a,h)Anthracene	ND		ND	ug/L		(0-20)		
LCS1	Dibenz(a,h)Anthracene		2	1.60	ug/L	80	(70-130)		
LCS2	Dibenz(a,h)Anthracene		2	1.66	ug/L	83	(70-130)	20	3.1
MBLK	Dibenz(a,h)Anthracene			<0.05	ug/L				
MRL_CHK	Dibenz(a,h)Anthracene		0.05	0.0350	ug/L	70	(50-150)		
MS_202012170600	Dibenz(a,h)Anthracene	ND	2	1.55	ug/L	77	(70-130)		
DUP_202012180435	Dieldrin	ND		ND	ug/L		(0-20)		
LCS1	Dieldrin		2	1.76	ug/L	88	(70-130)		
LCS2	Dieldrin		2	1.76	ug/L	88	(70-130)	20	0.0
MBLK	Dieldrin			<0.2	ug/L				
MRL_CHK	Dieldrin		0.1	0.102	ug/L	102	(50-150)		
MS_202012170600	Dieldrin	ND	2	1.60	ug/L	80	(70-130)		
DUP_202012180435	Diethylphthalate	ND		ND	ug/L		(0-20)		
LCS1	Diethylphthalate		2	1.98	ug/L	99	(70-130)		
LCS2	Diethylphthalate		2	1.87	ug/L	93	(70-130)	20	5.7
MBLK	Diethylphthalate			<0.5	ug/L				
MRL_CHK	Diethylphthalate		0.15	0.128	ug/L	85	(50-150)		
MS_202012170600	Diethylphthalate	ND	2	1.94	ug/L	97	(70-130)		
DUP_202012180435	Dimethoate	ND		ND	ug/L		(0-20)		
LCS1	Dimethoate		2	1.88	ug/L	94	(35-100)		
LCS2	Dimethoate		2	1.63	ug/L	82	(35-100)	20	14
MBLK	Dimethoate			<0.1	ug/L				
MRL_CHK	Dimethoate		0.1	0.0940	ug/L	94	(35-100)		
MS_202012170600	Dimethoate	ND	2	1.67	ug/L	83	(34-111)		
DUP_202012180435	Dimethylphthalate	ND		ND	ug/L		(0-20)		
LCS1	Dimethylphthalate		2	2.03	ug/L	101	(70-130)		
LCS2	Dimethylphthalate		2	1.96	ug/L	98	(70-130)	20	3.5
MBLK	Dimethylphthalate			<0.5	ug/L				
MRL_CHK	Dimethylphthalate		0.3	0.425	ug/L	142	(50-150)		
MS_202012170600	Dimethylphthalate	ND	2	1.96	ug/L	98	(70-130)		
DUP_202012180435	Di-n-Butylphthalate	ND		ND	ug/L		(0-20)		
LCS1	Di-n-Butylphthalate		4	3.84	ug/L	96	(70-130)		
LCS2	Di-n-Butylphthalate		4	3.72	ug/L	93	(70-130)	20	3.4
MBLK	Di-n-Butylphthalate			<1	ug/L				
MRL_CHK	Di-n-Butylphthalate		0.3	0.284	ug/L	95	(50-150)		

Spike recovery is already corrected for native results.

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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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Western Environmental Testing Laboratory

