New Jersey
ACCUTEST
LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Instrument Runlogs
- Initial and Continuing Calibration Blanks
- Initial and Continuing Calibration Checks
- High and Low Check Standards
- Interfering Element Check Standards
- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries
- IDL and Linear Range Summaries

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:39	MA25281-STD1	1		STDA
09:46	MA25281-STD2	1		STDB
09:51	MA25281-STD3	1		STDC
09:57	MA25281-CCV1	1		
10:03	MA25281-CCB1	1		
10:09	MA25281-CRIB1	1		
10:15	MA25281-CRID1	1		
10:22	MA25281-ICV1	1		
10:30	MA25281-ICB1	1		
10:34	MA25281-ICCV1	1		
10:43	MA25281-CCB2	1		
10:49	ZZZZZZ	1		
10:55	MA25281-ICSA1	1		
11:01	MA25281-ICSAB1	1		
11:07	ZZZZZZ	100		
11:13	ZZZZZZ	1		
11:19	MP55428-MB1	1		
11:25	MP55428-LC1	1		
11:31	ZZZZZZ	5		
11:37	ZZZZZZ	1		
11:43	ZZZZZZ	1		
11:49	MA25281-CCV2	1		
11:55	MA25281-CCB3	1		
12:01	MP55370-S1	2		
12:07	MP55370-S2	2		
12:13	ZZZZZZ	2		
12:19	MP55370-SD1	10		
12:25	JA59146-1	2		(sample used for QC only; not part of login JA58900)
12:32	MP55427-S2	1		
12:38	ZZZZZZ	1		
12:44	MP55434-MB1	1		
12:50	MP55434-B1	1		
12:56	MP55434-S1	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

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Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:02	MA25281-CCV3	1		
13:08	MA25281-CCB4	1		
13:14	MP55434-S2	1		
13:20	JA59307-15	1		(sample used for QC only; not part of login JA58900)
13:26	MP55434-SD1	5		
13:32	ZZZZZZ	1		
13:37	ZZZZZZ	1		
13:43	ZZZZZZ	1		
13:49	ZZZZZZ	1		
13:55	ZZZZZZ	1		
14:01	ZZZZZZ	1		
14:07	ZZZZZZ	1		
14:14	MA25281-CCV4	1		
14:19	MA25281-CCB5	1		
14:25	ZZZZZZ	1		
14:31	ZZZZZZ	1		
14:38	ZZZZZZ	1		
14:44	ZZZZZZ	1		
14:50	ZZZZZZ	1		
14:56	ZZZZZZ	1		
15:02	ZZZZZZ	1		
15:08	ZZZZZZ	1		
15:14	JA59206-15F	1		(sample used for QC only; not part of login JA58900)
15:20	ZZZZZZ	5		
15:26	MA25281-CCV5	1		
15:32	MA25281-CCB6	1		
15:38	MA25281-CRIB2	1		
15:44	MP55428-SD1	5		
15:50	MP55428-S1	1		High RSD on Cr, Cu and Mn.
15:56	MP55428-S2	1		
16:02	ZZZZZZ	1		
16:08	ZZZZZZ	1		
16:14	ZZZZZZ	1		

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Inorganics Analyses

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Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:20	ZZZZZZ	1		
16:26	ZZZZZZ	2		
16:32	ZZZZZZ	1		
16:38	MA25281-CCV6	1		
16:44	MA25281-CCB7	1		
16:53	ZZZZZZ	1		
16:59	ZZZZZZ	1		
17:10	MA25281-CCV7	1		
17:16	MA25281-CCB8	1		
17:22	MA25281-ICSA2	1		
17:28	MA25281-ICSAB2	1		
17:34	ZZZZZZ	1		
17:40	ZZZZZZ	1		
17:45	MP55447-LC1	1		
17:51	MP55447-MB1	1		
17:57	MP55449-MB1	1		
18:03	MP55449-B1	1		CCB out for Be.
18:09	ZZZZZZ	1		
18:15	ZZZZZZ	1		
18:21	MA25281-CCV8	1		
18:27	MA25281-CCB9	1		
18:33	ZZZZZZ	1		
18:39	ZZZZZZ	1		
18:45	ZZZZZZ	1		
18:51	ZZZZZZ	1		
18:57	MP55447-B1	1		CCB out for Be.
19:03	MP55447-S1	1		CCB out for Be.
19:08	MP55447-S2	1		CCB out for Be.
19:14	JA59287-1	1		(sample used for QC only; not part of login JA58900)
19:20	MP55447-SD1	5		
19:26	ZZZZZZ	1		
19:32	MA25281-CCV9	1		
19:38	MA25281-CCB10	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

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File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
19:44	ZZZZZZ	1		
19:50	ZZZZZZ	1		
19:56	ZZZZZZ	1		
20:02	ZZZZZZ	1		
20:08	ZZZZZZ	1		
20:14	ZZZZZZ	1		
20:20	ZZZZZZ	1		
20:26	ZZZZZZ	1		
20:32	ZZZZZZ	1		
20:38	ZZZZZZ	1		
20:45	MA25281-CCV10	1		
20:50	MA25281-CCB11	1		
20:56	MA25281-CRIB3	1		
21:02	ZZZZZZ	1		
21:08	MA25281-ICSA3	1		
21:14	MA25281-ICSAB3	1		
21:20	ZZZZZZ	1		
21:27	ZZZZZZ	1		
21:33	ZZZZZZ	1		
21:39	ZZZZZZ	1		
21:45	ZZZZZZ	1		
21:51	ZZZZZZ	1		
21:57	MA25281-CCV11	1		
22:03	MA25281-CCB12	1		
22:09	MP55449-S1	1		
22:15	MP55449-S2	1		
22:20	JA58900-3	1		
22:26	MP55449-SD1	5		
22:32	JA58900-1	1		
22:38	JA58900-2	1		
22:44	JA58900-4	1		
22:50	JA58900-7	1		
22:56	JA58900-8	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	23:02	JA58900-9	1		
	23:08	MA25281-CCV12	1		
	23:14	MA25281-CCB13	1		
	23:20	JA58900-10	1		
	23:26	JA58900-11	1		
	23:32	JA58900-12	1		
	23:37	JA58900-14	1		
---------->	Last reportable sample/prep for job JA58900				
	23:43	ZZZZZZ	1		
	23:49	ZZZZZZ	1		
	23:55	MP55452-MB1	1		
	00:01	MP55452-LC1	1		
	00:07	MP55452-S1	1		
	00:13	MP55452-S2	1		
	00:19	MA25281-CCV13	1		
	00:25	MA25281-CCB14	1		
	00:31	JA59336-2F	1		(sample used for QC only; not part of login JA58900)
	00:37	MP55452-SD1	5		
	00:43	ZZZZZZ	1		
	00:49	ZZZZZZ	1		
	00:55	ZZZZZZ	1		
	01:01	ZZZZZZ	1		
	01:07	ZZZZZZ	1		
	01:13	ZZZZZZ	1		
	01:19	ZZZZZZ	1		
	01:25	ZZZZZZ	1		
	01:31	MA25281-CCV14	1		
	01:37	MA25281-CCB15	1		
	01:43	ZZZZZZ	1		
	01:49	MP55443-MB1	1		Batch to reanalysis for Be, CCB out.
	01:55	MP55443-LC1	1		
	02:01	MP55443-S1	1		CCB out for Fe and Al.
	02:07	MP55443-S2	1		CCB out for Fe and Al.
	02:12	JA59427-9	1		(sample used for QC only; not part of login JA58900)

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
02:18	MP55443-SD1	5		CCB out for Fe and Al.
02:24	ZZZZZZ	1		
02:30	ZZZZZZ	1		
02:36	ZZZZZZ	1		
02:42	MA25281-CCV15	1		
02:48	MA25281-CCB16	1		
02:54	ZZZZZZ	1		
03:00	ZZZZZZ	1		
03:06	ZZZZZZ	1		
03:12	ZZZZZZ	1		
03:18	ZZZZZZ	1		
03:24	ZZZZZZ	1		
03:30	ZZZZZZ	1		
03:36	ZZZZZZ	1		
03:42	ZZZZZZ	1		
03:48	ZZZZZZ	1		
03:54	MA25281-CCV16	1		
04:00	MA25281-CCB17	1		
04:06	MA25281-ICSA4	1		
04:12	MA25281-ICSAB4	1		
04:18	ZZZZZZ	1		
04:24	ZZZZZZ	1		
04:31	ZZZZZZ	1		
04:37	ZZZZZZ	1		
04:43	ZZZZZZ	1		
04:48	ZZZZZZ	1		
04:54	MP55455-MB1	1		Batch to reanalysis for Al, Be, Ni and Tl, CCB out.
05:01	MP55455-LC1	1		
05:06	MA25281-CCV17	1		
05:12	MA25281-CCB18	1		
---------->	Last reportable CCB for job JA58900			
05:18	MP55455-S1	1		
05:24	MP55455-S2	1		
05:30	JA59401-2	1		(sample used for QC only; not part of login JA58900)

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Inorganics Analyses

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Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
05:36	MP55455-SD1	5		
05:42	MP55455-S3	1		
05:48	MP55455-S4	1		
05:54	JA59401-2F	1		(sample used for QC only; not part of login JA58900)
06:00	MP55455-SD2	5		
06:06	ZZZZZZ	1		
06:12	ZZZZZZ	1		
06:18	MA25281-CCV18	1		
06:24	MA25281-CCB19	1		
06:30	ZZZZZZ	1		
06:36	ZZZZZZ	1		
06:42	ZZZZZZ	1		
06:48	ZZZZZZ	1		
06:54	ZZZZZZ	1		
07:00	ZZZZZZ	1		
07:06	ZZZZZZ	1		
07:12	ZZZZZZ	1		
07:18	ZZZZZZ	1		
07:24	ZZZZZZ	1		
07:30	MA25281-CCV19	1		
07:36	MA25281-CCB20	1		
07:42	ZZZZZZ	1		
07:48	ZZZZZZ	1		
07:54	ZZZZZZ	1		
08:00	ZZZZZZ	1		
08:06	ZZZZZZ	1		
08:12	ZZZZZZ	1		
08:18	ZZZZZZ	5		
08:24	ZZZZZZ	1		
08:30	ZZZZZZ	2		(high Zn)
08:36	ZZZZZZ	1		
08:42	MA25281-CCV20	1		
08:48	MA25281-CCB21	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

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Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
08:53	MA25281-ICSA5	1		
08:58	MA25281-ICSAB5	1		
09:04	MA25281-CCV21	1		
09:11	MA25281-CCB22	1		
10:10	ZZZZZZ	1		
10:29	ZZZZZZ	1		

Refer to raw data for calibration curve and standards.

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INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

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Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
09:39	MA25281-STD1	2168 R	71456 R	17285 R	6120 R
09:46	MA25281-STD2	2114	69962	17447	5794
09:51	MA25281-STD3	1996	67160	17168	5263
09:57	MA25281-CCV1	2051	68392	17287	5550
10:03	MA25281-CCB1	2144	70833	17500	6060
10:09	MA25281-CRIB1	2143	71130	17567	5976
10:15	MA25281-CRID1	2141	71952	17608	6051
10:22	MA25281-ICV1	2125	70890	17497	5925
10:30	MA25281-ICB1	2144	71568	17539	6041
10:34	MA25281-ICCV1	2058	68519	17392	5550
10:43	MA25281-CCB2	2141	71449	17484	6028
10:49	ZZZZZZ	2144	71574	17702	6000
10:55	MA25281-ICSA1	1841	62409	16607	4732
11:01	MA25281-ICSAB1	1834	61957	16625	4709
11:07	ZZZZZZ	2093	71108	17483	5899
11:13	ZZZZZZ	2146	71635	17384	6051
11:19	MP55428-MB1	2190	73277	18055	6201
11:25	MP55428-LC1	2110	71452	17684	5926
11:31	ZZZZZZ	1902	65517	17122	4685
11:37	ZZZZZZ	1724	60520	999999 !	4381
11:43	ZZZZZZ	1968	67128	16679	5335
11:49	MA25281-CCV2	2034	68138	17110	5484
11:55	MA25281-CCB3	2130	70923	17232	5999
12:01	MP55370-S1	1868	65124	16390	5006
12:07	MP55370-S2	1860	65218	16482	4982
12:13	ZZZZZZ	999999 !	64570	16690	999999 !
12:19	MP55370-SD1	2047	69733	17282	5682
12:25	JA59146-1	1896	65419	16538	5094
12:32	MP55427-S2	1701	60425	16492	4329
12:38	ZZZZZZ	1697	61277	16221	4447
12:44	MP55434-MB1	2142	72364	17975	6121
12:50	MP55434-B1	2052	69445	17488	5693
12:56	MP55434-S1	2074	71018	18752	4938

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Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
13:02	MA25281-CCV3	2042	68271	17086	5494
13:08	MA25281-CCB4	2142	71396	17294	6014
13:14	MP55434-S2	2085	71523	18696	5004
13:20	JA59307-15	2128	73151	19106	5120
13:26	MP55434-SD1	2222	74791	18746	5734
13:32	ZZZZZZ	2125	73254	18916	5310
13:37	ZZZZZZ	2163	73797	18793	5479
13:43	ZZZZZZ	2144	71426	17482	6023
13:49	ZZZZZZ	2134	71573	17374	5915
13:55	ZZZZZZ	2080	66216	17876	5541
14:01	ZZZZZZ	2152	69795	17251	6024
14:07	ZZZZZZ	2157	72829	17505	6047
14:14	MA25281-CCV4	2055	69459	17030	5514
14:19	MA25281-CCB5	2151	70842	17314	6044
14:25	ZZZZZZ	2142	72072	18135	5385
14:31	ZZZZZZ	2149	70765	17272	6045
14:38	ZZZZZZ	2107	70437	17149	5898
14:44	ZZZZZZ	2139	71129	17223	6039
14:50	ZZZZZZ	2141	70789	17033	6052
14:56	ZZZZZZ	2134	70879	17393	6016
15:02	ZZZZZZ	2129	71745	17065	6001
15:08	ZZZZZZ	2116	71817	16910	5969
15:14	JA59206-15F	1765	61736	16456	4558
15:20	ZZZZZZ	7936 !	265580 !	68527 !	5364
15:26	MA25281-CCV5	2017	68104	16950	5459
15:32	MA25281-CCB6	2117	71151	16939	5971
15:38	MA25281-CRIB2	2111	70720	16660	5881
15:44	MP55428-SD1	1969	67383	16925	5338
15:50	MP55428-S1	1754	60212	16444	4493
15:56	MP55428-S2	1732	61517	16242	4447
16:02	ZZZZZZ	2026	69156	16980	5736
16:08	ZZZZZZ	8049 !	999999 !	30479 !	19899 !
16:14	ZZZZZZ	7965 !	999999 !	29703 !	19718 !

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Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
16:20	ZZZZZZ	2093	71143	17539	5729
16:26	ZZZZZZ	1749	61655	15858	4532
16:32	ZZZZZZ	2078	71644	18146	5186
16:38	MA25281-CCV6	2017	67922	16796	5444
16:44	MA25281-CCB7	2124	71046	17085	5996
16:53	ZZZZZZ	2027	68198	16767	5467
16:59	ZZZZZZ	2128	71173	17108	6007
17:10	MA25281-CCV7	2025	68067	16922	5453
17:16	MA25281-CCB8	2122	70841	17109	5992
17:22	MA25281-ICSA2	1828	61905	16189	4685
17:28	MA25281-ICSAB2	1813	61884	16100	4646
17:34	ZZZZZZ	2092	70709	17630	5716
17:40	ZZZZZZ	2087	71707	18271	5163
17:45	MP55447-LC1	2130	72022	17719	5681
17:51	MP55447-MB1	2156	72176	17579	6102
17:57	MP55449-MB1	2149	72094	17586	6088
18:03	MP55449-B1	2062	68888	17151	5679
18:09	ZZZZZZ	2076	67759	17763	5324
18:15	ZZZZZZ	2074	67463	17675	5391
18:21	MA25281-CCV8	2045	68226	16956	5486
18:27	MA25281-CCB9	2157	71255	17096	6056
18:33	ZZZZZZ	2126	69874	18020	5388
18:39	ZZZZZZ	2019	65996	17571	5054
18:45	ZZZZZZ	2157	70324	18014	5592
18:51	ZZZZZZ	2134	70285	17882	5577
18:57	MP55447-B1	2066	68872	17187	5703
19:03	MP55447-S1	1889	63690	17058	4888
19:08	MP55447-S2	1896	63980	16891	4914
19:14	JA59287-1	1962	66895	17523	5139
19:20	MP55447-SD1	2185	73093	18149	5731
19:26	ZZZZZZ	2191	73125	18356	5661
19:32	MA25281-CCV9	2049	68319	16977	5503
19:38	MA25281-CCB10	2159	71720	17311	6068

INTERNAL STANDARD SUMMARY

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Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
19:44	ZZZZZZ	2197	73283	18251	5702
19:50	ZZZZZZ	2221	74500	18630	5595
19:56	ZZZZZZ	2165	73044	18221	5593
20:02	ZZZZZZ	2189	73447	18469	5612
20:08	ZZZZZZ	2164	72823	18205	5626
20:14	ZZZZZZ	2171	72759	18212	5610
20:20	ZZZZZZ	2184	73199	18311	5620
20:26	ZZZZZZ	2168	72452	18209	5667
20:32	ZZZZZZ	1561	56916	15622	3934
20:38	ZZZZZZ	1527	56166	15545	3880
20:45	MA25281-CCV10	2010	68350	17032	5443
20:50	MA25281-CCB11	2129	71067	17369	6017
20:56	MA25281-CRIB3	2126	71145	17325	5918
21:02	ZZZZZZ	2130	71345	17270	5930
21:08	MA25281-ICSA3	1831	61546	16227	4691
21:14	MA25281-ICSAB3	1834	61857	16241	4683
21:20	ZZZZZZ	1547	56688	15606	3917
21:27	ZZZZZZ	1806	63185	16875	4708
21:33	ZZZZZZ	1409	51151	14753	3455 !
21:39	ZZZZZZ	2075	70746	17389	5837
21:45	ZZZZZZ	2078	70692	17602	5869
21:51	ZZZZZZ	2085	71168	17264	5875
21:57	MA25281-CCV11	2032	68134	16874	5468
22:03	MA25281-CCB12	2142	71190	17059	6039
22:09	MP55449-S1	2093	70155	17287	5533
22:15	MP55449-S2	2098	70002	17391	5550
22:20	JA58900-3	2170	73225	17782	5841
22:26	MP55449-SD1	2159	72001	17242	6014
22:32	JA58900-1	2165	72438	17702	5810
22:38	JA58900-2	2151	72092	17711	5750
22:44	JA58900-4	2151	71777	17583	5741
22:50	JA58900-7	2168	72508	17581	5839
22:56	JA58900-8	2167	72692	17542	5820

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
23:02	JA58900-9	2171	72217	17470	5836
23:08	MA25281-CCV12	2061	68925	16720	5532
23:14	MA25281-CCB13	2168	71961	17042	6087
23:20	JA58900-10	2178	72570	17461	5877
23:26	JA58900-11	2185	72608	17673	5845
23:32	JA58900-12	2163	72120	17576	5810
23:37	JA58900-14	2167	72016	17590	5756
23:43	ZZZZZZ	2180	71892	17402	6029
23:49	ZZZZZZ	2195	72509	17307	6121
23:55	MP55452-MB1	2219	73701	17587	6267
00:01	MP55452-LC1	2172	72042	17411	6049
00:07	MP55452-S1	2097	70371	17149	5708
00:13	MP55452-S2	2096	70426	17290	5687
00:19	MA25281-CCV13	2092	68785	16892	5578
00:25	MA25281-CCB14	2203	71901	17151	6150
00:31	JA59336-2F	2156	71606	17459	5946
00:37	MP55452-SD1	2198	71551	17372	6129
00:43	ZZZZZZ	2181	71956	17625	6049
00:49	ZZZZZZ	2167	72085	17631	6043
00:55	ZZZZZZ	2139	71438	17610	5934
01:01	ZZZZZZ	2176	72004	17715	6051
01:07	ZZZZZZ	2156	71595	17598	5981
01:13	ZZZZZZ	2124	71017	17669	5900
01:19	ZZZZZZ	2146	71385	17706	5983
01:25	ZZZZZZ	1982	67010	17140	5198
01:31	MA25281-CCV14	2073	68377	17168	5541
01:37	MA25281-CCB15	2187	71681	17418	6121
01:43	ZZZZZZ	2177	71876	17929	6075
01:49	MP55443-MB1	2154	71963	17611	6094
01:55	MP55443-LC1	2117	70307	17498	5930
02:01	MP55443-S1	2088	69857	17610	5694
02:07	MP55443-S2	2080	69674	17501	5665
02:12	JA59427-9	2131	71088	17719	5919

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
02:18	MP55443-SD1	2188	71871	17630	6114
02:24	ZZZZZZ	2094	70317	17405	5838
02:30	ZZZZZZ	2043	68874	17315	5535
02:36	ZZZZZZ	2130	71135	17772	5954
02:42	MA25281-CCV15	2079	68848	17247	5559
02:48	MA25281-CCB16	2193	72045	17503	6149
02:54	ZZZZZZ	2166	71842	17622	6102
03:00	ZZZZZZ	2084	69755	17540	5517
03:06	ZZZZZZ	2023	68929	17390	5508
03:12	ZZZZZZ	2120	72437	18562	5397
03:18	ZZZZZZ	2033	69602	17740	5441
03:24	ZZZZZZ	2067	69026	17388	5637
03:30	ZZZZZZ	2116	70768	17558	5831
03:36	ZZZZZZ	2096	69732	17469	5736
03:42	ZZZZZZ	2086	69333	17406	5656
03:48	ZZZZZZ	2129	70778	17715	5873
03:54	MA25281-CCV16	2102	68750	17356	5578
04:00	MA25281-CCB17	2206	72110	17650	6160
04:06	MA25281-ICSA4	1882	62796	16698	4763
04:12	MA25281-ICSAB4	1892	62365	16546	4761
04:18	ZZZZZZ	2189	72389	17629	6135
04:24	ZZZZZZ	2043	68377	17125	5461
04:31	ZZZZZZ	2156	71143	17535	6041
04:37	ZZZZZZ	2148	71136	18116	5954
04:43	ZZZZZZ	2198	71835	17936	6067
04:48	ZZZZZZ	2192	72208	17623	6161
04:54	MP55455-MB1	2197	72284	17677	6165
05:01	MP55455-LC1	2152	70867	17419	5968
05:06	MA25281-CCV17	2111	69446	17239	5591
05:12	MA25281-CCB18	2219	72002	17487	6170
05:18	MP55455-S1	2124	70022	17302	5809
05:24	MP55455-S2	2134	70337	17463	5829
05:30	JA59401-2	2190	71778	17681	6138

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
05:36	MP55455-SD1	2214	72105	17548	6171
05:42	MP55455-S3	2126	70414	17567	5813
05:48	MP55455-S4	2125	70468	17358	5814
05:54	JA59401-2F	2186	71708	17555	6132
06:00	MP55455-SD2	2216	72116	17454	6173
06:06	ZZZZZZ	2003	67547	16917	5343
06:12	ZZZZZZ	1990	66463	16769	5277
06:18	MA25281-CCV18	2105	69083	17185	5574
06:24	MA25281-CCB19	2222	72082	17518	6175
06:30	ZZZZZZ	2019	67927	16949	5459
06:36	ZZZZZZ	2196	71654	17477	6147
06:42	ZZZZZZ	2114	70091	17352	5819
06:48	ZZZZZZ	2201	72113	17607	6093
06:54	ZZZZZZ	2297	74912	18515	6023
07:00	ZZZZZZ	2192	71545	17544	6130
07:06	ZZZZZZ	2196	71482	17600	6140
07:12	ZZZZZZ	2194	71642	17476	6143
07:18	ZZZZZZ	2192	71791	17581	6125
07:24	ZZZZZZ	2124	70364	17394	5851
07:30	MA25281-CCV19	2112	68924	17229	5575
07:36	MA25281-CCB20	2225	71941	17424	6171
07:42	ZZZZZZ	2192	72090	17656	6127
07:48	ZZZZZZ	2295	74818	18585	6007
07:54	ZZZZZZ	2206	71657	17607	6151
08:00	ZZZZZZ	2201	71958	17643	6148
08:06	ZZZZZZ	1892	65131	16520	4839
08:12	ZZZZZZ	1624	57487	16267	4016
08:18	ZZZZZZ	1878	63228	16661	4831
08:24	ZZZZZZ	2173	71664	17713	6131
08:30	ZZZZZZ	2098	70322	17438	5693
08:36	ZZZZZZ	2152	71109	17704	6082
08:42	MA25281-CCV20	2082	68478	17243	5554
08:48	MA25281-CCB21	2198	71466	17588	6145

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25281
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
08:53	MA25281-ICSA5	1892	62945	16642	4804
08:58	MA25281-ICSAB5	1885	62637	16538	4777
09:04	MA25281-CCV21	2093	68450	17106	5571
09:11	MA25281-CCB22	2190	71648	17450	6108
10:10	ZZZZZZ	2409	81594	999999 !	6762
10:29	ZZZZZZ	2297	78613	18634	6513

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	60-125 %
Istd#2	Yttrium (3600)	60-125 %
Istd#3	Yttrium (3710)	60-125 %
Istd#4	Indium	60-125 %

11.1.1

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BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25281 Units: ug/l

Time:			10:30		10:43		11:55		13:08	
Sample ID:			ICB1		CCB2		CCB3		CCB4	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.2	anr							
Antimony	6.0	1.2	0.40	<6.0	0.40	<6.0	-0.10	<6.0	0.70	<6.0
Arsenic	3.0	1.1	0.30	<3.0	1.8	<3.0	0.90	<3.0	0.50	<3.0
Barium	200	.1	0.30	<200	0.10	<200	0.10	<200	0.90	<200
Beryllium	1.0	.1	0.20	<1.0	0.10	<1.0	0.0	<1.0	0.40	<1.0
Boron	100	.6	-1.9	<100	-1.2	<100	-1.6	<100	-2.2	<100
Cadmium	3.0	.2	0.20	<3.0	0.30	<3.0	0.20	<3.0	0.30	<3.0
Calcium	5000	5.4	anr							
Chromium	10	.4	-0.20	<10	0.0	<10	-0.20	<10	0.10	<10
Cobalt	50	.1	0.10	<50	0.10	<50	-0.10	<50	0.0	<50
Copper	10	.5	-0.20	<10	-0.10	<10	-0.20	<10	0.10	<10
Iron	100	1.7	anr							
Lead	3.0	.7	-0.30	<3.0	0.50	<3.0	0.30	<3.0	-0.10	<3.0
Magnesium	5000	10	anr							
Manganese	15	.2	0.30	<15	0.30	<15	0.10	<15	0.60	<15
Molybdenum	20	.6	anr							
Nickel	10	.3	0.30	<10	0.20	<10	0.10	<10	0.30	<10
Palladium	50	1.1								
Potassium	10000	31	anr							
Selenium	10	1.2	0.20	<10	1.3	<10	1.4	<10	1.0	<10
Silicon	200	4.7	anr							
Silver	10	.3	0.30	<10	0.20	<10	-0.10	<10	0.30	<10
Sodium	10000	39	anr							
Strontium	10	.1	anr							
Thallium	2.0	.8	1.6	<2.0	1.5	<2.0	0.70	<2.0	1.1	<2.0
Tin	10	.5	0.80	<10	0.70	<10	0.50	<10	1.3	<10
Titanium	10	.3	anr							
Tungsten	50	5.5								
Vanadium	50	.3	0.50	<50	1.1	<50	0.70	<50	1.1	<50
Zinc	20	1.3	0.10	<20	0.20	<20	0.50	<20	0.80	<20
Zirconium	10	.4								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25281 Units: ug/l

Time:			14:19		15:32		16:44		17:16	
Sample ID:			CCB5		CCB6		CCB7		CCB8	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.2	anr							
Antimony	6.0	1.2	0.80	<6.0	0.70	<6.0	0.60	<6.0	1.0	<6.0
Arsenic	3.0	1.1	0.70	<3.0	1.2	<3.0	0.60	<3.0	0.80	<3.0
Barium	200	.1	0.60	<200	0.80	<200	2.2	<200	1.2	<200
Beryllium	1.0	.1	0.40	<1.0	0.60	<1.0	1.8	* (a)	1.0	<1.0*(a)
Boron	100	.6	-0.20	<100	-1.5	<100	-2.2	<100	-1.8	<100
Cadmium	3.0	.2	0.60	<3.0	0.70	<3.0	0.70	<3.0	0.40	<3.0
Calcium	5000	5.4	anr							
Chromium	10	.4	0.40	<10	0.50	<10	0.80	<10	0.40	<10
Cobalt	50	.1	0.30	<50	0.40	<50	0.40	<50	0.40	<50
Copper	10	.5	0.20	<10	0.90	<10	0.50	<10	0.50	<10
Iron	100	1.7	anr							
Lead	3.0	.7	0.20	<3.0	0.80	<3.0	0.30	<3.0	0.60	<3.0
Magnesium	5000	10	anr							
Manganese	15	.2	0.80	<15	1.2	<15	1.2	<15	0.90	<15
Molybdenum	20	.6	anr							
Nickel	10	.3	0.50	<10	0.70	<10	0.60	<10	0.70	<10
Palladium	50	1.1								
Potassium	10000	31	anr							
Selenium	10	1.2	1.3	<10	1.6	<10	1.4	<10	0.40	<10
Silicon	200	4.7	anr							
Silver	10	.3	0.10	<10	0.20	<10	0.20	<10	0.0	<10
Sodium	10000	39	anr							
Strontium	10	.1	anr							
Thallium	2.0	.8	0.40	<2.0	2.3	* (a)	1.8	<2.0	2.1	* (a)
Tin	10	.5	1.2	<10	0.90	<10	1.3	<10	1.2	<10
Titanium	10	.3	anr							
Tungsten	50	5.5								
Vanadium	50	.3	1.3	<50	1.7	<50	1.3	<50	1.2	<50
Zinc	20	1.3	1.1	<20	1.1	<20	0.80	<20	0.70	<20
Zirconium	10	.4								

(*) Outside of QC limits
(anr) Analyte not requested
(a) All reported results <RL or >100x CCB value.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25281 Units: ug/l

Time:			18:27		19:38		20:50		22:03	
Sample ID:			CCB9		CCB10		CCB11		CCB12	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.2	anr							
Antimony	6.0	1.2	1.2	<6.0	1.0	<6.0	1.2	<6.0	0.50	<6.0
Arsenic	3.0	1.1	1.3	<3.0	1.3	<3.0	1.0	<3.0	1.1	<3.0
Barium	200	.1	1.5	<200	1.5	<200	1.6	<200	1.1	<200
Beryllium	1.0	.1	1.2	* (a)	1.1	* (a)	1.3	* (b)	0.90	<1.0
Boron	100	.6	-2.7	<100	-2.4	<100	-2.4	<100	-2.5	<100
Cadmium	3.0	.2	0.50	<3.0	0.60	<3.0	0.70	<3.0	0.70	<3.0
Calcium	5000	5.4	anr							
Chromium	10	.4	0.30	<10	0.90	<10	1.3	<10* (b)	0.70	<10
Cobalt	50	.1	0.30	<50	0.50	<50	0.50	<50	0.50	<50
Copper	10	.5	0.50	<10	0.80	<10	1.2	<10	0.60	<10
Iron	100	1.7	anr							
Lead	3.0	.7	0.30	<3.0	1.2	<3.0	0.60	<3.0	0.70	<3.0
Magnesium	5000	10	anr							
Manganese	15	.2	1.1	<15	1.7	<15* (a)	1.8	<15* (b)	1.4	<15
Molybdenum	20	.6	anr							
Nickel	10	.3	0.80	<10	0.70	<10	1.0	<10	1.0	<10
Palladium	50	1.1								
Potassium	10000	31	anr							
Selenium	10	1.2	0.80	<10	0.90	<10	1.4	<10	0.10	<10
Silicon	200	4.7	anr							
Silver	10	.3	-0.10	<10	0.20	<10	0.40	<10	0.40	<10
Sodium	10000	39	anr							
Strontium	10	.1	anr							
Thallium	2.0	.8	1.5	<2.0	3.6	* (a)	2.4	* (b)	1.5	<2.0
Tin	10	.5	1.3	<10	1.5	<10	1.3	<10	0.60	<10
Titanium	10	.3	anr							
Tungsten	50	5.5								
Vanadium	50	.3	1.4	<50	1.6	<50	1.8	<50	1.3	<50
Zinc	20	1.3	0.80	<20	1.0	<20	1.1	<20	1.0	<20
Zirconium	10	.4								

(*) Outside of QC limits
(anr) Analyte not requested
(a) All reported results <RL or >100x CCB value.
(b) No samples reported for this element in the area bracketed by this QC.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25281 Units: ug/l

Time:			23:14		00:25		01:37		02:48	
Sample ID:			CCB13		CCB14		CCB15		CCB16	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.2	anr							
Antimony	6.0	1.2	1.1	<6.0	0.90	<6.0	0.60	<6.0	0.50	<6.0
Arsenic	3.0	1.1	1.2	<3.0	0.70	<3.0	0.20	<3.0	0.50	<3.0
Barium	200	.1	0.70	<200	1.2	<200	1.5	<200	1.6	<200
Beryllium	1.0	.1	0.50	<1.0	0.70	<1.0	1.2	* (b)	1.4	* (b)
Boron	100	.6	-2.6	<100	-3.0	<100	-3.4	<100	-3.5	<100
Cadmium	3.0	.2	0.50	<3.0	0.40	<3.0	0.30	<3.0	0.30	<3.0
Calcium	5000	5.4	anr							
Chromium	10	.4	0.50	<10	0.30	<10	0.50	<10	0.50	<10
Cobalt	50	.1	0.30	<50	0.40	<50	0.0	<50	0.0	<50
Copper	10	.5	0.20	<10	0.10	<10	0.40	<10	0.30	<10
Iron	100	1.7	anr							
Lead	3.0	.7	0.10	<3.0	0.30	<3.0	0.40	<3.0	-0.40	<3.0
Magnesium	5000	10	anr							
Manganese	15	.2	0.90	<15	0.80	<15	1.0	<15	1.1	<15
Molybdenum	20	.6	anr							
Nickel	10	.3	0.80	<10	0.80	<10	0.50	<10	0.50	<10
Palladium	50	1.1								
Potassium	10000	31	anr							
Selenium	10	1.2	0.90	<10	0.90	<10	0.80	<10	0.60	<10
Silicon	200	4.7	anr							
Silver	10	.3	0.0	<10	0.20	<10	0.10	<10	0.20	<10
Sodium	10000	39	anr							
Strontium	10	.1	anr							
Thallium	2.0	.8	2.1	* (a)	1.6	<2.0	1.6	<2.0	0.90	<2.0
Tin	10	.5	0.70	<10	1.1	<10	0.60	<10	0.80	<10
Titanium	10	.3	anr							
Tungsten	50	5.5								
Vanadium	50	.3	1.2	<50	1.0	<50	1.4	<50	1.6	<50
Zinc	20	1.3	0.90	<20	0.80	<20	0.30	<20	0.30	<20
Zirconium	10	.4								

(*) Outside of QC limits
(anr) Analyte not requested
(a) All reported results <RL or >100x CCB value.
(b) No samples reported for this element in the area bracketed by this QC.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25281 Units: ug/l

Time:			04:00		05:12	
Sample ID:			CCB17		CCB18	
Metal	RL	IDL	raw	final	raw	final
Aluminum	200	8.2	anr			
Antimony	6.0	1.2	0.90	<6.0	1.5	<6.0
Arsenic	3.0	1.1	0.70	<3.0	0.50	<3.0
Barium	200	.1	1.6	<200	1.8	<200
Beryllium	1.0	.1	1.4	* (a)	1.6	* (a)
Boron	100	.6	-3.7	<100	-3.0	<100
Cadmium	3.0	.2	0.40	<3.0	0.90	<3.0
Calcium	5000	5.4	anr			
Chromium	10	.4	1.1	<10	0.80	<10
Cobalt	50	.1	0.30	<50	0.70	<50
Copper	10	.5	0.60	<10	0.60	<10
Iron	100	1.7	anr			
Lead	3.0	.7	0.40	<3.0	1.0	<3.0
Magnesium	5000	10	anr			
Manganese	15	.2	1.4	<15	1.3	<15
Molybdenum	20	.6	anr			
Nickel	10	.3	0.60	<10	1.3	<10* (b)
Palladium	50	1.1				
Potassium	10000	31	anr			
Selenium	10	1.2	0.20	<10	1.2	<10
Silicon	200	4.7	anr			
Silver	10	.3	-0.30	<10	0.30	<10
Sodium	10000	39	anr			
Strontium	10	.1	anr			
Thallium	2.0	.8	1.8	<2.0	2.3	* (a)
Tin	10	.5	1.3	<10	1.4	<10
Titanium	10	.3	anr			
Tungsten	50	5.5				
Vanadium	50	.3	1.7	<50	1.7	<50
Zinc	20	1.3	0.60	<20	1.1	<20
Zirconium	10	.4				

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples reported for this element in the area bracketed by this QC.
(b) All reported results <RL or >100x CCB value.

