

Daily Analysis Runlog For Sequence/QC Batch ID # LB95449

Review By		Review On				
SubDirectory		LB95449		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		wp64486,wp64487,wp64488,wp64489,wp64490,wp64491,wp64492,wp64493				
ICV Standard		WP64495				
CCV Standard		wp64492				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP64495				
Chk Standard		wp62726				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPM	0.0PPM	CAL1	05/15/18 11:50		OK
2	0.5PPM	0.5PPM	CAL2	05/15/18 12:03		OK
3	1.0PPM	1.0PPM	CAL3	05/15/18 12:16		OK
4	2.0PPM	2.0PPM	CAL4	05/15/18 12:29		OK
5	5.0PPM	5.0PPM	CAL5	05/15/18 12:43		OK
6	10.0PPM	10.0PPM	CAL6	05/15/18 12:57		OK
7	20.0PPM	20.0PPM	CAL7	05/15/18 13:12		OK
8	ICV1	ICV1	ICV	05/15/18 13:28		OK
9	ICB1	ICB1	ICB	05/15/18 13:41		OK
10	CCV1	CCV1	CCV	05/18/18 09:12		OK
11	CCB1	CCB1	CCB	05/18/18 09:25		OK
12	J2975-01	380503087-B-1119	SAM	05/18/18 10:16		OK
13	J2975-01DUP	380503087-B-1119DUP	DUP	05/18/18 10:33		OK
14	J2975-02	380508010-B-1120	SAM	05/18/18 10:50		OK
15	J2975-03	380508011-B-1121	SAM	05/18/18 11:07		OK
16	J2975-04	380510025-B-1122	SAM	05/18/18 11:25		OK
17	J2975-05	380515016-B-1123	SAM	05/18/18 11:42		OK
18	J2975-01MS	380503087-B-1119MS	MS	05/18/18 12:01		OK
19	J2975-01MSD	380503087-B-1119MSD	MSD	05/18/18 12:19		OK
20	CCV2	CCV2	CCV	05/18/18 12:32		OK
21	CCB2	CCB2	CCB	05/18/18 12:45		OK

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SubDirectory		LB95449		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		wp64486,wp64487,wp64488,wp64489,wp64490,wp64491,wp64492,wp64493				
ICV Standard		WP64495				
CCV Standard		wp64492				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP64495				
Chk Standard		wp62726				
22	J2975-06	380515017-B-1124	SAM	05/18/18 13:03		OK
23	J2976-01	380503088-M-1119	SAM	05/18/18 13:20		OK
24	J2976-02	380508008-M-1120	SAM	05/18/18 13:38		OK
25	CCV3	CCV3	CCV	05/18/18 16:40		OK
26	CCB3	CCB3	CCB	05/18/18 16:52		OK
27	J2978-01	380503090-MANHOL	SAM	05/18/18 20:46		OK
28	J2978-02	380503091-MANHOL	SAM	05/18/18 21:04		OK
29	CCV4	CCV4	CCV	05/18/18 21:18		OK
30	CCB4	CCB4	CCB	05/18/18 21:44		OK
31	LB95449BLW2	LB95449BLW2	MB	05/18/18 22:00		OK
32	LB95449BSW2	LB95449BSW2	LCS	05/18/18 22:19		OK
33	J2978-03	380508013-MANHOL	SAM	05/18/18 22:37		OK
34	J2978-04	380510023-MANHOL	SAM	05/18/18 22:55		OK
35	J2978-05	380515021-MANHOL	SAM	05/18/18 23:13		OK
36	J2980-01	380508177-WELL2-I	SAM	05/18/18 23:31		OK
37	J2980-02	380508178-WELL1-I	SAM	05/18/18 23:48		OK
38	J2980-03	380508179-WELL3-I	SAM	05/19/18 00:07		OK
39	J2980-04	380508180-WELL5-I	SAM	05/19/18 00:25		OK
40	J2981-01	380502111	SAM	05/19/18 00:43		OK
41	CCV5	CCV5	CCV	05/19/18 00:57		OK
42	CCB5	CCB5	CCB	05/19/18 01:23		OK
43	LB95449BLW3	LB95449BLW3	MB	05/19/18 01:39		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB95449