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MS_202012170600	Di-n-Butylphthalate	ND	4	3.59	ug/L	90	(70-130)		
DUP_202012180435	Endrin	ND		ND	ug/L		(0-20)		
LCS1	Endrin		2	1.94	ug/L	97	(70-130)		
LCS2	Endrin		2	1.90	ug/L	95	(70-130)	20	2.1
MBLK	Endrin			<0.1	ug/L				
MRL_CHK	Endrin		0.1	0.0710	ug/L	71	(50-150)		
MS_202012170600	Endrin	ND	2	1.55	ug/L	78	(70-130)		
DUP_202012180435	Fluoranthene	ND		ND	ug/L		(0-20)		
LCS1	Fluoranthene		2	2.02	ug/L	101	(70-130)		
LCS2	Fluoranthene		2	1.99	ug/L	100	(70-130)	20	1.5
MBLK	Fluoranthene			<0.1	ug/L				
MRL_CHK	Fluoranthene		0.05	0.0540	ug/L	108	(50-150)		
MS_202012170600	Fluoranthene	ND	2	1.86	ug/L	93	(70-130)		
DUP_202012180435	Fluorene	ND		ND	ug/L		(0-20)		
LCS1	Fluorene		2	2.07	ug/L	103	(70-130)		
LCS2	Fluorene		2	2.02	ug/L	101	(70-130)	20	2.4
MBLK	Fluorene			<0.05	ug/L				
MRL_CHK	Fluorene		0.05	0.0480	ug/L	96	(50-150)		
MS_202012170600	Fluorene	ND	2	1.97	ug/L	99	(70-130)		
DUP_202012180435	gamma-Chlordane	ND		ND	ug/L		(0-20)		
LCS1	gamma-Chlordane		2	2.33	ug/L	117	(70-130)		
LCS2	gamma-Chlordane		2	2.32	ug/L	116	(70-130)	20	0.43
MBLK	gamma-Chlordane			<0.05	ug/L				
MRL_CHK	gamma-Chlordane		0.05	0.0390	ug/L	78	(50-150)		
MS_202012170600	gamma-Chlordane	ND	2	2.18	ug/L	109	(70-130)		
DUP_202012180435	Heptachlor	ND		ND	ug/L		(0-20)		
LCS1	Heptachlor		2	1.72	ug/L	86	(70-130)		
LCS2	Heptachlor		2	1.74	ug/L	87	(70-130)	20	1.2
MBLK	Heptachlor			<0.04	ug/L				
MRL_CHK	Heptachlor		0.04	0.0390	ug/L	98	(50-150)		
MS_202012170600	Heptachlor	ND	2	1.59	ug/L	80	(70-130)		
DUP_202012180435	Heptachlor Epoxide (isomer B)	ND		ND	ug/L		(0-20)		
LCS1	Heptachlor Epoxide (isomer B)		2	2.13	ug/L	107	(70-130)		
LCS2	Heptachlor Epoxide (isomer B)		2	2.09	ug/L	105	(70-130)	20	1.9
MBLK	Heptachlor Epoxide (isomer B)			<0.05	ug/L				
MRL_CHK	Heptachlor Epoxide (isomer B)		0.05	0.0470	ug/L	94	(50-150)		
MS_202012170600	Heptachlor Epoxide (isomer B)	ND	2	2.05	ug/L	102	(70-130)		
DUP_202012180435	Hexachlorobenzene	ND		ND	ug/L		(0-20)		