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25281 Units: ug/l

Time:		10:34	
Sample ID:	ICCV	ICCV1	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony	2000	1990	99.5
Arsenic	2000	1990	99.5
Barium	2000	2000	100.0
Beryllium	2000	2000	100.0
Boron	2000	2000	100.0
Cadmium	2000	2000	100.0
Calcium	anr		
Chromium	2000	2010	100.5
Cobalt	2000	2020	101.0
Copper	2000	1940	97.0
Iron	anr		
Lead	2000	2000	100.0
Magnesium	anr		
Manganese	2000	2040	102.0
Molybdenum	anr		
Nickel	2000	2000	100.0
Palladium			
Potassium	anr		
Selenium	2000	2000	100.0
Silicon	anr		
Silver	250	247	98.8
Sodium	anr		
Strontium	anr		
Thallium	2000	2030	101.5
Tin	2000	2030	101.5
Titanium	anr		
Tungsten			
Vanadium	2000	2030	101.5
Zinc	2000	2030	101.5
Zirconium			

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25281 Units: ug/l

Time:		10:22			11:49			13:02	
Sample ID:	ICV	ICV1		CCV	CCV2		CCV	CCV3	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	1000	967	96.7	2000	2010	100.5	2000	2010	100.5
Arsenic	1000	966	96.6	2000	2010	100.5	2000	2010	100.5
Barium	1000	997	99.7	2000	2030	101.5	2000	2010	100.5
Beryllium	1000	986	98.6	2000	2000	100.0	2000	1990	99.5
Boron	1000	987	98.7	2000	2030	101.5	2000	2030	101.5
Cadmium	1000	982	98.2	2000	2040	102.0	2000	2020	101.0
Calcium	anr								
Chromium	1000	996	99.6	2000	2020	101.0	2000	2020	101.0
Cobalt	1000	1010	101.0	2000	2050	102.5	2000	2050	102.5
Copper	1000	986	98.6	2000	1940	97.0	2000	1940	97.0
Iron	anr								
Lead	1000	981	98.1	2000	2030	101.5	2000	2030	101.5
Magnesium	anr								
Manganese	1000	1020	102.0	2000	2070	103.5	2000	2060	103.0
Molybdenum	anr								
Nickel	1000	986	98.6	2000	2040	102.0	2000	2030	101.5
Palladium									
Potassium	anr								
Selenium	1000	963	96.3	2000	2020	101.0	2000	2020	101.0
Silicon	anr								
Silver	500	505	101.0	250	250	100.0	250	251	100.4
Sodium	anr								
Strontium	anr								
Thallium	1000	998	99.8	2000	2060	103.0	2000	2050	102.5
Tin	1000	990	99.0	2000	2070	103.5	2000	2050	102.5
Titanium	anr								
Tungsten									
Vanadium	1000	950	95.0	2000	2070	103.5	2000	2060	103.0
Zinc	1000	1010	101.0	2000	2050	102.5	2000	2050	102.5
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25281 Units: ug/l

Time:		14:14			15:26			16:38	
Sample ID:	CCV	CCV4		CCV	CCV5		CCV	CCV6	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2010	100.5	2000	2030	101.5	2000	2060	103.0
Arsenic	2000	2000	100.0	2000	2030	101.5	2000	2050	102.5
Barium	2000	2010	100.5	2000	2050	102.5	2000	2080	104.0
Beryllium	2000	2010	100.5	2000	2000	100.0	2000	2030	101.5
Boron	2000	2030	101.5	2000	2060	103.0	2000	2080	104.0
Cadmium	2000	1990	99.5	2000	2070	103.5	2000	2080	104.0
Calcium	anr								
Chromium	2000	1990	99.5	2000	2040	102.0	2000	2060	103.0
Cobalt	2000	2040	102.0	2000	2070	103.5	2000	2100	105.0
Copper	2000	1890	94.5	2000	1980	99.0	2000	2000	100.0
Iron	anr								
Lead	2000	2030	101.5	2000	2050	102.5	2000	2080	104.0
Magnesium	anr								
Manganese	2000	2020	101.0	2000	2100	105.0	2000	2120	106.0
Molybdenum	anr								
Nickel	2000	2010	100.5	2000	2060	103.0	2000	2080	104.0
Palladium									
Potassium	anr								
Selenium	2000	2020	101.0	2000	2040	102.0	2000	2070	103.5
Silicon	anr								
Silver	250	246	98.4	250	253	101.2	250	257	102.8
Sodium	anr								
Strontium	anr								
Thallium	2000	2020	101.0	2000	2090	104.5	2000	2100	105.0
Tin	2000	2040	102.0	2000	2090	104.5	2000	2110	105.5
Titanium	anr								
Tungsten									
Vanadium	2000	2010	100.5	2000	2110	105.5	2000	2130	106.5
Zinc	2000	2050	102.5	2000	2060	103.0	2000	2090	104.5
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25281 Units: ug/l

Time:		17:10			18:21			19:32	
Sample ID:	CCV	CCV7		CCV	CCV8		CCV	CCV9	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2050	102.5	2000	2050	102.5	2000	2060	103.0
Arsenic	2000	2050	102.5	2000	2040	102.0	2000	2050	102.5
Barium	2000	2060	103.0	2000	2020	101.0	2000	2020	101.0
Beryllium	2000	2030	101.5	2000	2020	101.0	2000	2020	101.0
Boron	2000	2070	103.5	2000	2060	103.0	2000	2070	103.5
Cadmium	2000	2070	103.5	2000	2030	101.5	2000	2020	101.0
Calcium	anr								
Chromium	2000	2040	102.0	2000	2050	102.5	2000	2060	103.0
Cobalt	2000	2090	104.5	2000	2080	104.0	2000	2080	104.0
Copper	2000	1970	98.5	2000	1950	97.5	2000	1960	98.0
Iron	anr								
Lead	2000	2070	103.5	2000	2070	103.5	2000	2070	103.5
Magnesium	anr								
Manganese	2000	2100	105.0	2000	2080	104.0	2000	2090	104.5
Molybdenum	anr								
Nickel	2000	2070	103.5	2000	2050	102.5	2000	2040	102.0
Palladium									
Potassium	anr								
Selenium	2000	2060	103.0	2000	2050	102.5	2000	2060	103.0
Silicon	anr								
Silver	250	256	102.4	250	254	101.6	250	255	102.0
Sodium	anr								
Strontium	anr								
Thallium	2000	2090	104.5	2000	2050	102.5	2000	2040	102.0
Tin	2000	2100	105.0	2000	2070	103.5	2000	2070	103.5
Titanium	anr								
Tungsten									
Vanadium	2000	2100	105.0	2000	2070	103.5	2000	2070	103.5
Zinc	2000	2080	104.0	2000	2090	104.5	2000	2090	104.5
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25281 Units: ug/l

Time:		20:45			21:57			23:08	
Sample ID:	CCV	CCV10		CCV	CCV11		CCV	CCV12	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2100	105.0	2000	2090	104.5	2000	2070	103.5
Arsenic	2000	2080	104.0	2000	2070	103.5	2000	2060	103.0
Barium	2000	2060	103.0	2000	2030	101.5	2000	2020	101.0
Beryllium	2000	2010	100.5	2000	2020	101.0	2000	2030	101.5
Boron	2000	2110	105.5	2000	2100	105.0	2000	2080	104.0
Cadmium	2000	2060	103.0	2000	2040	102.0	2000	2030	101.5
Calcium	anr								
Chromium	2000	2050	102.5	2000	2060	103.0	2000	2080	104.0
Cobalt	2000	2100	105.0	2000	2100	105.0	2000	2100	105.0
Copper	2000	1990	99.5	2000	1980	99.0	2000	1970	98.5
Iron	anr								
Lead	2000	2070	103.5	2000	2080	104.0	2000	2080	104.0
Magnesium	anr								
Manganese	2000	2090	104.5	2000	2100	105.0	2000	2090	104.5
Molybdenum	anr								
Nickel	2000	2050	102.5	2000	2050	102.5	2000	2040	102.0
Palladium									
Potassium	anr								
Selenium	2000	2100	105.0	2000	2090	104.5	2000	2060	103.0
Silicon	anr								
Silver	250	256	102.4	250	257	102.8	250	257	102.8
Sodium	anr								
Strontium	anr								
Thallium	2000	2060	103.0	2000	2050	102.5	2000	2050	102.5
Tin	2000	2090	104.5	2000	2090	104.5	2000	2080	104.0
Titanium	anr								
Tungsten									
Vanadium	2000	2080	104.0	2000	2080	104.0	2000	2070	103.5
Zinc	2000	2080	104.0	2000	2090	104.5	2000	2100	105.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25281 Units: ug/l

Time:		00:19			01:31			02:42	
Sample ID:	CCV	CCV13		CCV	CCV14		CCV	CCV15	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2060	103.0	2000	2110	105.5	2000	2120	106.0
Arsenic	2000	2040	102.0	2000	2090	104.5	2000	2100	105.0
Barium	2000	1970	98.5	2000	1990	99.5	2000	1990	99.5
Beryllium	2000	2010	100.5	2000	2030	101.5	2000	2040	102.0
Boron	2000	2060	103.0	2000	2120	106.0	2000	2130	106.5
Cadmium	2000	1980	99.0	2000	1990	99.5	2000	1990	99.5
Calcium	anr								
Chromium	2000	2070	103.5	2000	2100	105.0	2000	2100	105.0
Cobalt	2000	2070	103.5	2000	2110	105.5	2000	2110	105.5
Copper	2000	1930	96.5	2000	1950	97.5	2000	1970	98.5
Iron	anr								
Lead	2000	2070	103.5	2000	2100	105.0	2000	2100	105.0
Magnesium	anr								
Manganese	2000	2070	103.5	2000	2080	104.0	2000	2080	104.0
Molybdenum	anr								
Nickel	2000	2000	100.0	2000	2010	100.5	2000	2010	100.5
Palladium									
Potassium	anr								
Selenium	2000	2030	101.5	2000	2090	104.5	2000	2100	105.0
Silicon	anr								
Silver	250	255	102.0	250	260	104.0	250	262	104.8
Sodium	anr								
Strontium	anr								
Thallium	2000	2000	100.0	2000	2000	100.0	2000	2010	100.5
Tin	2000	2040	102.0	2000	2060	103.0	2000	2060	103.0
Titanium	anr								
Tungsten									
Vanadium	2000	2030	101.5	2000	2040	102.0	2000	2050	102.5
Zinc	2000	2100	105.0	2000	2120	106.0	2000	2120	106.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25281 Units: ug/l

Time:		03:54			05:06	
Sample ID:	CCV	CCV16		CCV	CCV17	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum	anr					
Antimony	2000	2120	106.0	2000	2130	106.5
Arsenic	2000	2100	105.0	2000	2100	105.0
Barium	2000	1960	98.0	2000	1960	98.0
Beryllium	2000	2040	102.0	2000	2050	102.5
Boron	2000	2120	106.0	2000	2130	106.5
Cadmium	2000	1950	97.5	2000	1960	98.0
Calcium	anr					
Chromium	2000	2080	104.0	2000	2110	105.5
Cobalt	2000	2110	105.5	2000	2120	106.0
Copper	2000	1930	96.5	2000	1930	96.5
Iron	anr					
Lead	2000	2110	105.5	2000	2130	106.5
Magnesium	anr					
Manganese	2000	2060	103.0	2000	2080	104.0
Molybdenum	anr					
Nickel	2000	1990	99.5	2000	2010	100.5
Palladium						
Potassium	anr					
Selenium	2000	2090	104.5	2000	2090	104.5
Silicon	anr					
Silver	250	261	104.4	250	263	105.2
Sodium	anr					
Strontium	anr					
Thallium	2000	1980	99.0	2000	1990	99.5
Tin	2000	2040	102.0	2000	2050	102.5
Titanium	anr					
Tungsten						
Vanadium	2000	2000	100.0	2000	2030	101.5
Zinc	2000	2130	106.5	2000	2140	107.0
Zirconium						

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA25281 Units: ug/l

Time: Sample ID: Metal	CRI True	CRIA True	CRID True	10:15 CRID1 Results	% Rec
Aluminum			100	anr	
Antimony	120		3.0	3.0	100.0
Arsenic	20	3.0	3.0	3.4	113.3
Barium	400		4.0	4.0	100.0
Beryllium	10	1.0	1.0	1.0	100.0
Boron			10	7.9	79.0
Cadmium	10		1.0	1.1	110.0
Calcium			1000	anr	
Chromium	20		2.0	1.4	70.0
Cobalt	100		3.0	2.4	80.0
Copper	50		2.0	1.5	75.0
Iron					
Lead	6.0		2.5	2.0	80.0
Magnesium			100	anr	
Manganese	30		3.0	3.3	110.0
Molybdenum	40				
Nickel	80		4.0	4.6	115.0
Palladium	100				
Potassium			2000	anr	
Selenium	10		5.0	6.0	120.0
Silicon					
Silver	20		1.0	1.1	110.0
Sodium			1000	anr	
Strontium					
Thallium	20	2.0	2.0	2.3	115.0
Tin					
Titanium					
Tungsten	50				
Vanadium	100		2.0	2.6	130.0
Zinc	40		10	10.8	108.0
Zirconium	10	10	5.0		

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA25281 Units: ug/l

Time:		10:09		15:38		20:56	
Sample ID:	CRIB	CRIB1		CRIB2		CRIB3	
Metal	True	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	200						
Antimony	6.0	6.6	110.0	5.9	98.3	5.9	98.3
Arsenic	8.0	7.8	97.5	8.2	102.5	8.3	103.8
Barium	200	198	99.0	205	102.5	194	97.0
Beryllium	2.0	2.2	110.0	2.2	110.0	2.2	110.0
Boron	100	99.3	99.3	99.4	99.4	98.7	98.7
Cadmium	3.0	3.0	100.0	3.2	106.7	3.1	103.3
Calcium	5000						
Chromium	10	10.1	101.0	9.7	97.0	10.1	101.0
Cobalt	50	50.8	101.6	51.3	102.6	51.0	102.0
Copper	10	9.2	92.0	8.9	89.0	8.6	86.0
Iron	100						
Lead	3.0	2.8	93.3	3.6	120.0	2.7	90.0
Magnesium	5000						
Manganese	15	16.0	106.7	16.2	108.0	16.0	106.7
Molybdenum	20						
Nickel	10	11.0	110.0	11.3	113.0	11.2	112.0
Palladium	50						
Potassium	10000						
Selenium	10	9.9	99.0	9.7	97.0	10.9	109.0
Silicon	200						
Silver	5.0	4.9	98.0	5.1	102.0	5.2	104.0
Sodium	10000						
Strontium	10						
Thallium	10	11.2	112.0	11.0	110.0	10.2	102.0
Tin	10	11.0	110.0	10.8	108.0	10.6	106.0
Titanium	10						
Tungsten	50						
Vanadium	50	48.5	97.0	49.6	99.2	47.8	95.6
Zinc	20	21.9	109.5	22.1	110.5	22.0	110.0
Zirconium	10						

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA25281 Units: ug/l

Time: Sample ID: Metal	ICSA True	ICSAB True	10:55 ICSA1 Results	% Rec	11:01 ICSAB1 Results	% Rec	17:22 ICSA2 Results	% Rec	17:28 ICSAB2 Results	% Rec
Aluminum	500000	500000	491000	98.2	498000	99.6	489000	97.8	504000	100.8
Antimony		1000	1.0		1070	107.0	0.40		1090	109.0
Arsenic		1000	-1.3		1050	105.0	-0.40		1070	107.0
Barium		500	-5.2		515	103.0	-5.2		521	104.2
Beryllium		500	1.0		488	97.6	1.0		492	98.4
Boron			73.7		75.7		77.7		79.5	
Cadmium		1000	-1.4		1070	107.0	-1.5		1080	108.0
Calcium	400000	400000	370000	92.5	373000	93.3	366000	91.5	375000	93.8
Chromium		500	1.2		505	101.0	1.4		509	101.8
Cobalt		500	-0.70		482	96.4	-0.50		492	98.4
Copper		500	2.1		525	105.0	2.0		528	105.6
Iron	200000	200000	189000	94.5	191000	95.5	188000	94.0	191000	95.5
Lead		1000	4.5		1010	101.0	2.5		1030	103.0
Magnesium	500000	500000	510000	102.0	510000	102.0	510000	102.0	515000	103.0
Manganese		500	-4.6		506	101.2	-4.8		511	102.2
Molybdenum		500	-13		499	99.8	-10		503	100.6
Nickel		1000	4.4		1010	101.0	4.9		1030	103.0
Palladium		500	-12		563	112.6	-11		569	113.8
Potassium			47.9		36.9		75.5		67.7	
Selenium		1000	-0.30		1030	103.0	-1.4		1050	105.0
Silicon			-43		-33		-43		-33	
Silver		1000	3.3		1120	112.0	2.8		1140	114.0
Sodium			23.2		35.7		39.2		50.3	
Strontium			-4.2		-4.2		-3.9		-4.2	
Thallium		1000	-1.9		1000	100.0	-6.6*(a)		1010	101.0
Tin			-4.4		-3.8		-3.4		-3.4	
Titanium			4.7		4.8		4.8		5.2	
Tungsten		500	28.9		540	108.0	26.0		545	109.0
Vanadium		500	33.5		519	103.8	33.9		523	104.6
Zinc		1000	-1.9		944	94.4	-2.2		956	95.6
Zirconium		500								

(*) Outside of QC limits
(anr) Analyte not requested
(a) Within RDL limits for soils. No aqueous samples reported for this element bracketed by this QC.

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110210M1.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA25281 Units: ug/l

Time:			21:08		21:14		04:06		04:12	
Sample ID:	ICSA	ICSAB	ICSA3		ICSAB3		ICSA4		ICSAB4	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	500000	500000	491000	98.2	501000	100.2	468000	93.6	484000	96.8
Antimony		1000	0.0		1100	110.0	1.7		1090	109.0
Arsenic		1000	-1.6		1070	107.0	-1.2		1060	106.0
Barium		500	-5.2		516	103.2	-5.0		484	96.8
Beryllium		500	0.90		489	97.8	0.90		483	96.6
Boron			78.3		80.9		86.8		87.7	
Cadmium		1000	-1.4		1070	107.0	-1.8		996	99.6
Calcium	400000	400000	368000	92.0	374000	93.5	365000	91.3	373000	93.3
Chromium		500	1.6		513	102.6	1.2		510	102.0
Cobalt		500	-0.80		489	97.8	-1.0		479	95.8
Copper		500	2.3		528	105.6	4.2		501	100.2
Iron	200000	200000	187000	93.5	191000	95.5	182000	91.0	186000	93.0
Lead		1000	3.2		1030	103.0	3.9		1020	102.0
Magnesium	500000	500000	507000	101.4	511000	102.2	500000	100.0	508000	101.6
Manganese		500	-5.4		509	101.8	-7.7		488	97.6
Molybdenum		500	-9.6		497	99.4	-1.2		461	92.2
Nickel		1000	4.6		1020	102.0	5.3		970	97.0
Palladium		500	-11		573	114.6	-8.6		560	112.0
Potassium			66.3		31.1		80.9		62.2	
Selenium		1000	-2.0		1050	105.0	-7.6		1020	102.0
Silicon			-41		-31		-44		-32	
Silver		1000	1.9		1150	115.0	-2.2		1140	114.0
Sodium			87.9		88.9		48.3		57.3	
Strontium			-3.9		-4.1		-4.1		-4.3	
Thallium		1000	-3.2		1000	100.0	-0.80		938	93.8
Tin			-3.6		-2.8		-3.6		-3.0	
Titanium			5.3		4.8		5.2		5.0	
Tungsten		500	16.3		544	108.8	17.0		553	110.6
Vanadium		500	35.3		523	104.6	39.8		500	100.0
Zinc		1000	-2.3		962	96.2	-2.6		954	95.4
Zirconium		500								

(*) Outside of QC limits
(anr) Analyte not requested

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:06	MA25283-STD1	1		STDA
10:13	MA25283-STD2	1		STDB
10:19	MA25283-STD3	1		STDC
10:25	MA25283-CCV1	1		
10:31	MA25283-CCB1	1		
10:37	MA25283-CRIB1	1		
10:43	MA25283-CRID1	1		
10:51	MA25283-ICV1	1		
10:58	ZZZZZZ	1		
11:06	ZZZZZZ	1		
11:12	MA25283-ICV2	1		
11:27	MA25283-ICB1	1		
11:32	MA25283-ICCV1	1		
11:46	MA25283-CCB2	1		
11:55	MA25283-ICSA1	1		
12:01	MA25283-ICSAB1	1		
12:07	MA25283-CCV2	1		
12:13	MA25283-CCB3	1		
12:19	MA25283-CRID2	1		
12:26	ZZZZZZ	1		
12:32	MA25283-CRID3	1		
12:38	MA25283-CRID4	1		
12:44	MA25283-CCV3	1		
12:50	MA25283-CCB4	1		
12:56	ZZZZZZ	1		
13:03	MP55431-MB2	1		
13:09	MP55431-MB1	1		
13:15	MP55431-LC1	1		High RSD-s
13:21	MP55431-B1	1		
13:27	MP55431-S1	1		High RSD-s
13:33	MP55431-S2	1		High RSD-s
13:39	JA59326-1	1		(sample used for QC only; not part of login JA58900)
13:45	MP55431-SD1	5		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	13:51	MA25283-CCV4	1		
	13:57	MA25283-CCB5	1		
	14:04	ZZZZZZ	1		
	14:10	ZZZZZZ	1		
	14:16	ZZZZZZ	1		
	14:22	ZZZZZZ	1		
	14:28	JA58900-5	1		
	14:34	JA58900-6	1		
---------->	Last reportable sample/prep for job JA58900				
	14:40	ZZZZZZ	1		
	14:47	ZZZZZZ	1		
	14:53	ZZZZZZ	1		
	14:59	ZZZZZZ	1		
	15:06	MA25283-CCV5	1		
	15:12	MA25283-CCB6	1		
	15:18	ZZZZZZ	1		
	15:24	ZZZZZZ	1		
	15:30	ZZZZZZ	1		
	15:36	ZZZZZZ	1		
	15:42	ZZZZZZ	1		
	15:49	ZZZZZZ	1		
	15:55	ZZZZZZ	1		
	16:01	ZZZZZZ	1		
	16:07	ZZZZZZ	1		
	16:13	MA25283-CCV6	1		
	16:19	MA25283-CCB7	1		
	16:26	MA25283-ICSA2	1		
	16:32	MA25283-ICSAB2	1		
	16:38	ZZZZZZ	1		
	16:46	ZZZZZZ	1		
	16:53	ZZZZZZ	1		
	16:59	MA25283-CCV7	1		
	17:05	MA25283-CCB8	1		
---------->	Last reportable CCB for job JA58900				
	17:11	MP55430-MB1	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
17:17	MP55430-LC1	1		
17:23	MP55430-S1	1		MN=35ppm
17:29	MP55430-S2	1		MN=35ppm
17:36	JA59276-4	1		(sample used for QC only; not part of login JA58900)
17:42	MP55430-SD1	5		MN=35ppm
17:49	ZZZZZZ	1		
17:55	ZZZZZZ	1		
18:01	ZZZZZZ	1		
18:07	MA25283-CCV8	1		
18:13	MA25283-CCB9	1		
18:19	ZZZZZZ	1		
18:26	ZZZZZZ	1		
18:32	ZZZZZZ	1		
18:38	ZZZZZZ	1		
18:44	ZZZZZZ	1		
18:51	ZZZZZZ	1		
18:57	ZZZZZZ	1		
19:04	ZZZZZZ	1		
19:10	ZZZZZZ	1		
19:16	MA25283-CCV9	1		
19:22	MA25283-CCB10	1		
19:28	ZZZZZZ	1		
19:34	ZZZZZZ	1		
19:41	ZZZZZZ	1		
19:47	ZZZZZZ	1		
19:53	ZZZZZZ	1		
20:00	ZZZZZZ	1		
20:06	MA25283-CCV10	1		
20:12	MA25283-CCB11	1		
20:18	MP55303-MB1	1		
20:24	MP55303-B1	1		
20:30	MP55303-S1	1		Ca=1000ppm
20:37	MP55303-S2	1		Ca=1000ppm

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
20:43	JA59146-2	1		(sample used for QC only; not part of login JA58900)
20:49	MP55303-SD1	5		Ca=1000ppm
20:55	MP55451-MB1	1		
21:02	MP55451-LC1	1		
21:08	MP55451-S1	1		
21:14	MP55451-S2	1		
21:20	MA25283-CCV11	1		
21:26	MA25283-CCB12	1		
21:32	JA59289-12F	1		(sample used for QC only; not part of login JA58900)
21:38	MP55451-SD1	5		
21:44	ZZZZZZ	1		
21:51	ZZZZZZ	1		
21:57	ZZZZZZ	1		
22:03	ZZZZZZ	1		
22:10	ZZZZZZ	1		
22:16	ZZZZZZ	1		
22:22	ZZZZZZ	1		
22:29	ZZZZZZ	1		
22:35	MA25283-CCV12	1		
22:41	MA25283-CCB13	1		
22:48	MP55450-MB1	1		
22:54	MP55450-LC1	1		
23:00	MP55450-S1	1		
23:06	MP55450-S2	1		
23:12	JA59289-5F	1		(sample used for QC only; not part of login JA58900)
23:18	MP55450-SD1	5		
23:24	ZZZZZZ	1		
23:30	ZZZZZZ	1		
23:37	ZZZZZZ	1		
23:43	ZZZZZZ	1		
23:49	MA25283-CCV13	1		
23:55	MA25283-CCB14	1		
00:02	MA25283-ICSA3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
00:08	MA25283-ICSAB3	1		
00:14	ZZZZZZ	1		
00:20	MA25283-CCV14	1		
00:26	MA25283-CCB15	1		
00:33	ZZZZZZ	1		
00:39	ZZZZZZ	1		
00:45	ZZZZZZ	1		
00:51	ZZZZZZ	1		
00:57	ZZZZZZ	1		
01:04	ZZZZZZ	1		
01:10	ZZZZZZ	1		
01:16	ZZZZZZ	1		
01:22	ZZZZZZ	1		
01:28	ZZZZZZ	1		
01:35	ZZZZZZ	1		
01:41	ZZZZZZ	1		
01:47	ZZZZZZ	1		
01:53	MA25283-CCV15	1		
01:59	MA25283-CCB16	1		
02:05	ZZZZZZ	1		
02:12	ZZZZZZ	1		
02:18	ZZZZZZ	1		
02:24	ZZZZZZ	1		
02:31	ZZZZZZ	1		
02:37	MP55453-MB1	1		CCV/ICSAB out. Fe DL raised 7X
02:43	MP55453-B1	1		CCV/ICSAB out
02:49	MP55453-S1	1		CCV/ICSAB out. Ca=950ppm. Fe=600ppm. rerun for interference. Rerun straight for Sb, Ba, Mg, K, Na
02:56	MP55453-S2	1		CCV/ICSAB out. Ca=950ppm. Fe=600ppm. rerun for interference. Rerun straight for Sb, Ba, Mg, K, Na
03:02	JA59373-11	1		(sample used for QC only; not part of login JA58900)
03:08	MA25283-CCV16	1		
03:14	MA25283-CCB17	1		
03:21	MP55453-SD1	5		CCV/ICSAB out. Fe=600ppm. rerun for interference. Rerun straight for Sb, Ba, Mg, K, Na
03:27	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
03:33	ZZZZZZ	1		
03:39	ZZZZZZ	1		
03:46	ZZZZZZ	1		
03:52	ZZZZZZ	1		
03:58	ZZZZZZ	1		
04:04	ZZZZZZ	1		
04:10	ZZZZZZ	1		
04:17	ZZZZZZ	1		
04:23	MA25283-CCV17	1		
04:29	MA25283-CCB18	1		
04:35	ZZZZZZ	1		
04:41	ZZZZZZ	1		
04:48	ZZZZZZ	1		
04:54	ZZZZZZ	1		
05:00	ZZZZZZ	1		
05:06	ZZZZZZ	1		
05:12	ZZZZZZ	1		
05:18	ZZZZZZ	1		
05:24	ZZZZZZ	1		
05:31	ZZZZZZ	1		
05:37	MA25283-CCV18	1		
05:43	MA25283-CCB19	1		
05:49	MP55457-MB1	1		CCV /ICSAB out
05:55	MP55457-LC1	1		CCV /ICSAB out
06:01	MP55457-S1	1		CCV /ICSAB out
06:07	MP55457-S2	1		CCV /ICSAB out
06:13	JA59405-6	1		(sample used for QC only; not part of login JA58900)
06:19	MP55457-SD1	5		CCV /ICSAB out
06:26	MP55457-S3	1		CCV /ICSAB out
06:32	MP55457-S4	1		CCV /ICSAB out
06:38	JA59405-6F	1		(sample used for QC only; not part of login JA58900)
06:44	MP55457-SD2	5		CCV /ICSAB out
06:50	MA25283-CCV19	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
06:56	MA25283-CCB20	1		
07:02	MA25283-ICSA4	1		
07:09	MA25283-ICSAB4	1		
07:15	MA25283-CCV20	1		
07:21	MA25283-CCB21	1		
07:27	ZZZZZZ	1		
07:33	ZZZZZZ	1		
07:39	ZZZZZZ	1		ICSAb/CCV out
07:46	ZZZZZZ	1		
07:52	ZZZZZZ	1		
07:58	MA25283-ICSA5	1		
08:05	MA25283-ICSAB5	1		
08:11	MA25283-CCV21	1		
08:17	MA25283-CCB22	1		

Refer to raw data for calibration curve and standards.

