

Daily Analysis Runlog For Sequence/QC Batch ID # LB92065

Review By

SubDirectory

Review On

Test : TOC

LB92065

STD. NAME		STD REF.#				
ICAL Standard		WP59690,WP59691,WP59692,WP59693,WP59695,WP59696,WP59697,WP59698				
ICV Standard		WP59699				
CCV Standard		WP59697				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP59699				
Chk Standard		WP57902				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPM	0.0PPM	CAL1	11/16/17 10:43		OK
2	0.5PPM	0.5PPM	CAL2	11/16/17 10:56		OK
3	1.0PPM	1.0PPM	CAL3	11/16/17 11:09		OK
4	2.0PPM	2.0PPM	CAL4	11/16/17 11:21		OK
5	5.0PPM	5.0PPM	CAL5	11/16/17 11:34		OK
6	10.0PPM	10.0PPM	CAL6	11/16/17 11:48		OK
7	20.0PPM	20.0PPM	CAL7	11/16/17 12:01		OK
8	ICV1	ICV1	ICV	11/16/17 12:32		OK
9	ICB1	ICB1	ICB	11/16/17 12:45		OK
10	CCV1	CCV1	CCV	12/11/17 11:36		OK
11	CCB1	CCB1	CCB	12/11/17 11:49		OK
12	LB92065BLW	LB92065BLW	MB	12/11/17 12:04		OK
13	LB92065BSW	LB92065BSW	LCS	12/11/17 12:22		OK
14	I6795-01	MW-4	SAM	12/11/17 12:39		OK
15	I6795-02	MW-8	SAM	12/11/17 12:56		OK
16	I6795-03	MW-10	SAM	12/11/17 13:13		OK
17	I6795-05	MW-12	SAM	12/11/17 13:31		OK
18	I6795-06	NW-1	SAM	12/11/17 13:49		OK
19	I6795-07	NW-3	SAM	12/11/17 14:07		OK
20	I6795-08	NW-4	SAM	12/11/17 14:24		OK
21	I6795-09	NW-6	SAM	12/11/17 14:41		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB92065

Review By		Review On				
SubDirectory		LB92065		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		WP59690,WP59691,WP59692,WP59693,WP59695,WP59696,WP59697,WP59698				
ICV Standard		WP59699				
CCV Standard		WP59697				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP59699				
Chk Standard		WP57902				
22	CCV2	CCV2	CCV	12/11/17 14:54		OK
23	CCB2	CCB2	CCB	12/11/17 15:52		OK
24	I6795-07DUP	NW-3DUP	DUP	12/11/17 16:09		OK
25	I6795-07MS	NW-3MS	MS	12/11/17 16:28		OK
26	I6795-07MSD	NW-3MSD	MSD	12/11/17 16:46		OK
27	CCV3	CCV3	CCV	12/11/17 16:59		OK
28	CCB3	CCB3	CCB	12/11/17 17:12		OK



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Report of Analysis

Client:		Date Collected:	12/7/2017 12:00:00 AM
Project:	LB92065	Date Received:	12/7/2017 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	LB92065
Lab Sample ID:	I6795-01	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	16	D	2	0.16		1	mg/L		12/11/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	12/7/2017 12:00:00 AM
Project:	LB92065	Date Received:	12/7/2017 12:00:00 AM
Client Sample ID:	MW-8	SDG No.:	LB92065
Lab Sample ID:	I6795-02	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	3.1		1	0.08		0.5	mg/L		12/11/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	12/7/2017 12:00:00 AM
Project:	LB92065	Date Received:	12/7/2017 12:00:00 AM
Client Sample ID:	MW-10	SDG No.:	LB92065
Lab Sample ID:	I6795-03	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	4.2		1	0.08		0.5	mg/L		12/11/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	12/7/2017 12:00:00 AM
Project:	LB92065	Date Received:	12/7/2017 12:00:00 AM
Client Sample ID:	MW-12	SDG No.:	LB92065
Lab Sample ID:	I6795-05	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	38	D	5	0.4		2.5	mg/L		12/11/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	12/7/2017 12:00:00 AM
Project:	LB92065	Date Received:	12/7/2017 12:00:00 AM
Client Sample ID:	NW-1	SDG No.:	LB92065
Lab Sample ID:	I6795-06	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	155	D	10	0.8		5	mg/L		12/11/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	12/7/2017 12:00:00 AM
Project:	LB92065	Date Received:	12/7/2017 12:00:00 AM
Client Sample ID:	NW-3	SDG No.:	LB92065
Lab Sample ID:	I6795-07	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	8.3		1	0.08		0.5	mg/L		12/11/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	12/7/2017 12:00:00 AM
Project:	LB92065	Date Received:	12/7/2017 12:00:00 AM
Client Sample ID:	NW-4	SDG No.:	LB92065
Lab Sample ID:	I6795-08	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	3.7		1	0.08		0.5	mg/L		12/11/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	12/7/2017 12:00:00 AM
Project:	LB92065	Date Received:	12/7/2017 12:00:00 AM
Client Sample ID:	NW-6	SDG No.:	LB92065
Lab Sample ID:	I6795-09	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	16.3	D	2	0.16		1	mg/L		12/11/2017	SM5310B