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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%
LCS1	Hexachlorobenzene		2	2.04	ug/L	102	(70-130)		
LCS2	Hexachlorobenzene		2	1.98	ug/L	99	(70-130)	20	3.0
MBLK	Hexachlorobenzene			<0.05	ug/L				
MRL_CHK	Hexachlorobenzene		0.05	0.0550	ug/L	110	(50-150)		
MS_202012170600	Hexachlorobenzene	ND	2	1.86	ug/L	93	(70-130)		
DUP_202012180435	Hexachlorocyclopentadiene	ND		ND	ug/L		(0-20)		
LCS1	Hexachlorocyclopentadiene		2	1.83	ug/L	92	(70-130)		
LCS2	Hexachlorocyclopentadiene		2	1.93	ug/L	97	(70-130)	20	5.3
MBLK	Hexachlorocyclopentadiene			<0.05	ug/L				
MRL_CHK	Hexachlorocyclopentadiene		0.05	0.0360	ug/L	72	(50-150)		
MS_202012170600	Hexachlorocyclopentadiene	ND	2	1.76	ug/L	88	(70-130)		
DUP_202012180435	Indeno(1,2,3,c,d)Pyrene	ND		ND	ug/L		(0-20)		
LCS1	Indeno(1,2,3,c,d)Pyrene		2	1.58	ug/L	79	(70-130)		
LCS2	Indeno(1,2,3,c,d)Pyrene		2	1.64	ug/L	82	(70-130)	20	3.7
MBLK	Indeno(1,2,3,c,d)Pyrene			<0.05	ug/L				
MRL_CHK	Indeno(1,2,3,c,d)Pyrene		0.05	0.0330	ug/L	66	(50-150)		
MS_202012170600	Indeno(1,2,3,c,d)Pyrene	ND	2	1.54	ug/L	77	(70-130)		
DUP_202012180435	Isophorone	ND		ND	ug/L		(0-20)		
LCS1	Isophorone		2	1.50	ug/L	75	(70-130)		
LCS2	Isophorone		2	1.58	ug/L	79	(70-130)	20	5.2
MBLK	Isophorone			<0.5	ug/L				
MRL_CHK	Isophorone		0.1	0.0760	ug/L	76	(50-150)		
MS_202012170600	Isophorone	ND	2	1.48	ug/L	74	(70-130)		
DUP_202012180435	Lindane	ND		ND	ug/L		(0-20)		
LCS1	Lindane		2	2.09	ug/L	105	(70-130)		
LCS2	Lindane		2	1.98	ug/L	99	(70-130)	20	5.4
MBLK	Lindane			<0.04	ug/L				
MRL_CHK	Lindane		0.04	0.0460	ug/L	115	(50-150)		
MS_202012170600	Lindane	ND	2	1.92	ug/L	96	(70-130)		
DUP_202012180435	Methoxychlor	ND		ND	ug/L		(0-20)		
LCS1	Methoxychlor		2	2.29	ug/L	114	(70-130)		
LCS2	Methoxychlor		2	2.36	ug/L	118	(70-130)	20	3.0
MBLK	Methoxychlor			<0.1	ug/L				
MRL_CHK	Methoxychlor		0.1	0.105	ug/L	105	(50-150)		
MS_202012170600	Methoxychlor	ND	2	2.36	ug/L	118	(70-130)		
DUP_202012180435	Metolachlor	ND		ND	ug/L		(0-20)		
LCS1	Metolachlor		2	2.00	ug/L	100	(70-130)		
LCS2	Metolachlor		2	1.94	ug/L	97	(70-130)	20	3.0