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
10:06	MA25283-STD1	2948 R	132030 R	40848 R	8700 R
10:13	MA25283-STD2	2878	129860	40989	8220
10:19	MA25283-STD3	2739	124170	39503	7413
10:25	MA25283-CCV1	2816	128170	40155	7895
10:31	MA25283-CCB1	2933	132610	40879	8666
10:37	MA25283-CRIB1	2941	132380	40433	8557
10:43	MA25283-CRID1	2960	133970	40931	8718
10:51	MA25283-ICV1	2922	132350	40134	8474
10:58	ZZZZZZ	2934	133040	40735	8508
11:06	ZZZZZZ	2953	134230	40677	8717
11:12	MA25283-ICV2	2924	132920	41128	8494
11:27	MA25283-ICB1	2966	134470	40471	8757
11:32	MA25283-ICCV1	2827	129230	40030	7919
11:46	MA25283-CCB2	2962	134400	40673	8744
11:55	MA25283-ICSA1	2554	117720	37549	6624
12:01	MA25283-ICSAB1	2558	117670	37934	6636
12:07	MA25283-CCV2	2809	131480	40711	7888
12:13	MA25283-CCB3	2942	135220	40647	8729
12:19	MA25283-CRID2	2963	134340	40904	8760
12:26	ZZZZZZ	2911	134280	40869	8684
12:32	MA25283-CRID3	2960	135970	40375	8742
12:38	MA25283-CRID4	2940	136200	40983	8692
12:44	MA25283-CCV3	2812	130840	40116	7912
12:50	MA25283-CCB4	2937	135370	40357	8704
12:56	ZZZZZZ	2945	137110	40971	8785
13:03	MP55431-MB2	2927	134290	40679	8752
13:09	MP55431-MB1	2941	135620	40668	8717
13:15	MP55431-LC1	2860	133440	40191	8454
13:21	MP55431-B1	2810	130880	40921	8187
13:27	MP55431-S1	2714	125410	41407	7902
13:33	MP55431-S2	2729	128720	39651	7933
13:39	JA59326-1	2766	130540	40079	8278
13:45	MP55431-SD1	2896	134570	40369	8670

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
13:51	MA25283-CCV4	2801	130850	39635	7902
13:57	MA25283-CCB5	2928	136290	40576	8719
14:04	ZZZZZZ	2778	128670	40517	8127
14:10	ZZZZZZ	2650	128280	38782	7705
14:16	ZZZZZZ	2882	134400	39934	8658
14:22	ZZZZZZ	2877	135320	39861	8676
14:28	JA58900-5	2855	134200	40049	8611
14:34	JA58900-6	2844	135090	40500	8584
14:40	ZZZZZZ	2231	107620	35520	5990
14:47	ZZZZZZ	2704	126510	38563	7844
14:53	ZZZZZZ	1883	92267	32330	4783 !
14:59	ZZZZZZ	2677	127700	39210	7769
15:06	MA25283-CCV5	2772	129990	39288	7864
15:12	MA25283-CCB6	2881	135910	40450	8634
15:18	ZZZZZZ	2665	127300	999999 !	7833
15:24	ZZZZZZ	2853	133140	40366	8585
15:30	ZZZZZZ	2677	128430	39062	7719
15:36	ZZZZZZ	2852	134930	40073	8622
15:42	ZZZZZZ	2842	133460	39549	8596
15:49	ZZZZZZ	2494	121000	37917	7035
15:55	ZZZZZZ	2516	121540	38138	7128
16:01	ZZZZZZ	2732	127480	39516	8141
16:07	ZZZZZZ	2668	129160	38668	7854
16:13	MA25283-CCV6	2755	130150	39006	7827
16:19	MA25283-CCB7	2870	135020	39699	8619
16:26	MA25283-ICSA2	2487	120930	36959	6547
16:32	MA25283-ICSAB2	2482	118720	36750	6511
16:38	ZZZZZZ	8014 !	408330 !	67141 !	999999 !
16:46	ZZZZZZ	2905	136240	39959	8747
16:53	ZZZZZZ	2858	133530	39344	8594
16:59	MA25283-CCV7	2747	130250	38832	7800
17:05	MA25283-CCB8	2857	134960	39803	8596
17:11	MP55430-MB1	2852	133060	39596	8642

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
17:17	MP55430-LC1	2807	132230	39157	8385
17:23	MP55430-S1	2427	999999 !	36801	6692
17:29	MP55430-S2	2423	999999 !	37479	6689
17:36	JA59276-4	2463	117990	37404	6868
17:42	MP55430-SD1	2734	129400	38076	7988
17:49	ZZZZZZ	2722	127610	39248	8029
17:55	ZZZZZZ	2531	121770	36815	7123
18:01	ZZZZZZ	2828	137730	40258	7895
18:07	MA25283-CCV8	2785	130660	38355	7896
18:13	MA25283-CCB9	2915	137260	39240	8730
18:19	ZZZZZZ	2540	122970	37434	7367
18:26	ZZZZZZ	2532	123700	37291	7407
18:32	ZZZZZZ	2822	132170	38812	8361
18:38	ZZZZZZ	2707	128620	36936	7844
18:44	ZZZZZZ	2587	123200	37357	7318
18:51	ZZZZZZ	2601	123740	37575	7383
18:57	ZZZZZZ	2498	120110	36450	7015
19:04	ZZZZZZ	2752	130330	38479	8019
19:10	ZZZZZZ	2819	132590	38818	8406
19:16	MA25283-CCV9	2782	133050	38462	7900
19:22	MA25283-CCB10	2911	136180	39107	8703
19:28	ZZZZZZ	2736	130120	38332	7990
19:34	ZZZZZZ	2526	121210	36498	7053
19:41	ZZZZZZ	2396	116990	36416	6708
19:47	ZZZZZZ	2708	128890	37391	7980
19:53	ZZZZZZ	2687	129800	38065	7911
20:00	ZZZZZZ	2699	127860	36850	7957
20:06	MA25283-CCV10	2763	131100	37910	7860
20:12	MA25283-CCB11	2889	136940	39128	8661
20:18	MP55303-MB1	2838	135330	38921	8598
20:24	MP55303-B1	2765	131000	38682	8122
20:30	MP55303-S1	2342	116820	35281	6566
20:37	MP55303-S2	2338	115640	35413	6570

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
20:43	JA59146-2	2373	116650	35512	6723
20:49	MP55303-SD1	2673	128220	37468	7855
20:55	MP55451-MB1	2882	138470	39407	8761
21:02	MP55451-LC1	2822	136250	38673	8456
21:08	MP55451-S1	2585	127090	38694	7493
21:14	MP55451-S2	2589	126300	37873	7486
21:20	MA25283-CCV11	2746	130600	37889	7823
21:26	MA25283-CCB12	2888	136330	38480	8664
21:32	JA59289-12F	2665	128870	38173	7781
21:38	MP55451-SD1	2815	133400	38272	8363
21:44	ZZZZZZ	2667	126940	38437	7795
21:51	ZZZZZZ	2703	130570	38260	7932
21:57	ZZZZZZ	1893	94696	31160	4866 !
22:03	ZZZZZZ	2138	105330	34424	5792
22:10	ZZZZZZ	2111	106380	33377	5741
22:16	ZZZZZZ	2123	105370	34423	5765
22:22	ZZZZZZ	2112	106330	33733	5741
22:29	ZZZZZZ	2128	108300	35039	5781
22:35	MA25283-CCV12	2743	129740	37216	7810
22:41	MA25283-CCB13	2896	136080	38231	8688
22:48	MP55450-MB1	2874	138090	38189	8740
22:54	MP55450-LC1	2837	135640	38508	8496
23:00	MP55450-S1	2638	128770	38182	7653
23:06	MP55450-S2	2633	128710	37410	7648
23:12	JA59289-5F	2648	129930	38142	7808
23:18	MP55450-SD1	2857	134530	37859	8523
23:24	ZZZZZZ	2907	138800	38407	8810
23:30	ZZZZZZ	2153	107150	33461	5719
23:37	ZZZZZZ	2021	100770	32484	5199 !
23:43	ZZZZZZ	2696	141060	38090	8111
23:49	MA25283-CCV13	2794	132290	37047	7951
23:55	MA25283-CCB14	2934	137800	38578	8785
00:02	MA25283-ICSA3	2548	120380	34908	6679

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
00:08	MA25283-ICSAB3	2550	121140	34900	6673
00:14	ZZZZZZ	2976	138420	37995	8884
00:20	MA25283-CCV14	2833	134520	37189	8048
00:26	MA25283-CCB15	2956	139710	38061	8873
00:33	ZZZZZZ	2952	138850	37768	8896
00:39	ZZZZZZ	2670	138270	43494	8675
00:45	ZZZZZZ	2415	127940	42001	8103
00:51	ZZZZZZ	2342	124940	41419	7758
00:57	ZZZZZZ	2145	117780	39481	6909
01:04	ZZZZZZ	2489	118640	40974	7267
01:10	ZZZZZZ	2296	126720	42706	6894
01:16	ZZZZZZ	2366	125830	41466	7958
01:22	ZZZZZZ	2374	127090	40657	7872
01:28	ZZZZZZ	2367	125070	41095	7989
01:35	ZZZZZZ	2353	126860	41702	7939
01:41	ZZZZZZ	2388	126010	41429	8025
01:47	ZZZZZZ	2378	126740	41298	7990
01:53	MA25283-CCV15	2524	130870	39778	7560
01:59	MA25283-CCB16	2551	132710	40791	8316
02:05	ZZZZZZ	2193	120730	39089	6928
02:12	ZZZZZZ	2246	122160	41094	7319
02:18	ZZZZZZ	2249	120620	38719	7188
02:24	ZZZZZZ	2286	123760	40246	7316
02:31	ZZZZZZ	2271	122330	39577	7244
02:37	MP55453-MB1	2469	130580	40722	8186
02:43	MP55453-B1	2453	129100	40224	7799
02:49	MP55453-S1	2037	112770	36008	5669
02:56	MP55453-S2	2039	111300	35493	5639
03:02	JA59373-11	2170	121610	38453	6566
03:08	MA25283-CCV16	2408	126440	39113	7417
03:14	MA25283-CCB17	2531	131760	40471	8295
03:21	MP55453-SD1	2416	128360	39870	7706
03:27	ZZZZZZ	2385	128540	39923	7029

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
03:33	ZZZZZZ	2439	130310	40511	7535
03:39	ZZZZZZ	2450	130860	40502	7314
03:46	ZZZZZZ	2306	129620	39047	7145
03:52	ZZZZZZ	2306	127680	39419	7032
03:58	ZZZZZZ	2381	129020	39742	7434
04:04	ZZZZZZ	2352	126060	39292	7187
04:10	ZZZZZZ	2476	131670	41010	7482
04:17	ZZZZZZ	2533	135950	42132	7232
04:23	MA25283-CCV17	2450	128380	39451	7531
04:29	MA25283-CCB18	2515	134100	40777	8275
04:35	ZZZZZZ	2344	128320	39729	6887
04:41	ZZZZZZ	2433	131190	40703	7576
04:48	ZZZZZZ	2340	127830	39491	7522
04:54	ZZZZZZ	2458	131910	40594	7700
05:00	ZZZZZZ	2484	133280	40647	7871
05:06	ZZZZZZ	2500	135050	41688	7315
05:12	ZZZZZZ	2450	131940	41581	7424
05:18	ZZZZZZ	2445	132980	40374	7203
05:24	ZZZZZZ	2491	133120	41278	7376
05:31	ZZZZZZ	2481	133720	41445	7241
05:37	MA25283-CCV18	2410	128160	39512	7428
05:43	MA25283-CCB19	2485	131330	40109	8174
05:49	MP55457-MB1	2468	130720	40294	8195
05:55	MP55457-LC1	2470	129240	40126	8057
06:01	MP55457-S1	2434	128540	39846	7776
06:07	MP55457-S2	2442	130680	40429	7834
06:13	JA59405-6	2512	134470	41418	8260
06:19	MP55457-SD1	2528	133530	40867	8313
06:26	MP55457-S3	2457	131450	40668	7875
06:32	MP55457-S4	2432	129470	39893	7778
06:38	JA59405-6F	2499	131910	40345	8235
06:44	MP55457-SD2	2559	134300	40776	8400
06:50	MA25283-CCV19	2462	128140	39327	7571

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA25283
Parameters: Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mn,Ni,Se,Ag,Tl,Sn,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
06:56	MA25283-CCB20	2568	132990	40165	8398
07:02	MA25283-ICSA4	2190	121000	37373	6160
07:09	MA25283-ICSAB4	2195	116750	36556	6160
07:15	MA25283-CCV20	2440	128780	39123	7511
07:21	MA25283-CCB21	2586	134720	41036	8457
07:27	ZZZZZZ	2522	133220	40649	8352
07:33	ZZZZZZ	2537	131760	39952	8370
07:39	ZZZZZZ	2494	129950	39325	8272
07:46	ZZZZZZ	2587	135430	41299	8315
07:52	ZZZZZZ	2471	131370	40035	8159
07:58	MA25283-ICSA5	2151	114940	36185	6066
08:05	MA25283-ICSAB5	2159	116720	36524	6071
08:11	MA25283-CCV21	2431	129250	39205	7497
08:17	MA25283-CCB22	3538	133960	40067	9938

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	60-125 %
Istd#2	Yttrium (3600)	60-125 %
Istd#3	Yttrium (3710)	60-125 %
Istd#4	Indium	60-125 %

11.2.1

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BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25283 Units: ug/l

Time:			11:27		11:46		12:13		12:50	
Sample ID:			ICB1		CCB2		CCB3		CCB4	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	2.5	anr							
Antimony	6.0	1.2	-0.50	<6.0	0.0	<6.0	0.20	<6.0	0.30	<6.0
Arsenic	3.0	1.2	0.40	<3.0	0.80	<3.0	1.0	<3.0	0.30	<3.0
Barium	200	.2	0.0	<200	0.80	<200	0.40	<200	0.30	<200
Beryllium	1.0	.2	0.0	<1.0	0.70	<1.0	0.30	<1.0	0.30	<1.0
Boron	100	.8	-0.30	<100	0.30	<100	0.20	<100	0.20	<100
Cadmium	3.0	.2	-0.10	<3.0	0.0	<3.0	0.10	<3.0	0.10	<3.0
Calcium	5000	11	anr							
Chromium	10	.3	0.0	<10	0.50	<10	0.10	<10	0.20	<10
Cobalt	50	.3	-0.10	<50	0.10	<50	0.10	<50	0.10	<50
Copper	10	.3	-0.10	<10	0.60	<10	0.10	<10	0.10	<10
Iron	100	2	anr							
Lead	3.0	.9	-0.70	<3.0	-0.30	<3.0	-0.30	<3.0	0.40	<3.0
Magnesium	5000	13	anr							
Manganese	15	.2	0.0	<15	0.40	<15	0.30	<15	0.30	<15
Molybdenum	20	.7	anr							
Nickel	10	.3	-0.10	<10	0.0	<10	0.20	<10	0.10	<10
Palladium	50	1.1								
Potassium	10000	15	anr							
Selenium	10	1.6	-0.60	<10	-0.60	<10	-0.80	<10	-1.5	<10
Silicon	200	5.2								
Silver	10	.3	0.40	<10	0.30	<10	0.30	<10	0.40	<10
Sodium	10000	7.9	anr							
Strontium	10	.1								
Thallium	2.0	1.3	1.4	<2.0	1.5	<2.0	1.3	<2.0	1.5	<2.0
Tin	10	.3	0.10	<10	-0.50	<10	-0.10	<10	0.30	<10
Titanium	10	.3	anr							
Tungsten	50	11								
Vanadium	50	.2	0.0	<50	0.50	<50	0.50	<50	0.50	<50
Zinc	20	2.8	-0.10	<20	0.20	<20	0.30	<20	0.40	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25283 Units: ug/l

Time:			13:57		15:12		16:19		17:05	
Sample ID:			CCB5		CCB6		CCB7		CCB8	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	2.5	anr							
Antimony	6.0	1.2	0.30	<6.0	0.20	<6.0	-0.40	<6.0	-0.20	<6.0
Arsenic	3.0	1.2	0.60	<3.0	0.10	<3.0	0.70	<3.0	0.10	<3.0
Barium	200	.2	0.60	<200	0.50	<200	0.30	<200	0.0	<200
Beryllium	1.0	.2	0.50	<1.0	0.40	<1.0	0.30	<1.0	0.0	<1.0
Boron	100	.8	0.50	<100	0.60	<100	0.80	<100	0.30	<100
Cadmium	3.0	.2	0.10	<3.0	0.10	<3.0	0.20	<3.0	-0.10	<3.0
Calcium	5000	11	anr							
Chromium	10	.3	0.30	<10	0.20	<10	0.30	<10	-0.40	<10
Cobalt	50	.3	0.10	<50	0.10	<50	0.0	<50	0.0	<50
Copper	10	.3	0.10	<10	0.10	<10	0.10	<10	-0.40	<10
Iron	100	2	anr							
Lead	3.0	.9	-0.90	<3.0	-0.30	<3.0	-0.20	<3.0	-0.80	<3.0
Magnesium	5000	13	anr							
Manganese	15	.2	0.50	<15	0.40	<15	0.40	<15	0.0	<15
Molybdenum	20	.7	anr							
Nickel	10	.3	0.30	<10	0.30	<10	0.50	<10	0.0	<10
Palladium	50	1.1								
Potassium	10000	15	anr							
Selenium	10	1.6	-0.70	<10	-0.50	<10	-0.50	<10	-0.90	<10
Silicon	200	5.2								
Silver	10	.3	0.30	<10	0.40	<10	0.30	<10	0.30	<10
Sodium	10000	7.9	anr							
Strontium	10	.1								
Thallium	2.0	1.3	1.6	<2.0	1.2	<2.0	1.2	<2.0	1.6	<2.0
Tin	10	.3	0.20	<10	-0.20	<10	0.20	<10	0.0	<10
Titanium	10	.3	anr							
Tungsten	50	11								
Vanadium	50	.2	0.70	<50	0.50	<50	0.40	<50	0.20	<50
Zinc	20	2.8	0.50	<20	0.50	<20	0.60	<20	0.30	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25283 Units: ug/l

Time:		11:32	
Sample ID:	ICCV	ICCV1	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony	2000	1970	98.5
Arsenic	2000	1990	99.5
Barium	2000	2000	100.0
Beryllium	2000	2030	101.5
Boron	2000	2000	100.0
Cadmium	2000	1980	99.0
Calcium	anr		
Chromium	2000	1970	98.5
Cobalt	2000	2010	100.5
Copper	2000	1940	97.0
Iron	anr		
Lead	2000	1960	98.0
Magnesium	anr		
Manganese	2000	2030	101.5
Molybdenum	anr		
Nickel	2000	1970	98.5
Palladium			
Potassium	anr		
Selenium	2000	1990	99.5
Silicon			
Silver	250	241	96.4
Sodium	anr		
Strontium			
Thallium	2000	2000	100.0
Tin	2000	2020	101.0
Titanium	anr		
Tungsten			
Vanadium	2000	1990	99.5
Zinc	2000	2010	100.5
Zirconium			

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25283 Units: ug/l

Time:		11:12			12:07			12:44	
Sample ID:	ICV	ICV2		CCV	CCV2		CCV	CCV3	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	1000	970	97.0	2000	1990	99.5	2000	1990	99.5
Arsenic	1000	975	97.5	2000	2010	100.5	2000	2000	100.0
Barium	1000	992	99.2	2000	1960	98.0	2000	1980	99.0
Beryllium	1000	999	99.9	2000	1990	99.5	2000	2010	100.5
Boron	1000	1000	100.0	2000	2010	100.5	2000	2010	100.5
Cadmium	1000	973	97.3	2000	2000	100.0	2000	2000	100.0
Calcium	anr								
Chromium	1000	993	99.3	2000	1940	97.0	2000	1960	98.0
Cobalt	1000	1010	101.0	2000	2030	101.5	2000	2030	101.5
Copper	1000	1010	101.0	2000	1920	96.0	2000	1930	96.5
Iron	anr								
Lead	1000	969	96.9	2000	1980	99.0	2000	1970	98.5
Magnesium	anr								
Manganese	1000	1030	103.0	2000	1990	99.5	2000	2010	100.5
Molybdenum	anr								
Nickel	1000	978	97.8	2000	2000	100.0	2000	1990	99.5
Palladium									
Potassium	anr								
Selenium	1000	967	96.7	2000	2010	100.5	2000	2000	100.0
Silicon									
Silver	500	497	99.4	250	238	95.2	250	239	95.6
Sodium	anr								
Strontium									
Thallium	1000	993	99.3	2000	2020	101.0	2000	2020	101.0
Tin	1000	1000	100.0	2000	2040	102.0	2000	2040	102.0
Titanium	anr								
Tungsten									
Vanadium	1000	938	93.8*(a)	2000	1960	98.0	2000	1970	98.5
Zinc	1000	1010	101.0	2000	2030	101.5	2000	2020	101.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested
(a) Within 90 to 110 percent limits required for SW846 6010. No EPA 200.7 samples reported for this element in the area bracketed by this QC.

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25283 Units: ug/l

Time:		13:51			15:06			16:13	
Sample ID:	CCV	CCV4		CCV	CCV5		CCV	CCV6	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2000	100.0	2000	2020	101.0	2000	2030	101.5
Arsenic	2000	2020	101.0	2000	2040	102.0	2000	2050	102.5
Barium	2000	2010	100.5	2000	2020	101.0	2000	2040	102.0
Beryllium	2000	2040	102.0	2000	2040	102.0	2000	2040	102.0
Boron	2000	2020	101.0	2000	2030	101.5	2000	2050	102.5
Cadmium	2000	2020	101.0	2000	2030	101.5	2000	2040	102.0
Calcium	anr								
Chromium	2000	1960	98.0	2000	1970	98.5	2000	1960	98.0
Cobalt	2000	2040	102.0	2000	2050	102.5	2000	2070	103.5
Copper	2000	1940	97.0	2000	1960	98.0	2000	1960	98.0
Iron	anr								
Lead	2000	1970	98.5	2000	1970	98.5	2000	1970	98.5
Magnesium	anr								
Manganese	2000	2010	100.5	2000	2020	101.0	2000	2000	100.0
Molybdenum	anr								
Nickel	2000	2010	100.5	2000	2000	100.0	2000	2020	101.0
Palladium									
Potassium	anr								
Selenium	2000	2020	101.0	2000	2040	102.0	2000	2050	102.5
Silicon									
Silver	250	240	96.0	250	242	96.8	250	241	96.4
Sodium	anr								
Strontium									
Thallium	2000	2040	102.0	2000	2030	101.5	2000	2050	102.5
Tin	2000	2050	102.5	2000	2060	103.0	2000	2080	104.0
Titanium	anr								
Tungsten									
Vanadium	2000	1980	99.0	2000	1990	99.5	2000	1970	98.5
Zinc	2000	2020	101.0	2000	2010	100.5	2000	2020	101.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25283 Units: ug/l

Time:		16:59	
Sample ID:	CCV	CCV7	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony	2000	2040	102.0
Arsenic	2000	2060	103.0
Barium	2000	2040	102.0
Beryllium	2000	2050	102.5
Boron	2000	2050	102.5
Cadmium	2000	2050	102.5
Calcium	anr		
Chromium	2000	1970	98.5
Cobalt	2000	2070	103.5
Copper	2000	1950	97.5
Iron	anr		
Lead	2000	1980	99.0
Magnesium	anr		
Manganese	2000	2010	100.5
Molybdenum	anr		
Nickel	2000	2030	101.5
Palladium			
Potassium	anr		
Selenium	2000	2060	103.0
Silicon			
Silver	250	240	96.0
Sodium	anr		
Strontium			
Thallium	2000	2060	103.0
Tin	2000	2080	104.0
Titanium	anr		
Tungsten			
Vanadium	2000	1980	99.0
Zinc	2000	2030	101.5
Zirconium			

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA25283 Units: ug/l

Time:				12:32		12:38	
Sample ID:	CRI	CRIA	CRID	CRID3		CRID4	
Metal	True	True	True	Results	% Rec	Results	% Rec
Aluminum			100	anr			
Antimony	120		3.0	2.7	90.0	3.0	100.0
Arsenic	20	3.0	3.0	3.6	120.0	3.5	116.7
Barium	400		4.0	4.1	102.5	4.0	100.0
Beryllium	10	1.0	1.0	1.0	100.0	1.0	100.0
Boron			10	9.8	98.0	9.4	94.0
Cadmium	10		1.0	0.90	90.0	0.90	90.0
Calcium			1000	anr			
Chromium	20		2.0	2.0	100.0	2.0	100.0
Cobalt	100		3.0	2.6	86.7	2.6	86.7
Copper	50		2.0	1.7	85.0	1.7	85.0
Iron							
Lead	6.0		2.5	2.1	84.0	2.2	88.0
Magnesium			100	anr			
Manganese	30		3.0	3.3	110.0	3.2	106.7
Molybdenum	40						
Nickel	80		4.0	4.4	110.0	4.5	112.5
Palladium	100						
Potassium			2000	anr			
Selenium	10		5.0	3.5	70.0	3.8	76.0
Silicon							
Silver	20		1.0	1.2	120.0	1.1	110.0
Sodium			1000	anr			
Strontium							
Thallium	20	2.0	2.0	2.3	115.0	1.8	90.0
Tin							
Titanium							
Tungsten	50						
Vanadium	100		2.0	2.0	100.0	2.1	105.0
Zinc	40		10	10.7	107.0	10.8	108.0
Zirconium	10	10	5.0				

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SA110210M2.ICP Date Analyzed: 11/02/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA25283 Units: ug/l

Time:			11:55		12:01		16:26		16:32	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1		ICSA2		ICSAB2	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	500000	500000	514000	102.8	520000	104.0	517000	103.4	527000	105.4
Antimony		1000	-0.50		1080	108.0	-0.40		1120	112.0
Arsenic		1000	1.9		1080	108.0	1.0		1120	112.0
Barium		500	-3.8		540	108.0	-3.9		547	109.4
Beryllium		500	0.0		518	103.6	0.0		523	104.6
Boron			-1.7		-3.0		-1.0		-2.4	
Cadmium		1000	0.90		1090	109.0	1.1		1130	113.0
Calcium	400000	400000	391000	97.8	389000	97.3	384000	96.0	388000	97.0
Chromium		500	1.2		511	102.2	1.1		504	100.8
Cobalt		500	0.90		482	96.4	1.3		497	99.4
Copper		500	1.2		541	108.2	1.7		545	109.0
Iron	200000	200000	191000	95.5	189000	94.5	188000	94.0	191000	95.5
Lead		1000	0.80		1000	100.0	0.70		1010	101.0
Magnesium	500000	500000	541000	108.2	534000	106.8	536000	107.2	537000	107.4
Manganese		500	1.3		515	103.0	1.0		507	101.4
Molybdenum		500	3.0		512	102.4	2.6		530	106.0
Nickel		1000	-1.0		1000	100.0	-1.0		1030	103.0
Palladium		500	-24		547	109.4	-14		557	111.4
Potassium			46.6		45.6		75.2		55.3	
Selenium		1000	3.6		1040	104.0	-2.0		1080	108.0
Silicon			-10		-7.6		-9.0		-7.8	
Silver		1000	3.0		1130	113.0	2.5		1120	112.0
Sodium			462		469		564		570	
Strontium			0.80		0.80		1.0		1.0	
Thallium		1000	-2.6		1010	101.0	-2.8		1040	104.0
Tin			-6.8		-7.6		-6.7		-8.2	
Titanium			3.9		4.0		4.3		4.0	
Tungsten		500	46.9		541	108.2	36.9		551	110.2
Vanadium		500	0.50		476	95.2	1.4		472	94.4
Zinc		1000	0.50		937	93.7	0.70		947	94.7
Zirconium		500	1.1		520	104.0	1.0		518	103.6

(*) Outside of QC limits
(anr) Analyte not requested

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:53	MA25292-STD1	1		STDA
11:59	MA25292-STD2	1		STDB
12:05	MA25292-STD3	1		STDC
12:11	MA25292-CCV1	1		
12:17	MA25292-CCB1	1		
12:28	MA25292-CRIB1	1		
12:34	MA25292-CRID1	1		
12:40	MA25292-ICV1	1		
12:51	MA25292-ICB1	1		
12:55	MA25292-ICCV1	1		
13:04	MA25292-CCB2	1		
13:11	ZZZZZZ	1		
13:17	ZZZZZZ	1		
13:23	MA25292-ICSA1	1		
13:29	MA25292-ICSAB1	1		
13:35	ZZZZZZ	1		
13:41	MA25292-CCV2	1		
13:47	MA25292-CCB3	1		
13:53	MP55449-B1	1		
13:59	MP55428-S1	1		
14:05	MP55428-S2	1		
14:11	ZZZZZZ	5		
14:17	MP55455-MB1	1		
14:23	MP55455-LC1	1		
14:29	MP55455-S1	1		
14:35	MP55455-S2	1		High RSD-s
14:40	JA59401-2	1		(sample used for QC only; not part of login JA58900)
14:46	MP55455-SD1	5		
14:52	MA25292-CCV3	1		
14:58	MA25292-CCB4	1		
15:04	MP55455-S3	1		
15:10	MP55455-S4	1		High RSD
15:16	JA59401-2F	1		(sample used for QC only; not part of login JA58900)

