

Daily Analysis Runlog For Sequence/QC Batch ID # LB87831

Review By		Review On				
SubDirectory		LB87831		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		WP55280,WP55281,WP55282,WP55283,WP55284,WP55285,WP55286,WP55287,WP55288				
ICV Standard		WP55289				
CCV Standard		WP55287				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP55289				
Chk Standard		WP53260				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPM	0.0PPM	CAL1	05/30/17 14:14		OK
2	0.5PPM	0.5PPM	CAL2	05/30/17 14:27		OK
3	1.0PPM	1.0PPM	CAL3	05/30/17 14:40		OK
4	2.0PPM	2.0PPM	CAL4	05/30/17 14:53		OK
5	5.0PPM	5.0PPM	CAL5	05/30/17 15:07		OK
6	10.0PPM	10.0PPM	CAL6	05/30/17 15:21		OK
7	20.0PPM	20.0PPM	CAL7	05/30/17 15:35		OK
8	ICV1	ICV1	ICV	05/30/17 15:52		OK
9	ICB1	ICB1	ICB	05/30/17 16:04		OK
10	CCV1	CCV1	CCV	06/02/17 16:59		OK
11	CCB1	CCB1	CCB	06/02/17 17:11		OK
12	LB87831BLW	LB87831BLW	MB	06/02/17 17:28		OK
13	LB87831BSW	LB87831BSW	LCS	06/02/17 17:47		OK
14	I3461-01	EFFLUENT-1	SAM	06/02/17 18:06		OK
15	I3461-01DUP	EFFLUENT-1DUP	DUP	06/02/17 18:24		OK
16	I3461-01MS	EFFLUENT-1MS	MS	06/02/17 18:44		OK
17	I3461-01MSD	EFFLUENT-1MSD	MSD	06/02/17 19:03		OK
18	CCV2	CCV2	CCV	06/02/17 19:17		OK
19	CCB2	CCB2	CCB	06/02/17 19:30		OK



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Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87831	Date Received:	6/2/2017 12:00:00 AM
Client Sample ID:	EFFLUENT-1	SDG No.:	LB87831
Lab Sample ID:	I3461-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	3.6		1	0.08		0.5	mg/L		06/02/2017	SM5310B



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Client Sample ID:	EFFLUENT-1	SDG No.:	LB87831
Lab Sample ID:	I3461-01	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: LB87831

SDG No.: LB87831

Contract: _____ Lab Code: CHEM

Case No.: LB87831 SAS No.: LB87831

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	TOC	10.4	10	104	0	90 - 110		05/30/2017	15:52	LB87831



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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB87831

SDG No.: LB87831

Contract: _____ Lab Code: CHEM

Case No.: LB87831

SAS No.: LB87831

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	TOC	9.3	10	93	0	90 - 110		06/02/2017	16:59	LB87831
CCV2	TOC	10	10	100	0	90 - 110		06/02/2017	19:17	LB87831



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87831

SDG No.: LB87831

Contract:

Lab Code: CHEM

Case No.: LB87831

SAS No.: LB87831

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TOC	0.25	+/-0.5	J		0.5		05/30/2017	16:04	LB87831

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	0.13	+/-0.5	J			0.5	06/02/2017	17:11	LB87831
CCB2	TOC	0.13	+/-0.5	J			0.5	06/02/2017	19:30	LB87831



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87831

SDG No.: LB87831

Contract: Lab Code: CHEM

Case No.: LB87831

SAS No.: LB87831

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: LB87831

SDG No.: LB87831

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
LB87831BLW	TOC	WATER 0.082	<0.5	Batch Number: J		0.5		Prep Date: 06/02/2017	17:28	LB87831



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MATRIX SPIKE SUMMARY

client: LB87831 level: low sdg no.: LB87831
contract: lab code: CHEM case no.: LB87831 sas no.: LB87831
matrix: WATER sample id: I3461-01 client id: EFFLUENT-1MS
Percent Solids for Sample: 0 Spiked ID: I3461-01MS 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	14.2		3.6		10	106		



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MATRIX SPIKE DUPLICATE SUMMARY

client: LB87831 level: low sdg no.: LB87831
contract: lab code: CHEM case no.: LB87831 sas no.: LB87831
matrix: WATER sample id: I3461-01 client id: EFFLUENT-1MSD
Percent Solids for Sample: 0 Spiked ID: I3461-01MSD 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	14.6		3.6		10	110		

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DUPLICATE SAMPLE SUMMARY

Client: LB87831 **Level:** LOW **SDG No.:** LB87831
Contract: **Lab Code:** CHEM **Case No.:** LB87831 **SAS No.:** LB87831
Matrix: WATER **Sample ID:** I3461-01 **Client ID:** EFFLUENT-1DUP
Percent Solids for Sample: 0 **Duplicate ID** I3461-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	3.6			4	11		

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DUPLICATE SAMPLE SUMMARY

Client: LB87831 **Level:** LOW **SDG No.:** LB87831
Contract: **Lab Code:** CHEM **Case No.:** LB87831 **SAS No.:** LB87831
Matrix: WATER **Sample ID:** I3461-01MS **Client ID:** EFFLUENT-1MSD
Percent Solids for Sample: 0 **Duplicate ID** I3461-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	14.2		14.6		3		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB87831

SDG No.: LB87831

Contract:

Lab Code: CHEM

Case No.: LB87831

SAS No.: LB87831

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB87831BSW TOC	mg/L	10	10.2		102	90 - 110	