Review By			Review On			
SubDirectory		LB95449		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		wp64486,wp64487,wp64488,wp64489,wp64490,wp64491,wp64492,wp64493				
ICV Standard		WP64495				
CCV Standard		wp64492				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP64495				
Chk Standard		wp62726				
44	LB95449BSW3	LB95449BSW3	LCS	05/19/18 01:57		OK
45	J2985-01	380503114.2	SAM	05/19/18 02:15		OK
46	J2985-01DUP	380503114.2DUP	DUP	05/19/18 02:33		OK
47	J2982-01	380503089-JOS-1119	SAM	05/19/18 02:51		OK
48	J2982-02	380510024-JOS-1121	SAM	05/19/18 03:10		OK
49	J2985-01MS	380503114.2MS	MS	05/19/18 03:28		OK
50	J2985-01MSD	380503114.2MSD	MSD	05/19/18 03:46		OK
51	CCV6	CCV6	CCV	05/19/18 04:00		OK
52	CCB6	CCB6	CCB	05/19/18 04:26		OK
53	J2976-03	380508009-M-1121	SAM	05/19/18 08:18		OK
54	J2976-05	380515014-M-1123	SAM	05/19/18 08:52		OK
55	J2976-04	380510026-M-1122	SAM	05/19/18 09:25		OK
56	CCV7	CCV7	CCV	05/19/18 10:40		OK
57	CCB7	CCB7	CCB	05/19/18 11:06		OK
58	CCV8	CCV8	CCV	05/19/18 14:09		OK
59	CCB8	CCB8	CCB	05/19/18 14:22		OK
60	LB95449BLW	LB95449BLW	MB	05/19/18 14:38		OK
61	LB95449BSW	LB95449BSW	LCS	05/19/18 14:57		OK
62	J2976-06	3805015015-M-1124	SAM	05/19/18 15:31		OK
63	J2976-06DUP	3805015015-M-1124	DUP	05/19/18 19:26		OK
64	CCB9	CCB9	CCB	05/19/18 20:09		OK



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Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380503087-B-1119	SDG No.:	LB95449
Lab Sample ID:	J2975-01	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	2.8		1	0.08		0.5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/4/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380508010-B-1120	SDG No.:	LB95449
Lab Sample ID:	J2975-02	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	2.6		1	0.08		0.5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/4/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380508011-B-1121	SDG No.:	LB95449
Lab Sample ID:	J2975-03	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	2.5		1	0.08		0.5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/10/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380510025-B-1122	SDG No.:	LB95449
Lab Sample ID:	J2975-04	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	2.8		1	0.08		0.5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/11/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380515016-B-1123	SDG No.:	LB95449
Lab Sample ID:	J2975-05	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	2.8		1	0.08		0.5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/14/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380515017-B-1124	SDG No.:	LB95449
Lab Sample ID:	J2975-06	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	3.4		1	0.08		0.5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380503088-M-1119	SDG No.:	LB95449
Lab Sample ID:	J2976-01	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	6.8		1	0.08		0.5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/4/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380508008-M-1120	SDG No.:	LB95449
Lab Sample ID:	J2976-02	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	6.3		1	0.08		0.5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/7/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380508009-M-1121	SDG No.:	LB95449
Lab Sample ID:	J2976-03	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	8.4		1	0.08		0.5	mg/L		05/19/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/10/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380510026-M-1122	SDG No.:	LB95449
Lab Sample ID:	J2976-04	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	9.1		1	0.08		0.5	mg/L		05/19/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/11/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380515014-M-1123	SDG No.:	LB95449
Lab Sample ID:	J2976-05	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	7.3		1	0.08		0.5	mg/L		05/19/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/14/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	3805015015-M-1124	SDG No.:	LB95449
Lab Sample ID:	J2976-06	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	9.3		1	0.08		0.5	mg/L		05/19/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380503090-MANHOLE-SAMPLER	SDG No.:	LB95449
Lab Sample ID:	J2978-01	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	31.6	D	10	0.8		5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380503091-MANHOLE-SAMPLER	SDG No.:	LB95449
Lab Sample ID:	J2978-02	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	36.5	D	10	0.8		5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380508013-MANHOLE-SAMPLER	SDG No.:	LB95449
Lab Sample ID:	J2978-03	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	35.6	D	10	0.8		5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/10/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380510023-MANHOLE-SAMPLER	SDG No.:	LB95449
Lab Sample ID:	J2978-04	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	39.8	D	10	0.8		5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/15/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380515021-MANHOLE-SAMPLER	SDG No.:	LB95449
Lab Sample ID:	J2978-05	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	41.1	D	10	0.8		5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380508177-WELL2-IL164-18	SDG No.:	LB95449
Lab Sample ID:	J2980-01	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	6.4	D	5	0.4		2.5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380508178-WELL1-IL165-18	SDG No.:	LB95449
Lab Sample ID:	J2980-02	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	1.1		1	0.08		0.5	mg/L		05/18/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380508179-WELL3-IL166-18	SDG No.:	LB95449
Lab Sample ID:	J2980-03	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	14.5		1	0.08		0.5	mg/L		05/19/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380508180-WELL5-IL167-18	SDG No.:	LB95449
Lab Sample ID:	J2980-04	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	6.8		1	0.08		0.5	mg/L		05/19/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380502111	SDG No.:	LB95449
Lab Sample ID:	J2981-01	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	7.1		1	0.08		0.5	mg/L		05/19/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380503089-JOS-1119	SDG No.:	LB95449
Lab Sample ID:	J2982-01	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	1770	D	200	16		100	mg/L		05/19/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/10/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380510024-JOS-1122	SDG No.:	LB95449
Lab Sample ID:	J2982-02	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	1610	D	200	16		100	mg/L		05/19/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380503114.2	SDG No.:	LB95449
Lab Sample ID:	J2985-01	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	5.6		1	0.08		0.5	mg/L		05/19/2018	SM5310B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95449	Date Received:	5/17/2018 12:00:00 AM
Client Sample ID:	380503114.2	SDG No.:	LB95449
Lab Sample ID:	J2985-01	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