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:22	MP55455-SD2	5		
15:28	ZZZZZZ	1		
15:34	ZZZZZZ	1		
15:40	ZZZZZZ	1		
15:46	MP55477-MB1	1		
15:52	MP55477-LC1	1		
15:58	ZZZZZZ	1		
16:04	MA25292-CCV4	1		
16:10	MA25292-CCB5	1		
16:16	ZZZZZZ	1		
16:22	ZZZZZZ	1		
16:28	ZZZZZZ	1		
16:34	ZZZZZZ	1		
16:40	MP55477-S1	1		
16:45	MA25292-ICSA2	1		
16:52	MA25292-ICSAB2	1		
16:58	MP55477-S2	1		
17:03	JA59425-1	1		(sample used for QC only; not part of login JA58900)
17:09	MP55477-SD1	5		
17:15	MA25292-CCV5	1		
17:21	MA25292-CCB6	1		
17:27	ZZZZZZ	1		
17:33	ZZZZZZ	1		
17:39	ZZZZZZ	1		
17:45	ZZZZZZ	1		
17:51	ZZZZZZ	1		
17:57	ZZZZZZ	1		
18:03	ZZZZZZ	1		
18:09	ZZZZZZ	1		
18:15	ZZZZZZ	1		
18:21	ZZZZZZ	1		
18:27	MA25292-CCV6	1		
18:33	MA25292-CCB7	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
18:39	ZZZZZZ	1		
18:45	MP55467-MB1	1		
18:51	MP55467-B1	1		
18:57	MP55467-S1	1		
19:03	MP55467-S2	1		
19:09	JA59977-11	1		(sample used for QC only; not part of login JA58900)
19:15	MP55467-SD1	5		High RPD
19:20	ZZZZZZ	1		
19:26	ZZZZZZ	1		
19:32	ZZZZZZ	1		
19:38	MA25292-CCV7	1		
19:44	MA25292-CCB8	1		
19:50	ZZZZZZ	1		
19:56	ZZZZZZ	1		
20:02	ZZZZZZ	1		
20:08	ZZZZZZ	1		
20:14	ZZZZZZ	1		
20:20	ZZZZZZ	1		
20:26	ZZZZZZ	1		
20:32	ZZZZZZ	1		
20:37	ZZZZZZ	1		
20:43	ZZZZZZ	1		
20:49	MA25292-CCV8	1		
20:55	MA25292-CCB9	1		
21:01	ZZZZZZ	1		
21:07	ZZZZZZ	1		
21:13	ZZZZZZ	1		
21:19	ZZZZZZ	1		
21:24	ZZZZZZ	1		
21:30	ZZZZZZ	1		
21:36	ZZZZZZ	1		
21:42	ZZZZZZ	1		
21:48	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
21:54	ZZZZZZ	1		
22:00	MA25292-CCV9	1		
22:06	MA25292-CCB10	1		
22:12	ZZZZZZ	1		
22:18	ZZZZZZ	1		
22:24	ZZZZZZ	1		
22:30	ZZZZZZ	1		
22:36	ZZZZZZ	1		
22:42	ZZZZZZ	1		
22:48	ZZZZZZ	1		
22:54	ZZZZZZ	1		
23:00	MP55475-MB1	1		
23:06	MP55475-LC1	1		
23:12	MA25292-CCV10	1		
23:18	MA25292-CCB11	1		
23:24	ZZZZZZ	1		
23:30	ZZZZZZ	1		
23:36	ZZZZZZ	1		
23:42	ZZZZZZ	1		
23:48	ZZZZZZ	1		
23:54	ZZZZZZ	1		
00:00	ZZZZZZ	1		
00:06	ZZZZZZ	1		
00:12	ZZZZZZ	1		
00:18	ZZZZZZ	1		
00:24	MA25292-CCV11	1		
00:30	MA25292-CCB12	1		
00:36	MA25292-ICSA3	1		
00:42	MA25292-ICSAB3	1		
00:48	MP55475-S1	1		
00:54	MP55475-S2	1		
01:00	JA59413-4F	1		(sample used for QC only; not part of login JA58900)
01:06	MP55475-SD1	5		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
01:12	ZZZZZZ	1		
01:18	ZZZZZZ	1		
01:24	ZZZZZZ	1		
01:30	ZZZZZZ	1		
01:36	MA25292-CCV12	1		
01:42	MA25292-CCB13	1		
01:48	ZZZZZZ	1		
01:54	ZZZZZZ	1		
02:00	ZZZZZZ	1		
02:06	ZZZZZZ	1		
02:12	ZZZZZZ	1		
02:18	ZZZZZZ	5		
02:24	ZZZZZZ	1		
02:30	ZZZZZZ	1		
02:37	ZZZZZZ	1		
02:43	ZZZZZZ	5		
02:49	MA25292-CCV13	1		
02:55	MA25292-CCB14	1		
03:01	ZZZZZZ	1		
03:07	MP55431-LC1	1		
03:13	MP55431-S1	1		
03:18	MP55431-S2	1		
---------->	Last reportable sample/prep for job JA58900			
03:24	ZZZZZZ	1		
03:30	ZZZZZZ	5		
03:36	ZZZZZZ	1		
03:42	ZZZZZZ	5		
03:48	MP55473-MB1	1		
03:54	MP55473-LC1	1		
04:00	MA25292-CCV14	1		
04:06	MA25292-CCB15	1		
04:12	MP55473-S1	1		Raise Tl Dl
04:18	MP55473-S2	1		
04:24	JA59411-1	1		(sample used for QC only; not part of login JA58900)

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
04:30	MP55473-SD1	5		
04:36	ZZZZZZ	1		
04:42	ZZZZZZ	1		
04:48	ZZZZZZ	1		
04:54	ZZZZZZ	1		
05:00	ZZZZZZ	1		
05:06	ZZZZZZ	1		
05:12	MA25292-CCV15	1		
05:18	MA25292-CCB16	1		
05:24	ZZZZZZ	1		
05:30	ZZZZZZ	1		
05:36	ZZZZZZ	1		
05:42	ZZZZZZ	1		
05:48	ZZZZZZ	1		
05:54	ZZZZZZ	1		
06:00	ZZZZZZ	1		
06:06	ZZZZZZ	1		
06:12	ZZZZZZ	1		
06:18	ZZZZZZ	1		
06:24	MA25292-CCV16	1		
06:30	MA25292-CCB17	1		
06:36	ZZZZZZ	1		
06:42	ZZZZZZ	1		
06:48	ZZZZZZ	1		
06:54	MA25292-ICSA4	1		
07:01	MA25292-ICSAB4	1		
07:07	ZZZZZZ	1		
07:13	MA25292-CCV17	1		
07:18	MA25292-CCB18	1		
----------> Last reportable CCB for job JA58900				
08:03	ZZZZZZ	1		
08:09	ZZZZZZ	1		
08:14	ZZZZZZ	1		
08:18	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
08:24	ZZZZZZ	1		
08:29	ZZZZZZ	1		
08:34	ZZZZZZ	1		

Refer to raw data for calibration curve and standards.

11.3 11

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
11:53	MA25292-STD1	2249 R	76829 R	22276 R	6346 R
11:59	MA25292-STD2	2199	75276	22246	6034
12:05	MA25292-STD3	2083	72362	21747	5463
12:11	MA25292-CCV1	2161	74894	22050	5814
12:17	MA25292-CCB1	2244	76900	22241	6344
12:28	MA25292-CRIB1	2231	76381	22132	6216
12:34	MA25292-CRID1	2232	76612	22181	6292
12:40	MA25292-ICV1	2213	76185	22144	6147
12:51	MA25292-ICB1	2238	76517	22109	6313
12:55	MA25292-ICCV1	2137	74305	21918	5747
13:04	MA25292-CCB2	2222	76810	22245	6280
13:11	ZZZZZZ	9111 !	220180 !	999999 !	22183 !
13:17	ZZZZZZ	2251	78143	22682	6397
13:23	MA25292-ICSA1	1929	67342	21079	4884
13:29	MA25292-ICSAB1	1914	67054	20967	4836
13:35	ZZZZZZ	2203	75937	21959	6227
13:41	MA25292-CCV2	2137	74221	21979	5739
13:47	MA25292-CCB3	2212	76391	22136	6249
13:53	MP55449-B1	2145	74172	22115	5917
13:59	MP55428-S1	1837	66517	21151	4688
14:05	MP55428-S2	1821	66183	21089	4647
14:11	ZZZZZZ	1962	69833	21745	4857
14:17	MP55455-MB1	2159	75529	22473	6181
14:23	MP55455-LC1	2124	75207	22141	6011
14:29	MP55455-S1	2099	74194	22107	5860
14:35	MP55455-S2	2094	73878	22716	5859
14:40	JA59401-2	2143	75836	22844	6154
14:46	MP55455-SD1	2255	79662	23266	6157
14:52	MA25292-CCV3	2074	73562	21887	5630
14:58	MA25292-CCB4	2157	75740	22068	6140
15:04	MP55455-S3	2072	74280	22119	5808
15:10	MP55455-S4	1821	72421	22471	5171
15:16	JA59401-2F	2145	77509	22208	6152

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
15:22	MP55455-SD2	2265	79717	23154	6190
15:28	ZZZZZZ	2058	74513	21985	5822
15:34	ZZZZZZ	2145	76400	22442	6107
15:40	ZZZZZZ	2229	78840	23347	6009
15:46	MP55477-MB1	2126	75779	22262	6119
15:52	MP55477-LC1	2103	75075	21701	5970
15:58	ZZZZZZ	2013	72781	21555	5605
16:04	MA25292-CCV4	2073	73430	21846	5615
16:10	MA25292-CCB5	2154	75909	22060	6147
16:16	ZZZZZZ	2012	72710	21622	5618
16:22	ZZZZZZ	1979	72011	21230	5471
16:28	ZZZZZZ	1983	72233	21470	5491
16:34	ZZZZZZ	2139	75804	22189	6141
16:40	MP55477-S1	2044	75428	21947	5714
16:45	MA25292-ICSA2	1886	66905	20656	4789
16:52	MA25292-ICSAB2	1886	66992	20972	4775
16:58	MP55477-S2	2047	74255	21827	5729
17:03	JA59425-1	2094	74940	21918	5948
17:09	MP55477-SD1	2149	76355	21938	6124
17:15	MA25292-CCV5	2089	73823	21654	5647
17:21	MA25292-CCB6	2173	75946	21787	6179
17:27	ZZZZZZ	2153	78748	22070	6157
17:33	ZZZZZZ	2158	75998	22025	6175
17:39	ZZZZZZ	2159	76226	22364	6183
17:45	ZZZZZZ	2161	76082	21960	6179
17:51	ZZZZZZ	2089	74627	21695	5883
17:57	ZZZZZZ	2190	76318	21889	6251
18:03	ZZZZZZ	2281	81992	23048	6113
18:09	ZZZZZZ	2183	76756	21829	6217
18:15	ZZZZZZ	2174	76585	21785	6216
18:21	ZZZZZZ	2180	76799	21920	6237
18:27	MA25292-CCV6	2133	73986	21553	5732
18:33	MA25292-CCB7	2217	76918	21619	6282

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
18:39	ZZZZZZ	2194	76860	21801	6251
18:45	MP55467-MB1	2212	77603	22103	6322
18:51	MP55467-B1	2173	75476	21773	5987
18:57	MP55467-S1	2170	73763	21989	5744
19:03	MP55467-S2	2178	74895	21956	5791
19:09	JA59977-11	2232	76312	22163	6029
19:15	MP55467-SD1	2240	77060	21807	6236
19:20	ZZZZZZ	2232	76691	22344	5980
19:26	ZZZZZZ	2248	77389	22008	6248
19:32	ZZZZZZ	2241	77224	22192	6110
19:38	MA25292-CCV7	2155	74304	21244	5761
19:44	MA25292-CCB8	2239	76760	21500	6314
19:50	ZZZZZZ	2256	76287	22201	6011
19:56	ZZZZZZ	2265	76201	22134	6054
20:02	ZZZZZZ	2289	79032	22935	5718
20:08	ZZZZZZ	2269	78155	22216	5799
20:14	ZZZZZZ	2173	75810	21910	5649
20:20	ZZZZZZ	2158	75501	22019	5460
20:26	ZZZZZZ	2157	75628	21938	5591
20:32	ZZZZZZ	2193	76663	22040	5701
20:37	ZZZZZZ	2293	79838	23117	5693
20:43	ZZZZZZ	2218	77109	22084	5848
20:49	MA25292-CCV8	2180	75001	21183	5807
20:55	MA25292-CCB9	2260	77740	21489	6359
21:01	ZZZZZZ	2221	77354	22170	5650
21:07	ZZZZZZ	2220	77587	22120	5748
21:13	ZZZZZZ	2285	79061	22285	5938
21:19	ZZZZZZ	2232	77404	21970	5839
21:24	ZZZZZZ	2237	77064	21929	5838
21:30	ZZZZZZ	2190	76041	21383	6127
21:36	ZZZZZZ	2200	76592	21266	6143
21:42	ZZZZZZ	2219	76348	21051	6149
21:48	ZZZZZZ	2237	77326	21335	6270

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
21:54	ZZZZZZ	2188	75842	21252	6072
22:00	MA25292-CCV9	2216	75681	21107	5868
22:06	MA25292-CCB10	2296	77991	21178	6420
22:12	ZZZZZZ	2268	77589	21207	6380
22:18	ZZZZZZ	2224	77081	21351	6193
22:24	ZZZZZZ	2179	75492	21049	6049
22:30	ZZZZZZ	2210	76622	21252	6165
22:36	ZZZZZZ	2209	75504	21037	6120
22:42	ZZZZZZ	2217	76895	21443	6224
22:48	ZZZZZZ	2189	76233	21394	6075
22:54	ZZZZZZ	2253	77765	21376	6364
23:00	MP55475-MB1	2294	79367	21829	6485
23:06	MP55475-LC1	2244	77447	21754	6244
23:12	MA25292-CCV10	2184	75150	21167	5794
23:18	MA25292-CCB11	2263	77495	21191	6353
23:24	ZZZZZZ	2215	77250	21605	5786
23:30	ZZZZZZ	2278	73371	22002	5848
23:36	ZZZZZZ	2092	73174	20534	5600
23:42	ZZZZZZ	2217	76834	21268	6045
23:48	ZZZZZZ	2252	77530	21198	6321
23:54	ZZZZZZ	2254	77190	21197	6352
00:00	ZZZZZZ	2260	77779	21260	6323
00:06	ZZZZZZ	2248	77304	21238	6316
00:12	ZZZZZZ	2240	77354	21284	6269
00:18	ZZZZZZ	2240	77563	21434	6244
00:24	MA25292-CCV11	2168	75442	21193	5757
00:30	MA25292-CCB12	2238	77494	21354	6303
00:36	MA25292-ICSA3	1976	68826	20402	4896
00:42	MA25292-ICSAB3	1978	68597	20363	4882
00:48	MP55475-S1	2069	74048	21154	5535
00:54	MP55475-S2	2052	73786	21135	5485
01:00	JA59413-4F	2064	74430	21167	5607
01:06	MP55475-SD1	2180	76081	21313	6065

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
01:12	ZZZZZZ	2253	78899	21815	6393
01:18	ZZZZZZ	1853	67425	20243	4753
01:24	ZZZZZZ	2053	74164	21154	5571
01:30	ZZZZZZ	2054	73938	21111	5574
01:36	MA25292-CCV12	2151	74543	20932	5711
01:42	MA25292-CCB13	2233	77061	21148	6286
01:48	ZZZZZZ	2059	74161	21123	5575
01:54	ZZZZZZ	1821	64683	19840	4508
02:00	ZZZZZZ	2098	75321	21298	5829
02:06	ZZZZZZ	1505	57303	18030	3683 !
02:12	ZZZZZZ	1503	57472	18282	3712 !
02:18	ZZZZZZ	1870	67825	20373	4863
02:24	ZZZZZZ	2054	74879	21605	5656
02:30	ZZZZZZ	2059	74472	21383	5658
02:37	ZZZZZZ	2051	74284	21347	5650
02:43	ZZZZZZ	1883	67472	19878	4849
02:49	MA25292-CCV13	2106	74275	20978	5646
02:55	MA25292-CCB14	2194	76765	21049	6223
03:01	ZZZZZZ	2166	76522	21128	6198
03:07	MP55431-LC1	2139	75884	21048	6032
03:13	MP55431-S1	2051	73755	20959	5643
03:18	MP55431-S2	2058	74140	20914	5658
03:24	ZZZZZZ	2073	74321	20969	5776
03:30	ZZZZZZ	1870	66547	19625	4781
03:36	ZZZZZZ	2044	73625	20792	5642
03:42	ZZZZZZ	2141	75704	21140	6054
03:48	MP55473-MB1	2148	76696	21287	6167
03:54	MP55473-LC1	2128	75672	21125	6000
04:00	MA25292-CCV14	2107	74453	20861	5635
04:06	MA25292-CCB15	2181	77182	21120	6195
04:12	MP55473-S1	1938	70982	20395	5158
04:18	MP55473-S2	1930	70879	20284	5136
04:24	JA59411-1	1956	71219	20378	5250

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
04:30	MP55473-SD1	2108	75401	20933	5884
04:36	ZZZZZZ	1973	72198	20604	5323
04:42	ZZZZZZ	2028	73344	20893	5581
04:48	ZZZZZZ	2056	73428	20893	5461
04:54	ZZZZZZ	1984	71909	20487	5383
05:00	ZZZZZZ	2051	74330	20759	5692
05:06	ZZZZZZ	2089	74803	20997	5685
05:12	MA25292-CCV15	2096	74273	20820	5596
05:18	MA25292-CCB16	2178	76794	20947	6182
05:24	ZZZZZZ	2069	74440	20749	5798
05:30	ZZZZZZ	2130	75994	20910	5985
05:36	ZZZZZZ	1947	71145	20116	5216
05:42	ZZZZZZ	1944	70854	20169	5213
05:48	ZZZZZZ	2143	76697	20964	6129
05:54	ZZZZZZ	2098	75490	20917	5907
06:00	ZZZZZZ	2053	73927	20681	5639
06:06	ZZZZZZ	2073	74593	20841	5711
06:12	ZZZZZZ	2047	73934	20765	5553
06:18	ZZZZZZ	2071	74306	20896	5718
06:24	MA25292-CCV16	2099	74435	20703	5596
06:30	MA25292-CCB17	2169	76804	20876	6157
06:36	ZZZZZZ	2041	73531	20650	5560
06:42	ZZZZZZ	2039	74035	20740	5602
06:48	ZZZZZZ	2104	75549	20890	5891
06:54	MA25292-ICSA4	1905	67957	20018	4720
07:01	MA25292-ICSAB4	1905	67923	19908	4700
07:07	ZZZZZZ	2167	76709	20832	6131
07:13	MA25292-CCV17	2097	74419	20589	5573
07:18	MA25292-CCB18	2159	76829	20839	6135
08:03	ZZZZZZ	1994	72234	20008	5387
08:09	ZZZZZZ	2126	77508	21508	5354
08:14	ZZZZZZ	2125	75948	20669	5960
08:18	ZZZZZZ	2149	76397	20636	6073

INTERNAL STANDARD SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
Analyst: VC Run ID: MA25292
Parameters: Ba,Be,Cr,Cu,Mn,Ag,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
08:24	ZZZZZZ	2160	76929	20804	6105
08:29	ZZZZZZ	2146	76784	20762	6052
08:34	ZZZZZZ	2118	75845	20519	6022

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	60-125 %
Istd#2	Yttrium (3600)	60-125 %
Istd#3	Yttrium (3710)	60-125 %
Istd#4	Indium	60-125 %

11.3.1

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BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25292 Units: ug/l

Time:			12:51		13:04		13:47		14:58	
Sample ID:			ICB1		CCB2		CCB3		CCB4	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.2	anr							
Antimony	6.0	1.2	anr							
Arsenic	3.0	1.1	anr							
Barium	200	.1	0.0	<200	0.0	<200	0.0	<200	0.20	<200
Beryllium	1.0	.1	0.0	<1.0	0.10	<1.0	0.10	<1.0	0.30	<1.0
Boron	100	.6								
Cadmium	3.0	.2	anr							
Calcium	5000	5.4	anr							
Chromium	10	.4	-0.30	<10	0.10	<10	-0.30	<10	0.30	<10
Cobalt	50	.1	anr							
Copper	10	.5	-0.20	<10	-0.10	<10	-0.20	<10	0.40	<10
Iron	100	1.7	anr							
Lead	3.0	.7	anr							
Magnesium	5000	10	anr							
Manganese	15	.2	0.0	<15	0.10	<15	0.10	<15	0.50	<15
Molybdenum	20	.6								
Nickel	10	.3	anr							
Palladium	50	1.1								
Potassium	10000	31	anr							
Selenium	10	1.2	anr							
Silicon	200	4.7								
Silver	10	.3	-0.10	<10	0.0	<10	-0.20	<10	-0.20	<10
Sodium	10000	39	anr							
Strontium	10	.1								
Thallium	2.0	.8	anr							
Tin	10	.5								
Titanium	10	.3	anr							
Tungsten	50	5.5								
Vanadium	50	.3	0.20	<50	0.30	<50	0.10	<50	0.70	<50
Zinc	20	1.3	anr							
Zirconium	10	.4								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25292 Units: ug/l

Time:			16:10		17:21		18:33		19:44	
Sample ID:			CCB5		CCB6		CCB7		CCB8	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.2	anr							
Antimony	6.0	1.2	anr							
Arsenic	3.0	1.1	anr							
Barium	200	.1	0.0	<200	0.30	<200	0.70	<200	0.60	<200
Beryllium	1.0	.1	0.10	<1.0	0.30	<1.0	0.60	<1.0	0.50	<1.0
Boron	100	.6								
Cadmium	3.0	.2	anr							
Calcium	5000	5.4	anr							
Chromium	10	.4	-0.10	<10	0.10	<10	0.40	<10	0.70	<10
Cobalt	50	.1	anr							
Copper	10	.5	0.10	<10	0.0	<10	0.0	<10	0.0	<10
Iron	100	1.7	anr							
Lead	3.0	.7	anr							
Magnesium	5000	10	anr							
Manganese	15	.2	0.10	<15	0.30	<15	0.70	<15	0.60	<15
Molybdenum	20	.6								
Nickel	10	.3	anr							
Palladium	50	1.1								
Potassium	10000	31	anr							
Selenium	10	1.2	anr							
Silicon	200	4.7								
Silver	10	.3	0.20	<10	-0.10	<10	-0.10	<10	-0.10	<10
Sodium	10000	39	anr							
Strontium	10	.1								
Thallium	2.0	.8	anr							
Tin	10	.5								
Titanium	10	.3	anr							
Tungsten	50	5.5								
Vanadium	50	.3	0.30	<50	0.30	<50	0.90	<50	0.70	<50
Zinc	20	1.3	anr							
Zirconium	10	.4								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25292 Units: ug/l

Time:			20:55		22:06		23:18		00:30	
Sample ID:			CCB9		CCB10		CCB11		CCB12	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.2	anr							
Antimony	6.0	1.2	anr							
Arsenic	3.0	1.1	anr							
Barium	200	.1	0.70	<200	0.70	<200	0.60	<200	0.50	<200
Beryllium	1.0	.1	0.50	<1.0	0.40	<1.0	0.30	<1.0	0.20	<1.0
Boron	100	.6								
Cadmium	3.0	.2	anr							
Calcium	5000	5.4	anr							
Chromium	10	.4	0.30	<10	0.20	<10	-0.70	<10	-0.40	<10
Cobalt	50	.1	anr							
Copper	10	.5	-0.40	<10	-0.80	<10	-1.1	<10	-1.0	<10
Iron	100	1.7	anr							
Lead	3.0	.7	anr							
Magnesium	5000	10	anr							
Manganese	15	.2	0.80	<15	0.60	<15	0.20	<15	0.40	<15
Molybdenum	20	.6								
Nickel	10	.3	anr							
Palladium	50	1.1								
Potassium	10000	31	anr							
Selenium	10	1.2	anr							
Silicon	200	4.7								
Silver	10	.3	0.0	<10	-0.40	<10	-0.40	<10	-0.10	<10
Sodium	10000	39	anr							
Strontium	10	.1								
Thallium	2.0	.8	anr							
Tin	10	.5								
Titanium	10	.3	anr							
Tungsten	50	5.5								
Vanadium	50	.3	0.80	<50	0.80	<50	0.40	<50	0.70	<50
Zinc	20	1.3	anr							
Zirconium	10	.4								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25292 Units: ug/l

Time:			01:42		02:55		04:06		05:18	
Sample ID:			CCB13		CCB14		CCB15		CCB16	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.2	anr							
Antimony	6.0	1.2	anr							
Arsenic	3.0	1.1	anr							
Barium	200	.1	0.80	<200	1.1	<200	0.70	<200	0.90	<200
Beryllium	1.0	.1	0.60	<1.0	0.80	<1.0	0.60	<1.0	0.60	<1.0
Boron	100	.6								
Cadmium	3.0	.2	anr							
Calcium	5000	5.4	anr							
Chromium	10	.4	0.0	<10	0.10	<10	0.10	<10	-0.10	<10
Cobalt	50	.1	anr							
Copper	10	.5	-0.40	<10	-0.70	<10	-1.1	<10	-1.0	<10
Iron	100	1.7	anr							
Lead	3.0	.7	anr							
Magnesium	5000	10	anr							
Manganese	15	.2	0.90	<15	0.70	<15	0.80	<15	0.80	<15
Molybdenum	20	.6								
Nickel	10	.3	anr							
Palladium	50	1.1								
Potassium	10000	31	anr							
Selenium	10	1.2	anr							
Silicon	200	4.7								
Silver	10	.3	-0.10	<10	0.10	<10	-0.30	<10	-0.40	<10
Sodium	10000	39	anr							
Strontium	10	.1								
Thallium	2.0	.8	anr							
Tin	10	.5								
Titanium	10	.3	anr							
Tungsten	50	5.5								
Vanadium	50	.3	1.1	<50	0.80	<50	1.0	<50	1.0	<50
Zinc	20	1.3	anr							
Zirconium	10	.4								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA25292 Units: ug/l

Time:			06:30		07:18	
Sample ID:			CCB17		CCB18	
Metal	RL	IDL	raw	final	raw	final
Aluminum	200	8.2	anr			
Antimony	6.0	1.2	anr			
Arsenic	3.0	1.1	anr			
Barium	200	.1	0.60	<200	1.4	<200
Beryllium	1.0	.1	0.30	<1.0	1.2	* (a)
Boron	100	.6				
Cadmium	3.0	.2	anr			
Calcium	5000	5.4	anr			
Chromium	10	.4	0.30	<10	0.70	<10
Cobalt	50	.1	anr			
Copper	10	.5	-1.2	<10	-1.2	<10
Iron	100	1.7	anr			
Lead	3.0	.7	anr			
Magnesium	5000	10	anr			
Manganese	15	.2	0.60	<15	0.80	<15
Molybdenum	20	.6				
Nickel	10	.3	anr			
Palladium	50	1.1				
Potassium	10000	31	anr			
Selenium	10	1.2	anr			
Silicon	200	4.7				
Silver	10	.3	-0.20	<10	0.0	<10
Sodium	10000	39	anr			
Strontium	10	.1				
Thallium	2.0	.8	anr			
Tin	10	.5				
Titanium	10	.3	anr			
Tungsten	50	5.5				
Vanadium	50	.3	0.70	<50	0.90	<50
Zinc	20	1.3	anr			
Zirconium	10	.4				

(*) Outside of QC limits
(anr) Analyte not requested
(a) All reported results <RL or >100x CCB value.

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25292 Units: ug/l

Time:		12:55	
Sample ID:	ICCV	ICCV1	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony	anr		
Arsenic	anr		
Barium	2000	1960	98.0
Beryllium	2000	1970	98.5
Boron			
Cadmium	anr		
Calcium	anr		
Chromium	2000	1950	97.5
Cobalt	anr		
Copper	2000	1910	95.5
Iron	anr		
Lead	anr		
Magnesium	anr		
Manganese	2000	1980	99.0
Molybdenum			
Nickel	anr		
Palladium			
Potassium	anr		
Selenium	anr		
Silicon			
Silver	250	243	97.2
Sodium	anr		
Strontium			
Thallium	anr		
Tin			
Titanium	anr		
Tungsten			
Vanadium	2000	1980	99.0
Zinc	anr		
Zirconium			

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25292 Units: ug/l

Time:		12:40			13:41			14:52	
Sample ID:	ICV	ICV1		CCV	CCV2		CCV	CCV3	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	1000	992	99.2	2000	1950	97.5	2000	1990	99.5
Beryllium	1000	994	99.4	2000	1970	98.5	2000	1970	98.5
Boron									
Cadmium	anr								
Calcium	anr								
Chromium	1000	998	99.8	2000	1940	97.0	2000	1930	96.5
Cobalt	anr								
Copper	1000	993	99.3	2000	1920	96.0	2000	1930	96.5
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	1000	1010	101.0	2000	1980	99.0	2000	1970	98.5
Molybdenum									
Nickel	anr								
Palladium									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	500	502	100.4	250	243	97.2	250	244	97.6
Sodium	anr								
Strontium									
Thallium	anr								
Tin									
Titanium	anr								
Tungsten									
Vanadium	1000	943	94.3*(a)	2000	1980	99.0	2000	1980	99.0
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested
(a) Within 90 to 110 percent limits required for SW846 6010. No EPA 200.7 samples reported for this element in the area bracketed by this QC.