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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	Metolachlor			<0.05	ug/L				
MRL_CHK	Metolachlor		0.05	0.0450	ug/L	90	(50-150)		
MS_202012170600	Metolachlor	ND	2	1.84	ug/L	92	(70-130)		
DUP_202012180435	Metribuzin	ND		ND	ug/L		(0-20)		
LCS1	Metribuzin		2	2.08	ug/L	104	(70-130)		
LCS2	Metribuzin		2	2.03	ug/L	101	(70-130)	20	2.4
MBLK	Metribuzin			<0.05	ug/L				
MRL_CHK	Metribuzin		0.05	0.0550	ug/L	110	(50-150)		
MS_202012170600	Metribuzin	ND	2	1.96	ug/L	98	(70-130)		
DUP_202012180435	Molinate	ND		ND	ug/L		(0-20)		
LCS1	Molinate		2	1.87	ug/L	93	(70-130)		
LCS2	Molinate		2	1.79	ug/L	90	(70-130)	20	4.4
MBLK	Molinate			<0.1	ug/L				
MRL_CHK	Molinate		0.1	0.0840	ug/L	84	(50-150)		
MS_202012170600	Molinate	ND	2	1.80	ug/L	90	(70-130)		
DUP_202012180435	Perylene-d12 (S)			77.4	%	77	(70-130)		
LCS1	Perylene-d12 (S)		5	89.4	%	89	(70-130)		
LCS2	Perylene-d12 (S)		5	90.8	%	91	(70-130)		
MBLK	Perylene-d12 (S)			77.6	%	78	(70-130)		
MRL_CHK	Perylene-d12 (S)		5	77.2	%	77	(70-130)		
MS_202012170600	Perylene-d12 (S)		5	92.4	%	92	(70-130)		
DUP_202012180435	Phenanthrene	ND		ND	ug/L		(0-20)		
LCS1	Phenanthrene		2	1.90	ug/L	95	(70-130)		
LCS2	Phenanthrene		2	1.91	ug/L	96	(70-130)	20	0.0
MBLK	Phenanthrene			<0.04	ug/L				
MRL_CHK	Phenanthrene		0.02	0.0220	ug/L	110	(50-150)		
MS_202012170600	Phenanthrene	ND	2	1.81	ug/L	91	(70-130)		
DUP_202012180435	Phenanthrene-d10 (I)			110	%	110	(50-150)		
LCS1	Phenanthrene-d10 (I)		5	108	%	108	(50-150)		
LCS2	Phenanthrene-d10 (I)		5	117	%	117	(50-150)		
MBLK	Phenanthrene-d10 (I)			114	%	114	(50-150)		
MRL_CHK	Phenanthrene-d10 (I)		5	113	%	113	(50-150)		
MS_202012170600	Phenanthrene-d10 (I)		5	107	%	107	(50-150)		
DUP_202012180435	Propachlor	ND		ND	ug/L		(0-20)		
LCS1	Propachlor		2	1.89	ug/L	95	(70-130)		
LCS2	Propachlor		2	1.80	ug/L	90	(70-130)	20	4.9
MBLK	Propachlor			<0.05	ug/L				
MRL_CHK	Propachlor		0.05	0.0580	ug/L	116	(50-150)		

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

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MS_202012170600	Propachlor	ND	2	1.80	ug/L	90	(70-130)		
DUP_202012180435	Pyrene	ND		ND	ug/L		(0-20)		
LCS1	Pyrene		2	1.88	ug/L	94	(70-130)		
LCS2	Pyrene		2	1.85	ug/L	92	(70-130)	20	1.6
MBLK	Pyrene			<0.05	ug/L				
MRL_CHK	Pyrene		0.05	0.0530	ug/L	106	(50-150)		
MS_202012170600	Pyrene	ND	2	1.75	ug/L	87	(70-130)		
DUP_202012180435	Simazine	ND		ND	ug/L		(0-20)		
LCS1	Simazine		2	2.14	ug/L	107	(70-130)		
LCS2	Simazine		2	1.92	ug/L	96	(70-130)	20	11
MBLK	Simazine			<0.05	ug/L				
MRL_CHK	Simazine		0.05	0.0560	ug/L	112	(50-150)		
MS_202012170600	Simazine	ND	2	1.75	ug/L	88	(70-130)		
DUP_202012180435	Thiobencarb	ND		ND	ug/L		(0-20)		
LCS1	Thiobencarb		2	1.85	ug/L	93	(70-130)		
LCS2	Thiobencarb		2	1.89	ug/L	95	(70-130)	20	2.1
MBLK	Thiobencarb			<0.2	ug/L				
MRL_CHK	Thiobencarb		0.1	0.0760	ug/L	76	(50-150)		
MS_202012170600	Thiobencarb	ND	2	1.81	ug/L	90	(70-130)		
DUP_202012180435	trans-Nonachlor	ND		ND	ug/L		(0-20)		
LCS1	trans-Nonachlor		2	2.48	ug/L	124	(70-130)		
LCS2	trans-Nonachlor		2	2.36	ug/L	118	(70-130)	20	5.0
MBLK	trans-Nonachlor			<0.05	ug/L				
MRL_CHK	trans-Nonachlor		0.05	0.0460	ug/L	92	(50-150)		
MS_202012170600	trans-Nonachlor	ND	2	2.19	ug/L	109	(70-130)		
DUP_202012180435	Trifluralin	ND		ND	ug/L		(0-20)		
LCS1	Trifluralin		2	1.88	ug/L	94	(70-130)		
LCS2	Trifluralin		2	1.80	ug/L	90	(70-130)	20	4.3
MBLK	Trifluralin			<0.1	ug/L				
MRL_CHK	Trifluralin		0.1	0.0930	ug/L	93	(50-150)		
MS_202012170600	Trifluralin	ND	2	1.74	ug/L	87	(70-130)		
DUP_202012180435	Triphenylphosphate (S)			115	%	115	(70-130)		
LCS1	Triphenylphosphate (S)		5	115	%	115	(70-130)		
LCS2	Triphenylphosphate (S)		5	112	%	112	(70-130)		
MBLK	Triphenylphosphate (S)			111	%	111	(70-130)		
MRL_CHK	Triphenylphosphate (S)		5	116	%	116	(70-130)		
MS_202012170600	Triphenylphosphate (S)		5	112	%	112	(70-130)		

