

Daily Analysis Runlog For Sequence/QC Batch ID # LB94350

Review By		Review On				
SubDirectory		LB94350		Test : TOC		
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	04/03/18 16:09		OK
11	CCB1	CCB1	CCB	04/03/18 16:22		OK
12	LB94350BLW	LB94350BLW	MB	04/03/18 16:38		OK
13	LB94350BSW	LB94350BSW	LCS	04/03/18 16:57		OK
14	J2132-09	NW6	SAM	04/03/18 17:16		OK
15	J2132-02	MW8	SAM	04/03/18 17:33		OK
16	J2132-02DUP	MW8DUP	DUP	04/03/18 17:51		OK
17	J2132-02MS	MW8MS	MS	04/03/18 18:10		OK
18	J2132-02MSD	MW8MSD	MSD	04/03/18 18:28		OK
19	CCV2	CCV2	CCV	04/03/18 19:33		OK
20	CCB2	CCB2	CCB	04/03/18 19:46		OK



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Report of Analysis

Client:		Date Collected:	3/28/2018 12:00:00 AM
Project:	LB94350	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	MW8	SDG No.:	LB94350
Lab Sample ID:	J2132-02	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	2.5		1	0.08		0.5	mg/L		04/03/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	3/28/2018 12:00:00 AM
Project:	LB94350	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	NW6	SDG No.:	LB94350
Lab Sample ID:	J2132-09	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	15.9	D	2	0.16		1	mg/L		04/03/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	3/28/2018 12:00:00 AM
Project:	LB94350	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	NW6	SDG No.:	LB94350
Lab Sample ID:	J2132-09	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



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94350

SDG No.: LB94350

Contract: _____ Lab Code: CHEM

Case No.: LB94350

SAS No.: LB94350

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	9.7	10	97		90 - 110		04/03/2018	16:09	LB94350
CCV2	TOC	9.7	10	97		90 - 110		04/03/2018	19:33	LB94350



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94350 SDG No.: LB94350
Contract: Lab Code: CHEM Case No.: LB94350 SAS No.: LB94350

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	LB94350



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94350

SDG No.: LB94350

Contract:

Lab Code: CHEM

Case No.: LB94350

SAS No.: LB94350

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	0.4	+/-0.5	J			0.5	04/03/2018	16:22	LB94350
CCB2	TOC	0.31	+/-0.5	J			0.5	04/03/2018	19:46	LB94350



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94350

SDG No.: LB94350

Contract: _____

Lab Code: CHEM

Case No.: LB94350

SAS No.: LB94350

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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- 3b -
PREPARATION BLANK SUMMARY

Client: LB94350

SDG No.: LB94350

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
LB94350BLW	TOC	WATER 0.11	<0.5	Batch Number: J		0.5		Prep Date: 04/03/2018	16:38	LB94350



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- 5a -
MATRIX SPIKE SUMMARY

client: LB94350 level: low sdg no.: LB94350
contract: lab code: CHEM case no.: LB94350 sas no.: LB94350
matrix: WATER sample id: J2132-02 client id: MW8MS
Percent Solids for Sample: 0 Spiked ID: J2132-02MS 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	11.9		2.5		10	94		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB94350 level: low sdg no.: LB94350
contract: lab code: CHEM case no.: LB94350 sas no.: LB94350
matrix: WATER sample id: J2132-02 client id: MW8MSD
Percent Solids for Sample: 0 Spiked ID: J2132-02MSD 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	11.9		2.5		10	94		

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DUPLICATE SAMPLE SUMMARY

Client: LB94350 **Level:** LOW **SDG No.:** LB94350
Contract: **Lab Code:** CHEM **Case No.:** LB94350 **SAS No.:** LB94350
Matrix: WATER **Sample ID:** J2132-02 **Client ID:** MW8DUP
Percent Solids for Sample: 0 **Duplicate ID** J2132-02DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	2.5		2.6		4		



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DUPLICATE SAMPLE SUMMARY

Client: LB94350 Level: LOW SDG No.: LB94350
Contract: _____ Lab Code: CHEM Case No.: LB94350 SAS No.: LB94350
Matrix: WATER Sample ID: J2132-02MS Client ID: MW8MSD
Percent Solids for Sample: 0 Duplicate ID J2132-02MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	11.9		11.9		0		

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94350

SDG No.: LB94350

Contract:

Lab Code: CHEM

Case No.: LB94350

SAS No.: LB94350

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB94350BSW TOC	mg/L	10	10.3		103	90 - 110	