

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
CCV	999.2506			TOC	
CCB	58.5559			TOC	
LB90549BLS	21.9172			TOC	
LB90549BLS.....	33.2711...	..	...	TOC	..
LB90549BSS	929.2939			TOC	
LB90549BSS	974.8053			TOC	
I5488-01.....	15731.6377...	..	...	TOC	..
I5488-01	14457.6631			TOC	
I5488-01	14106.8447			TOC	
I5488-01.....	15470.9590...	..	...	TOC	..
I5488-01DUP	16508.2188			TOC	
I5488-01DUP	17026.3984			TOC	
I5488-02MS.....	16059.9971...	..	...	TOC	..
I5488-02MS	15575.1895			TOC	
I5488-03MSD	16425.0781			TOC	
I5488-03MSD.....	15731.1562...	..	...	TOC	..
I5488-04	22149.2148			TOC	
I5488-04	21593.4824			TOC	
I5637-01.....	14861.0117...	..	...	TOC	..
I5637-01	14221.2432			TOC	
CCV	989.6857			TOC	
CCB.....	32.3416...	..	...	TOC	..

Method ID	Sample Type	Vial	Timestamp	Message
Boat Sampler	Sample		2017/10/04 10:20	
Boat Sampler	Sample		2017/10/04 10:23	
Boat Sampler	Sample		2017/10/04 10:25	
Boat Sampler	...Sample	..	..2017/10/04 10:27	..
Boat Sampler	Sample		2017/10/04 10:30	
Boat Sampler	Sample		2017/10/04 10:35	
Boat Sampler	...Sample	..	..2017/10/04 10:43	..
Boat Sampler	Sample		2017/10/04 10:50	
Boat Sampler	Sample		2017/10/04 10:55	
Boat Sampler	...Sample	..	..2017/10/04 11:01	..
Boat Sampler	Sample		2017/10/04 11:09	
Boat Sampler	Sample		2017/10/04 11:16	
Boat Sampler	...Sample	..	..2017/10/04 11:24	..
Boat Sampler	Sample		2017/10/04 11:53	
Boat Sampler	Sample		2017/10/04 12:01	
Boat Sampler	...Sample	..	..2017/10/04 12:16	..
Boat Sampler	Sample		2017/10/04 12:24	
Boat Sampler	Sample		2017/10/04 12:30	
Boat Sampler	...Sample	..	..2017/10/04 13:00	..
Boat Sampler	Sample		2017/10/04 13:15	
Boat Sampler	Sample		2017/10/04 13:24	
Boat Sampler	...Sample2017/10/04 13:27	..

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Sample ID: CCV Mode: TOC
Method: Boat Sampler Filename: 10041018
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 10:20
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	999.2506	39.9700	3153734	0.761	1.761	75

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Sample ID: CCB Mode: TOC
Method: Boat Sampler Filename: 10041021
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 10:23
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	58.5559	2.3422	184808	0.577	1.571	46

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Sample ID: LB90549BLS Mode: TOC
Method: Boat Sampler Filename: 10041024
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 10:25
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	21.9172	0.8767	69173	1.059	2.051	39

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Sample ID: LB90549BLS Mode: TOC
Method: Boat Sampler Filename: 10041026
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 10:27
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	33.2711	1.3308	105007	0.556	1.547	42

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Sample ID: LB90549BSS Mode: TOC
Method: Boat Sampler Filename: 10041028
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 10:30
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	929.2939	37.1718	2932943	0.470	1.468	79

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Sample ID: LB90549BSS Mode: TOC
Method: Boat Sampler Filename: 10041033
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 10:35
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	974.8053	38.9922	3076582	0.778	1.776	81

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Sample ID: I5488-01 Mode: TOC
Method: Boat Sampler Filename: 10041036
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 10:43
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15731.6377	138.4384	10923133	0.968	1.967	196

Sample ID: I5488-01 Mode: TOC
Method: Boat Sampler Filename: 10041045
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 10:50
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	14457.6631	131.5647	10380783	1.374	2.374	168

Sample ID: I5488-01 Mode: TOC
Method: Boat Sampler Filename: 10041051
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 10:55
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	14106.8447	122.7295	9683664	2.266	3.260	143

Sample ID: I5488-01 Mode: TOC
Method: Boat Sampler Filename: 10041056
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 11:01
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15470.9590	134.5973	10620063	1.564	2.563	178

Sample ID: I5488-01DUP Mode: TOC
Method: Boat Sampler Filename: 10041102
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 11:09
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	16508.2188	146.9231	11592599	1.761	2.758	210

Sample ID: I5488-01DUP Mode: TOC
Method: Boat Sampler Filename: 10041111
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 11:16
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	17026.3984	146.4270	11553454	1.681	2.677	175

