

Daily Analysis Runlog For Sequence/QC Batch ID # LB93750

Review By		Review On				
SubDirectory		LB93750		Test : TOC		

STD. NAME	STD REF.#
ICAL Standard	WP61660,WP61661,WP61662,WP61663,WP61664,WP61665,WP61666,WP61667,WP61668
ICV Standard	WP61669
CCV Standard	WP61667
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP61669
Chk Standard	WP57902

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPM	0.0PPM	CAL1	02/09/18 09:25		OK
2	0.5PPM	0.5PPM	CAL2	02/09/18 09:40		OK
3	1.0PPM	1.0PPM	CAL3	02/09/18 09:53		OK
4	2.0PPM	2.0PPM	CAL4	02/09/18 10:07		OK
5	5.0PPM	5.0PPM	CAL5	02/09/18 10:21		OK
6	10.0PPM	10.0PPM	CAL6	02/09/18 10:36		OK
7	20.0PPM	20.0PPM	CAL7	02/09/18 10:51		OK
8	ICV1	ICV1	ICV	02/09/18 14:51		OK
9	ICB1	ICB1	ICB	02/09/18 15:05		OK
10	CCV1	CCV1	CCV	03/08/18 11:59		OK
11	CCB1	CCB1	CCB	03/08/18 12:28		OK
12	LB93750BLW	LB93750BLW	MB	03/08/18 12:55		OK
13	LB93750BSW	LB93750BSW	LCS	03/08/18 13:27		OK
14	J1833-01	EFF-180306-02	SAM	03/08/18 15:33		OK
15	J1833-01MS	EFF-180306-02MS	MS	03/08/18 16:10		OK
16	J1833-01MSD	EFF-180306-02MSD	MSD	03/08/18 16:40		OK
17	CCV2	CCV2	CCV	03/08/18 16:55		OK
18	CCB2	CCB2	CCB	03/08/18 17:08		OK



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Report of Analysis

Client:		Date Collected:	3/6/2018 12:00:00 AM
Project:	LB93750	Date Received:	3/7/2018 12:00:00 AM
Client Sample ID:	EFF-180306-02	SDG No.:	LB93750
Lab Sample ID:	J1833-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
10-35-5	TOC	0.56		1	0.097		0.5	mg/L		03/08/2018	9060



Report of Analysis

Client:		Date Collected:	3/6/2018 12:00:00 AM
Project:	LB93750	Date Received:	3/7/2018 12:00:00 AM
Client Sample ID:	EFF-180306-02	SDG No.:	LB93750
Lab Sample ID:	J1833-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93750 SDG No.: LB93750
Contract: Lab Code: CHEM Case No.: LB93750 SAS No.: LB93750

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TOC	0.29	+/-0.5	J		0.5		02/09/2018	15:05	LB93750

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	0.32	+/-0.5	J			0.5	03/08/2018	12:28	LB93750
CCB2	TOC	0.15	+/-0.5	J			0.5	03/08/2018	17:08	LB93750



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93750

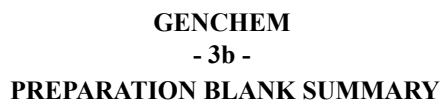
SDG No.: LB93750

Contract: Lab Code: CHEM

Case No.: LB93750

SAS No.: LB93750

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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SDG No.: LB93750

Instrument: Appolo-9000

Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
LB93750BLW		WATER		Batch Number:				Prep Date:		
	TOC	0.13	<0.5	J		0.5		03/08/2018	12:55	LB93750



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MATRIX SPIKE SUMMARY

client: LB93750 level: low sdg no.: LB93750
contract: lab code: CHEM case no.: LB93750 sas no.: LB93750
matrix: WATER sample id: J1833-01 client id: EFF-180306-02MS
Percent Solids for Sample: 0 Spiked ID: J1833-01MS Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
TOC	mg/L	75 - 125	10.6		0.56		10	100		



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MATRIX SPIKE DUPLICATE SUMMARY

client: LB93750 level: low sdg no.: LB93750
contract: lab code: CHEM case no.: LB93750 sas no.: LB93750
matrix: WATER sample id: J1833-01 client id: EFF-180306-02MSD
Percent Solids for Sample: 0 Spiked ID: J1833-01MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
TOC	mg/L	75 - 125	10.8		0.56		10	102		