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25292 Units: ug/l

Time:		16:04			17:15			18:27	
Sample ID:	CCV	CCV4		CCV	CCV5		CCV	CCV6	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	2000	2010	100.5	2000	1990	99.5	2000	1970	98.5
Beryllium	2000	1970	98.5	2000	2000	100.0	2000	2020	101.0
Boron									
Cadmium	anr								
Calcium	anr								
Chromium	2000	1930	96.5	2000	1930	96.5	2000	1940	97.0
Cobalt	anr								
Copper	2000	1940	97.0	2000	1960	98.0	2000	2020	101.0
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	2000	1990	99.5	2000	1990	99.5	2000	2000	100.0
Molybdenum									
Nickel	anr								
Palladium									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	250	247	98.8	250	244	97.6	250	245	98.0
Sodium	anr								
Strontium									
Thallium	anr								
Tin									
Titanium	anr								
Tungsten									
Vanadium	2000	2000	100.0	2000	1990	99.5	2000	2000	100.0
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25292 Units: ug/l

Time:		19:38			20:49			22:00	
Sample ID:	CCV	CCV7		CCV	CCV8		CCV	CCV9	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	2000	1950	97.5	2000	1950	97.5	2000	1920	96.0
Beryllium	2000	2050	102.5	2000	2040	102.0	2000	2060	103.0
Boron									
Cadmium	anr								
Calcium	anr								
Chromium	2000	1930	96.5	2000	1920	96.0	2000	1910	95.5
Cobalt	anr								
Copper	2000	2010	100.5	2000	2000	100.0	2000	2030	101.5
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	2000	2000	100.0	2000	2000	100.0	2000	2000	100.0
Molybdenum									
Nickel	anr								
Palladium									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	250	242	96.8	250	240	96.0	250	238	95.2
Sodium	anr								
Strontium									
Thallium	anr								
Tin									
Titanium	anr								
Tungsten									
Vanadium	2000	1990	99.5	2000	1990	99.5	2000	1980	99.0
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25292 Units: ug/l

Time:		23:12			00:24			01:36	
Sample ID:	CCV	CCV10		CCV	CCV11		CCV	CCV12	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	2000	1940	97.0	2000	1960	98.0	2000	1970	98.5
Beryllium	2000	2080	104.0	2000	2080	104.0	2000	2090	104.5
Boron									
Cadmium	anr								
Calcium	anr								
Chromium	2000	1910	95.5	2000	1910	95.5	2000	1880	94.0
Cobalt	anr								
Copper	2000	2050	102.5	2000	2050	102.5	2000	2090	104.5
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	2000	2020	101.0	2000	2020	101.0	2000	2020	101.0
Molybdenum									
Nickel	anr								
Palladium									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	250	241	96.4	250	241	96.4	250	242	96.8
Sodium	anr								
Strontium									
Thallium	anr								
Tin									
Titanium	anr								
Tungsten									
Vanadium	2000	2000	100.0	2000	2010	100.5	2000	2010	100.5
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25292 Units: ug/l

Time:		02:49			04:00			05:12	
Sample ID:	CCV	CCV13		CCV	CCV14		CCV	CCV15	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	2000	1990	99.5	2000	2000	100.0	2000	2010	100.5
Beryllium	2000	2090	104.5	2000	2110	105.5	2000	2110	105.5
Boron									
Cadmium	anr								
Calcium	anr								
Chromium	2000	1860	93.0	2000	1870	93.5	2000	1850	92.5
Cobalt	anr								
Copper	2000	2130	106.5	2000	2150	107.5	2000	2170	108.5
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	2000	2020	101.0	2000	2040	102.0	2000	2040	102.0
Molybdenum									
Nickel	anr								
Palladium									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	250	242	96.8	250	243	97.2	250	244	97.6
Sodium	anr								
Strontium									
Thallium	anr								
Tin									
Titanium	anr								
Tungsten									
Vanadium	2000	2010	100.5	2000	2020	101.0	2000	2030	101.5
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA25292 Units: ug/l

Time:		06:24			07:13	
Sample ID:	CCV	CCV16		CCV	CCV17	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	2000	2030	101.5	2000	2030	101.5
Beryllium	2000	2130	106.5	2000	2130	106.5
Boron						
Cadmium	anr					
Calcium	anr					
Chromium	2000	1870	93.5	2000	1860	93.0
Cobalt	anr					
Copper	2000	2180	109.0	2000	2180	109.0
Iron	anr					
Lead	anr					
Magnesium	anr					
Manganese	2000	2080	104.0	2000	2080	104.0
Molybdenum						
Nickel	anr					
Palladium						
Potassium	anr					
Selenium	anr					
Silicon						
Silver	250	247	98.8	250	246	98.4
Sodium	anr					
Strontium						
Thallium	anr					
Tin						
Titanium	anr					
Tungsten						
Vanadium	2000	2060	103.0	2000	2060	103.0
Zinc	anr					
Zirconium						

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA25292 Units: ug/l

Time:				12:34	
Sample ID:	CRI	CRIA	CRID	CRID1	
Metal	True	True	True	Results	% Rec
Aluminum			100	anr	
Antimony	120		3.0	anr	
Arsenic	20	3.0	3.0	anr	
Barium	400		4.0	3.8	95.0
Beryllium	10	1.0	1.0	0.90	90.0
Boron			10		
Cadmium	10		1.0	anr	
Calcium			1000	anr	
Chromium	20		2.0	1.5	75.0
Cobalt	100		3.0	anr	
Copper	50		2.0	2.0	100.0
Iron					
Lead	6.0		2.5	anr	
Magnesium			100	anr	
Manganese	30		3.0	3.2	106.7
Molybdenum	40				
Nickel	80		4.0	anr	
Palladium	100				
Potassium			2000	anr	
Selenium	10		5.0	anr	
Silicon					
Silver	20		1.0	1.0	100.0
Sodium			1000	anr	
Strontium					
Thallium	20	2.0	2.0	anr	
Tin					
Titanium					
Tungsten	50				
Vanadium	100		2.0	2.1	105.0
Zinc	40		10	anr	
Zirconium	10	10	5.0		

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA25292 Units: ug/l

Time:		12:28	
Sample ID:	CRIB	CRIB1	
Metal	True	Results	% Rec
Aluminum	200		
Antimony	6.0		
Arsenic	8.0		
Barium	200	200	100.0
Beryllium	2.0	2.0	100.0
Boron	100		
Cadmium	3.0		
Calcium	5000		
Chromium	10	10.0	100.0
Cobalt	50		
Copper	10	9.5	95.0
Iron	100		
Lead	3.0		
Magnesium	5000		
Manganese	15	16.0	106.7
Molybdenum	20		
Nickel	10		
Palladium	50		
Potassium	10000		
Selenium	10		
Silicon	200		
Silver	5.0	4.8	96.0
Sodium	10000		
Strontium	10		
Thallium	10		
Tin	10		
Titanium	10		
Tungsten	50		
Vanadium	50	48.5	97.0
Zinc	20		
Zirconium	10		

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA25292 Units: ug/l

Time:			13:23		13:29		16:45		16:52	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1		ICSA2		ICSAB2	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	500000	500000	492000	98.4	509000	101.8	498000	99.6	502000	100.4
Antimony		1000	-0.70		1090	109.0	-1.0		1080	108.0
Arsenic		1000	-0.20		1070	107.0	-2.4		1050	105.0
Barium		500	-5.3		525	105.0	-5.3		523	104.6
Beryllium		500	0.0		503	100.6	0.0		493	98.6
Boron			79.4		81.7		79.0		82.2	
Cadmium		1000	-0.50		1080	108.0	-0.40		1070	107.0
Calcium	400000	400000	374000	93.5	381000	95.3	372000	93.0	366000	91.5
Chromium		500	1.0		501	100.2	1.1		479	95.8
Cobalt		500	-0.10		486	97.2	-0.30		475	95.0
Copper		500	14.1		537	107.4	14.8		530	106.0
Iron	200000	200000	189000	94.5	194000	97.0	192000	96.0	190000	95.0
Lead		1000	0.10		1030	103.0	2.2		998	99.8
Magnesium	500000	500000	511000	102.2	521000	104.2	517000	103.4	504000	100.8
Manganese		500	-2.6		509	101.8	-2.6		494	98.8
Molybdenum		500	0.70		514	102.8	-0.60		504	100.8
Nickel		1000	-13		1020	102.0	-13		1000	100.0
Palladium		500	-7.2		596	119.2	-6.3		594	118.8
Potassium			40.9		26.8		71.8		32.8	
Selenium		1000	5.4		1050	105.0	6.7		1040	104.0
Silicon			-39		-39		-42		-37	
Silver		1000	5.3		1140	114.0	4.9		1120	112.0
Sodium			54.2		74.7		58.5		78.1	
Strontium			-4.2		-4.3		-3.9		-3.8	
Thallium		1000	2.5		992	99.2	0.30		958	95.8
Tin			-6.1		-5.3		-6.0		-5.0	
Titanium			4.7		4.9		4.6		4.7	
Tungsten		500	15.3		532	106.4	4.5		512	102.4
Vanadium		500	2.7		489	97.8	2.7		476	95.2
Zinc		1000	-2.2		949	94.9	-2.6		910	91.0
Zirconium		500	1.7		328	65.6	1.0		309	61.8*

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: SB110310M1.ICP Date Analyzed: 11/03/10 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA25292 Units: ug/l

Time:			00:36		00:42		06:54		07:01	
Sample ID:	ICSA	ICSAB	ICSA3		ICSAB3		ICSA4		ICSAB4	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	500000	500000	498000	99.6	509000	101.8	488000	97.6	502000	100.4
Antimony		1000	0.30		1060	106.0	0.10		1090	109.0
Arsenic		1000	-0.40		1030	103.0	-2.0		1040	104.0
Barium		500	-5.2		503	100.6	-5.1		507	101.4
Beryllium		500	0.0		513	102.6	0.0		510	102.0
Boron			71.5		74.1		82.5		84.6	
Cadmium		1000	-1.0		1040	104.0	-1.2		1050	105.0
Calcium	400000	400000	387000	96.8	397000	99.3	377000	94.3	386000	96.5
Chromium		500	1.1		468	93.6	0.60		445	89.0
Cobalt		500	-0.30		457	91.4	-0.60		453	90.6
Copper		500	14.7		550	110.0	14.7		568	113.6
Iron	200000	200000	192000	96.0	195000	97.5	189000	94.5	193000	96.5
Lead		1000	3.1		987	98.7	4.5		967	96.7
Magnesium	500000	500000	527000	105.4	530000	106.0	518000	103.6	523000	104.6
Manganese		500	-4.4		497	99.4	-5.8		493	98.6
Molybdenum		500	-2.6		486	97.2	0.90		488	97.6
Nickel		1000	-13		1010	101.0	-13		1020	102.0
Palladium		500	-1.4		577	115.4	2.9		586	117.2
Potassium			81.7		69.4		81.7		72.9	
Selenium		1000	2.0		997	99.7	-3.0		997	99.7
Silicon			-43		-40		-42		-39	
Silver		1000	1.1		1090	109.0	-2.7		1090	109.0
Sodium			46.9		71.1		56.9		75.7	
Strontium			-4.5		-4.9		-4.0		-4.3	
Thallium		1000	3.1		932	93.2	2.7		904	90.4
Tin			-4.9		-5.3		-4.6		-5.3	
Titanium			4.6		4.7		4.6		4.7	
Tungsten		500	5.8		520	104.0	6.4		536	107.2
Vanadium		500	4.2		475	95.0	5.5		473	94.6
Zinc		1000	-2.9		901	90.1	-3.7		867	86.7
Zirconium		500	1.8		329	65.8	1.1		343	68.6*

(*) Outside of QC limits
(anr) Analyte not requested

11.3.7 11

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H21105W2.PRN Date Analyzed: 11/05/10 Methods: EPA 245.1, SW846 7470A
Analyst: JW Run ID: MA25307
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:56	MA25307-STD1	1		R=0.999763, B=2.01601e-5, C=-1.7573e-1.
15:57	MA25307-STD2	1		STD02REP1
15:58	MA25307-STD3	1		STD03REP1
16:00	MA25307-STD4	1		STD04REP1
16:01	MA25307-STD5	1		STD05REP1
16:03	MA25307-STD6	1		STD06REP1
16:14	MA25307-ICV1	1		
16:15	MA25307-ICB1	1		
16:16	MA25307-CRI1	1		
16:20	MA25307-ICCV1	1		
16:22	MA25307-CCB1	1		
16:23	MA25307-CRI2	1		
16:27	MP55465-MB2	1		
16:28	MP55465-LC1	1		
16:29	ZZZZZZ	1		
16:31	MA25307-CRI3	1		
16:32	MP55515-MB1	1		
16:34	MP55515-LC1	1		
16:35	MP55515-S1	1		
16:36	MP55515-S2	1		
16:37	JA60566-2	1		(sample used for QC only; not part of login JA58900)
16:39	MA25307-CCV1	1		
16:40	MA25307-CCB2	1		
16:41	ZZZZZZ	1		
16:43	ZZZZZZ	1		
16:44	ZZZZZZ	1		
16:45	ZZZZZZ	1		
16:46	ZZZZZZ	1		
16:52	ZZZZZZ	1		
16:54	ZZZZZZ	1		
16:55	ZZZZZZ	1		
16:56	MA25307-CCV2	1		
16:57	MA25307-CCB3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H21105W2.PRN Date Analyzed: 11/05/10 Methods: EPA 245.1, SW846 7470A
Analyst: JW Run ID: MA25307
Parameters: Hg

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	17:08	MP55517-MB1	1		
	17:10	MP55517-LC1	1		
	17:12	ZZZZZZ	1		
	17:13	JA58900-5	1		
	17:15	JA58900-6	1		
---------->	Last reportable sample/prep for job JA58900				
	17:16	ZZZZZZ	1		
	17:19	ZZZZZZ	1		
	17:20	ZZZZZZ	1		
	17:21	ZZZZZZ	1		
	17:35	ZZZZZZ	1		
	17:36	MA25307-CCV3	1		
	17:38	MA25307-CCB4	1		
	17:51	ZZZZZZ	1		
	17:52	ZZZZZZ	1		
	18:09	MP55519-MB1	1		
	18:10	MP55519-LC1	1		
	18:12	MP55519-S1	1		
	18:13	MP55519-S2	1		
	18:14	JA60498-7A	1		(sample used for QC only; not part of login JA58900)
	18:17	ZZZZZZ	1		
	18:18	ZZZZZZ	1		
	18:20	MA25307-CRI4	1		
	18:21	MA25307-CCV4	1		
	18:23	MA25307-CCB5	1		
---------->	Last reportable CCB for job JA58900				

Refer to raw data for calibration curve and standards.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H21105W2.PRN Date Analyzed: 11/05/10 Methods: EPA 245.1, SW846 7470A
QC Limits: result < RL Run ID: MA25307 Units: ug/l

Time:			16:15		16:22		16:40		16:57	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	0.20	.085	-0.082	<0.20	-0.069	<0.20	-0.083	<0.20	-0.091	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

11.4.1

11

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H21105W2.PRN Date Analyzed: 11/05/10 Methods: EPA 245.1, SW846 7470A
QC Limits: result < RL Run ID: MA25307 Units: ug/l

Time:			17:38		18:23	
Sample ID:			CCB4		CCB5	
Metal	RL	IDL	raw	final	raw	final
Mercury	0.20	.085	-0.11	<0.20	-0.11	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

11.4.1

11

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H21105W2.PRN Date Analyzed: 11/05/10 Methods: EPA 245.1, SW846 7470A
QC Limits: 95 to 105 % Recovery Run ID: MA25307 Units: ug/l

Time:		16:20	
Sample ID:	ICCV	ICCV1	
Metal	True	Results	% Rec
Mercury	2.5	2.5	100.0

(*) Outside of QC limits
(anr) Analyte not requested

11.4.2

11

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H21105W2.PRN Date Analyzed: 11/05/10 Methods: EPA 245.1, SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA25307 Units: ug/l

Time:		16:14			16:39			16:56	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	3.1	103.3	2.5	2.4	96.0	2.5	2.4	96.0

(*) Outside of QC limits
(anr) Analyte not requested

11.4.3 11

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H21105W2.PRN Date Analyzed: 11/05/10 Methods: EPA 245.1, SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA25307 Units: ug/l

Time:		17:36			18:21	
Sample ID:	CCV	CCV3		CCV	CCV4	
Metal	True	Results	% Rec	True	Results	% Rec
Mercury	2.5	2.4	96.0	2.5	2.3	92.0

(*) Outside of QC limits
(anr) Analyte not requested

11.4.3

11

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H21105W2.PRN Date Analyzed: 11/05/10 Methods: EPA 245.1, SW846 7470A
QC Limits: 50 to 150 % Recovery Run ID: MA25307 Units: ug/l

Time:			16:16		16:23		16:31		18:20	
Sample ID:	CRI	CRIA	CRI1		CRI2		CRI3		CRI4	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Mercury	0.20		0.18	90.0	0.20	100.0	0.21	105.0	0.21	105.0

(*) Outside of QC limits
(anr) Analyte not requested

11.4.4

11

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H11108S1.PRN Date Analyzed: 11/08/10 Methods: SW846 7471A
Analyst: JF Run ID: MA25311
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:39	MA25311-STD1	1		R=0.999902, B=1.70908e-4, C=-7.72208e-2.
10:40	MA25311-STD2	1		STD02REP1
10:41	MA25311-STD3	1		STD03REP1
10:43	MA25311-STD4	1		STD04REP1
10:44	MA25311-STD5	1		STD05REP1
10:45	MA25311-STD6	1		STD06REP1
11:07	MA25311-ICV1	1		
11:08	MA25311-ICB1	1		
11:09	MA25311-CCV1	1		
11:11	MA25311-CCB1	1		
11:12	MA25311-CRI1	1		
11:13	MP55511-MB2	1		
11:14	MP55511-LC2	1		
11:15	ZZZZZZ	1		
11:24	ZZZZZZ	1		
11:25	ZZZZZZ	1		
11:26	ZZZZZZ	1		
11:27	ZZZZZZ	1		
11:28	ZZZZZZ	1		
11:30	ZZZZZZ	1		
11:31	MA25311-CCV2	1		
11:32	MA25311-CCB2	1		
11:34	ZZZZZZ	1		
11:35	ZZZZZZ	1		
11:36	ZZZZZZ	1		
11:37	ZZZZZZ	1		
11:38	ZZZZZZ	1		
11:59	ZZZZZZ	2		
12:00	ZZZZZZ	2		
12:13	MP55530-MB1	1		
12:14	MP55530-LC1	1		
12:15	MP55530-S1	1		
12:16	MA25311-CCV3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H11108S1.PRN Date Analyzed: 11/08/10 Methods: SW846 7471A
Analyst: JF Run ID: MA25311
Parameters: Hg

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	12:17	MA25311-CCB3	1		
	12:19	MP55530-S2	1		
	12:20	JA58900-3	1		
	12:21	JA58900-2	1		
	12:22	JA58900-1	1		
	12:23	JA58900-4	1		
	12:25	JA58900-7	1		
	12:26	JA58900-8	1		
	12:27	JA58900-9	1		
	12:28	JA58900-10	1		
	12:29	JA58900-11	1		
	12:31	MA25311-CCV4	1		
	12:32	MA25311-CCB4	1		
	12:33	JA58900-12	1		
	12:34	JA58900-14	1		
---------->	Last reportable sample/prep for job JA58900				
	12:35	ZZZZZZ	1		
	12:36	ZZZZZZ	1		
	12:38	ZZZZZZ	1		
	12:39	ZZZZZZ	1		
	12:40	ZZZZZZ	1		
	12:52	ZZZZZZ	1		
	12:53	ZZZZZZ	1		
	12:54	MA25311-CCV5	1		
	12:55	MA25311-CCB5	1		
---------->	Last reportable CCB for job JA58900				
	12:57	ZZZZZZ	1		
	12:58	ZZZZZZ	1		
	12:59	MP55531-MB1	1		
	13:00	MP55531-LC1	1		
	13:01	MP55531-S1	1		
	13:03	MP55531-S2	1		
	13:04	JA58911-12	1		(sample used for QC only; not part of login JA58900)
	13:05	ZZZZZZ	1		
	13:06	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H11108S1.PRN Date Analyzed: 11/08/10 Methods: SW846 7471A
Analyst: JF Run ID: MA25311
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:07	ZZZZZZ	1		
13:09	MA25311-CCV6	1		
13:10	MA25311-CCB6	1		
13:11	ZZZZZZ	1		
13:12	ZZZZZZ	1		
13:14	ZZZZZZ	1		
13:15	ZZZZZZ	1		
13:17	ZZZZZZ	1		
13:18	ZZZZZZ	1		
13:19	ZZZZZZ	1		
13:20	ZZZZZZ	1		
13:22	ZZZZZZ	1		
13:23	ZZZZZZ	1		
13:24	MA25311-CCV7	1		
13:25	MA25311-CCB7	1		
13:26	ZZZZZZ	1		
13:28	ZZZZZZ	1		
13:29	ZZZZZZ	1		
13:31	ZZZZZZ	1		
13:32	ZZZZZZ	1		
13:33	ZZZZZZ	1		
13:34	MA25311-CCV8	1		
13:36	MA25311-CCB8	1		
13:44	ZZZZZZ	2		
13:45	ZZZZZZ	2		
13:46	ZZZZZZ	2		
13:47	MA25311-CCV9	1		
13:49	MA25311-CCB9	1		

Refer to raw data for calibration curve and standards.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H11108S1.PRN Date Analyzed: 11/08/10 Methods: SW846 7471A
QC Limits: result < RL Run ID: MA25311 Units: ug/l

Time:			11:08		11:11		11:32		12:17	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	0.20	.12	-0.014	<0.20	-0.033	<0.20	-0.032	<0.20	-0.026	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

11.5.1

11

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H11108S1.PRN Date Analyzed: 11/08/10 Methods: SW846 7471A
QC Limits: result < RL Run ID: MA25311 Units: ug/l

Time:			12:32		12:55	
Sample ID:			CCB4		CCB5	
Metal	RL	IDL	raw	final	raw	final
Mercury	0.20	.12	-0.032	<0.20	-0.024	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

11.5.1

11

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H11108S1.PRN Date Analyzed: 11/08/10 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA25311 Units: ug/l

Time:		11:07			11:09			11:31	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	3.1	103.3	2.5	2.5	100.0	2.5	2.4	96.0

(*) Outside of QC limits
(anr) Analyte not requested

11.5.2 11

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H11108S1.PRN Date Analyzed: 11/08/10 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA25311 Units: ug/l

Time:		12:16			12:31			12:54	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	2.5	2.5	100.0	2.5	2.5	100.0	2.5	2.6	104.0

(*) Outside of QC limits
(anr) Analyte not requested

11.5.2

11

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: H11108S1.PRN Date Analyzed: 11/08/10 Methods: SW846 7471A
QC Limits: 50 to 150 % Recovery Run ID: MA25311 Units: ug/l

Time:			11:12	
Sample ID:	CRI	CRIA	CRI1	
Metal	True	True	Results	% Rec
Mercury	0.20		0.20	100.0

(*) Outside of QC limits
(anr) Analyte not requested

11.5.3

11

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55431
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:				11/01/10		11/01/10	
Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Aluminum	200	2.5	7.8				
Antimony	6.0	1.2	2.2	-0.10	<6.0	-0.20	<6.0
Arsenic	3.0	1.2	1.4	0.0	<3.0	-0.10	<3.0
Barium	200	.2	.44	0.0	<200	0.0	<200
Beryllium	1.0	.2	.24	-0.10	<1.0	-0.10	<1.0
Boron	100	.8	2.2	-0.30	<100	-0.70	<100
Cadmium	3.0	.2	.35	0.0	<3.0	-0.10	<3.0
Calcium	5000	11	44				
Chromium	10	.3	.59	0.40	<10	-0.10	<10
Cobalt	50	.3	.65	-0.20	<50	-0.10	<50
Copper	10	.3	2.5	0.0	<10	-0.40	<10
Iron	100	2	18				
Lead	3.0	.9	1.9	-0.40	<3.0	0.0	<3.0
Magnesium	5000	13	15				
Manganese	15	.2	.46	0.0	<15	0.0	<15
Molybdenum	20	.7	2.7				
Nickel	10	.3	.51	0.10	<10	0.0	<10
Palladium	50	1.1	1.5				
Potassium	10000	15	75				
Selenium	10	1.6	1.9	0.20	<10	-1.5	<10
Silicon	200	5.2	6.1				
Silver	10	.3	.53	0.40	<10	0.30	<10
Sodium	10000	7.9	14				
Strontium	10	.1	.68				
Thallium	2.0	1.3	1.8	0.40	<2.0	0.80	<2.0
Tin	10	.3	1.1	0.10	<10	-0.50	<10
Titanium	10	.3	1.3				
Tungsten	50	11	23				
Vanadium	50	.2	.56	0.20	<50	0.0	<50
Zinc	20	2.8	1.4	1.0	<20	1.1	<20
Zirconium	10	.5	1.6				

Associated samples MP55431: JA58900-5, JA58900-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55431
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(anr) Analyte not requested

11.6.1

11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55431
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 11/01/10

Metal	JA59326-1 Original	MS	Spikelot MPIOW7	% Rec	QC Limits
Aluminum	anr				
Antimony	1.4	511	500	101.9	75-125
Arsenic	8.0	2020	2000	100.6	75-125
Barium	150	2030	2000	94.0	75-125
Beryllium	0.0	49.8	50	99.6	75-125
Boron	64.1	2110	2000	102.3	75-125
Cadmium	0.30	53.5	50	106.4	75-125
Calcium	anr				
Chromium	0.90	200	200	99.6	75-125
Cobalt	0.0	505	500	101.0	75-125
Copper	0.0	239	250	95.6	75-125
Iron	anr				
Lead	1.0	469	500	93.6	75-125
Magnesium	anr				
Manganese	216	729	500	102.6	75-125
Molybdenum					
Nickel	1.4	490	500	97.7	75-125
Palladium					
Potassium	anr				
Selenium	2.1	1710	2000	85.4	75-125
Silicon					
Silver	0.0	50.2	50	100.4	75-125
Sodium	anr				
Strontium					
Thallium	1.8	1900	2000	94.9	75-125
Tin	0.0	2020	2000	101.0	75-125
Titanium	anr				
Tungsten					
Vanadium	0.80	470	500	93.8	75-125
Zinc	3.6	492	500	97.7	75-125
Zirconium					

Associated samples MP55431: JA58900-5, JA58900-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55431
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

11.6.2

11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55431
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 11/01/10

Metal	JA59326-1 Original	MSD	Spikelot MPIOW7	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Antimony	1.4	507	500	101.1	0.8	20
Arsenic	8.0	2000	2000	99.6	1.0	20
Barium	150	2000	2000	92.5	1.5	20
Beryllium	0.0	49.6	50	99.2	0.4	20
Boron	64.1	2090	2000	101.3	1.0	20
Cadmium	0.30	53.0	50	105.4	0.9	20
Calcium	anr					
Chromium	0.90	193	200	96.1	3.6	20
Cobalt	0.0	499	500	99.8	1.2	20
Copper	0.0	230	250	92.0	3.8	20
Iron	anr					
Lead	1.0	464	500	92.6	1.1	20
Magnesium	anr					
Manganese	216	705	500	97.8	3.3	20
Molybdenum						
Nickel	1.4	485	500	96.7	1.0	20
Palladium						
Potassium	anr					
Selenium	2.1	1710	2000	85.4	0.0	20
Silicon						
Silver	0.0	48.2	50	96.4	4.1	20
Sodium	anr					
Strontium						
Thallium	1.8	1870	2000	93.4	1.6	20
Tin	0.0	2000	2000	100.0	1.0	20
Titanium	anr					
Tungsten						
Vanadium	0.80	455	500	90.8	3.2	20
Zinc	3.6	486	500	96.5	1.2	20
Zirconium						

Associated samples MP55431: JA58900-5, JA58900-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55431
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

11.6.2 11

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55431
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			11/01/10				11/01/10	
Metal	LCS Result	Spikelot MPLCW3	% Rec	QC Limits	BSP Result	Spikelot MPIOW7	% Rec	QC Limits
Aluminum	anr							
Antimony	499	500	99.8	80-120	478	500	95.6	80-120
Arsenic	504	500	100.8	80-120	1880	2000	94.0	80-120
Barium	506	500	101.2	80-120	1830	2000	91.5	80-120
Beryllium	513	500	102.6	80-120	46.0	50	92.0	80-120
Boron					1920	2000	96.0	80-120
Cadmium	499	500	99.8	80-120	50.5	50	101.0	80-120
Calcium	anr							
Chromium	455	500	91.0	80-120	187	200	93.5	80-120
Cobalt	521	500	104.2	80-120	482	500	96.4	80-120
Copper	497	500	99.4	80-120	220	250	88.0	80-120
Iron	anr							
Lead	481	500	96.2	80-120	453	500	90.6	80-120
Magnesium	anr							
Manganese	496	500	99.2	80-120	478	500	95.6	80-120
Molybdenum								
Nickel	496	500	99.2	80-120	467	500	93.4	80-120
Palladium								
Potassium	anr							
Selenium	493	500	98.6	80-120	1850	2000	92.5	80-120
Silicon								
Silver	183	200	91.5	80-120	46.3	50	92.6	80-120
Sodium	anr							
Strontium								
Thallium	484	500	96.8	80-120	1830	2000	91.5	80-120
Tin					1940	2000	97.0	80-120
Titanium	anr							
Tungsten								
Vanadium	463	500	92.6	80-120	436	500	87.2	80-120
Zinc	511	500	102.2	80-120	474	500	94.8	80-120
Zirconium								

Associated samples MP55431: JA58900-5, JA58900-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55431
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(anr) Analyte not requested

11.6.3 11

SERIAL DILUTION RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55431
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 11/01/10

Metal	JA59326-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	1.40	0.00	100.0(a)	0-10
Arsenic	8.00	7.90	1.3	0-10
Barium	150	150	0.5	0-10
Beryllium	0.00	0.00	NC	0-10
Boron	64.1	62.6	2.3	0-10
Cadmium	0.300	0.00	100.0(a)	0-10
Calcium	anr			
Chromium	0.900	0.00	100.0(a)	0-10
Cobalt	0.00	0.00	NC	0-10
Copper	0.00	0.00	NC	0-10
Iron	anr			
Lead	1.00	0.00	100.0(a)	0-10
Magnesium	anr			
Manganese	216	219	1.7	0-10
Molybdenum				
Nickel	1.40	0.00	100.0(a)	0-10
Palladium				
Potassium	anr			
Selenium	2.10	0.00	100.0(a)	0-10
Silicon				
Silver	0.00	1.90		0-10
Sodium	anr			
Strontium				
Thallium	1.80	0.00	100.0(a)	0-10
Tin	0.00	0.00	NC	0-10
Titanium	anr			
Tungsten				
Vanadium	0.800	1.10	37.5 (a)	0-10
Zinc	3.60	0.00	100.0(a)	0-10
Zirconium				

Associated samples MP55431: JA58900-5, JA58900-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SERIAL DILUTION RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55431
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

11.6.4

11

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55449
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 11/02/10

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	.82	1.5		
Antimony	2.0	.12	.35	-0.020	<2.0
Arsenic	2.0	.11	.21	0.080	<2.0
Barium	20	.01	.036	0.030	<20
Beryllium	0.20	.01	.017	-0.010	<0.20
Boron	10	.06	.2	-0.49	<10
Cadmium	0.50	.02	.022	0.020	<0.50
Calcium	500	.54	.68		
Chromium	1.0	.04	.059	0.0	<1.0
Cobalt	5.0	.01	.035	-0.010	<5.0
Copper	2.5	.05	.074	-0.020	<2.5
Iron	10	.17	1.8		
Lead	2.0	.07	.11	-0.020	<2.0
Magnesium	500	1	1.2		
Manganese	1.5	.02	.041	0.030	<1.5
Molybdenum	2.0	.06	.24		
Nickel	4.0	.03	.07	0.040	<4.0
Palladium	5.0	.11	.26		
Potassium	1000	3.1	1.8		
Selenium	2.0	.12	.32	0.050	<2.0
Silicon	20	.47	1.5		
Silver	0.50	.03	.054	0.020	<0.50
Sodium	1000	3.9	1.4		
Strontium	1.0	.01	.017		
Thallium	1.0	.08	.17	0.14	<1.0
Tin	5.0	.05	.38	0.78	<5.0
Titanium	1.0	.03	.1		
Tungsten	5.0	.55	1.1		
Vanadium	5.0	.03	.046	0.030	<5.0
Zinc	2.0	.13	.21	0.080	<2.0
Zirconium	2.0	.04	.61		

Associated samples MP55449: JA58900-1, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9, JA58900-10, JA58900-11, JA58900-12, JA58900-14

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55449
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:

Metal

(*) Outside of QC limits
(anr) Analyte not requested

11.7.1

11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55449
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 11/02/10

Metal	JA58900-3 Original	MS	Spikelot MPIOS4	% Rec	QC Limits
Aluminum					
Antimony	0.33	80.6	133	60.3N(a)	75-125
Arsenic	4.6	450	532	83.7	75-125
Barium	29.0	493	532	87.2	75-125
Beryllium	0.35	11.9	13.3	86.8	75-125
Boron	4.6	116	133	83.7	75-125
Cadmium	0.0	11.3	13.3	84.9	75-125
Calcium					
Chromium	8.9	55.1	53.2	86.8	75-125
Cobalt	7.4	122	133	86.1	75-125
Copper	14.5	71.0	66.5	84.9	75-125
Iron					
Lead	8.9	124	133	86.5	75-125
Magnesium					
Manganese	429	549	133	90.2	75-125
Molybdenum					
Nickel	14.4	131	133	87.7	75-125
Palladium					
Potassium					
Selenium	0.0	444	532	83.4	75-125
Silicon					
Silver	0.19	12.3	13.3	91.0	75-125
Sodium					
Strontium					
Thallium	0.60	448	532	84.1	75-125
Tin	2.1	112	133	82.6	75-125
Titanium	anr				
Tungsten					
Vanadium	10.5	122	133	83.8	75-125
Zinc	38.4	151	133	84.6	75-125
Zirconium					

Associated samples MP55449: JA58900-1, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9, JA58900-10, JA58900-11, JA58900-12, JA58900-14

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55449
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:

Metal

(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

11.7.2

11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55449
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 11/02/10

Metal	JA58900-3 Original	MSD	Spikelot MPIOS4	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony	0.33	81.3	135	59.8N(a)	0.9	20
Arsenic	4.6	456	542	83.3	1.3	20
Barium	29.0	501	542	87.1	1.6	20
Beryllium	0.35	12.0	13.5	86.0	0.8	20
Boron	4.6	118	135	83.7	1.7	20
Cadmium	0.0	11.5	13.5	84.9	1.8	20
Calcium						
Chromium	8.9	56.1	54.2	87.1	1.8	20
Cobalt	7.4	124	135	86.1	1.6	20
Copper	14.5	71.7	67.7	84.5	1.0	20
Iron						
Lead	8.9	126	135	86.5	1.6	20
Magnesium						
Manganese	429	529	135	73.8N(a)	3.7	20
Molybdenum						
Nickel	14.4	133	135	87.6	1.5	20
Palladium						
Potassium						
Selenium	0.0	450	542	83.1	1.3	20
Silicon						
Silver	0.19	12.6	13.5	91.6	2.4	20
Sodium						
Strontium						
Thallium	0.60	458	542	84.4	2.2	20
Tin	2.1	114	135	82.6	1.8	20
Titanium	anr					
Tungsten						
Vanadium	10.5	124	135	83.8	1.6	20
Zinc	38.4	153	135	84.6	1.3	20
Zirconium						

Associated samples MP55449: JA58900-1, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9, JA58900-10, JA58900-11, JA58900-12, JA58900-14

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55449
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:

Metal

(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

11.7.2 11

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55449
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 11/02/10

Metal	BSP Result	Spikelot MPIOS4	% Rec	QC Limits
Aluminum				
Antimony	91.7	100	91.7	80-120
Arsenic	358	400	89.5	80-120
Barium	372	400	93.0	80-120
Beryllium	9.3	10	93.0	80-120
Boron	91.5	100	91.5	80-120
Cadmium	9.1	10	91.0	80-120
Calcium				
Chromium	37.8	40	94.5	80-120
Cobalt	94.5	100	94.5	80-120
Copper	44.4	50	88.8	80-120
Iron				
Lead	91.0	100	91.0	80-120
Magnesium				
Manganese	96.4	100	96.4	80-120
Molybdenum				
Nickel	92.6	100	92.6	80-120
Palladium				
Potassium				
Selenium	358	400	89.5	80-120
Silicon				
Silver	9.7	10	97.0	80-120
Sodium				
Strontium				
Thallium	358	400	89.5	80-120
Tin	94.0	100	94.0	80-120
Titanium	anr			
Tungsten				
Vanadium	89.4	100	89.4	80-120
Zinc	93.6	100	93.6	80-120
Zirconium				

Associated samples MP55449: JA58900-1, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9, JA58900-10, JA58900-11, JA58900-12, JA58900-14

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55449
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:

Metal

(*) Outside of QC limits
(anr) Analyte not requested

11.7.3 11

SERIAL DILUTION RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55449
Matrix Type: SOLID

