

Daily Analysis Runlog For Sequence/QC Batch ID # LB94196

Review By

Review On

SubDirectory

LB94196

Test :

Anions

STD. NAME		STD REF.#				
ICAL Standard		WP60845,WP60846,WP60847,WP60848,WP60849,WP60850,WP60851				
ICV Standard		WP60852				
CCV Standard		wp60969				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		wp60983				
Chk Standard		wp60667,wp60668				

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	STD1	STD1	CAL1	01/09/18 12:09		OK
2	STD2	STD2	CAL2	01/09/18 12:40		OK
3	STD3	STD3	CAL3	01/09/18 13:11		OK
4	STD4	STD4	CAL4	01/09/18 13:42		OK
5	STD5	STD5	CAL5	01/09/18 14:13		OK
6	STD6	STD6	CAL6	01/09/18 14:44		OK
7	STD7	STD7	CAL7	01/09/18 15:15		OK
8	ICV1	ICV1	ICV	01/09/18 16:48		OK
9	ICB1	ICB1	ICB	01/09/18 17:18		OK
10	CCV1	CCV1	CCV	01/16/18 12:41		OK
11	CCB1	CCB1	CCB	01/16/18 13:15		OK
12	LB94196BLW	LB94196BLW	MB	01/16/18 13:46		OK
13	LB94196BSW	LB94196BSW	LCS	01/16/18 14:17		OK
14	DOC-1	DOC-1	LCS	01/16/18 14:47		OK
15	DOC-2	DOC-2	LCS	01/16/18 15:18		OK
16	DOC-3	DOC-3	LCS	01/16/18 15:49		OK
17	DOC-4	DOC-4	LCS	01/16/18 16:51		OK
18	CCV2	CCV2	CCV	01/16/18 17:22		OK
19	CCB2	CCB2	CCB	01/16/18 17:53		OK



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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94196

SDG No.: LB94196

Contract: _____ Lab Code: CHEM

Case No.: LB94196

SAS No.: LB94196

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	Bromide	9.9	10	99		90 - 110		01/09/2018	16:48	LB94196
	Chloride	3	3	100		90 - 110		01/09/2018	16:48	LB94196
	Fluoride	2	2	100		90 - 110		01/09/2018	16:48	LB94196
	Phosphorus, Ortho	5.4	5	108		90 - 110		01/09/2018	16:48	LB94196
	Nitrite	3	3	100		90 - 110		01/09/2018	16:48	LB94196
	Nitrate	2.5	2.5	100		90 - 110		01/09/2018	16:48	LB94196
	Sulfate	14.7	15	98		90 - 110		01/09/2018	16:48	LB94196



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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94196

SDG No.: LB94196

Contract: _____ Lab Code: CHEM

Case No.: LB94196

SAS No.: LB94196

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	Bromide	9.5	10	95		90 - 110		01/16/2018	12:41	LB94196
	Chloride	2.9	3	96.7		90 - 110		01/16/2018	12:41	LB94196
	Fluoride	2	2	100		90 - 110		01/16/2018	12:41	LB94196
	Phosphorus, Ortho	5.1	5	102		90 - 110		01/16/2018	12:41	LB94196
	Nitrite	2.8	3	93.3		90 - 110		01/16/2018	12:41	LB94196
	Nitrate	2.4	2.5	96		90 - 110		01/16/2018	12:41	LB94196
	Sulfate	14.2	15	94.7		90 - 110		01/16/2018	12:41	LB94196
CCV2	Bromide	9.6	10	96		90 - 110		01/16/2018	17:22	LB94196
	Chloride	2.9	3	96.7		90 - 110		01/16/2018	17:22	LB94196
	Fluoride	1.9	2	95		90 - 110		01/16/2018	17:22	LB94196
	Phosphorus, Ortho	5.3	5	106		90 - 110		01/16/2018	17:22	LB94196
	Nitrite	2.9	3	96.7		90 - 110		01/16/2018	17:22	LB94196
	Nitrate	2.4	2.5	96		90 - 110		01/16/2018	17:22	LB94196
	Sulfate	14.3	15	95.3		90 - 110		01/16/2018	17:22	LB94196



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94196

SDG No.: LB94196

Contract:

Lab Code: CHEM

Case No.: LB94196

SAS No.: LB94196

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Bromide	0.066	+/-0.5	U		0.5		01/09/2018	17:18	LB94196
	Chloride	0.075	+/-0.15	U		0.15		01/09/2018	17:18	LB94196
	Fluoride	0.043	+/-0.1	U		0.1		01/09/2018	17:18	LB94196
	Phosphorus, Ortho	0.01	+/-0.24	U		0.24		01/09/2018	17:18	LB94196
	Nitrite	0.022	+/-0.15	U		0.15		01/09/2018	17:18	LB94196
	Nitrate	0.027	+/-0.11	U		0.11		01/09/2018	17:18	LB94196
	Sulfate	0.13	+/-0.75	U		0.75		01/09/2018	17:18	LB94196