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DUPLICATE SAMPLE SUMMARY

Client: LB93750 **Level:** LOW **SDG No.:** LB93750
Contract: **Lab Code:** CHEM **Case No.:** LB93750 **SAS No.:** LB93750
Matrix: WATER **Sample ID:** J1833-01MS **Client ID:** EFF-180306-02MSD
Percent Solids for Sample: 0 **Duplicate ID** J1833-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	10.6		10.8		2		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93750

SDG No.: LB93750

Contract:

Lab Code: CHEM

Case No.: LB93750

SAS No.: LB93750

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB93750BSW TOC	mg/L	10	9.8		98	90 - 110	

TOC Raw Data

Sequence ID : LB93750

Method ID : 9060

LabSampleID	Response	Result(ppm)	%RSD	Anal DateTime	Sample Vol/Wt
0.0PPM	17741	0.0PPM		2/9/2018 9:25:00 AM	0.500
		0.0PPM			
0.5PPM	73879	0.5PPM		2/9/2018 9:40:00 AM	0.5
		0.5PPM			
1.0PPM	132822	1.0PPM		2/9/2018 9:53:00 AM	0.5
		1.0PPM			
2.0PPM	252602	2.0PPM		2/9/2018 10:07:00 AM	0.5
		2.0PPM			
5.0PPM	581752	5.0PPM		2/9/2018 10:21:00 AM	0.5
		5.0PPM			
10.0PPM	1201476	10.0PPM		2/9/2018 10:36:00 AM	0.5
		10.0PPM			
20.0PPM	2356976	20.0PPM		2/9/2018 10:51:00 AM	0.5
		20.0PPM			
ICV1	1145690	9.7716		2/9/2018 2:51:00 PM	0.500
ICB1	33422	0.2851		2/9/2018 3:05:00 PM	0.500
CCV1	1239493	10.5716		3/8/2018 11:59:00 AM	0.5
CCB1	37721	0.3217		3/8/2018 12:28:00 PM	0.5
LB93750BLW	4822	0.0411		3/8/2018 12:42:00 PM	0.500
LB93750BLW	-4198	-0.0358		3/8/2018 12:46:00 PM	0.500
LB93750BLW	-5169	-0.0441		3/8/2018 12:49:00 PM	0.500
LB93750BLW	64164	0.5473		3/8/2018 12:55:00 PM	0.500
		0.127125	222.404		
LB93750BSW	1153699	9.8399		3/8/2018 1:13:00 PM	0.5
LB93750BSW	1141005	9.7316		3/8/2018 1:18:00 PM	0.5
LB93750BSW	1166207	9.9466		3/8/2018 1:23:00 PM	0.5
LB93750BSW	1141766	9.7381		3/8/2018 1:27:00 PM	0.5
		9.81405	1.0325		
J1833-01	108609	0.9263		3/8/2018 3:22:00 PM	0.5
J1833-01	61751	0.5267		3/8/2018 3:25:00 PM	0.5
J1833-01	44760	0.3818		3/8/2018 3:29:00 PM	0.5
J1833-01	47630	0.4062		3/8/2018 3:33:00 PM	0.5
		0.56025	45.0014		
J1833-01MS	1261717	10.7612		3/8/2018 3:54:00 PM	0.5
J1833-01MS	1170038	9.9793		3/8/2018 3:58:00 PM	0.5
J1833-01MS	1245270	10.6209		3/8/2018 4:04:00 PM	0.5
J1833-01MS	1282818	10.9412		3/8/2018 4:10:00 PM	0.5
		10.5757	3.9584		
J1833-01MSD	1264556	10.7854		3/8/2018 4:25:00 PM	0.5
J1833-01MSD	1230090	10.4915		3/8/2018 4:29:00 PM	0.5
J1833-01MSD	1321141	11.268		3/8/2018 4:35:00 PM	0.5
J1833-01MSD	1227958	10.4733		3/8/2018 4:40:00 PM	0.5
		10.7546	3.4495		
CCV2	1159129	9.8862		3/8/2018 4:55:00 PM	0.5



TOC Raw Data

Sequence ID : LB93750 Method ID : 9060

LabSampleID	Response	Result(ppm)	%RSD	Anal DateTime	Sample Vol/Wt
CCB2	17388	0.1483		3/8/2018 5:08:00 PM	0.5