Methods: SW846 6010B
Units: ug/l

Prep Date: 11/02/10

Metal	JA58900-3 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony	2.50	0.00	100.0(a)	0-10
Arsenic	34.8	34.1	2.0	0-10
Barium	218	222	1.9	0-10
Beryllium	2.60	2.20	15.4 (a)	0-10
Boron	34.8	23.1	33.6*(b)	0-10
Cadmium	0.00	0.00	NC	0-10
Calcium				
Chromium	66.9	66.6	0.4	0-10
Cobalt	55.2	55.4	0.4	0-10
Copper	109	108	0.4	0-10
Iron				
Lead	67.0	64.1	4.3	0-10
Magnesium				
Manganese	3210	3290	2.4	0-10
Molybdenum				
Nickel	108	109	0.3	0-10
Palladium				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	1.40	0.00	100.0(a)	0-10
Sodium				
Strontium				
Thallium	4.50	4.50	0.0	0-10
Tin	15.4	16.6	7.8	0-10
Titanium	anr			
Tungsten				
Vanadium	78.7	81.9	4.1	0-10
Zinc	288	301	4.6	0-10
Zirconium				

Associated samples MP55449: JA58900-1, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9, JA58900-10, JA58900-11, JA58900-12, JA58900-14

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55449
Matrix Type: SOLID

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

11.7.4 11

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55517
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 11/05/10

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.20	.085	.088	-0.066	<0.20

Associated samples MP55517: JA58900-5, JA58900-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

11.8.1

11

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55517
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 11/05/10

Metal	LCS Result	Spikelot HGPW2	% Rec	QC Limits
Mercury	2.0	2	100.0	80-120

Associated samples MP55517: JA58900-5, JA58900-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

11.8.2 11

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55530 Methods: SW846 7471A
Matrix Type: SOLID Units: mg/kg

Prep Date: 11/07/10

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.019	.0098	0.00083	<0.033

Associated samples MP55530: JA58900-1, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9, JA58900-10, JA58900-11, JA58900-12, JA58900-14

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55530
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 11/07/10

Metal	JA58900-3 Original	MS	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.0	0.42	0.442	95.1	75-125

Associated samples MP55530: JA58900-1, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9, JA58900-10, JA58900-11, JA58900-12, JA58900-14

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

11.9.2 11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55530
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 11/07/10

Metal	JA58900-3 Original	MSD	Spikelot HGPWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.39	0.434	89.9	7.4	20

Associated samples MP55530: JA58900-1, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9, JA58900-10, JA58900-11, JA58900-12, JA58900-14

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

11.9.2 11

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

QC Batch ID: MP55530
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 11/07/10

Metal	LCS Result	Spikelot HGPWS1	% Rec	QC Limits
Mercury				

Associated samples MP55530: JA58900-1, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9, JA58900-10, JA58900-11, JA58900-12, JA58900-14

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

11.9.3 11

Instrument Detection Limits

Job Number: JA58900
Account: ENSRMAA AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

Instrument ID: LEEMANHG1 **Effective Date:** 03/16/10

Analyte	IDL ug/l
Mercury	.116

The above applies to the following instrument runs:
MA25311

11.10 11

Instrument Detection Limits

Job Number: JA58900
Account: ENSRMAA AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

Instrument ID: LEEMANHG2 **Effective Date:** 03/16/10

Analyte	IDL ug/l
Mercury	.085

The above applies to the following instrument runs:
MA25307

Instrument Detection Limits

Job Number: JA58900
Account: ENSRMAA AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

Instrument ID: SSTRACE1 **Effective Date:** 09/03/10

Analyte	IDL ug/l
Aluminum	2.5
Antimony	1.2
Arsenic	1.2
Barium	.2
Beryllium	.2
Boron	.8
Cadmium	.2
Calcium	10.9
Chromium	.3
Cobalt	.3
Copper	.3
Iron	2
Lead	.9
Magnesium	13
Manganese	.2
Molybdenum	.7
Nickel	.3
Palladium	1.1
Potassium	15
Selenium	1.6
Silicon	5.2
Silver	.3
Sodium	7.9
Strontium	.1
Thallium	1.3
Tin	.3
Titanium	.3
Tungsten	10.9
Vanadium	.2
Zinc	2.8
Zirconium	.5

The above applies to the following instrument runs:
MA25283

Instrument Detection Limits

Job Number: JA58900
Account: ENSRMAA AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

Instrument ID: SSTRACE2 **Effective Date:** 08/04/10

Analyte	IDL ug/l
Aluminum	8.2
Antimony	1.2
Arsenic	1.1
Barium	.1
Beryllium	.1
Boron	.6
Cadmium	.2
Calcium	5.4
Chromium	.4
Cobalt	.1
Copper	.5
Iron	1.7
Lead	.7
Magnesium	10.2
Manganese	.2
Molybdenum	.6
Nickel	.3
Palladium	1.1
Potassium	30.6
Selenium	1.2
Silicon	4.7
Silver	.3
Sodium	39.2
Strontium	.1
Thallium	.8
Tin	.5
Titanium	.3
Tungsten	5.5
Vanadium	.3
Zinc	1.3
Zirconium	.4

The above applies to the following instrument runs:
MA25281,MA25292

Instrument Linear Ranges

Job Number: JA58900
Account: ENSRMAA AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

Instrument ID: SSTRACE1 **Effective Date:** 09/03/10

Analyte	Linear Range ug/l
Aluminum	1000000
Antimony	50000
Arsenic	10000
Barium	50000
Beryllium	25000
Boron	50000
Cadmium	10000
Calcium	1000000
Chromium	50000
Cobalt	50000
Copper	50000
Iron	500000
Lead	50000
Magnesium	1000000
Manganese	10000
Molybdenum	50000
Nickel	50000
Palladium	50000
Potassium	1000000
Selenium	50000
Silicon	50000
Silver	2000
Sodium	1000000
Strontium	10000
Thallium	50000
Tin	50000
Titanium	50000
Tungsten	50000
Vanadium	50000
Zinc	50000
Zirconium	50000

The above applies to the following instrument runs:
MA25283

Instrument Linear Ranges

Job Number: JA58900
Account: ENSRMAA AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

Instrument ID: SSTRACE2 **Effective Date:** 08/04/10

Analyte	Linear Range ug/l
Aluminum	1000000
Antimony	25000
Arsenic	10000
Barium	25000
Beryllium	50000
Boron	50000
Cadmium	10000
Calcium	1000000
Chromium	50000
Cobalt	10000
Copper	50000
Iron	500000
Lead	50000
Magnesium	1000000
Manganese	10000
Molybdenum	50000
Nickel	50000
Palladium	25000
Potassium	1000000
Selenium	25000
Silicon	50000
Silver	2000
Sodium	1000000
Strontium	25000
Thallium	50000
Tin	50000
Titanium	25000
Tungsten	10000
Vanadium	50000
Zinc	50000
Zirconium	25000

The above applies to the following instrument runs:
MA25281,MA25292

New Jersey
ACCUTEST
LABORATORIES

Metals Analysis

Raw Data

Zoom In ▶ Zoom Out

Sample Name: StdA Acquired: 11/2/2010 9:39:57 Type: Cal
Method: Accutest1(v175) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0050	.0079	.0002	.0000	.0001	.0012	.0000	-.0003	-.0001
Stddev	.0002	.0001	.0000	.000	.0000	.0000	.0000	.0000	.0000
%RSD	3.057	1.031	1.283	318.6	9.512	.5480	248.2	5.607	18.17
#1	.0051	.0080	.0002	-.0001	.0001	.0012	.0000	-.0003	-.0001
#2	.0049	.0078	.0002	.0000	.0001	.0012	.0000	-.0003	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0001	-.0002	.0000	-.0001	.0004	.0001	-.0003	.0086
Stddev	.000	.0000	.0000	.0000	.0000	.0001	.0001	.0001	.0001
%RSD	15.86	9.464	17.56	437.8	31.34	15.84	95.41	43.56	1.543
#1	.0000	.0001	-.0002	.0000	-.0001	.0004	.0001	-.0002	.0085
#2	.0000	.0002	-.0002	.0000	-.0001	.0005	.0000	-.0003	.0087

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0000	.0024	.0029	.0172	.0291	-.0001	.0040	-.0001
Stddev	.0000	.0000	.0005	.0003	.0001	.0001	.0000	.0001	.0001
%RSD	23.51	155.7	19.15	9.282	.6093	.2351	8.942	1.443	44.96
#1	.0000	.0000	.0028	.0031	.0172	.0291	-.0001	.0040	-.0001
#2	.0000	.0000	.0021	.0027	.0171	.0290	-.0001	.0041	-.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004	-.0002	.0044	-.0001
Stddev	.0001	.0001	.0001	.0000
%RSD	18.00	23.95	1.722	23.82
#1	.0005	-.0003	.0044	-.0001
#2	.0004	-.0002	.0043	-.0001

◀ Zoom In ▶ Zoom Out

Sample Name: StdA Acquired: 11/2/2010 9:39:57 Type: Cal
Method: Accutest1(v175) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71456.	17285.	2167.5	6120.2
Stddev	311.	15.	4.7	12.0
%RSD	.43591	.08755	.21589	.19527
#1	71236.	17295.	2170.8	6128.7
#2	71677.	17274.	2164.2	6111.8

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 11/2/2010 9:46:01 Type: Cal
Method: Accutest1(v175) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.921	2.688	.9689	1.166	.0860	.2227	.4312	.2884	.0162	.1278
Stddev	.010	.005	.0009	.001	.0002	.0003	.0015	.0001	.0000	.0004
%RSD	.3520	.2010	.0957	.0658	.2601	.1539	.3424	.0412	.1403	.2908
#1	2.929	2.684	.9696	1.165	.0862	.2225	.4322	.2883	.0162	.1281
#2	2.914	2.692	.9682	1.167	.0858	.2229	.4301	.2885	.0162	.1276

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.014	.1791	.0324	.1519	.1389	.2684	.8301	1.439	.7750	.1055
Stddev	.001	.0000	.0001	.0001	.0005	.0006	.0005	.008	.0020	.0005
%RSD	.0813	.0147	.2302	.0369	.3506	.2378	.0556	.5822	.2552	.4739
#1	1.013	.1790	.0323	.1520	.1385	.2680	.8304	1.433	.7736	.1051
#2	1.014	.1791	.0324	.1519	.1392	.2689	.8297	1.445	.7764	.1058

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.6466	2.370	.3432	.8897	.0482	.6055	.2027	4.077	.1554	.5190
Stddev	.0011	.007	.0003	.0008	.0000	.0003	.0002	.009	.0002	.0015
%RSD	.1663	.2845	.0921	.0876	.1012	.0532	.0803	.2149	.1145	.2862
#1	.6458	2.374	.3430	.8891	.0482	.6057	.2029	4.083	.1553	.5180
#2	.6474	2.365	.3434	.8902	.0483	.6053	.2026	4.071	.1555	.5201

Elem	Zr3391
Units	Cts/S
Avg	.3236
Stddev	.0008
%RSD	.2474
#1	.3241
#2	.3230

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 11/2/2010 9:46:01 Type: Cal
Method: Accutest1(v175) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	69962.	17447.	2113.9	5793.6
Stddev	256.	32.	.0	3.6
%RSD	.36556	.18310	.00152	.06295
#1	70143.	17470.	2113.9	5796.2
#2	69781.	17425.	2113.8	5791.0

Zoom In Zoom Out

Sample Name: STDC Acquired: 11/2/2010 9:51:49 Type: Cal
Method: Accutest1(v175) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.57	10.56	3.882	4.498	.3343	.9341	1.670	1.148	.0663	.5058
Stddev	.04	.00	.012	.002	.0003	.0023	.003	.002	.0003	.0014
%RSD	.3151	.0298	.2960	.0341	.1002	.2502	.1512	.1388	.4352	.2809
#1	11.60	10.55	3.890	4.497	.3345	.9324	1.669	1.150	.0665	.5048
#2	11.55	10.56	3.874	4.499	.3341	.9357	1.672	1.147	.0661	.5068

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.905	.7212	.1259	.6043	.5606	1.085	3.406	5.656	3.026	.4275
Stddev	.004	.0019	.0003	.0002	.0013	.000	.002	.015	.002	.0004
%RSD	.0989	.2643	.2115	.0312	.2327	.0049	.0543	.2597	.0620	.0916
#1	3.903	.7198	.1261	.6045	.5597	1.085	3.405	5.646	3.027	.4272
#2	3.908	.7225	.1257	.6042	.5615	1.085	3.408	5.667	3.025	.4278

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.622	9.524	1.307	3.440	.2003	2.432	.7849	15.89	.6178	2.038
Stddev	.001	.020	.002	.001	.0001	.003	.0008	.24	.0020	.013
%RSD	.0325	.2104	.1213	.0344	.0581	.1225	.1029	1.506	.3184	.6453
#1	2.621	9.538	1.306	3.441	.2004	2.434	.7854	15.72	.6192	2.029
#2	2.622	9.509	1.309	3.439	.2002	2.430	.7843	16.06	.6164	2.047

Elem	Zr3391
Units	Cts/S
Avg	1.297
Stddev	.004
%RSD	.3427
#1	1.294
#2	1.300

Zoom In Zoom Out

Sample Name: STDC Acquired: 11/2/2010 9:51:49 Type: Cal
Method: Accutest1(v175) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	67160.	17168.	1996.0	5263.3
Stddev	35.	32.	2.8	4.9
%RSD	.05247	.18907	.13882	.09331
#1	67135.	17190.	1998.0	5266.7
#2	67185.	17145.	1994.1	5259.8

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 9:57:49 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.985	2.005	1.995	2.019	2.012	1.948	2.026	1.989	.2459	2.022
Stddev	.000	.005	.006	.004	.001	.015	.004	.003	.0004	.002
%RSD	.0167	.2556	.2917	.1908	.0675	.7748	.1750	.1554	.1438	.1146
#1	1.985	2.002	1.991	2.016	2.013	1.958	2.023	1.987	.2457	2.021
#2	1.986	2.009	1.999	2.021	2.011	1.937	2.028	1.991	.2462	2.024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.020	1.991	2.021	1.989	1.995	1.983	38.91	39.52	39.74	39.08
Stddev	.005	.002	.004	.005	.007	.002	.12	.18	.04	.14
%RSD	.2669	.0989	.2156	.2568	.3419	.1144	.2961	.4476	.1009	.3546
#1	2.017	1.989	2.018	1.986	1.990	1.982	38.82	39.40	39.71	38.99
#2	2.024	1.992	2.024	1.993	2.000	1.985	38.99	39.65	39.77	39.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.19	39.35	2.011	2.016	1.962	4.966	2.027	2.023	1.987	1.991
Stddev	.14	.09	.003	.005	.006	.007	.009	.000	.008	.012
%RSD	.3617	.2278	.1615	.2628	.2953	.1455	.4620	.0114	.3832	.5830
#1	39.09	39.29	2.009	2.012	1.967	4.961	2.020	2.022	1.993	1.983
#2	39.29	39.42	2.013	2.019	1.958	4.971	2.033	2.023	1.982	1.999
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 9:57:49 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.995
Stddev	.005
%RSD	.2338
#1	1.992
#2	1.998
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68392.	17287.	2050.5	5550.0
Stddev	609.	51.	2.5	2.8
%RSD	.89051	.29475	.12214	.05097
#1	67961.	17323.	2052.3	5552.0
#2	68822.	17251.	2048.8	5548.0

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 10:03:37 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0002	.0005	.0001	.0002	-.0002	.0004	.0004	.0000
Stddev	.0001	.0000	.0003	.0002	.0001	.0000	.0001	.0000	.0001
%RSD	29.59	22.24	58.03	224.9	68.54	15.68	17.98	3.153	442.1
#1	.0002	.0002	.0007	.0003	.0002	-.0002	.0004	.0004	.0001
#2	.0003	.0003	.0003	-.0001	.0001	-.0003	.0005	.0004	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0007	.0017	.0016	-.0001	.0006	.0009	.0088	.0033
Stddev	.0000	.0002	.0003	.0002	.0005	.0000	.0005	.0044	.0024
%RSD	4.314	26.38	19.75	15.50	528.8	8.369	51.07	50.54	71.75
#1	.0010	.0009	.0015	.0017	-.0004	.0006	.0012	.0056	.0016
#2	.0010	.0006	.0020	.0014	.0002	.0005	.0006	.0119	.0050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056	-.0060	.0444	-.0158	-.0004	F.0031	.0012	.0025	.0012
Stddev	.0034	.0040	.0015	.0074	.0005	.0005	.0002	.0002	.0002
%RSD	61.66	67.22	3.490	46.88	117.2	14.83	15.82	9.039	15.04
#1	.0031	-.0032	.0455	-.0210	-.0001	.0034	.0014	.0026	.0013
#2	.0080	-.0089	.0433	-.0106	-.0008	.0027	.0011	.0023	.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0020			
Low Limit						-.0020			

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 10:03:37 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0002	.0006	F.0330	F.0018
Stddev	.0001	.0001	.0026	.0001
%RSD	30.09	17.92	7.841	4.034
#1	.0002	.0005	.0348	.0018
#2	.0003	.0006	.0311	.0019
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
High Limit			.0165	.0012
Low Limit			-.0165	-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	70833.	17500.	2144.1	6060.4
Stddev	201.	40.	3.5	9.6
%RSD	.28398	.23100	.16501	.15793
#1	70975.	17529.	2141.6	6053.6
#2	70691.	17472.	2146.6	6067.1

Zoom In Zoom Out

Sample Name: crib Acquired: 11/2/2010 10:09:42 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1978	.0022	.0030	.0508	.0101	.0092	.0160	.0110	.0049
Stddev	.0000	.0000	.0001	.0001	.0002	.0001	.0000	.0003	.0000
%RSD	.0231	.2375	2.618	.2276	2.113	.5918	.2145	2.840	.8318
#1	.1979	.0022	.0031	.0509	.0099	.0091	.0160	.0108	.0050
#2	.1978	.0022	.0030	.0508	.0102	.0092	.0160	.0112	.0049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0485	.0219	.0078	.0112	.0028	.0099	.0066	.1940	5.107
Stddev	.0005	.0000	.0006	.0009	.0004	.0009	.0003	.0004	.011
%RSD	1.048	.0662	7.639	8.287	12.54	9.226	4.776	.1897	.2055
#1	.0482	.0219	.0074	.0118	.0026	.0105	.0069	.1937	5.114
#2	.0489	.0219	.0083	.0105	.0031	.0092	.0064	.1943	5.099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1078	4.834	9.784	9.986	.0993	.0225	.0533	.1955	.0110
Stddev	.0012	.021	.010	.024	.0002	.0001	.0009	.0003	.0004
%RSD	1.133	.4348	.1035	.2438	.2270	.6412	1.629	.1398	3.726
#1	.1087	4.849	9.791	10.00	.0995	.0226	.0527	.1953	.0113
#2	.1070	4.819	9.777	9.969	.0991	.0224	.0539	.1957	.0107
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: crib Acquired: 11/2/2010 10:09:42 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0105	.0103	F.0722	F.0044
Stddev	.0000	.0001	.0002	.0001
%RSD	.3502	.7871	.3182	2.869
#1	.0106	.0102	.0724	.0045
#2	.0105	.0103	.0721	.0043
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value			.0500	.0100
Range			30.00%	-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71130.	17567.	2143.4	5976.2
Stddev	186.	35.	4.0	5.4
%RSD	.26172	.19739	.18674	.08984
#1	70998.	17543.	2140.6	5972.4
#2	71261.	17592.	2146.2	5980.0

Zoom In Zoom Out

Sample Name: crid Acquired: 11/2/2010 10:15:41 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040	.0010	.0011	.0024	F.0014	.0015	.0033	.0046	.0011
Stddev	.0001	.0000	.0000	.0001	.0000	.0002	.0001	.0001	.0003
%RSD	1.602	.3316	.6485	3.326	2.180	15.73	2.162	2.228	28.82
#1	.0040	.0010	.0011	.0024	.0014	.0016	.0032	.0046	.0009
#2	.0040	.0010	.0011	.0023	.0014	.0013	.0033	.0045	.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					.0020				
Range					-30.00%				

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026	.0108	.0034	.0023	.0020	.0060	.0030	.0997	.9762
Stddev	.0001	.0000	.0002	.0003	.0001	.0005	.0003	.0047	.0036
%RSD	3.922	.0907	6.184	13.25	3.933	8.553	9.896	4.709	.3720
#1	.0027	.0108	.0036	.0021	.0021	.0056	.0032	.0964	.9787
#2	.0025	.0108	.0033	.0025	.0020	.0063	.0028	.1030	.9736
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028	.1053	1.969	.9801	.0079	.0007	.0014	.0009	.0006
Stddev	.0011	.0082	.013	.0007	.0001	.0000	.0010	.0001	.0005
%RSD	38.97	7.748	.6765	.0695	.8775	.2332	73.39	10.61	93.15
#1	.0036	.1111	1.959	.9796	.0080	.0007	.0007	.0008	.0009
#2	.0020	.0995	1.978	.9806	.0079	.0007	.0022	.0010	.0002
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: crid Acquired: 11/2/2010 10:15:41 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0002	F.0124	F.0003
Stddev	.000	.0003	.0000	.0000
%RSD	53.57	141.2	.2892	7.820
#1	.0000	.0000	.0124	.0003
#2	.0000	.0004	.0125	.0003
Check ?	None	None	Chk Fail	Chk Fail
Value			.0040	.0040
Range			30.00%	-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71952.	17608.	2141.4	6050.7
Stddev	339.	63.	1.1	1.2
%RSD	.47145	.35506	.05116	.01939
#1	72191.	17652.	2140.6	6049.8
#2	71712.	17564.	2142.1	6051.5

Zoom In Zoom Out

Sample Name: icv Acquired: 11/2/2010 10:22:52 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9974	.9856	.9821	1.007	.9961	.9859	1.020	.9861	.5049
Stddev	.0023	.0018	.0028	.001	.0013	.0025	.001	.0006	.0002
%RSD	.2354	.1854	.2858	.0461	.1260	.2527	.0537	.0575	.0468
#1	.9985	.9865	.9791	1.007	.9974	.9857	1.020	.9855	.5046
#2	.9990	.9867	.9826	1.008	.9949	.9885	1.019	.9866	.5051
#3	.9947	.9835	.9846	1.007	.9962	.9835	1.020	.9862	.5050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.9496	1.009	.9662	.9979	.9814	.9633	.9667	4.815	5.023
Stddev	.0012	.001	.0013	.0037	.0010	.0039	.0012	.021	.021
%RSD	.1272	.0567	.1362	.3662	.1013	.4095	.1204	.4306	.4210
#1	.9486	1.009	.9666	.9939	.9816	.9628	.9654	4.819	5.044
#2	.9493	1.010	.9648	1.001	.9823	.9596	.9673	4.834	5.025
#3	.9509	1.009	.9673	.9987	.9804	.9674	.9675	4.793	5.001
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	1.000								
Range	-5.000%								

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.048	4.980	9.837	9.981	.9866	.9934	F.9463	F1.093	.9895
Stddev	.020	.003	.030	.021	.0018	.0033	.0003	.006	.0019
%RSD	.3914	.0571	.3012	.2059	.1806	.3347	.0274	.5218	.1911
#1	5.068	4.981	9.817	9.976	.9851	.9898	.9465	1.087	.9875
#2	5.045	4.977	9.871	10.00	.9863	.9941	.9460	1.094	.9899
#3	5.029	4.983	9.823	9.964	.9886	.9964	.9465	1.098	.9912
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass
Value							1.000	1.000	
Range							-5.000%	5.000%	

Zoom In Zoom Out

Sample Name: icv Acquired: 11/2/2010 10:22:52 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.013	.9652	1.029	.9942
Stddev	.002	.0015	.005	.0017
%RSD	.1439	.1568	.4580	.1747
#1	1.013	.9658	1.024	.9924
#2	1.014	.9635	1.030	.9942
#3	1.011	.9664	1.033	.9959
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	70890.	17497.	2125.3	5924.7
Stddev	104.	63.	4.1	8.2
%RSD	.14723	.35937	.19267	.13854
#1	70776.	17448.	2125.4	5918.5
#2	70913.	17475.	2129.3	5934.0
#3	70981.	17568.	2121.1	5921.5

Zoom In Zoom Out

Sample Name: icb Acquired: 11/2/2010 10:30:31 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0002	.0002	.0001	-.0002	-.0002	.0003	.0003	.0003
Stddev	.0001	.0001	.0003	.0001	.0002	.0003	.0001	.0001	.0001
%RSD	21.59	27.46	110.9	72.96	81.61	173.2	20.70	50.04	29.34
#1	.0003	.0002	.0004	.0001	-.0001	-.0004	.0003	.0004	.0002
#2	.0004	.0003	.0000	.0000	-.0003	.0000	.0003	.0002	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0001	.0003	.0016	-.0003	.0002	.0004	.0033	-.0011
Stddev	.0002	.0002	.0004	.0005	.0005	.0005	.0000	.0024	.0001
%RSD	39.19	134.3	130.5	27.86	169.4	247.1	9.256	71.74	8.750
#1	.0006	.0003	.0000	.0019	-.0007	-.0002	.0004	.0050	-.0012
#2	.0004	.0000	.0006	.0013	.0001	.0006	.0004	.0016	-.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	-.0066	.0133	-.0226	-.0019	.0017	.0008	.0015	.0008
Stddev	.0013	.0031	.0022	.0042	.0001	.0002	.0003	.0006	.0004
%RSD	85.45	47.39	16.85	18.74	5.958	11.87	33.44	38.00	45.33
#1	.0025	-.0089	.0117	-.0256	-.0018	.0018	.0009	.0011	.0011
#2	.0006	-.0044	.0149	-.0196	-.0020	.0016	.0006	.0019	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: icb Acquired: 11/2/2010 10:30:31 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0002	.0004	F.0236	F.0017
Stddev	.0001	.0000	.0012	.0002
%RSD	28.62	2.322	5.043	9.560
#1	.0002	.0005	.0244	.0016
#2	.0002	.0004	.0227	.0018
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
High Limit			.0165	.0012
Low Limit			-.0165	-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71568.	17539.	2144.2	6040.5
Stddev	170.	96.	.9	6.1
%RSD	.23752	.54497	.04241	.10071
#1	71448.	17607.	2143.6	6036.2
#2	71688.	17472.	2144.9	6044.8

Zoom In Zoom Out

Sample Name: iccv Acquired: 11/2/2010 10:34:55 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.996	1.999	1.998	2.021	2.005	1.940	2.038	2.001	.2471	2.034
Stddev	.005	.004	.007	.003	.006	.010	.007	.007	.0010	.007
%RSD	.2543	.2235	.3302	.1238	.3175	.5250	.3350	.3387	.3880	.3667
#1	1.996	2.002	2.000	2.020	2.009	1.940	2.043	2.006	.2472	2.040
#2	1.992	2.003	2.003	2.023	2.010	1.938	2.039	2.006	.2473	2.035
#3	1.993	1.993	2.002	2.024	1.996	1.929	2.028	1.997	.2459	2.024
#4	2.003	1.999	1.989	2.019	2.004	1.954	2.041	1.993	.2482	2.038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.025	1.986	2.029	1.999	1.995	1.985	38.65	39.41	39.90	39.17
Stddev	.004	.003	.011	.003	.003	.004	.06	.22	.17	.21
%RSD	.1769	.1313	.5601	.1565	.1346	.1974	.1611	.5546	.4177	.5268
#1	2.028	1.983	2.028	2.001	1.994	1.982	38.66	39.53	40.01	39.27
#2	2.028	1.987	2.041	2.001	1.994	1.986	38.58	39.65	40.07	39.40
#3	2.020	1.989	2.035	1.995	1.998	1.991	38.64	39.25	39.71	38.94
#4	2.023	1.984	2.014	1.997	1.992	1.983	38.73	39.20	39.81	39.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: iccv Acquired: 11/2/2010 10:34:55 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.87	39.47	2.004	2.016	1.970	4.960	2.031	2.031	1.969	2.001
Stddev	.08	.09	.004	.007	.008	.022	.005	.004	.006	.013
%RSD	.2098	.2262	.2264	.3647	.4113	.4441	.2654	.2163	.3055	.6370
#1	38.86	39.49	1.998	2.016	1.969	4.954	2.032	2.031	1.972	1.985
#2	38.81	39.39	2.006	2.023	1.966	4.975	2.036	2.029	1.975	1.998
#3	38.81	39.41	2.009	2.018	1.962	4.979	2.031	2.027	1.963	2.009
#4	38.98	39.59	2.004	2.006	1.981	4.931	2.023	2.037	1.965	2.014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zr3391
Units	ppm
Avg	2.007
Stddev	.005
%RSD	.2754
#1	2.012
#2	2.005
#3	2.001
#4	2.012
Check ?	Chk Pass
Value	
Range	

Inst QC: MA25281

Zoom In / Zoom Out

Sample Name: iccv Acquired: 11/2/2010 10:34:55 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68519.	17392.	2057.5	5550.2
Stddev	161.	59.	5.6	8.0
%RSD	.23511	.33682	.27459	.14498
#1	68566.	17384.	2063.5	5557.6
#2	68602.	17315.	2057.8	5555.1
#3	68627.	17452.	2049.9	5539.5
#4	68280.	17419.	2058.8	5548.6

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/2/2010 10:43:36 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0001	.0003	.0001	.0000	-.0001	.0003	.0002	.0002
Stddev	.0000	.0001	.0001	.0002	.0002	.0002	.0000	.0001	.0001
%RSD	33.82	44.32	21.53	397.0	625.8	159.4	8.030	30.84	52.66
#1	.0001	.0001	.0003	.0002	-.0001	-.0003	.0003	.0002	.0001
#2	.0002	.0002	.0003	-.0001	.0002	.0000	.0003	.0003	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0002	.0018	.0015	.0005	.0013	.0004	.0021	.0022
Stddev	.0003	.0000	.0004	.0004	.0000	.0005	.0003	.0027	.0015
%RSD	25.65	10.40	22.13	24.41	3.489	36.46	94.81	131.7	66.04
#1	.0013	.0002	.0015	.0018	.0005	.0010	.0001	.0040	.0012
#2	.0009	.0003	.0021	.0013	.0005	.0017	.0006	.0001	.0032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029	-.0148	.0335	-.0183	-.0012	F.0033	.0006	.0027	.0007
Stddev	.0004	.0112	.0006	.0008	.0002	.0007	.0009	.0009	.0003
%RSD	15.16	75.65	1.766	4.419	18.98	20.38	148.7	35.04	51.90
#1	.0025	-.0069	.0339	-.0177	-.0011	.0037	.0000	.0033	.0009
#2	.0032	-.0227	.0331	-.0189	-.0014	.0028	.0013	.0020	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0020			
Low Limit						-.0020			

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/2/2010 10:43:36 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0001	.0006	F.0389	F.0021
Stddev	.0001	.0002	.0037	.0001
%RSD	68.39	31.49	9.618	2.431
#1	.0000	.0008	.0416	.0021
#2	.0001	.0005	.0363	.0021
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
High Limit			.0165	.0012
Low Limit			-.0165	-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71449.	17484.	2140.6	6027.9
Stddev	45.	83.	1.9	2.3
%RSD	.06255	.47401	.08724	.03811
#1	71417.	17542.	2139.3	6029.5
#2	71480.	17425.	2141.9	6026.3

Zoom In / Zoom Out

Sample Name: mp-013-308-spconf Acquired: 11/2/2010 10:49:32 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	4.122	.1038	.1010	1.067	.4202	.4778	1.072	1.040	.0989	.9896
Stddev	.004	.0000	.0004	.002	.0007	.0011	.003	.002	.0000	.0016
%RSD	.0916	.0461	.4158	.1727	.1620	.2308	.2468	.1698	.0326	.1646
#1	4.125	.1038	.1007	1.065	.4207	.4786	1.074	1.039	.0989	.9907
#2	4.120	.1039	.1013	1.068	.4197	.4770	1.070	1.042	.0989	.9884

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.064	3.853	4.036	.9944	3.871	.9815	3.999	-.0002	2.166	-.0076
Stddev	.001	.010	.004	.0001	.012	.0001	.002	.0002	.002	.0151
%RSD	.1049	.2575	.0917	.0116	.3198	.0145	.0502	104.1	.0691	200.2
#1	1.063	3.846	4.034	.9944	3.862	.9814	4.001	.0000	2.167	.0031
#2	1.065	3.860	4.039	.9943	3.880	.9816	3.998	-.0003	2.165	-.0183

