

Daily Analysis Runlog For Sequence/QC Batch ID # LB92392

Review By		Review On				
SubDirectory		LB92392		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		WP60583,WP60584,WP60585,WP60586,WP60587,WP60588,WP60589,WP60590,WP60591				
ICV Standard		WP60592				
CCV Standard		WP60590				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP60592				
Chk Standard		WP57902				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPM	0.0PPM	CAL1	12/27/17 09:35		OK
2	0.5PPM	0.5PPM	CAL2	12/27/17 09:48		OK
3	1.0PPM	1.0PPM	CAL3	12/27/17 10:01		OK
4	2.0PPM	2.0PPM	CAL4	12/27/17 10:14		OK
5	5.0PPM	5.0PPM	CAL5	12/27/17 10:40		OK
6	10.0PPM	10.0PPM	CAL6	12/27/17 10:54		OK
7	20.0PPM	20.0PPM	CAL7	12/27/17 11:07		OK
8	ICV1	ICV1	ICV	12/27/17 11:21		OK
9	ICB1	ICB1	ICB	12/27/17 11:33		OK
10	CCV1	CCV1	CCV	12/27/17 11:47		OK
11	CCB1	CCB1	CCB	12/27/17 11:59		OK
12	LB92392BLW	LB92392BLW	MB	12/27/17 12:15		OK
13	LB92392BSW	LB92392BSW	LCS	12/27/17 12:33		OK
14	I6992-03	MW-3I	SAM	12/27/17 13:25		OK
15	I6992-03DUP	MW-3IDUP	DUP	12/27/17 13:41		OK
16	I6992-01	MW-6I	SAM	12/27/17 14:02	High	Dilution
17	I6992-02	MW-12	SAM	12/27/17 14:21	High	Dilution
18	I6992-04	DUP	SAM	12/27/17 14:41	High	Dilution
19	I6992-03MS	MW-3IMS	MS	12/27/17 15:16		OK
20	I6992-03MSD	MW-3IMSD	MSD	12/27/17 15:34		OK
21	CCV2	CCV2	CCV	12/27/17 15:48		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB92392

Review By		Review On				
SubDirectory		LB92392		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		WP60583,WP60584,WP60585,WP60586,WP60587,WP60588,WP60589,WP60590,WP60591				
ICV Standard		WP60592				
CCV Standard		WP60590				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP60592				
Chk Standard		WP57902				
22	CCB2	CCB2	CCB	12/27/17 16:00		OK
23	I6992-01DL	MW-6IDL	SAM	12/27/17 16:18	Report 100X	Confirms
24	I6992-02DL	MW-12DL	SAM	12/27/17 16:35	Report 100X	Confirms
25	I6992-04DL	DUPDL	SAM	12/27/17 16:52	Report 100X	Confirms
26	CCV3	CCV3	CCV	12/27/17 17:06		OK
27	CCB3	CCB3	CCB	12/27/17 17:18		OK



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	12/18/2017 12:00:00 AM
Project:	LB92392	Date Received:	12/19/2017 12:00:00 AM
Client Sample ID:	MW-6I	SDG No.:	LB92392
Lab Sample ID:	I6992-01	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	910	OR	10	0.8		5	mg/L		12/27/2017	SM5310B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	12/18/2017 12:00:00 AM
Project:	LB92392	Date Received:	12/19/2017 12:00:00 AM
Client Sample ID:	MW-6IDL	SDG No.:	LB92392
Lab Sample ID:	I6992-01DL	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	1280	D	100	8		50	mg/L		12/27/2017	SM5310B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	12/18/2017 12:00:00 AM
Project:	LB92392	Date Received:	12/19/2017 12:00:00 AM
Client Sample ID:	MW-12	SDG No.:	LB92392
Lab Sample ID:	I6992-02	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	778	OR	10	0.8		5	mg/L		12/27/2017	SM5310B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	12/18/2017 12:00:00 AM
Project:	LB92392	Date Received:	12/19/2017 12:00:00 AM
Client Sample ID:	MW-12DL	SDG No.:	LB92392
Lab Sample ID:	I6992-02DL	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	1020	D	100	8		50	mg/L		12/27/2017	SM5310B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	12/18/2017 12:00:00 AM
Project:	LB92392	Date Received:	12/19/2017 12:00:00 AM
Client Sample ID:	MW-3I	SDG No.:	LB92392
Lab Sample ID:	I6992-03	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	1.2		1	0.08		0.5	mg/L		12/27/2017	SM5310B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	12/18/2017 12:00:00 AM
Project:	LB92392	Date Received:	12/19/2017 12:00:00 AM
Client Sample ID:	DUP	SDG No.:	LB92392
Lab Sample ID:	I6992-04	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	868	OR	10	0.8		5	mg/L		12/27/2017	SM5310B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	12/18/2017 12:00:00 AM
Project:	LB92392	Date Received:	12/19/2017 12:00:00 AM
Client Sample ID:	DUPDL	SDG No.:	LB92392
Lab Sample ID:	I6992-04DL	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	1150	D	100	8		50	mg/L		12/27/2017	SM5310B