Report of Analysis

Client:		Date Collected:	12/7/2017 12:00:00 AM
Project:	LB92065	Date Received:	12/7/2017 12:00:00 AM
Client Sample ID:	NW-6	SDG No.:	LB92065
Lab Sample ID:	I6795-09	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: LB92065

SDG No.: LB92065

Contract: _____

Lab Code: CHEM

Case No.: LB92065

SAS No.: LB92065

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		11/16/2017	12:32	LB92065



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92065

SDG No.: LB92065

Contract: _____ Lab Code: CHEM

Case No.: LB92065

SAS No.: LB92065

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	10.3	10	103	0	90 - 110		12/11/2017	11:36	LB92065
CCV2	TOC	10.3	10	103	0	90 - 110		12/11/2017	14:54	LB92065
CCV3	TOC	10.7	10	107	0	90 - 110		12/11/2017	16:59	LB92065



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92065

SDG No.: LB92065

Contract:

Lab Code: CHEM

Case No.: LB92065

SAS No.: LB92065

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		11/16/2017	12:45	LB92065



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92065

SDG No.: LB92065

Contract:

Lab Code: CHEM

Case No.: LB92065

SAS No.: LB92065

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	0.39	+/-0.5	J			0.5	12/11/2017	11:49	LB92065
CCB2	TOC	0.24	+/-0.5	J			0.5	12/11/2017	15:52	LB92065
CCB3	TOC	0.44	+/-0.5	J			0.5	12/11/2017	17:12	LB92065



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92065

SDG No.: LB92065

Contract: Lab Code: CHEM

Case No.: LB92065

SAS No.: LB92065

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

Client: LB92065

SDG No.: LB92065

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
LB92065BLW	TOC	WATER 0.26	<0.5	Batch Number: J		0.5		Prep Date: 12/11/2017	12:04	LB92065



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB92065 level: low sdg no.: LB92065
contract: lab code: CHEM case no.: LB92065 sas no.: LB92065
matrix: WATER sample id: I6795-07 client id: NW-3MS
Percent Solids for Sample: 0 Spiked ID: I6795-07MS 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	16.5		8.3		10	82		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB92065 level: low sdg no.: LB92065
contract: lab code: CHEM case no.: LB92065 sas no.: LB92065
matrix: WATER sample id: I6795-07 client id: NW-3MSD
Percent Solids for Sample: 0 Spiked ID: I6795-07MSD 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	17.3		8.3		10	90		



GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB92065 Level: LOW SDG No.: LB92065
Contract: _____ Lab Code: CHEM Case No.: LB92065 SAS No.: LB92065
Matrix: WATER Sample ID: I6795-07 Client ID: NW-3DUP
Percent Solids for Sample: 0 Duplicate ID I6795-07DUP Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	8.3		7.6		9		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB92065 **Level:** LOW **SDG No.:** LB92065
Contract: **Lab Code:** CHEM **Case No.:** LB92065 **SAS No.:** LB92065
Matrix: WATER **Sample ID:** I6795-07MS **Client ID:** NW-3MSD
Percent Solids for Sample: 0 **Duplicate ID** I6795-07MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	16.5		17.3		5		



GENCHEM

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB92065

SDG No.: LB92065

Contract:

Lab Code: CHEM

Case No.: LB92065

SAS No.: LB92065

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB92065BSW TOC	mg/L	10	9.8		98	90 - 110	