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0122	-.0276	-.0004	.0028	.0114	-.0034	.0004	.0000	.0004	.0276
Stddev	.0089	.0021	.0000	.0000	.0006	.0004	.0004	.0000	.0001	.0012
%RSD	72.70	7.544	3.629	.7424	5.483	13.11	99.59	215.4	19.00	4.441
#1	.0185	-.0291	-.0004	.0028	.0109	-.0037	.0006	.0000	.0004	.0285
#2	.0059	-.0261	-.0004	.0028	.0118	-.0031	.0001	.0000	.0005	.0268

Elem	Zr3391
Avg	.0137
Stddev	.0006
%RSD	4.193
#1	.0141
#2	.0133

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71574.	17702.	2144.2	5999.8
Stddev	17.	18.	6.4	3.4
%RSD	.02313	.09932	.29999	.05741
#1	71586.	17714.	2148.8	6002.3
#2	71562.	17689.	2139.7	5997.4

Zoom In / Zoom Out

Sample Name: icsa Acquired: 11/2/2010 10:55:24 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0052	.0010	-.0014	-.0007	.0012	.0021	-.0046	.0044	.0033	.0335
Stddev	.0000	.0000	.0001	.0001	.0001	.0004	.0000	.0004	.0006	.0000
%RSD	.0365	.8970	6.999	10.87	8.781	17.81	.7363	10.04	17.20	.0221
#1	-.0052	.0010	-.0015	-.0008	.0011	.0023	-.0046	.0047	.0029	.0335
#2	-.0052	.0010	-.0014	-.0007	.0013	.0018	-.0046	.0041	.0037	.0335
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0019	-.0013	-.0019	.0045	-.0003	.0010	491.4	369.5	188.8	510.3
Stddev	.0001	.0017	.0012	.0013	.0024	.0010	7.5	3.8	.5	1.6
%RSD	3.411	131.2	61.88	29.93	779.6	95.46	1.521	1.030	.2576	.3106
#1	-.0019	-.0025	-.0011	.0035	-.0020	.0017	486.1	366.8	188.4	509.2
#2	-.0018	-.0001	-.0028	.0054	.0014	.0003	496.7	372.2	189.1	511.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479	.0232	.0737	-.0131	-.0124	-.0431	-.0044	-.0042	.0047	.0289
Stddev	.0069	.0034	.0024	.0025	.0006	.0002	.0013	.0001	.0002	.0005
%RSD	14.47	14.80	3.278	19.12	4.975	.3742	28.90	3.513	4.854	1.700
#1	.0430	.0208	.0754	-.0113	-.0119	-.0432	-.0035	-.0041	.0048	.0285
#2	.0528	.0256	.0720	-.0148	-.0128	-.0430	-.0053	-.0043	.0045	.0292
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Zoom In / Zoom Out

Sample Name: icsa Acquired: 11/2/2010 10:55:24 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	-.0018
Stddev	.0001
%RSD	4.764
#1	-.0017
#2	-.0018
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	62409.	16607.	1841.2	4732.1
Stddev	230.	83.	6.4	7.9
%RSD	.36868	.49832	.34834	.16699
#1	62572.	16665.	1845.7	4737.7
#2	62246.	16548.	1836.6	4726.6

Zoom In / Zoom Out

Sample Name: ICSAB Acquired: 11/2/2010 11:01:30 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5148	.4882	1.072	.4819	.5045	.5249	.5058	1.014	1.120	.5186
Stddev	.0002	.0000	.003	.0044	.0013	.0011	.0005	.000	.000	.0000
%RSD	.0388	.0051	.3037	.9225	.2639	.2084	.1078	.0152	.0327	.0015
#1	.5147	.4881	1.074	.4850	.5035	.5257	.5054	1.014	1.120	.5186
#2	.5150	.4882	1.070	.4787	.5054	.5241	.5062	1.014	1.120	.5186
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9442	1.051	1.002	1.008	1.029	1.066	498.1	373.4	190.7	509.8
Stddev	.0000	.002	.006	.003	.000	.000	4.0	2.3	.3	.9
%RSD	.0040	.2169	.5990	.3195	.0165	.0236	.8071	.6266	.1402	.1774
#1	.9443	1.052	.9979	1.006	1.029	1.066	495.3	371.7	190.5	509.2
#2	.9442	1.049	1.006	1.011	1.030	1.066	501.0	375.0	190.9	510.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0369	.0357	.0757	.4985	.5625	-.0329	-.0038	-.0042	.0048	.5395
Stddev	.0069	.0005	.0021	.0017	.0008	.0011	.0003	.0001	.0004	.0008
%RSD	18.74	1.324	2.746	.3496	.1390	3.368	7.330	2.197	8.942	.1500
#1	.0320	.0354	.0772	.4997	.5630	-.0321	-.0036	-.0041	.0045	.5401
#2	.0418	.0360	.0743	.4972	.5619	-.0337	-.0040	-.0042	.0051	.5389
Check ?	None	None	None	Chk Pass	Chk Pass	None	None	None	None	Chk Pass
Value										
Range										

Zoom In / Zoom Out

Sample Name: ICSAB Acquired: 11/2/2010 11:01:30 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	.4642
Stddev	.0058
%RSD	1.248
#1	.4601
#2	.4683
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	61957.	16625.	1833.5	4709.3
Stddev	43.	2.	3.3	4.4
%RSD	.06963	.01364	.17924	.09384
#1	61987.	16623.	1831.2	4706.1
#2	61926.	16627.	1835.9	4712.4

Zoom In Zoom Out

Sample Name: cal4b-1000ppmconf Acquired: 11/2/2010 11:07:31 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 100.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	939.5	924.4	921.0	992.4	957.8	913.5	933.5	940.7	.4483	-2.944
Stddev	6.9	4.0	.2	.4	2.8	3.4	15.0	.6	.0162	.008
%RSD	.7375	.4376	.0261	.0377	.2909	.3724	1.610	.0654	3.615	.2656
#1	934.6	927.3	921.2	992.6	955.8	915.9	922.8	941.1	.4598	-2.938
#2	944.4	921.6	920.8	992.1	959.8	911.1	944.1	940.2	.4369	-2.949

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	984.3	934.4	978.6	965.1	956.5	939.0	6.469	11.04	10.52	8.018
Stddev	1.0	.7	1.9	.4	1.1	1.3	1.402	1.30	.72	1.112
%RSD	.1062	.0721	.1925	.0432	.1189	.1426	21.68	11.79	6.844	13.87
#1	983.6	934.9	977.3	964.8	957.3	939.9	7.461	11.96	11.03	8.804
#2	985.1	933.9	980.0	965.4	955.7	938.0	5.478	10.12	10.01	7.231

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-2.387	-2.510	949.4	1.908	10.34	6.518	-.4696	.0063	.1213	-.9204
Stddev	1.964	.409	.8	.015	.05	.008	.0415	.0008	.0086	.1438
%RSD	82.29	16.28	.0793	.7783	.4515	.1289	8.838	12.20	7.080	15.62
#1	-.9980	-2.221	949.9	1.918	10.37	6.512	-.4402	.0057	.1274	-.8187
#2	-3.776	-2.799	948.9	1.897	10.30	6.523	-.4989	.0068	.1152	-1.022

Elem	Zr3391
Avg	5.898
Stddev	.287
%RSD	4.869
#1	6.101
#2	5.695

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71108.	17483.	2092.7	5899.1
Stddev	81.	11.	1.5	2.7
%RSD	.11371	.06515	.07048	.04533
#1	71165.	17475.	2091.7	5901.0
#2	71051.	17491.	2093.8	5897.2

Zoom In Zoom Out

Sample Name: rinseconf Acquired: 11/2/2010 11:13:42 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0011	.0009	.0010	.0010	.0008	.0009	.0011	.0015	.0003	.0002
Stddev	.0001	.0001	.0001	.0001	.0002	.0002	.0000	.0001	.0001	.0002
%RSD	7.515	14.69	10.64	12.28	21.72	20.11	3.626	5.641	30.79	74.39
#1	.0011	.0008	.0010	.0009	.0007	.0010	.0011	.0015	.0003	.0004
#2	.0012	.0009	.0011	.0011	.0009	.0008	.0011	.0016	.0002	.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0040	.0014	.0015	.0008	.0017	.0017	.0142	.0639	.0086	.0075
Stddev	.0001	.0000	.0014	.0002	.0000	.0004	.0005	.0017	.0004	.0047
%RSD	2.387	3.291	94.99	28.47	.0745	26.22	3.420	2.719	4.303	62.22
#1	.0039	.0015	.0025	.0006	.0017	.0014	.0145	.0626	.0084	.0042
#2	.0041	.0014	.0005	.0009	.0017	.0020	.0138	.0651	.0089	.0108

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0086	-.0231	.0017	.0005	.0010	.0159	.0005	.0000	.0005	.0090
Stddev	.0075	.0034	.0002	.0000	.0001	.0004	.0002	.000	.0001	.0001
%RSD	87.71	14.66	13.47	3.620	7.047	2.823	45.36	845.7	20.47	1.003
#1	-.0033	-.0255	.0019	.0005	.0009	.0156	.0004	.0000	.0004	.0089
#2	-.0139	-.0207	.0016	.0005	.0010	.0162	.0007	.0000	.0005	.0091

Elem	Zr3391
Avg	.0001
Stddev	.0001
%RSD	65.78
#1	.0002
#2	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71635.	17384.	2146.3	6050.5
Stddev	343.	32.	.3	2.6
%RSD	.47866	.18668	.01184	.04252
#1	71878.	17407.	2146.1	6048.7
#2	71393.	17361.	2146.5	6052.4

Zoom In Zoom Out

Sample Name: mp55428-mb1 1 Acquired: 11/2/2010 11:19:44 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0007	.0004	.0002	.0002	.0017	.0007	.0005	.0011	.0002	.0001
Stddev	.0001	.0001	.0000	.0001	.0001	.0002	.0001	.0002	.0002	.0001
%RSD	13.60	20.90	7.169	27.06	5.552	32.80	20.31	18.02	95.15	124.0
#1	.0008	.0004	.0002	.0002	.0018	.0008	.0005	.0013	.0001	.0000
#2	.0007	.0003	.0002	.0002	.0016	.0005	.0004	.0010	.0004	.0002

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0023	.0007	.0029	.0005	-.0005	-.0008	.0113	.0194	.0178	.0025
Stddev	.0000	.0006	.0004	.0001	.0002	.0001	.0009	.0012	.0008	.0015
%RSD	.9930	85.84	15.62	20.35	37.79	12.38	7.869	6.101	4.551	61.93
#1	.0024	.0003	.0032	.0004	-.0006	-.0008	.0119	.0186	.0172	.0035
#2	.0023	.0012	.0026	.0005	-.0004	-.0007	.0106	.0203	.0184	.0014

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0125	-.0255	-.0043	-.0017	.0008	.0012	.0001	.0000	.0002	.0026
Stddev	.0147	.0011	.0003	.0002	.0007	.0006	.0000	.000	.0000	.0003
%RSD	117.6	4.218	6.134	11.76	89.28	47.74	24.19	11.10	2.930	13.32
#1	-.0021	-.0247	-.0041	-.0019	.0013	.0008	.0001	.0000	.0002	.0028
#2	-.0229	-.0263	-.0045	-.0016	.0003	.0016	.0001	.0000	.0003	.0023

Elem	Zr3391
Avg	.0000
Stddev	.0001
%RSD	441.8
#1	.0000
#2	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73277.	18055.	2190.3	6201.4
Stddev	34.	73.	10.1	21.8
%RSD	.04648	.40329	.46206	.35133
#1	73301.	18004.	2197.5	6216.8
#2	73253.	18107.	2183.2	6186.0

Zoom In Zoom Out

Sample Name: mp55428-lc1 Acquired: 11/2/2010 11:25:44 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.5267	.5204	.5365	.5415	.5279	.4889	.5419	.5291	.2103	.5072
Stddev	.0007	.0003	.0003	.0001	.0018	.0021	.0006	.0002	.0000	.0005
%RSD	.1341	.0590	.0644	.0182	.3430	.4340	.1175	.0445	.0175	.0951
#1	.5272	.5202	.5363	.5416	.5266	.4904	.5415	.5293	.2103	.5075
#2	.5262	.5206	.5368	.5415	.5292	.4874	.5424	.5289	.2103	.5068

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5387	.5239	.5397	.5275	.5322	.5285	5.067	5.752	5.910	5.557
Stddev	.0011	.0006	.0025	.0013	.0013	.0013	.001	.006	.000	.019
%RSD	.2097	.1075	.4582	.2425	.2425	.2550	.0285	.0977	.0003	.3413
#1	.5395	.5243	.5415	.5284	.5313	.5275	5.066	5.748	5.910	5.543
#2	.5379	.5235	.5380	.5266	.5332	.5294	5.068	5.756	5.910	5.570

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	10.29	10.53	.0101	.5282	.0071	.1293	.0011	.0002	.5114	.0068
Stddev	.01	.01	.0004	.0004	.0009	.0020	.0000	.0000	.0019	.0001
%RSD	.1392	.1295	3.820	.0698	12.55	1.523	3.293	1.999	.3784	1.206
#1	10.30	10.52	.0103	.5285	.0064	.1279	.0011	.0002	.5100	.0069
#2	10.28	10.54	.0098	.5280	.0077	.1307	.0011	.0002	.5127	.0067

Elem	Zr3391
Avg	.0050
Stddev	.0000
%RSD	.3810
#1	.0051
#2	.0050

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71452.	17684.	2110.3	5925.6
Stddev	101.	.	2.1	4.4
%RSD	.14189	.00200	.09903	.07504
#1	71380.	17684.	2111.8	5928.7
#2	71524.	17684.	2108.8	5922.4

Zoom In Zoom Out

Sample Name: ja59087-3f Acquired: 11/2/2010 11:31:33 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0241	.0005	-.0003	-.0007	.0019	.0006	.0400	.0101	-.0003	.0063
Stddev	.0002	.0004	.0006	.0007	.0009	.0025	.0002	.0011	.0016	.0001
%RSD	.9623	84.39	239.1	94.11	46.33	424.2	.4391	11.26	526.5	1.348
#1	.0239	.0002	.0002	-.0002	.0025	-.0012	.0399	.0093	.0008	.0062
#2	.0242	.0008	-.0007	-.0012	.0013	.0024	.0401	.0109	-.0015	.0063

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0485	.0032	.0009	-.0052	.0176	.0007	.0184	209.0	.0650	580.6
Stddev	.0009	.0012	.0072	.0012	.0001	.0022	.0003	1.8	.0029	5.1
%RSD	1.798	38.10	767.7	23.97	.4873	307.3	1.898	.8459	4.521	.8795
#1	.0491	.0040	-.0041	-.0061	.0176	-.0008	.0186	207.8	.0629	577.0
#2	.0479	.0023	.0060	-.0043	.0177	.0022	.0181	210.3	.0671	584.2

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	181.2	3937.	2.262	.0746	-.0044	1.581	.0004	3.592	.0050	.0306
Stddev	.0	5.	.003	.0005	.0057	.011	.0026	.005	.0009	.0011
%RSD	.0032	.1394	.1518	.6760	130.3	.7094	725.3	.1507	17.53	3.463
#1	181.2	3933.	2.260	.0749	-.0003	1.574	-.0015	3.588	.0057	.0298
#2	181.2	3941.	2.265	.0742	-.0085	1.589	.0022	3.596	.0044	.0313

Elem	Zr3391
Avg	-.0026
Stddev	.0016
%RSD	63.77
#1	-.0037
#2	-.0014

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	65517.	17122.	1901.6	4685.1
Stddev	195.	134.	2.9	3.5
%RSD	.29812	.78498	.15429	.07412
#1	65656.	17217.	1903.6	4687.6
#2	65379.	17027.	1899.5	4682.7

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/2/2010 11:37:37 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	2.480	.0610	.0543	.4699	.1889	.2491	.6064	.5037	.0576	.4632
Stddev	.579	.0148	.0010	.0004	.0002	.0010	.0012	.0014	.0013	.0003
%RSD	23.33	24.28	1.865	.0925	.1134	.3951	.1994	.2715	2.306	.0646
#1	2.071	.0505	.0550	.4702	.1891	.2484	.6056	.5046	.0585	.4629
#2	2.890	.0715	.0536	.4696	.1888	.2497	.6073	.5027	.0566	.4634

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4792	2.137	1.819	.4826	2.187	.5367	2.517	167.7	1.625	157.2
Stddev	.0008	.005	.006	.0011	.003	.0009	.592	38.6	.367	36.1
%RSD	.1746	.2495	.3213	.2244	.1527	.1609	23.51	23.02	22.60	22.96
#1	.4786	2.141	1.823	.4833	2.189	.5361	2.098	140.4	1.365	131.7
#2	.4798	2.133	1.815	.4818	2.185	.5373	2.935	195.0	1.885	182.7

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	45.97	1379.	1.190	.0237	-.0010	4.364	-.0001	.6723	.0014	.0073
Stddev	10.85	326.	.004	.0092	.0044	.020	.0003	.1607	.0001	.0009
%RSD	23.60	23.65	.2965	38.85	439.7	.4639	322.1	23.91	10.19	12.46
#1	38.30	1148.	1.187	.0172	.0021	4.350	-.0004	.5586	.0015	.0066
#2	53.64	1609.	1.192	.0302	-.0041	4.379	.0001	.7859	.0013	.0079

Elem	Zr3391
Avg	.0001
Stddev	.0013
%RSD	2286.
#1	.0010
#2	-.0008

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	60520.	*****	1724.2	4380.7
Stddev	42.	-----	6.2	6.8
%RSD	.06990	-----	.35905	.15505
#1	60490.	15693.	1728.6	4385.5
#2	60550.	-----	1719.8	4375.9

Zoom In Zoom Out

Sample Name: caconf Acquired: 11/2/2010 11:43:32 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0007	.0007	-.0002	.0000	.0014	.0002	.0002	.0010	.0004	.0006
Stddev	.0000	.0001	.0002	.0000	.0002	.0002	.0000	.0000	.0001	.0003
%RSD	.3233	9.500	120.8	6.507	15.90	102.7	7.019	.1555	15.92	51.80
#1	.0007	.0007	-.0004	.0000	.0012	.0001	.0002	.0010	.0004	.0008
#2	.0007	.0007	.0000	.0000	.0015	.0003	.0002	.0010	.0003	.0004

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0000	.0008	.0015	.0001	.0019	-.0013	.0028	373.3	.0862	.0229
Stddev	.000	.0002	.0003	.0006	.0020	.0005	.0108	1.8	.0011	.0128
%RSD	46.31	22.95	17.35	633.0	107.8	38.34	387.0	.4848	1.324	55.90
#1	.0000	.0009	.0016	-.0003	.0033	-.0009	.0104	374.6	.0871	.0139
#2	-.0001	.0007	.0013	.0005	.0004	-.0016	-.0048	372.0	.0854	.0320

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0615	.3839	.0356	.0049	-.0079	-.0358	-.0013	-.0044	.0039	.0029
Stddev	.0056	.0325	.0003	.0002	.0004	.0002	.0004	.0001	.0001	.0002
%RSD	9.031	8.464	.7477	3.543	5.584	.6480	29.65	1.215	2.441	5.518
#1	.0575	.4069	.0358	.0047	-.0082	-.0359	-.0016	-.0044	.0040	.0028
#2	.0654	.3609	.0354	.0050	-.0076	-.0356	-.0011	-.0045	.0039	.0030

Elem	Zr3391
Avg	-.0001
Stddev	.0000
%RSD	1.161
#1	-.0001
#2	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	67128.	16679.	1967.9	5334.9
Stddev	196.	101.	7.1	8.2
%RSD	.29193	.60491	.36261	.15357
#1	66990.	16751.	1962.9	5329.1
#2	67267.	16608.	1973.0	5340.7

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 11:49:39 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.026	1.998	2.038	2.048	2.020	1.941	2.071	2.040	.2499	2.067
Stddev	.005	.004	.004	.003	.002	.001	.004	.001	.0002	.001
%RSD	.2344	.2110	.2125	.1626	.0828	.0578	.1944	.0508	.0886	.0513
#1	2.029	2.001	2.041	2.050	2.021	1.940	2.074	2.041	.2497	2.068
#2	2.022	1.995	2.035	2.045	2.019	1.942	2.069	2.039	.2500	2.066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.049	2.005	2.060	2.029	2.018	2.006	38.65	39.39	40.19	39.34
Stddev	.003	.001	.001	.001	.001	.004	.01	.06	.11	.06
%RSD	.1456	.0225	.0667	.0638	.0330	.1889	.0341	.1494	.2741	.1646
#1	2.051	2.005	2.059	2.028	2.018	2.008	38.64	39.43	40.26	39.39
#2	2.047	2.006	2.061	2.029	2.017	2.003	38.66	39.35	40.11	39.30
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.07	39.58	2.027	2.047	1.986	5.049	2.065	2.056	1.965	1.984
Stddev	.06	.02	.002	.002	.001	.007	.004	.003	.000	.007
%RSD	.1584	.0478	.1122	.0735	.0530	.1375	.1786	.1413	.0157	.3472
#1	39.02	39.60	2.029	2.048	1.987	5.054	2.068	2.058	1.965	1.979
#2	39.11	39.57	2.026	2.046	1.985	5.044	2.063	2.054	1.965	1.989
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 11:49:39 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.030
Stddev	.001
%RSD	.0222
#1	2.030
#2	2.030
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68138.	17110.	2033.5	5484.0
Stddev	2.	18.	.8	8.3
%RSD	.00358	.10628	.03862	.15098
#1	68137.	17097.	2033.0	5489.9
#2	68140.	17123.	2034.1	5478.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 11:55:29 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0000	.0002	-.0001	-.0002	-.0002	.0001	.0001	-.0001
Stddev	.0000	.0000	.0001	.0002	.0003	.0000	.0000	.0000	.0001
%RSD	15.57	49.56	60.74	211.7	141.0	2.662	21.64	23.14	76.20
#1	.0001	.0000	.0003	-.0003	.0000	-.0002	.0001	.0001	.0000
#2	.0001	.0001	.0001	.0001	-.0005	-.0002	.0000	.0001	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0005	.0009	.0007	.0003	.0014	-.0001	-.0012	.0010
Stddev	.0001	.0001	.0002	.0000	.0007	.0003	.0001	.0002	.0006
%RSD	9.486	16.93	27.72	2.629	260.1	23.54	222.4	18.15	65.67
#1	.0007	.0006	.0010	.0007	-.0002	.0012	-.0002	-.0013	.0014
#2	.0006	.0004	.0007	.0007	.0008	.0016	.0000	-.0010	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	-.0070	.0304	.0110	-.0016	F.0023	.0013	.0027	.0005
Stddev	.0009	.0052	.0139	.0040	.0001	.0002	.0010	.0011	.0005
%RSD	60.72	73.41	45.55	36.62	3.816	9.129	80.83	38.57	98.55
#1	.0021	-.0107	.0403	.0081	-.0016	.0024	.0020	.0020	.0009
#2	.0008	-.0034	.0206	.0138	-.0017	.0021	.0005	.0035	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0020			
Low Limit						-.0020			

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 11:55:29 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0003	F.0186	F.0013
Stddev	.000	.0004	.0014	.0000
%RSD	559.5	109.5	7.292	1.474
#1	.0000	.0006	.0195	.0014
#2	.0000	.0001	.0176	.0013
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail
High Limit			.0165	.0012
Low Limit			-.0165	-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	70923.	17232.	2129.7	5999.2
Stddev	14.	9.	1.0	.8
%RSD	.02027	.04984	.04534	.01413
#1	70933.	17226.	2130.4	5998.6
#2	70913.	17238.	2129.1	5999.8

Zoom In Zoom Out

Sample Name: mp55370-s1 3 Acquired: 11/2/2010 12:01:46 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	4.212	.0496	.0501	.4787	.2028	.2373	.4876	.4945	.0536	.4622
Stddev	.005	.0001	.0005	.0017	.0005	.0021	.0003	.0000	.0005	.0020
%RSD	.1156	.1019	.9022	.3592	.2664	.8750	.0672	.0081	.9301	.4387
#1	4.208	.0496	.0504	.4799	.2032	.2358	.4874	.4945	.0539	.4608
#2	4.215	.0495	.0498	.4775	.2024	.2387	.4879	.4945	.0532	.4637

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4823	2.022	1.867	1.905	2.080	.5033	1.991	1212.	1.271	23.83
Stddev	.0010	.002	.003	.002	.004	.0002	.001	1.	.002	.04
%RSD	.2024	.1111	.1609	.1151	.2137	.0473	.0260	.0954	.1617	.1639
#1	.4830	2.023	1.865	1.907	2.083	.5035	1.992	1212.	1.272	23.85
#2	.4816	2.020	1.870	1.904	2.077	.5032	1.991	1211.	1.269	23.80

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	65.70	92.05	2.221	2.157	2.169	4.436	1.936	12.68	1.898	.0270
Stddev	.05	.07	.006	.001	.002	.005	.002	.05	.003	.0007
%RSD	.0797	.0715	.2552	.0466	.0771	.1033	.0798	.4191	.1490	2.461
#1	65.66	92.01	2.225	2.158	2.167	4.439	1.937	12.64	1.896	.0275
#2	65.73	92.10	2.217	2.157	2.170	4.433	1.935	12.72	1.900	.0265

Elem	Zr3391
Avg	.0228
Stddev	.0019
%RSD	8.393
#1	.0242
#2	.0215

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	65124.	16390.	1867.6	5005.7
Stddev	80.	4.	6.1	12.6
%RSD	.12326	.02593	.32661	.25188
#1	65180.	16387.	1863.3	4996.8
#2	65067.	16393.	1872.0	5014.6

Zoom In Zoom Out

Sample Name: mp55370-s2 Acquired: 11/2/2010 12:07:45 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	5.916	.0503	.0515	.4906	.2114	.2471	.5013	.5049	.0550	.4767
Stddev	.004	.0003	.0002	.0011	.0002	.0026	.0022	.0004	.0013	.0009
%RSD	.0711	.6255	.3960	.2212	.0917	1.051	.4318	.0837	2.308	.1816
#1	5.913	.0501	.0517	.4898	.2115	.2489	.5028	.5052	.0559	.4773
#2	5.919	.0505	.0514	.4913	.2112	.2452	.4998	.5046	.0541	.4760

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4919	2.086	1.907	1.970	2.149	.5184	2.021	1235.	1.304	24.13
Stddev	.0013	.011	.004	.006	.014	.0065	.004	13.	.009	.18
%RSD	.2565	.5344	.1879	.3011	.6413	1.252	.1956	1.048	.7160	.7402
#1	.4910	2.078	1.909	1.966	2.139	.5138	2.023	1226.	1.298	24.00
#2	.4928	2.094	1.904	1.974	2.158	.5230	2.018	1244.	1.311	24.25

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	67.46	94.17	2.281	2.206	2.219	4.527	1.976	12.92	1.949	.0200
Stddev	.06	.03	.008	.006	.007	.017	.012	.03	.012	.0005
%RSD	.0908	.0279	.3619	.2691	.3323	.3741	.6077	.2687	.6159	2.435
#1	67.50	94.18	2.275	2.201	2.225	4.515	1.968	12.94	1.957	.0197
#2	67.41	94.15	2.287	2.210	2.214	4.539	1.985	12.89	1.940	.0204

Elem	Zr3391
Avg	.0072
Stddev	.0002
%RSD	2.088
#1	.0073
#2	.0071

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	65218.	16482.	1860.2	4981.9
Stddev	145.	35.	13.4	31.4
%RSD	.22190	.21132	.72148	.62985
#1	65116.	16506.	1869.7	5004.0
#2	65321.	16457.	1850.7	4959.7

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/2/2010 12:13:44 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.3344	.0016	-.0010	-.0011	.0117	.0017	.0003	.0017	.0012	.0048
Stddev	.0037	.0001	.0004	.0002	.0005	.0003	.0001	.0015	.0006	.0008
%RSD	1.108	3.920	44.43	16.79	4.131	19.16	32.32	86.94	51.31	15.85
#1	.3317	.0016	-.0013	-.0012	.0114	.0015	.0002	.0028	.0016	.0053
#2	.3370	.0015	-.0007	-.0009	.0121	.0019	.0003	.0007	.0008	.0043

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0046	.0036	.0024	.0015	.0116	-.0038	.0274	1189.	.1376	.0269
Stddev	.0018	.0012	.0020	.0069	.0160	.0045	.0133	6.	.1807	.0345
%RSD	39.07	33.48	82.50	462.9	138.0	119.5	48.56	.4808	131.4	128.1
#1	.0059	.0044	.0010	.0064	.0229	-.0070	.0180	1185.	.2653	.0513
#2	.0034	.0027	.0039	-.0034	.0003	-.0006	.0368	1193.	.0098	.0025

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	39.78	66.04	.1461	.1269	-.0239	.2388	-.0006	10.90	.0085	.0063
Stddev	.12	.40	.0626	.0537	.0005	.0568	.0018	.12	.0013	.0056
%RSD	.3123	.6132	42.86	42.28	2.264	23.78	281.9	1.091	15.41	90.12
#1	39.69	65.75	.1904	.1649	-.0235	.2789	-.0019	10.82	.0076	.0102
#2	39.86	66.32	.1018	.0890	-.0243	.1986	.0006	10.98	.0094	.0023

Elem	Zr3391
Avg	-.0004
Stddev	.0002
%RSD	40.88
#1	-.0005
#2	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	64570.	16690.	*****	*****
Stddev	1010.	30.	-----	-----
%RSD	1.5634	.18198	-----	-----
#1	65284.	16711.	1885.7	5064.2
#2	63857.	16668.	-----	-----

Zoom In Zoom Out

Sample Name: mp55370-sd1 Acquired: 11/2/2010 12:19:54 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.3912	.0017	-.0009	-.0022	.0141	-.0001	.0005	.0084	.0004	.0069
Stddev	.0013	.0001	.0003	.0012	.0007	.0050	.0002	.0006	.0023	.0003
%RSD	.3218	3.586	34.77	55.79	5.056	7569.	35.21	6.608	640.6	4.294
#1	.3903	.0017	-.0011	-.0013	.0146	.0035	.0007	.0081	.0020	.0066
#2	.3921	.0016	-.0007	-.0031	.0136	-.0036	.0004	.0088	-.0013	.0071

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0433	.0082	-.0069	-.0017	.0194	-.0054	.0843	1264.	.2903	.0379
Stddev	.0032	.0026	.0037	.0010	.0017	.0012	.0083	6.	.0037	.0573
%RSD	7.349	31.59	53.82	56.50	8.625	21.20	9.784	.4400	1.259	151.2
#1	.0456	.0064	-.0042	-.0024	.0182	-.0062	.0785	1268.	.2929	-.0026
#2	.0411	.0101	-.0095	-.0010	.0206	-.0046	.0902	1260.	.2878	.0784

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	39.55	65.62	.2471	.1950	-.0331	.3201	-.0042	11.26	.0096	.0397
Stddev	.11	.08	.0069	.0023	.0068	.0117	.0084	.04	.0020	.0005
%RSD	.2704	.1225	2.803	1.189	20.41	3.666	201.6	.3313	21.14	1.275
#1	39.62	65.67	.2520	.1967	-.0283	.3283	-.0101	11.29	.0111	.0401
#2	39.47	65.56	.2422	.1934	-.0379	.3118	.0018	11.24	.0082	.0394

Elem	Zr3391
Avg	-.0011
Stddev	.0009
%RSD	83.02
#1	-.0004
#2	-.0017

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69733.	17282.	2046.5	5682.4
Stddev	87.	7.	1.3	2.9
%RSD	.12480	.03973	.06497	.05171
#1	69671.	17287.	2047.4	5684.5
#2	69794.	17277.	2045.5	5680.3

Zoom In Zoom Out

Sample Name: ja59146-1 Acquired: 11/2/2010 12:25:56 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.3298	.0017	-.0011	-.0010	.0118	.0008	.0002	.0030	.0014	.0048
Stddev	.0023	.0000	.0001	.0004	.0001	.0004	.0001	.0008	.0012	.0005
%RSD	.6978	2.712	6.621	39.52	.8963	43.79	52.41	25.66	82.26	11.08
#1	.3314	.0017	-.0012	-.0007	.0118	.0011	.0003	.0035	.0022	.0044
#2	.3282	.0017	-.0011	-.0012	.0119	.0006	.0001	.0025	.0006	.0051