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95449

SDG No.: LB95449

Contract: _____

Lab Code: CHEM

Case No.: LB95449

SAS No.: LB95449

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
ICV1	TOC	10.2	10	102		90 - 110		05/15/2018	13:28	lb95449



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95449

SDG No.: LB95449

Contract: _____ Lab Code: CHEM

Case No.: LB95449

SAS No.: LB95449

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	10.9	10	109		90 - 110		05/18/2018	09:12	lb95449
CCV2	TOC	10.3	10	103		90 - 110		05/18/2018	12:32	lb95449
CCV3	TOC	10.8	10	108		90 - 110		05/18/2018	16:40	lb95449
CCV4	TOC	9.9	10	99		90 - 110		05/18/2018	21:18	lb95449
CCV5	TOC	10.8	10	108		90 - 110		05/19/2018	00:57	lb95449
CCV6	TOC	10.9	10	109		90 - 110		05/19/2018	04:00	lb95449
CCV7	TOC	10.6	10	106		90 - 110		05/19/2018	10:40	lb95449
CCV8	TOC	10.5	10	105		90 - 110		05/19/2018	14:09	lb95449



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95449 **SDG No.:** LB95449
Contract: **Lab Code:** CHEM **Case No.:** LB95449 **SAS No.:** LB95449

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TOC	0.21	+/-0.5	J		0.5		05/15/2018	13:41	lb95449

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		05/18/2018	09:25	1b95449
CCB2	TOC	0.32	+/-0.5	J		0.5		05/18/2018	12:45	1b95449
CCB3	TOC	0.42	+/-0.5	J		0.5		05/18/2018	16:52	1b95449
CCB4	TOC	0.3	+/-0.5	J		0.5		05/18/2018	21:44	1b95449
CCB5	TOC	0.35	+/-0.5	J		0.5		05/19/2018	01:23	1b95449
CCB6	TOC	0.27	+/-0.5	J		0.5		05/19/2018	04:26	1b95449
CCB7	TOC	0.034	+/-0.5	U		0.5		05/19/2018	11:06	1b95449
CCB8	TOC	0.34	+/-0.5	J		0.5		05/19/2018	14:22	1b95449
CCB9	TOC	0.38	+/-0.5	J		0.5		05/19/2018	20:09	1b95449



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

LB95449

SDG No.:

LB95449

Contract:

Lab Code:

CHEM

Case No.:

