

Daily Analysis Runlog For Sequence/QC Batch ID # LB94368

Review By

SubDirectory

Review On

Test : TOC

LB94368

STD. NAME		STD REF.#				
ICAL Standard		WP63327,WP63328,WP63329,WP63330,WP63331,WP63332,WP63333,WP63334,WP63335				
ICV Standard		WP63336				
CCV Standard		WP63334				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP63336				
Chk Standard		wp62726				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPM	0.0PPM	CAL1	04/03/18 14:06		OK
2	0.5PPM	0.5PPM	CAL2	04/03/18 14:20		OK
3	1.0PPM	1.0PPM	CAL3	04/03/18 14:33		OK
4	2.0PPM	2.0PPM	CAL4	04/03/18 14:46		OK
5	5.0PPM	5.0PPM	CAL5	04/03/18 15:00		OK
6	10.0PPM	10.0PPM	CAL6	04/03/18 15:14		OK
7	20.0PPM	20.0PPM	CAL7	04/03/18 15:28		OK
8	ICV1	ICV1	ICV	04/03/18 15:42		OK
9	ICB1	ICB1	ICB	04/03/18 15:55		OK
10	CCV1	CCV1	CCV	04/04/18 14:24		OK
11	CCB1	CCB1	CCB	04/04/18 14:37		OK
12	LB94368BLW	LB94368BLW	MB	04/04/18 15:28		OK
13	LB94368BSW	LB94368BSW	LCS	04/04/18 15:55		OK
14	J2220-01	EFF-180403-06	SAM	04/04/18 16:47		OK
15	J2220-01MS	EFF-180403-06MS	MS	04/04/18 17:16		OK
16	J2220-01MSD	EFF-180403-06MSD	MSD	04/04/18 17:46		OK
17	CCV2	CCV2	CCV	04/04/18 19:14		OK
18	CCB2	CCB2	CCB	04/04/18 19:27		OK



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Report of Analysis

Client:		Date Collected:	4/3/2018 12:00:00 AM
Project:	LB94368	Date Received:	4/4/2018 12:00:00 AM
Client Sample ID:	EFF-180403-06	SDG No.:	LB94368
Lab Sample ID:	J2220-01	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	1.9		1	0.097		0.5	mg/L		04/04/2018	9060



Report of Analysis

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Project:	LB94368	Date Received:	4/4/2018 12:00:00 AM
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Lab Sample ID:	J2220-01	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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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94368

SDG No.: LB94368

Contract: _____

Lab Code: CHEM

Case No.: LB94368

SAS No.: LB94368

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
ICV1	TOC	10.7	10	107		90 - 110		04/03/2018	15:42	LB94368



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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94368

SDG No.: LB94368

Contract: _____ Lab Code: CHEM

Case No.: LB94368

SAS No.: LB94368

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	10.5	10	105		90 - 110		04/04/2018	14:24	LB94368
CCV2	TOC	9.7	10	97		90 - 110		04/04/2018	19:14	LB94368



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94368 **SDG No.:** LB94368
Contract: **Lab Code:** CHEM **Case No.:** LB94368 **SAS No.:** LB94368

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TOC	0.38	+/-0.5	J		0.5		04/03/2018	15:55	LB94368



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94368

SDG No.: LB94368

Contract:

Lab Code: CHEM

Case No.: LB94368

SAS No.: LB94368

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	0.48	+/-0.5	J			0.5	04/04/2018	14:37	LB94368
CCB2	TOC	0.3	+/-0.5	J			0.5	04/04/2018	19:27	LB94368



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94368

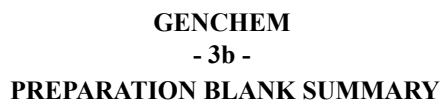
SDG No.: LB94368

Contract: Lab Code: CHEM

Case No.: LB94368

SAS No.: LB94368

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.: LB94368

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
LB94368BLW		WATER		Batch Number:				Prep Date:		
	TOC	0.17	<0.5	J		0.5		04/04/2018	15:28	LB94368



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- 5a -
MATRIX SPIKE SUMMARY

client: LB94368 level: low sdg no.: LB94368
contract: lab code: CHEM case no.: LB94368 sas no.: LB94368
matrix: WATER sample id: J2220-01 client id: EFF-180403-06MS
Percent Solids for Sample: 0 Spiked ID: J2220-01MS 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	11.5		1.9		10	96		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB94368 level: low sdg no.: LB94368
contract: lab code: CHEM case no.: LB94368 sas no.: LB94368
matrix: WATER sample id: J2220-01 client id: EFF-180403-06MSD
Percent Solids for Sample: 0 Spiked ID: J2220-01MSD 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	11.6		1.9		10	97		



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- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB94368 **Level:** LOW **SDG No.:** LB94368
Contract: **Lab Code:** CHEM **Case No.:** LB94368 **SAS No.:** LB94368
Matrix: WATER **Sample ID:** J2220-01MS **Client ID:** EFF-180403-06MSD
Percent Solids for Sample: 0 **Duplicate ID** J2220-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	11.5		11.6		1		



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- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94368

SDG No.: LB94368

Contract:

Lab Code: CHEM

Case No.: LB94368

SAS No.: LB94368

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB94368BSW TOC	mg/L	10	10.2		102	90 - 110	