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

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
Chlorophenoxy Herbicides by EPA 515.4									
Prep Batch: 1295300 Analytical Batch: 1296499					Analysis Date: 12/30/2020				
CCC3	2,4,5-T		4	3.90	ug/L	98	(70-130)		
CCCH	2,4,5-T		4	4.04	ug/L	101	(70-130)		
CCCM	2,4,5-T		1	0.962	ug/L	96	(70-130)		
MBLK	2,4,5-T			<0.066	ug/L				
MRL_CHK	2,4,5-T		0.2	0.168	ug/L	84	(50-150)		
MS1_202012180350	2,4,5-T	ND	3	2.92	ug/L	97	(70-130)		
MSD1_202012180350	2,4,5-T	ND	3	2.90	ug/L	97	(70-130)	30	0.58
CCC3	2,4,5-TP (Silvex)		4	3.94	ug/L	98	(70-130)		
CCCH	2,4,5-TP (Silvex)		4	4.05	ug/L	101	(70-130)		
CCCM	2,4,5-TP (Silvex)		1	0.996	ug/L	100	(70-130)		
MBLK	2,4,5-TP (Silvex)			<0.066	ug/L				
MRL_CHK	2,4,5-TP (Silvex)		0.2	0.209	ug/L	105	(50-150)		
MS1_202012180350	2,4,5-TP (Silvex)	ND	3	2.84	ug/L	94	(70-130)		
MSD1_202012180350	2,4,5-TP (Silvex)	ND	3	2.85	ug/L	94	(70-130)	30	0.19
CCC3	2,4-D		2	1.89	ug/L	94	(70-130)		
CCCH	2,4-D		2	1.97	ug/L	99	(70-130)		
CCCM	2,4-D		0.5	0.474	ug/L	95	(70-130)		
MBLK	2,4-D			<0.033	ug/L				
MRL_CHK	2,4-D		0.1	0.0888	ug/L	89	(50-150)		
MS1_202012180350	2,4-D	ND	1.5	1.40	ug/L	94	(70-130)		
MSD1_202012180350	2,4-D	ND	1.5	1.41	ug/L	94	(70-130)	30	0.51
CCC3	2,4-DB		40	38.1	ug/L	95	(70-130)		
CCCH	2,4-DB		40	39.5	ug/L	99	(70-130)		
CCCM	2,4-DB		10	10.1	ug/L	101	(70-130)		
MBLK	2,4-DB			<0.666	ug/L				
MRL_CHK	2,4-DB		2	2.33	ug/L	117	(50-150)		
MS1_202012180350	2,4-DB	ND	30	28.7	ug/L	95	(70-130)		
MSD1_202012180350	2,4-DB	ND	30	28.4	ug/L	94	(70-130)	30	1.2
CCC3	2,4-Dichlorophenyl acetic acid (S)		100	98.1	%	98	(70-130)		
CCCH	2,4-Dichlorophenyl acetic acid (S)		10	98.1	%	98	(70-130)		
CCCM	2,4-Dichlorophenyl acetic acid (S)		2.5	100	%	100	(70-130)		
MBLK	2,4-Dichlorophenyl acetic acid (S)			106	%	106	(70-130)		
MRL_CHK	2,4-Dichlorophenyl acetic acid (S)			102	%	102	(70-130)		
MS1_202012180350	2,4-Dichlorophenyl acetic acid (S)			92.8	%	93	(70-130)		
MSD1_202012180350	2,4-Dichlorophenyl acetic acid (S)			91.0	%	91	(70-130)		