Sample ID: I5488-02MS Mode: TOC
Method: Boat Sampler Filename: 10041118
Cal. Curve: TOC SOIL Timestamp: 2017/10/04 11:24
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	16059.9971	133.2980	10517539	2.392	3.391	148

Sample ID: I5488-02MS Mode: TOC
Method: Boat Sampler Filename: 10041148

Cal. Curve: TOC SOIL
Operator ID: AP AK

Timestamp: 2017/10/04 11:53
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15575.1895	130.8316	10322936	2.238	3.235	136

Sample ID: I5488-03MSD
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10041155
Timestamp: 2017/10/04 12:01
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	16425.0781	136.3281	10756628	1.842	2.838	166

Sample ID: I5488-03MSD
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10041208
Timestamp: 2017/10/04 12:16
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15731.1562	130.5686	10302185	1.590	2.589	225

Sample ID: I5488-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10041218
Timestamp: 2017/10/04 12:24
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	22149.2148	174.9788	13806259	1.594	2.592	197

Sample ID: I5488-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10041224
Timestamp: 2017/10/04 12:30
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	21593.4824	168.4292	13289477	1.623	2.623	199

Sample ID: I5637-01
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10041255
Timestamp: 2017/10/04 13:00
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	14861.0117	112.9437	8911536	2.380	3.377	163

Sample ID: I5637-01
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10041309
Timestamp: 2017/10/04 13:15
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	14221.2432	110.9257	8752311	2.394	3.392	210

Sample ID: CCV
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10041322
Timestamp: 2017/10/04 13:24
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	989.6857	39.5874	3123546	1.449	2.447	80

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Sample ID: CCB
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10041325
Timestamp: 2017/10/04 13:27
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	32.3416	1.2937	102073	1.095	2.090	46

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Sample ID	Result	Std. Dev.	RSD	Mode	ALT
BLANK	71693			TOC	
250mg/l	922713			TOC	
500mg/l	1819820			TOC	
1000mg/l.....	3461910...	..	...	TOC	..
2000mg/l	6395880			TOC	
ICV	1012.4250			TOC	
ICB.....	19.6008...	..	...	TOC	..

Method ID	Sample Type	Vial	Timestamp	Message
Boat Sampler	TOC Standard		2017/09/27 10:51	
Boat Sampler	TOC Standard		2017/09/27 10:54	
Boat Sampler	TOC Standard		2017/09/27 10:58	
Boat Sampler	...TOC Standard	..	..2017/09/27 11:02	..
Boat Sampler	TOC Standard		2017/09/27 11:07	
Boat Sampler	Sample		2017/09/27 11:15	
Boat Sampler	...Sample	..	..2017/09/27 11:20	..Low Sample Detected

Cal. Curve ID: TOC SOIL
 Created: 2017/09/27 11:28
 Calibration Factor (m): 7.890e+04
 Y Intercept (b): 167329
 r-squared: 0.99832

Standard ID	Y Raw Data	X Expected ug C	Measured ug C	Message	Date & Time
BLANK	71693	0.000	-1.212		2017/09/27 10:51
250mg/l	922713	10.000	9.574		2017/09/27 10:54
500mg/l	1819820	20.000	20.943		2017/09/27 10:58
1000mg/l	3461910	40.000	41.755		2017/09/27 11:02
2000mg/l	6395880	80.000	78.940		2017/09/27 11:07

CHEMTECH

SOP ID: MLLOYD KAHN-TOC

QA Control Code: A2040083

Analyst: AK

Balance ID : WC SC-2

Sample ID	Weight (mg)	Results (PPM)	Average-Results (PPM)	RSD	STDEV
LB90549BLS	40	21	27	31.43	782.18 which is less than 3X2874.86 =8624.58 * 2874.86 is STDEV for 15 replicates I5026-02 SAMPLE run on 9/8/2017
LB90549BLS	40	33			
LB90549BSS	40	929	952	3.34	
LB90549BSS	40	974			
I5488-01	8.8	15731	14941	5.24	
I5488-01	9.1	14457			
I5488-01	8.7	14106			
I5488-01	8.7	15470			
I5488-01DUP	8.9	16508	16767	2.18	
I5488-01DUP	8.6	17026			
I5488-02MS	8.3	16059	15817	2.16	
I5488-02MS	8.4	15575			
I5488-03MSD	8.3	16425	16078	3.05	
I5488-03MSD	8.3	15731			
I5488-04	7.9	22149	21871	1.80	
I5488-04	7.8	21593			
I5637-01	7.6	14861	14541	3.11	
I5637-01	7.8	14221			