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Bromide	0.066	+/-0.5	U		0.5		01/16/2018	13:15	LB94196
	Chloride	0.075	+/-0.15	U		0.15		01/16/2018	13:15	LB94196
	Fluoride	0.043	+/-0.1	U		0.1		01/16/2018	13:15	LB94196
	Phosphorus, Ortho	0.01	+/-0.24	U		0.24		01/16/2018	13:15	LB94196
	Nitrite	0.022	+/-0.15	U		0.15		01/16/2018	13:15	LB94196
	Nitrate	0.027	+/-0.11	U		0.11		01/16/2018	13:15	LB94196
	Sulfate	0.13	+/-0.75	U		0.75		01/16/2018	13:15	LB94196
CCB2	Bromide	0.066	+/-0.5	U		0.5		01/16/2018	17:53	LB94196
	Chloride	0.075	+/-0.15	U		0.15		01/16/2018	17:53	LB94196
	Fluoride	0.043	+/-0.1	U		0.1		01/16/2018	17:53	LB94196
	Phosphorus, Ortho	0.01	+/-0.24	U		0.24		01/16/2018	17:53	LB94196
	Nitrite	0.022	+/-0.15	U		0.15		01/16/2018	17:53	LB94196
	Nitrate	0.027	+/-0.11	U		0.11		01/16/2018	17:53	LB94196
	Sulfate	0.13	+/-0.75	U		0.75		01/16/2018	17:53	LB94196



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94196

SDG No.: LB94196

Contract: Lab Code: CHEM

Case No.: LB94196

SAS No.: LB94196

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: LB94196

SDG No.: LB94196

Instrument: IC-1

Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
LB94196BLW		WATER		Batch Number:				Prep Date:		
	Bromide	0.066	<0.5	U		0.5		01/16/2018	13:46	LB94196
	Chloride	0.075	<0.15	U		0.15		01/16/2018	13:46	LB94196
	Fluoride	0.043	<0.1	U		0.1		01/16/2018	13:46	LB94196
	Phosphorus, Ortho	0.01	<0.24	U		0.24		01/16/2018	13:46	LB94196
	Nitrite	0.022	<0.15	U		0.15		01/16/2018	13:46	LB94196
	Nitrate	0.027	<0.11	U		0.11		01/16/2018	13:46	LB94196
	Sulfate	0.13	<0.75	U		0.75		01/16/2018	13:46	LB94196



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94196

SDG No.: LB94196

Contract:

Lab Code: CHEM

Case No.: LB94196

SAS No.: LB94196

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
DOC-1							
Bromide	mg/L	10	9.4		94	90 - 110	
Chloride	mg/L	3	2.9		96.7	90 - 110	
Fluoride	mg/L	2	1.8		90	90 - 110	
Phosphorus, Ortho	mg/L	5	5.1		102	90 - 110	
Nitrite	mg/L	3	2.9		96.7	90 - 110	
Nitrate	mg/L	2.5	2.3		92	90 - 110	
Sulfate	mg/L	15	14		93.3	90 - 110	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94196

SDG No.: LB94196

Contract:

Lab Code: CHEM

Case No.: LB94196

SAS No.: LB94196

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
DOC-2							
Bromide	mg/L	10	9.4		94	90 - 110	
Chloride	mg/L	3	2.8		93.3	90 - 110	
Fluoride	mg/L	2	1.9		95	90 - 110	
Phosphorus, Ortho	mg/L	5	5.1		102	90 - 110	
Nitrite	mg/L	3	2.9		96.7	90 - 110	
Nitrate	mg/L	2.5	2.4		96	90 - 110	
Sulfate	mg/L	15	14		93.3	90 - 110	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94196

SDG No.: LB94196

Contract:

Lab Code: CHEM

Case No.: LB94196

SAS No.: LB94196

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
DOC-3							
Bromide	mg/L	10	10.3		103	90 - 110	
Chloride	mg/L	3	3.1		103.3	90 - 110	
Fluoride	mg/L	2	2.1		105	90 - 110	
Phosphorus, Ortho	mg/L	5	5.6		112	90 - 110	
Nitrite	mg/L	3	3		100	90 - 110	
Nitrate	mg/L	2.5	2.4		96	90 - 110	
Sulfate	mg/L	15	14.3		95.3	90 - 110	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94196

SDG No.: LB94196

Contract:

Lab Code: CHEM

Case No.: LB94196

SAS No.: LB94196

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
DOC-4							
Bromide	mg/L	10	9.8		98	90 - 110	
Chloride	mg/L	3	2.9		96.7	90 - 110	
Fluoride	mg/L	2	2.1		105	90 - 110	
Phosphorus, Ortho	mg/L	5	5.5		110	90 - 110	
Nitrite	mg/L	3	2.9		96.7	90 - 110	
Nitrate	mg/L	2.5	2.4		96	90 - 110	
Sulfate	mg/L	15	14.7		98	90 - 110	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94196

SDG No.: LB94196

Contract:

Lab Code: CHEM

Case No.: LB94196

SAS No.: LB94196

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB94196BSW							
Bromide	mg/L	10	9.5		95	90 - 110	
Chloride	mg/L	3	2.9		96.7	90 - 110	
Fluoride	mg/L	2	1.9		95	90 - 110	
Phosphorus, Ortho	mg/L	5	5.1		102	90 - 110	
Nitrite	mg/L	3	2.8		93.3	90 - 110	
Nitrate	mg/L	2.5	2.4		96	90 - 110	
Sulfate	mg/L	15	14.1		94	90 - 110	