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Western Environmental Testing Laboratory

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
CCC3	3,5-Dichlorobenzoic acid		10	9.74	ug/L	97	(70-130)		
CCCH	3,5-Dichlorobenzoic acid		10	9.96	ug/L	100	(70-130)		
CCCM	3,5-Dichlorobenzoic acid		2.5	2.59	ug/L	104	(70-130)		
MBLK	3,5-Dichlorobenzoic acid			<0.166	ug/L				
MRL_CHK	3,5-Dichlorobenzoic acid		0.5	0.539	ug/L	108	(50-150)		
MS1_202012180350	3,5-Dichlorobenzoic acid	ND	7.5	7.09	ug/L	93	(70-130)		
MSD1_202012180350	3,5-Dichlorobenzoic acid	ND	7.5	7.15	ug/L	94	(70-130)	30	0.85
CCC3	4,4-Dibromooctafluorobiphenyl (I)		100	99.0	%	99	(50-150)		
CCCH	4,4-Dibromooctafluorobiphenyl (I)			97.5	%	97	(50-150)		
CCCM	4,4-Dibromooctafluorobiphenyl (I)			101	%	101	(50-150)		
MBLK	4,4-Dibromooctafluorobiphenyl (I)			98.6	%	99	(50-150)		
MRL_CHK	4,4-Dibromooctafluorobiphenyl (I)		100	98.0	%	98	(50-150)		
MS1_202012180350	4,4-Dibromooctafluorobiphenyl (I)		100	90.9	%	91	(50-150)		
MSD1_202012180350	4,4-Dibromooctafluorobiphenyl (I)			95.2	%	95	(50-150)		
CCC3	Acifluorfen		4	4.24	ug/L	106	(70-130)		
CCCH	Acifluorfen		4	4.40	ug/L	110	(70-130)		
CCCM	Acifluorfen		1	1.03	ug/L	103	(70-130)		
MBLK	Acifluorfen			<0.066	ug/L				
MRL_CHK	Acifluorfen		0.2	0.200	ug/L	100	(50-150)		
MS1_202012180350	Acifluorfen	ND	3	2.79	ug/L	93	(70-130)		
MSD1_202012180350	Acifluorfen	ND	3	2.87	ug/L	95	(70-130)	30	2.7
CCC3	Bentazon		10	9.62	ug/L	96	(70-130)		
CCCH	Bentazon		10	9.99	ug/L	100	(70-130)		
CCCM	Bentazon		2.5	2.59	ug/L	103	(70-130)		
MBLK	Bentazon			<0.166	ug/L				
MRL_CHK	Bentazon		0.5	0.634	ug/L	127	(50-150)		
MS1_202012180350	Bentazon	ND	7.5	7.28	ug/L	95	(70-130)		
MSD1_202012180350	Bentazon	ND	7.5	7.27	ug/L	95	(70-130)	30	0.073
CCC3	Dalapon		20	21.1	ug/L	106	(70-130)		
CCCH	Dalapon		20	21.8	ug/L	109	(70-130)		
CCCM	Dalapon		5	5.09	ug/L	102	(70-130)		
MBLK	Dalapon			<0.333	ug/L				
MRL_CHK	Dalapon		1	0.943	ug/L	94	(50-150)		
MS1_202012180350	Dalapon	ND	15	14.9	ug/L	100	(70-130)		
MSD1_202012180350	Dalapon	ND	15	15.3	ug/L	102	(70-130)	30	2.4
CCC3	Dicamba		2	1.89	ug/L	95	(70-130)		
CCCH	Dicamba		2	1.94	ug/L	97	(70-130)		
CCCM	Dicamba		0.5	0.519	ug/L	104	(70-130)		

