

Daily Analysis Runlog For Sequence/QC Batch ID # LB96171

Review By		Review On				
SubDirectory		LB96171		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		WP65360,WP65361,WP65362,WP65363,WP65364,WP65365,WP65366,WP65367,WP65368				
ICV Standard		WP65369				
CCV Standard		WP65366				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP65369				
Chk Standard		WP64955				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPM	0.0PPM	CAL1	06/15/18 10:55		OK
2	0.5PPM	0.5PPM	CAL2	06/15/18 11:09		OK
3	1.0PPM	1.0PPM	CAL3	06/15/18 11:22		OK
4	2.0PPM	2.0PPM	CAL4	06/15/18 11:36		OK
5	5.0PPM	5.0PPM	CAL5	06/15/18 11:49		OK
6	10.0PPM	10.0PPM	CAL6	06/15/18 12:03		OK
7	20.0PPM	20.0PPM	CAL7	06/15/18 12:18		OK
8	ICV1	ICV1	ICV	06/15/18 12:32		OK
9	ICB1	ICB1	ICB	06/15/18 12:45		OK
10	CCV1	CCV1	CCV	06/21/18 09:40		OK
11	CCB1	CCB1	CCB	06/21/18 09:53		OK
12	LB96171BLW	LB96171BLW	MB	06/21/18 10:16		OK
13	LB96171BSW	LB96171BSW	LCS	06/21/18 10:45		OK
14	J3634-01	DSN-002A-062018	SAM	06/21/18 11:36		OK
15	J3634-01DUP	DSN-002A-062018D	DUP	06/21/18 12:05		OK
16	J3634-01MS	DSN-002A-062018M	MS	06/21/18 12:36		OK
17	J3634-01MSD	DSN-002A-062018M	MSD	06/21/18 13:08		OK
18	CCV2	CCV2	CCV	06/21/18 13:23		OK
19	CCB2	CCB2	CCB	06/21/18 13:52		OK



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Report of Analysis

Client:		Date Collected:	6/20/2018 12:00:00 AM
Project:	LB96171	Date Received:	6/20/2018 12:00:00 AM
Client Sample ID:	DSN-002A-062018	SDG No.:	LB96171
Lab Sample ID:	J3634-01	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	6.3		1	0.097		0.5	mg/L		06/21/2018	9060



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Client Sample ID:	DSN-002A-062018	SDG No.:	LB96171
Lab Sample ID:	J3634-01	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 VERIFICATION

Client: LB96171

SDG No.: LB96171

Contract: _____ Lab Code: CHEM

Case No.: LB96171

SAS No.: LB96171

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	9.6	10	96		90 - 110		06/21/2018	09:40	lb96171
CCV2	TOC	10.2	10	102		90 - 110		06/21/2018	13:23	lb96171



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB96171 **SDG No.:** LB96171
Contract: **Lab Code:** CHEM **Case No.:** LB96171 **SAS No.:** LB96171

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TOC	0.18	+/-0.5	J		0.5		06/15/2018	12:45	lb96171

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	0.19	+/-0.5	J		0.5		06/21/2018	09:53	1b96171
CCB2	TOC	0.2	+/-0.5	J		0.5		06/21/2018	13:52	1b96171



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB96171

SDG No.: LB96171

Contract: Lab Code: CHEM

Case No.: LB96171

SAS No.: LB96171

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

Client: LB96171

SDG No.: LB96171

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
LB96171BLW	TOC	WATER 0.11	<0.5	Batch Number: J		0.5		Prep Date: 06/21/2018	10:16	lb96171



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MATRIX SPIKE SUMMARY

client: LB96171 level: low sdg no.: LB96171
contract: lab code: CHEM case no.: LB96171 sas no.: LB96171
matrix: WATER sample id: J3634-01 client id: DSN-002A-062018MS
Percent Solids for Sample: 0 Spiked ID: J3634-01MS 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	15.6		6.3		10	93		



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MATRIX SPIKE DUPLICATE SUMMARY

client: LB96171 level: low sdg no.: LB96171
contract: lab code: CHEM case no.: LB96171 sas no.: LB96171
matrix: WATER sample id: J3634-01 client id: DSN-002A-062018MSD
Percent Solids for Sample: 0 Spiked ID: J3634-01MSD 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	16.3		6.3		10	100		

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DUPLICATE SAMPLE SUMMARY

Client: LB96171 **Level:** LOW **SDG No.:** LB96171
Contract: **Lab Code:** CHEM **Case No.:** LB96171 **SAS No.:** LB96171
Matrix: WATER **Sample ID:** J3634-01 **Client ID:** DSN-002A-062018DUP
Percent Solids for Sample: 0 **Duplicate ID** J3634-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	6.3		6.6		5		

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DUPLICATE SAMPLE SUMMARY

Client: LB96171 **Level:** LOW **SDG No.:** LB96171
Contract: **Lab Code:** CHEM **Case No.:** LB96171 **SAS No.:** LB96171
Matrix: WATER **Sample ID:** J3634-01MS **Client ID:** DSN-002A-062018MSD
Percent Solids for Sample: 0 **Duplicate ID** J3634-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	15.6		16.3		4		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB96171

SDG No.: LB96171

Contract:

Lab Code: CHEM

Case No.: LB96171

SAS No.: LB96171

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB96171BSW TOC	mg/L	10	10.2		102	90 - 110	