LB95449

SAS No.:

LB95449

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: LB95449

SDG No.: LB95449

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
LB95449BLW		WATER		Batch Number:				Prep Date:		
	TOC	0.17	<0.5	J		0.5		05/19/2018	14:38	lb95449
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
LB95449BLW2		WATER		Batch Number:				Prep Date:		
	TOC	0.24	<0.5	J		0.5		05/18/2018	22:00	lb95449
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
LB95449BLW3		WATER		Batch Number:				Prep Date:		
	TOC	0.28	<0.5	J		0.5		05/19/2018	01:39	lb95449



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95449 level: low sdg no.: LB95449
contract: lab code: CHEM case no.: LB95449 sas no.: LB95449
matrix: WATER sample id: J2975-01 client id: 380503087-B-1119MS
Percent Solids for Sample: 0 Spiked ID: J2975-01MS 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	12.2		2.8		10	94		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95449 level: low sdg no.: LB95449
contract: lab code: CHEM case no.: LB95449 sas no.: LB95449
matrix: WATER sample id: J2975-01 client id: 380503087-B-1119MSD
Percent Solids for Sample: 0 Spiked ID: J2975-01MSD 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	12.4		2.8		10	96		



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95449 level: low sdg no.: LB95449
contract: lab code: CHEM case no.: LB95449 sas no.: LB95449
matrix: WATER sample id: J2985-01 client id: 380503114.2MS
Percent Solids for Sample: 0 Spiked ID: J2985-01MS 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	14.1		5.6		10	85		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95449 level: low sdg no.: LB95449
contract: lab code: CHEM case no.: LB95449 sas no.: LB95449
matrix: WATER sample id: J2985-01 client id: 380503114.2MSD
Percent Solids for Sample: 0 Spiked ID: J2985-01MSD 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	15.7		5.6		10	101		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95449 **Level:** LOW **SDG No.:** LB95449
Contract: **Lab Code:** CHEM **Case No.:** LB95449 **SAS No.:** LB95449
Matrix: WATER **Sample ID:** J2975-01 **Client ID:** 380503087-B-1119DUP
Percent Solids for Sample: 0 **Duplicate ID** J2975-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	2.8		2.7		4		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95449 Level: LOW SDG No.: LB95449
Contract: Lab Code: CHEM Case No.: LB95449 SAS No.: LB95449
Matrix: WATER Sample ID: J2975-01MS Client ID: 380503087-B-1119MSD
Percent Solids for Sample: 0 Duplicate ID J2975-01MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	12.2		12.4		2		

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

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95449 Level: LOW SDG No.: LB95449
Contract: Lab Code: CHEM Case No.: LB95449 SAS No.: LB95449
Matrix: WATER Sample ID: J2976-06 Client ID: 3805015015-M-1124DUP
Percent Solids for Sample: 0 Duplicate ID J2976-06DUP Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	9.3		10		7		

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



GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95449 Level: LOW SDG No.: LB95449
Contract: _____ Lab Code: CHEM Case No.: LB95449 SAS No.: LB95449
Matrix: WATER Sample ID: J2985-01 Client ID: 380503114.2DUP
Percent Solids for Sample: 0 Duplicate ID J2985-01DUP Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	5.6		5.4		4		

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

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95449 **Level:** LOW **SDG No.:** LB95449
Contract: **Lab Code:** CHEM **Case No.:** LB95449 **SAS No.:** LB95449
Matrix: WATER **Sample ID:** J2985-01MS **Client ID:** 380503114.2MSD
Percent Solids for Sample: 0 **Duplicate ID** J2985-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	14.1		15.7		11		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95449

SDG No.: LB95449

Contract:

Lab Code: CHEM

Case No.: LB95449

SAS No.: LB95449

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB95449BSW TOC	mg/L	10	10		100	90 - 110	



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95449

SDG No.: LB95449

Contract:

Lab Code: CHEM

Case No.: LB95449

SAS No.: LB95449

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB95449BSW2 TOC	mg/L	10	10.2		102	90 - 110	



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95449

SDG No.: LB95449

Contract:

Lab Code: CHEM

Case No.: LB95449

SAS No.: LB95449

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB95449BSW3 TOC	mg/L	10	9.5		95	90 - 110	