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MBLK	Dicamba			<0.033	ug/L				
MRL_CHK	Dicamba		0.1	0.114	ug/L	114	(50-150)		
MS1_202012180350	Dicamba	ND	1.5	1.20	ug/L	80	(70-130)		
MSD1_202012180350	Dicamba	ND	1.5	1.20	ug/L	80	(70-130)	30	0.13
CCC3	Dichlorprop		10	9.71	ug/L	97	(70-130)		
CCCH	Dichlorprop		10	10.0	ug/L	100	(70-130)		
CCCM	Dichlorprop		2.5	2.66	ug/L	106	(70-130)		
MBLK	Dichlorprop			<0.166	ug/L				
MRL_CHK	Dichlorprop		0.5	0.595	ug/L	119	(50-150)		
MS1_202012180350	Dichlorprop	ND	7.5	6.96	ug/L	93	(70-130)		
MSD1_202012180350	Dichlorprop	ND	7.5	7.03	ug/L	94	(70-130)	30	0.94
CCC3	Dinoseb		4	4.07	ug/L	102	(70-130)		
CCCH	Dinoseb		4	4.17	ug/L	104	(70-130)		
CCCM	Dinoseb		1	1.01	ug/L	101	(70-130)		
MBLK	Dinoseb			<0.066	ug/L				
MRL_CHK	Dinoseb		0.2	0.214	ug/L	107	(50-150)		
MS1_202012180350	Dinoseb	ND	3	2.70	ug/L	90	(70-130)		
MSD1_202012180350	Dinoseb	ND	3	2.77	ug/L	92	(70-130)	30	2.4
CCC3	Pentachlorophenol		0.8	0.776	ug/L	97	(70-130)		
CCCH	Pentachlorophenol		0.8	0.812	ug/L	102	(70-130)		
CCCM	Pentachlorophenol		0.2	0.194	ug/L	97	(70-130)		
MBLK	Pentachlorophenol			<0.013	ug/L				
MRL_CHK	Pentachlorophenol		0.04	0.0429	ug/L	107	(50-150)		
MS1_202012180350	Pentachlorophenol	ND	0.6	0.588	ug/L	97	(70-130)		
MSD1_202012180350	Pentachlorophenol	ND	0.6	0.584	ug/L	96	(70-130)	30	0.77
CCC3	Picloram		2	1.83	ug/L	92	(70-130)		
CCCH	Picloram		2	1.96	ug/L	98	(70-130)		
CCCM	Picloram		0.5	0.449	ug/L	90	(70-130)		
MBLK	Picloram			<0.033	ug/L				
MRL_CHK	Picloram		0.1	0.0774	ug/L	77	(50-150)		
MS1_202012180350	Picloram	ND	1.5	1.53	ug/L	98	(70-130)		
MSD1_202012180350	Picloram	ND	1.5	1.55	ug/L	99	(70-130)	30	0.99
CCC3	Tot DCPA Mono&Diacid Degradate		2	1.94	ug/L	97	(70-130)		
CCCH	Tot DCPA Mono&Diacid Degradate		2	2.10	ug/L	105	(70-130)		
CCCM	Tot DCPA Mono&Diacid Degradate		0.5	0.435	ug/L	87	(70-130)		
MBLK	Tot DCPA Mono&Diacid Degradate			<0.033	ug/L				
MRL_CHK	Tot DCPA Mono&Diacid Degradate		0.1	0.114	ug/L	114	(50-150)		
MS1_202012180350	Tot DCPA Mono&Diacid Degradate	ND	1.5	1.39	ug/L	88	(70-130)		

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MSD1_202012180350	Tot DCPA Mono&Diacid Degradate	ND	1.5	1.44	ug/L	92	(70-130)	30	4.4

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