

Daily Analysis Runlog For Sequence/QC Batch ID # LB93946

Review By		Review On				
SubDirectory		LB93946		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		WP62677,WP62678,WP62679,WP62680,WP62681,WP62682,WP62683,WP62684,WP62685				
ICV Standard		WP62686				
CCV Standard		WP62684				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62686				
Chk Standard		wp62726				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPM	0.0PPM	CAL1	03/14/18 14:04		OK
2	0.5PPM	0.5PPM	CAL2	03/14/18 14:16		OK
3	1.0PPM	1.0PPM	CAL3	03/14/18 14:30		OK
4	2.0PPM	2.0PPM	CAL4	03/14/18 14:43		OK
5	5.0PPM	5.0PPM	CAL5	03/14/18 14:56		OK
6	10.0PPM	10.0PPM	CAL6	03/14/18 15:10		OK
7	20.0PPM	20.0PPM	CAL7	03/14/18 15:24		OK
8	ICV1	ICV1	ICV	03/14/18 15:38		OK
9	ICB1	ICB1	ICB	03/14/18 15:51		OK
10	CCV1	CCV1	CCV	03/19/18 09:48		OK
11	CCB1	CCB1	CCB	03/19/18 10:01		OK
12	LB93946BLW	LB93946BLW	MB	03/19/18 10:17		OK
13	LB93946BSW	LB93946BSW	LCS	03/19/18 10:37		OK
14	J1161-11	LOQ-WATER-05-QT	LOQ	03/19/18 10:54		OK
15	J1161-10	LOD-MDL-WATER-0	SAM	03/19/18 11:45		OK
16	J1161-12	MDL-WATER-06-QT	SAM	03/19/18 12:02		OK
17	CCV2	CCV2	CCV	03/19/18 12:16		OK
18	CCB2	CCB2	CCB	03/19/18 12:29		OK



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93946	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-04-QT1-2018	SDG No.:	LB93946
Lab Sample ID:	J1161-10	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	0.26	J	1	0.08		0.5	mg/L		03/19/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93946	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-WATER-06-QT1-2018	SDG No.:	LB93946
Lab Sample ID:	J1161-12	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	0.31	J	1	0.08		0.5	mg/L		03/19/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93946	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-WATER-06-QT1-2018	SDG No.:	LB93946
Lab Sample ID:	J1161-12	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 VERIFICATION

Client: LB93946

SDG No.: LB93946

Contract: _____ Lab Code: CHEM

Case No.: LB93946

SAS No.: LB93946

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	TOC	10.2	10	102		90 - 110		03/19/2018	09:48	LB93946
CCV2	TOC	10.6	10	106		90 - 110		03/19/2018	12:16	LB93946



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93946 **SDG No.:** LB93946
Contract: **Lab Code:** CHEM **Case No.:** LB93946 **SAS No.:** LB93946

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TOC	0.28	+/-0.5	J		0.5		03/14/2018	15:51	LB93946



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93946

SDG No.: LB93946

Contract:

Lab Code: CHEM

Case No.: LB93946

SAS No.: LB93946

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	0.18	+/-0.5	J		0.5		03/19/2018	10:01	LB93946
CCB2	TOC	0.39	+/-0.5	J		0.5		03/19/2018	12:29	LB93946



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93946

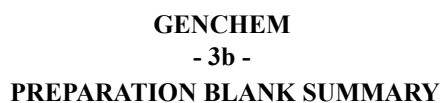
SDG No.: LB93946

Contract: Lab Code: CHEM

Case No.: LB93946

SAS No.: LB93946

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.: LB93946

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
LB93946BLW		WATER		Batch Number:				Prep Date:		
	TOC	0.19	<0.5	J		0.5		03/19/2018	10:17	LB93946



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93946

SDG No.: LB93946

Contract:

Lab Code: CHEM

Case No.: LB93946

SAS No.: LB93946

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
J1161-11 TOC	mg/L	1	1.4		140	50 - 150	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93946

SDG No.: LB93946

Contract:

Lab Code: CHEM

Case No.: LB93946

SAS No.: LB93946

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB93946BSW TOC	mg/L	10	10.4		104	90 - 110	

TOC Raw Data

Sequence ID : LB93946

Method ID : SM5310B

LabSampleID	Response	Result(ppm)	%RSD	Anal DateTime	Sample Vol/Wt
0.0PPM	10033	0.0PPM		3/14/2018 2:04:00 PM	0.5
		0.0PPM			
0.5PPM	59089	0.5PPM		3/14/2018 2:16:00 PM	0.5
		0.5PPM			
1.0PPM	104600	1.0PPM		3/14/2018 2:30:00 PM	0.5
		1.0PPM			
2.0PPM	174048	2.0PPM		3/14/2018 2:43:00 PM	0.5
		2.0PPM			
5.0PPM	395014	5.0PPM		3/14/2018 2:56:00 PM	0.5
		5.0PPM			
10.0PPM	785896	10.0PPM		3/14/2018 3:10:00 PM	0.5
		10.0PPM			
20.0PPM	1476050	20.0PPM		3/14/2018 3:24:00 PM	0.5
		20.0PPM			
ICV1	763209	10.4277		3/14/2018 3:38:00 PM	0.500
ICB1	20431	0.2791		3/14/2018 3:51:00 PM	0.500
CCV1	743688	10.161		3/19/2018 9:48:00 AM	0.5
CCB1	12885	0.1761		3/19/2018 10:01:00 AM	0.5
LB93946BLW	14472	0.1977		3/19/2018 10:14:00 AM	0.5
LB93946BLW	13924	0.1902		3/19/2018 10:17:00 AM	0.5
		0.19395	2.7344		
LB93946BSW	745126	10.1806		3/19/2018 10:32:00 AM	0.5
LB93946BSW	773826	10.5727		3/19/2018 10:37:00 AM	0.5
		10.3767	2.6719		
J1161-11	103039	1.4078		3/19/2018 10:51:00 AM	0.5
J1161-11	95099	1.2993		3/19/2018 10:54:00 AM	0.5
		1.35355	5.6681		
J1161-12	36837	0.5033		3/19/2018 11:26:00 AM	0.5
J1161-12	11370	0.1553		3/19/2018 11:29:00 AM	0.5
J1161-10	29054	0.397		3/19/2018 11:42:00 AM	0.5
J1161-10	9379	0.1281		3/19/2018 11:45:00 AM	0.5
		0.26255	72.4209		
J1161-12	32622	0.4457		3/19/2018 11:59:00 AM	0.5
J1161-12	9930	0.1357		3/19/2018 12:02:00 PM	0.5
		0.31	61.7953		
CCV2	772893	10.56		3/19/2018 12:16:00 PM	0.5
CCB2	28310	0.3868		3/19/2018 12:29:00 PM	0.5