Report of Analysis

Client:		Date Collected:	12/18/2017 12:00:00 AM
Project:	LB92392	Date Received:	12/19/2017 12:00:00 AM
Client Sample ID:	DUPDL	SDG No.:	LB92392
Lab Sample ID:	I6992-04DL	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
-----	-----------	-------	------	----	-----	-----	------------	-------	-----------	-----------	----------

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: LB92392

SDG No.: LB92392

Contract: _____

Lab Code: CHEM

Case No.: LB92392

SAS No.: LB92392

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		12/27/2017	11:21	LB92392



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92392

SDG No.: LB92392

Contract: _____ Lab Code: CHEM

Case No.: LB92392

SAS No.: LB92392

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	9.7	10	97	0	90 - 110		12/27/2017	11:47	LB92392
CCV2	TOC	10.7	10	107	0	90 - 110		12/27/2017	15:48	LB92392
CCV3	TOC	10.2	10	102	0	90 - 110		12/27/2017	17:06	LB92392



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92392 **SDG No.:** LB92392
Contract: **Lab Code:** CHEM **Case No.:** LB92392 **SAS No.:** LB92392

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TOC	0.32	+/-0.5	J		0.5		12/27/2017	11:33	LB92392

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	0.25	+/-0.5	J		0.5		12/27/2017	11:59	LB92392
CCB2	TOC	0.48	+/-0.5	J		0.5		12/27/2017	16:00	LB92392
CCB3	TOC	0.36	+/-0.5	J		0.5		12/27/2017	17:18	LB92392



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92392

SDG No.: LB92392

Contract: Lab Code: CHEM

Case No.: LB92392

SAS No.: LB92392

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



GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB92392

SDG No.: LB92392

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
LB92392BLW	TOC	WATER 0.2	<0.5	Batch Number: J		0.5		Prep Date: 12/27/2017	12:15	LB92392



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB92392 level: low sdg no.: LB92392
contract: lab code: CHEM case no.: LB92392 sas no.: LB92392
matrix: WATER sample id: I6992-03 client id: MW-3IMS
Percent Solids for Sample: 0 Spiked ID: I6992-03MS 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	12.3		1.2		10	111		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB92392 level: low sdg no.: LB92392
contract: lab code: CHEM case no.: LB92392 sas no.: LB92392
matrix: WATER sample id: I6992-03 client id: MW-3IMSD
Percent Solids for Sample: 0 Spiked ID: I6992-03MSD 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	11.5		1.2		10	103		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB92392 **Level:** LOW **SDG No.:** LB92392
Contract: **Lab Code:** CHEM **Case No.:** LB92392 **SAS No.:** LB92392
Matrix: WATER **Sample ID:** I6992-03 **Client ID:** MW-3IDUP
Percent Solids for Sample: 0 **Duplicate ID** I6992-03DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	1.2		1.1		9		



GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB92392 Level: LOW SDG No.: LB92392
Contract: Lab Code: CHEM Case No.: LB92392 SAS No.: LB92392
Matrix: WATER Sample ID: I6992-03MS Client ID: MW-3IMSD
Percent Solids for Sample: 0 Duplicate ID I6992-03MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	12.3		11.5		7		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB92392

SDG No.: LB92392

Contract:

Lab Code: CHEM

Case No.: LB92392

SAS No.: LB92392

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB92392BSW TOC	mg/L	10	10		100	90 - 110	