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0010	.0019	-.0013	.0064	.0234	-.0039	.0030	1179.	.2679	.0192
Stddev	.0002	.0021	.0029	.0004	.0023	.0011	.0120	9.	.0039	.0090
%RSD	16.25	108.4	224.8	6.067	9.718	28.06	406.8	.7287	1.446	46.74
#1	.0009	.0004	.0007	.0067	.0218	-.0047	.0115	1185.	.2706	.0256
#2	.0011	.0034	-.0033	.0061	.0250	-.0032	-.0056	1173.	.2651	.0129

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	39.94	65.93	.1886	.1603	-.0240	.2942	-.0019	10.82	.0080	.0065
Stddev	.14	.33	.0003	.0018	.0009	.0049	.0011	.14	.0002	.0009
%RSD	.3622	.4947	.1487	1.146	3.828	1.649	56.98	1.251	2.717	13.20
#1	40.04	66.16	.1884	.1590	-.0246	.2976	-.0011	10.92	.0082	.0071
#2	39.84	65.70	.1888	.1616	-.0233	.2907	-.0026	10.73	.0079	.0059

Elem	Zr3391
Avg	-.0001
Stddev	.0003
%RSD	539.3
#1	.0002
#2	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	65419.	16538.	1896.1	5094.1
Stddev	30.	81.	12.1	24.2
%RSD	.04592	.48708	.63896	.47567
#1	65440.	16481.	1904.7	5111.3
#2	65398.	16595.	1887.6	5077.0

Zoom In Zoom Out

Sample Name: mp55427-s2 1 Acquired: 11/2/2010 12:32:08 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.947	.0473	.0545	.4696	.1859	.2481	.5971	.4975	.0582	.4555
Stddev	.005	.0000	.0001	.0021	.0005	.0010	.0001	.0028	.0003	.0003
%RSD	.2393	.0459	.1280	.4481	.2789	.4056	.0134	.5543	.5220	.0715
#1	1.944	.0473	.0545	.4681	.1855	.2474	.5971	.4956	.0584	.4557
#2	1.951	.0473	.0546	.4711	.1863	.2488	.5972	.4995	.0580	.4552

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4747	2.150	1.787	.4831	2.206	.5434	1.963	131.2	1.274	123.1
Stddev	.0018	.014	.008	.0017	.012	.0016	.010	.3	.006	.2
%RSD	.3810	.6558	.4237	.3429	.5455	.2878	.5088	.1908	.4809	.1348
#1	.4734	2.140	1.782	.4842	2.198	.5423	1.956	131.4	1.270	123.3
#2	.4760	2.160	1.792	.4819	2.215	.5445	1.970	131.1	1.278	123.0

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	36.38	1093.	1.196	.0180	.0029	4.326	-.0003	.5291	.0013	.0051
Stddev	.11	3.	.010	.0004	.0001	.030	.0007	.0016	.0001	.0005
%RSD	.2887	.2346	.8477	2.293	4.376	.7030	207.3	.2997	9.445	9.573
#1	36.31	1091.	1.189	.0177	.0030	4.304	.0002	.5280	.0014	.0047
#2	36.45	1095.	1.203	.0183	.0028	4.347	-.0008	.5302	.0013	.0054

Elem	Zr3391
Avg	.0013
Stddev	.0001
%RSD	9.075
#1	.0014
#2	.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	60425.	16492.	1701.1	4328.8
Stddev	270.	70.	13.0	21.3
%RSD	.44749	.42417	.76360	.49237
#1	60616.	16541.	1710.3	4343.9
#2	60234.	16442.	1691.9	4313.8

Zoom In Zoom Out

Sample Name: ja59206-3f Acquired: 11/2/2010 12:38:01 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1205	.0012	-.0009	.0009	.0007	.0006	1.558	.0039	-.0002	.0006
Stddev	.0004	.0000	.0001	.0004	.0001	.0000	.002	.0004	.0003	.0003
%RSD	.3551	2.239	7.212	46.77	10.89	5.000	.1565	10.92	215.3	48.11
#1	.1208	.0012	-.0008	.0012	.0007	.0006	1.556	.0042	-.0004	.0004
#2	.1202	.0011	-.0009	.0006	.0006	.0006	1.560	.0036	.0001	.0009

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	-.0004	.0015	.0016	.0016	.0035	-.0029	-.0225	665.0	3.351	407.1
Stddev	.0000	.0004	.0001	.0004	.0012	.0010	.0036	3.6	.001	.2
%RSD	10.77	26.89	3.485	21.70	36.08	36.02	15.93	.5400	.0160	.0422
#1	-.0005	.0012	.0015	.0014	.0026	-.0036	-.0250	667.5	3.351	407.3
#2	-.0004	.0018	.0016	.0019	.0043	-.0022	-.0199	662.5	3.351	407.0

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	17.76	418.6	.6088	.0185	-.0125	7.863	-.0014	11.36	.0051	.0016
Stddev	.02	2.3	.0005	.0002	.0003	.000	.0001	.09	.0002	.0007
%RSD	.1374	.5540	.0806	1.057	2.269	.0022	6.415	.8187	4.601	40.27
#1	17.78	417.0	.6085	.0183	-.0123	7.863	-.0013	11.30	.0049	.0012
#2	17.75	420.3	.6092	.0186	-.0127	7.863	-.0014	11.43	.0052	.0021

Elem	Zr3391
Avg	-.0033
Stddev	.0001
%RSD	1.572
#1	-.0032
#2	-.0033

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	61277.	16221.	1696.7	4446.7
Stddev	212.	19.	4.1	6.6
%RSD	.34609	.11452	.23885	.14753
#1	61427.	16234.	1699.6	4451.4
#2	61127.	16208.	1693.9	4442.1

Zoom In Zoom Out

Sample Name: mp55434-mb1 2 Acquired: 11/2/2010 12:44:16 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0024	-.0002	.0000	-.0001	-.0003	.0004	.0004	.0006	.0000	.0002
Stddev	.0001	.0000	.000	.0000	.0003	.0005	.0000	.0001	.000	.0002
%RSD	4.547	5.217	112.9	28.79	103.3	107.3	10.50	25.83	1836.	76.61
#1	.0025	-.0002	.0000	-.0001	-.0001	.0008	.0004	.0005	-.0001	.0001
#2	.0023	-.0002	-.0001	-.0001	-.0004	.0001	.0003	.0007	.0001	.0003

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0013	.0010	.0020	.0002	-.0003	-.0005	.0082	.0232	.0115	-.0025
Stddev	.0001	.0003	.0012	.0005	.0002	.0000	.0048	.0022	.0001	.0047
%RSD	8.401	28.45	60.88	214.2	77.93	.6411	59.09	9.675	.9987	189.3
#1	.0014	.0008	.0029	-.0001	-.0001	-.0005	.0116	.0248	.0114	-.0058
#2	.0013	.0012	.0011	.0006	-.0005	-.0005	.0048	.0216	.0116	.0008

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0068	.0679	-.0054	-.0019	.0019	.0025	.0057	.0002	.0004	.0003
Stddev	.0069	.0058	.0000	.0001	.0002	.0001	.0001	.0001	.0000	.0006
%RSD	102.1	8.531	.2320	2.643	8.332	3.061	.9650	42.47	8.322	197.4
#1	-.0116	.0720	-.0054	-.0019	.0018	.0024	.0057	.0003	.0004	-.0001
#2	-.0019	.0638	-.0054	-.0020	.0020	.0025	.0056	.0001	.0004	.0007

Elem	Zr3391
Avg	-.0001
Stddev	.0001
%RSD	92.42
#1	.0000
#2	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72364.	17975.	2141.5	6121.2
Stddev	108.	73.	10.3	22.7
%RSD	.14915	.40731	.47896	.37131
#1	72287.	18027.	2148.7	6137.2
#2	72440.	17923.	2134.2	6105.1

Zoom In Zoom Out

Sample Name: mp55434-b1 Acquired: 11/2/2010 12:50:17 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	3.880	.0955	.0960	.9827	.3888	.4625	.9914	.9597	.1016	.9270
Stddev	.009	.0003	.0006	.0008	.0006	.0007	.0031	.0022	.0003	.0015
%RSD	.2404	.2877	.6069	.0848	.1423	.1407	.3137	.2320	.2502	.1619
#1	3.874	.0957	.0956	.9821	.3884	.4621	.9936	.9581	.1018	.9281
#2	3.887	.0953	.0964	.9833	.3892	.4630	.9892	.9612	.1014	.9260

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.9632	3.734	3.736	.9405	3.745	.9679	50.56	11.79	49.87	11.38
Stddev	.0022	.002	.011	.0006	.006	.0010	.02	.09	.24	.00
%RSD	.2239	.0618	.3061	.0604	.1542	.1073	.0417	.7638	.4769	.0077
#1	.9647	3.733	3.728	.9409	3.741	.9672	50.54	11.85	50.04	11.38
#2	.9617	3.736	3.744	.9401	3.749	.9686	50.57	11.72	49.70	11.38

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	12.17	12.52	.0160	.0034	.0112	.0231	.0177	.0010	.0018	.0128
Stddev	.00	.07	.0004	.0001	.0005	.0006	.0000	.0000	.0001	.0002
%RSD	.0055	.5895	2.509	3.272	4.753	2.716	.2644	3.320	5.744	1.527
#1	12.17	12.47	.0157	.0035	.0116	.0235	.0177	.0010	.0019	.0127
#2	12.17	12.57	.0163	.0034	.0109	.0226	.0177	.0010	.0017	.0130

Elem	Zr3391
Avg	.0064
Stddev	.0002
%RSD	3.428
#1	.0066
#2	.0063

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69445.	17488.	2051.7	5692.9
Stddev	46.	146.	.3	2.9
%RSD	.06583	.83584	.01397	.05051
#1	69413.	17385.	2051.9	5690.9
#2	69478.	17592.	2051.5	5695.0

Zoom In / Zoom Out

Sample Name: mp55434-s1 Acquired: 11/2/2010 12:56:08 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	4.604	.0908	.0840	.9258	.6262	.7292	7.879	1.240	.0911	1.242
Stddev	.016	.0002	.0000	.0036	.0007	.0009	.010	.002	.0006	.003
%RSD	.3572	.2460	.0241	.3924	.1109	.1285	.1240	.1923	.6051	.2278
#1	4.615	.0910	.0840	.9233	.6267	.7285	7.886	1.239	.0915	1.244
#2	4.592	.0907	.0840	.9284	.6257	.7298	7.872	1.242	.0907	1.240

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.443	3.324	3.382	1.037	3.228	.3475	268.9	143.8	318.6	106.1
Stddev	.004	.014	.004	.004	.015	.0016	.2	.2	1.7	.1
%RSD	.3043	.4149	.1320	.4177	.4734	.4516	.0780	.1632	.5282	.0819
#1	1.439	3.314	3.378	1.034	3.217	.3464	268.7	144.0	317.4	106.1
#2	1.446	3.334	3.385	1.040	3.239	.3486	269.0	143.6	319.8	106.0

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	60.65	15.25	.2645	.0112	-.0170	3.661	.0199	.4167	4.429	.0194
Stddev	.10	.03	.0015	.0001	.0004	.011	.0006	.0012	.003	.0004
%RSD	.1674	.1998	.5798	1.246	2.455	.2923	2.842	.2884	.0573	1.861
#1	60.72	15.23	.2634	.0111	-.0173	3.669	.0195	.4158	4.427	.0196
#2	60.57	15.28	.2656	.0113	-.0167	3.654	.0202	.4175	4.431	.0191

Elem	Zr3391
Avg	.1487
Stddev	.0017
%RSD	1.123
#1	.1475
#2	.1499

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71018.	18752.	2074.1	4937.8
Stddev	25.	29.	3.7	18.6
%RSD	.03466	.15658	.17651	.37758
#1	71036.	18773.	2076.7	4951.0
#2	71001.	18732.	2071.5	4924.6

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/2/2010 13:02:14 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.013	1.989	2.017	2.049	2.018	1.939	2.064	2.025	.2505	2.056
Stddev	.004	.003	.000	.000	.008	.002	.004	.005	.0004	.003
%RSD	.2081	.1574	.0072	.0029	.4033	.1008	.1737	.2639	.1703	.1325
#1	2.016	1.987	2.017	2.050	2.023	1.938	2.066	2.022	.2508	2.058
#2	2.010	1.992	2.017	2.049	2.012	1.940	2.061	2.029	.2502	2.054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.053	2.006	2.046	2.031	2.019	2.012	38.55	39.27	39.82	39.21
Stddev	.003	.001	.001	.004	.003	.001	.01	.10	.04	.11
%RSD	.1621	.0577	.0612	.2114	.1259	.0324	.0273	.2606	.0891	.2738
#1	2.050	2.007	2.047	2.028	2.021	2.012	38.54	39.20	39.79	39.13
#2	2.055	2.005	2.045	2.034	2.017	2.012	38.56	39.34	39.84	39.29
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.39	40.08	2.028	2.021	1.990	4.989	2.050	2.056	1.980	2.000
Stddev	.04	.09	.002	.001	.005	.004	.001	.002	.008	.012
%RSD	.1124	.2271	.0890	.0269	.2364	.0812	.0513	.0971	.4167	.5917
#1	39.42	40.14	2.030	2.021	1.987	4.992	2.050	2.057	1.986	1.992
#2	39.36	40.01	2.027	2.021	1.994	4.986	2.051	2.054	1.975	2.009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/2/2010 13:02:14 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.031
Stddev	.002
%RSD	.0913
#1	2.032
#2	2.029
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68271.	17086.	2041.9	5493.5
Stddev	6.	87.	1.6	4.3
%RSD	.00835	.50842	.08071	.07795
#1	68275.	17147.	2040.7	5496.6
#2	68267.	17024.	2043.0	5490.5

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/2/2010 13:08:03 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	.0004	.0003	.0000	.0001	.0001	.0006	.0003	.0003
Stddev	.0000	.0001	.0001	.0001	.0004	.0001	.0001	.0001	.0001
%RSD	1.463	18.79	28.37	252.0	314.7	83.25	14.31	44.75	45.46
#1	.0009	.0004	.0002	.0001	-.0002	.0000	.0005	.0002	.0002
#2	.0009	.0005	.0003	.0000	.0004	.0001	.0007	.0003	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0008	.0005	.0011	-.0001	.0010	.0007	.0107	.0122
Stddev	.0002	.0000	.0005	.0015	.0002	.0004	.0000	.0023	.0030
%RSD	14.61	3.151	109.6	132.9	168.7	45.77	5.734	21.80	24.32
#1	.0010	.0007	.0008	.0001	.0000	.0006	.0007	.0091	.0101
#2	.0012	.0008	.0001	.0022	-.0003	.0013	.0006	.0124	.0143
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0107	.0058	.0218	.0190	-.0022	.0018	.0015	.0024	.0013
Stddev	.0012	.0013	.0003	.0027	.0004	.0004	.0003	.0003	.0001
%RSD	11.28	21.39	1.269	14.13	18.81	19.91	20.31	12.47	6.199
#1	.0098	.0067	.0220	.0209	-.0019	.0021	.0017	.0022	.0014
#2	.0115	.0050	.0216	.0171	-.0025	.0016	.0012	.0026	.0013
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 13:08:03 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0005	.0005	.0165	F.0014
Stddev	.0000	.0001	.0018	.0001
%RSD	3.620	12.00	10.80	6.231
#1	.0005	.0006	.0177	.0014
#2	.0005	.0005	.0152	.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				.0012
Low Limit				-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71396.	17294.	2141.6	6013.5
Stddev	168.	67.	7.5	19.3
%RSD	.23462	.38464	.34913	.32029
#1	71514.	17341.	2146.9	6027.1
#2	71278.	17247.	2136.3	5999.9

Zoom In Zoom Out

Sample Name: mp55434-s2 Acquired: 11/2/2010 13:14:07 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	4.470	.0883	.0825	.8987	.6003	.7183	7.386	1.201	.0888	1.219
Stddev	.007	.0001	.0003	.0023	.0022	.0009	.030	.004	.0001	.005
%RSD	.1618	.1209	.4122	.2596	.3684	.1211	.4007	.3653	.0709	.3899
#1	4.476	.0884	.0827	.9004	.5987	.7189	7.407	1.204	.0888	1.215
#2	4.465	.0882	.0823	.8971	.6019	.7177	7.365	1.198	.0889	1.222

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.399	3.220	3.284	.9910	3.135	.3346	256.2	137.1	309.4	103.9
Stddev	.002	.001	.005	.0012	.001	.0009	.1	.2	1.5	.0
%RSD	.1745	.0350	.1660	.1162	.0240	.2670	.0540	.1255	.4826	.0191
#1	1.400	3.221	3.288	.9918	3.136	.3352	256.3	137.2	310.5	103.9
#2	1.397	3.219	3.280	.9902	3.135	.3340	256.1	136.9	308.4	103.9

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	56.66	14.90	.2523	.0107	-.0154	3.242	.0192	.3969	4.307	.0238
Stddev	.15	.01	.0006	.0003	.0011	.040	.0012	.0009	.007	.0003
%RSD	.2717	.0775	.2460	3.075	6.942	1.241	6.417	.2386	.1559	1.417
#1	56.77	14.91	.2519	.0105	-.0146	3.271	.0184	.3963	4.302	.0236
#2	56.55	14.89	.2528	.0110	-.0161	3.214	.0201	.3976	4.312	.0240

Elem	Zr3391
Avg	.1483
Stddev	.0008
%RSD	.5429
#1	.1477
#2	.1489

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71523.	18696.	2085.0	5003.5
Stddev	118.	9.	.6	.6
%RSD	.16474	.04722	.02936	.01296
#1	71606.	18689.	2085.4	5003.9
#2	71440.	18702.	2084.6	5003.0

Zoom In Zoom Out

Sample Name: ja59307-15 Acquired: 11/2/2010 13:20:12 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.226	.0100	-.0010	.1310	.2720	.3001	7.091	.3416	.0024	.4144
Stddev	.005	.0001	.0003	.0001	.0004	.0000	.067	.0002	.0001	.0006
%RSD	.3761	.6189	25.55	.0658	.1335	.0089	.9394	.0693	2.360	.1538
#1	1.222	.0100	-.0012	.1311	.2718	.3002	7.044	.3414	.0024	.4149
#2	1.229	.0101	-.0008	.1310	.2723	.3001	7.138	.3418	.0024	.4140

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.6546	.0636	-.0168	.1504	-.0089	.0018	205.0	138.2	288.9	94.47
Stddev	.0002	.0010	.0009	.0009	.0013	.0000	.5	.3	.1	.15
%RSD	.0269	1.651	5.193	.6025	14.64	1.022	.2370	.1850	.0504	.1548
#1	.6544	.0643	-.0174	.1498	-.0098	.0018	204.6	138.3	288.8	94.58
#2	.6547	.0628	-.0161	.1511	-.0080	.0019	205.3	138.0	289.0	94.37

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	42.41	4.023	.2192	.0102	-.0224	2.687	.0184	.4101	3.832	.0106
Stddev	.12	.006	.0004	.0001	.0002	.014	.0005	.0013	.001	.0001
%RSD	.2810	.1439	.1639	.5752	.8014	.5085	2.811	.3260	.0282	1.375
#1	42.33	4.019	.2195	.0102	-.0226	2.696	.0181	.4091	3.831	.0107
#2	42.50	4.027	.2190	.0102	-.0223	2.677	.0188	.4110	3.833	.0105

Elem	Zr3391
Avg	.1437
Stddev	.0012
%RSD	.8545
#1	.1428
#2	.1446

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73151.	19106.	2128.1	5119.8
Stddev	179.	39.	.6	4.4
%RSD	.24406	.20620	.02936	.08691
#1	73278.	19134.	2127.6	5122.9
#2	73025.	19078.	2128.5	5116.6

Zoom In Zoom Out

Sample Name: mp55434-sd1 Acquired: 11/2/2010 13:26:10 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.256	.0098	-.0013	.1388	.2910	.2911	7.872	.3453	.0057	.4304
Stddev	.007	.0002	.0008	.0007	.0001	.0026	.016	.0001	.0008	.0016
%RSD	.5488	1.890	58.93	.4820	.0370	.8889	.2077	.0271	13.87	.3731
#1	1.261	.0099	-.0018	.1384	.2911	.2892	7.884	.3453	.0062	.4292
#2	1.251	.0097	-.0008	.1393	.2910	.2929	7.861	.3452	.0051	.4315

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.7481	.0691	.0039	.1480	.0055	.0007	205.8	147.5	328.7	96.76
Stddev	.0001	.0010	.0031	.0011	.0061	.0029	1.5	.7	1.4	.32
%RSD	.0200	1.477	77.99	.7718	110.2	399.6	.7514	.4656	.4262	.3320
#1	.7480	.0684	.0061	.1471	.0098	-.0013	206.9	148.0	329.7	96.99
#2	.7482	.0698	.0018	.1488	.0012	.0028	204.7	147.0	327.7	96.54

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	42.67	4.075	.2474	.0157	-.0157	2.754	.0168	.4222	3.964	.0164
Stddev	.33	.065	.0027	.0012	.0003	.022	.0035	.0028	.001	.0001
%RSD	.7705	1.585	1.078	7.484	2.089	.8170	20.59	.6642	.0211	.3846
#1	42.90	4.121	.2455	.0149	-.0159	2.738	.0193	.4242	3.965	.0165
#2	42.43	4.030	.2493	.0165	-.0155	2.769	.0144	.4202	3.964	.0164

Elem	Zr3391
Avg	.1648
Stddev	.0019
%RSD	1.167
#1	.1662
#2	.1635

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74791.	18746.	2221.6	5733.9
Stddev	126.	74.	8.2	8.3
%RSD	.16841	.39470	.36795	.14475
#1	74702.	18694.	2227.3	5739.8
#2	74881.	18799.	2215.8	5728.1

Zoom In Zoom Out

Sample Name: ja59307-1 Acquired: 11/2/2010 13:32:06 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	2.229	.0087	.0457	.1015	2.147	2.122	4.710	.4506	.0746	.3820
Stddev	.005	.0000	.0005	.0005	.004	.002	.012	.0003	.0007	.0000
%RSD	.2054	.2511	1.160	.4822	.1758	.1108	.2637	.0705	.8876	.0014
#1	2.232	.0088	.0453	.1012	2.150	2.123	4.719	.4508	.0751	.3820
#2	2.226	.0087	.0461	.1019	2.144	2.120	4.702	.4503	.0741	.3820

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	4.381	.1037	-.0100	1.759	.0040	.0156	175.5	45.56	282.4	61.35
Stddev	.000	.0009	.0015	.006	.0001	.0009	.4	.31	2.3	.28
%RSD	.0087	.9149	14.61	.3227	1.896	6.069	.2084	.6714	.8095	.4545
#1	4.381	.1044	-.0090	1.763	.0041	.0150	175.8	45.77	284.1	61.55
#2	4.381	.1030	-.0110	1.755	.0040	.0163	175.3	45.34	280.8	61.16

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	30.68	22.53	.2272	.0259	-.0103	2.339	.2144	.6602	3.761	.0087
Stddev	.03	.04	.0000	.0002	.0007	.021	.0002	.0013	.012	.0013
%RSD	.0826	.1554	.0101	.9349	6.368	.8881	.0788	.1905	.3121	14.54
#1	30.66	22.51	.2272	.0258	-.0107	2.353	.2145	.6611	3.769	.0096
#2	30.70	22.56	.2272	.0261	-.0098	2.324	.2143	.6593	3.753	.0078

Elem	Zr3391
Avg	.0883
Stddev	.0013
%RSD	1.444
#1	.0892
#2	.0874

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73254.	18916.	2124.8	5310.2
Stddev	130.	16.	.6	1.7
%RSD	.17683	.08670	.02988	.03171
#1	73162.	18927.	2125.2	5309.0
#2	73346.	18904.	2124.3	5311.4

Zoom In Zoom Out

Sample Name: ja59307-3 Acquired: 11/2/2010 13:37:57 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	5.952	.0078	.0241	.0790	1.787	2.490	2.568	.2425	.0437	.3386
Stddev	.067	.0002	.0005	.0008	.004	.009	.004	.0006	.0004	.0001
%RSD	1.131	2.877	2.192	.9607	.1962	.3440	.1442	.2566	.9358	.0290
#1	5.904	.0077	.0237	.0784	1.784	2.496	2.565	.2420	.0434	.3385
#2	6.000	.0080	.0245	.0795	1.789	2.484	2.571	.2429	.0440	.3386

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	4.426	.3855	.0019	2.813	.0110	.0164	159.5	24.65	204.8	42.55
Stddev	.024	.0023	.0021	.013	.0005	.0000	3.7	.47	3.8	.80
%RSD	.5323	.5886	113.6	.4566	4.698	.2724	2.347	1.894	1.833	1.870
#1	4.409	.3839	.0004	2.804	.0107	.0164	156.8	24.32	202.1	41.98
#2	4.442	.3871	.0034	2.822	.0114	.0164	162.1	24.98	207.4	43.11

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	20.10	11.94	.1362	.0131	-.0028	1.966	.4340	.3299	2.770	.0138
Stddev	.48	.24	.0001	.0012	.0011	.017	.0039	.0068	.001	.0014
%RSD	2.371	2.027	.0854	9.099	39.04	.8699	.9094	2.052	.0476	9.819
#1	19.76	11.77	.1362	.0140	-.0036	1.954	.4312	.3251	2.769	.0128
#2	20.43	12.11	.1361	.0123	-.0020	1.978	.4367	.3346	2.771	.0147

Elem	Zr3391
Avg	.0166
Stddev	.0003
%RSD	1.970
#1	.0163
#2	.0168

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73797.	18793.	2162.9	5478.5
Stddev	58.	360.	18.1	45.2
%RSD	.07823	1.9140	.83480	.82558
#1	73838.	19048.	2175.7	5510.4
#2	73756.	18539.	2150.1	5446.5

Zoom In Zoom Out

Sample Name: pdconf Acquired: 11/2/2010 13:43:51 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0003	-.0001	-.0001	.0000	-.0007	-.0002	.0002	.0000	.0001	.0003
Stddev	.0001	.0000	.0000	.000	.0002	.0001	.0000	.000	.0003	.0001
%RSD	21.72	14.88	38.93	8259.	29.36	77.00	17.70	17.54	324.7	40.96
#1	.0003	-.0001	-.0001	.0001	-.0005	-.0001	.0002	.0000	-.0001	.0002
#2	.0002	-.0001	-.0001	-.0001	-.0008	-.0003	.0001	.0000	.0003	.0003

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0011	-.0001	.0012	-.0001	-.0023	.0001	.0027	.4995	.0114	.0018
Stddev	.0002	.0006	.0012	.0001	.0000	.0008	.0002	.0128	.0010	.0026
%RSD	21.16	756.3	98.47	148.6	1.617	649.1	7.044	2.569	8.580	148.3
#1	.0009	.0003	.0004	-.0001	-.0024	.0007	.0026	.4904	.0107	-.0001
#2	.0012	-.0005	.0021	.0000	-.0023	-.0004	.0029	.5086	.0121	.0037

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0182	.0109	-.0021	.0010	2.159	.0093	.0001	.0016	.0005	.0023
Stddev	.0102	.0065	.0005	.0000	.004	.0011	.0001	.0001	.0001	.0001
%RSD	55.84	59.14	25.92	1.330	.1956	12.07	143.4	6.677	11.73	3.349
#1	.0254	.0064	-.0024	.0010	2.156	.0085	.0002	.0015	.0005	.0022
#2	.0110	.0155	-.0017	.0010	2.162	.0101	.0000	.0017	.0004	.0023

Elem	Zr3391
Avg	-.0001
Stddev	.0001
%RSD	177.9
#1	.0000
#2	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71426.	17482.	2144.4	6022.9
Stddev	115.	378.	1.6	8.7
%RSD	.16083	2.1596	.07320	.14512
#1	71508.	17749.	2143.3	6016.7
#2	71345.	17215.	2145.5	6029.0

Zoom In Zoom Out

Sample Name: moconf Acquired: 11/2/2010 13:49:54 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	-.0001	.0001	-.0004	-.0168	-.0012	-.0041	.0058	-.0029	-.0008	-.0195
Stddev	.0000	.0000	.0000	.0001	.0001	.0002	.0000	.0002	.0001	.0004
%RSD	43.46	.1968	2.678	.4378	12.13	3.849	.7996	5.264	13.02	2.062
#1	-.0001	.0001	-.0004	-.0169	-.0013	-.0040	.0058	-.0028	-.0008	-.0192
#2	.0000	.0001	-.0004	-.0167	-.0011	-.0042	.0058	-.0030	-.0007	-.0197

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	-.0046	-.0003	.0154	.0014	-.0009	-.0003	.1173	.0033	.0025	.1019
Stddev	.0000	.0002	.0009	.0000	.0007	.0000	.0019	.0010	.0000	.0009
%RSD	.5083	67.28	6.031	3.041	70.72	15.51	1.578	29.17	.3665	.8564
#1	-.0046	-.0005	.0147	.0014	-.0005	-.0003	.1160	.0040	.0025	.1012
#2	-.0047	-.0002	.0160	.0014	-.0014	-.0003	.1186	.0026	.0026	.1025

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0062	.0035	-.0410	9.483	-.0002	.1442	.0103	.0000	-.0049	.0015
Stddev	.0064	.0009	.0000	.050	.0000	.0019	.0000	.000	.0000	.0005
%RSD	103.7	26.05	.0558	.5272	11.16	1.321	.4314	25.22	.7317	31.34
#1	.0017	.0042	-.0410	9.448	-.0002	.1429	.0103	-.0001	-.0049	.0019
#2	.0107	.0029	-.0410	9.519	-.0002	.1456	.0102	.0000	-.0049	.0012

Elem	Zr3391
Avg	.0144
Stddev	.0000
%RSD	.3314
#1	.0144
#2	.0144

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71573.	17374.	2133.7	5915.0
Stddev	219.	7.	5.7	19.6
%RSD	.30594	.04230	.26901	.33190
#1	71728.	17369.	2137.7	5928.9
#2	71419.	17379.	2129.6	5901.2

Zoom In Zoom Out

Sample Name: alconf Acquired: 11/2/2010 13:55:52 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	-.0009	-.0002	.0000	-.0002	-.0017	-.0001	-.0007	-.0016	.0006	-.0005
Stddev	.0000	.0000	.000	.0001	.0001	.0002	.0000	.0001	.0000	.0003
%RSD	5.486	13.14	324.8	24.55	5.543	204.9	3.670	7.879	3.019	57.71
#1	-.0009	-.0002	.0000	-.0002	-.0018	-.0002	-.0007	-.0016	.0006	-.0007
#2	-.0009	-.0001	-.0001	-.0002	-.0016	.0000	-.0007	-.0015	.0006	-.0003

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0026	-.0001	.0023	.0000	.0006	.0034	446.6	-.0033	-.0157	-.0242
Stddev	.0000	.0001	.0009	.0007	.0011	.0008	.4	.0010	.0007	.0046
%RSD	1.333	46.06	39.87	19840.	177.0	22.68	.0899	29.17	4.367	19.23
#1	.0026	-.0002	.0017	.0005	-.0002	.0029	446.9	-.0039	-.0161	-.0209
#2	.0026	-.0001	.0030	-.0005	.0014	.0040	446.3	-.0026	-.0152	-.0274

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0236	.0091	-.0275	-.0161	.0010	-.0092	-.0002	.0000	.0004	.0108
Stddev	.0067	.0009	.0003	.0014	.0007	.0006	.0002	.000	.0002	.0000
%RSD	28.43	10.13	1.017	8.919	65.52	6.142	108.2	73.10	64.26	.0646
#1	-.0188	.0097	-.0277	-.0150	.0015	-.0088	.0000	.0000	.0002	.0108
#2	-.0283	.0084	-.0273	-.0171	.0005	-.0096	-.0003	-.0001	.0006	.0108

Elem	Zr3391
Avg	.0001
Stddev	.0001
%RSD	89.95
#1	.0002
#2	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	66216.	17876.	2079.6	5540.7
Stddev	124.	36.	1.4	1.8
%RSD	.18691	.20349	.06822	.03333
#1	66128.	17902.	2078.6	5539.3
#2	66303.	17851.	2080.6	5542.0

Zoom In Zoom Out

Sample Name: snconf Acquired: 11/2/2010 14:01:55 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0003	.0001	-.0001	-.0003	.0000	.0001	.0001	.0005	.0000	.0004
Stddev	.0000	.0000	.0001	.0000	.000	.0003	.0001	.0001	.0001	.0001
%RSD	10.54	1.552	114.6	3.768	545.8	373.2	46.31	17.66	387.8	31.77
#1	.0003	.0001	-.0001	-.0003	.0001	-.0001	.0002	.0005	-.0001	.0005
#2	.0004	.0001	.0000	-.0003	-.0002	.0003	.0001	.0006	.0001	.0003

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0006	-.0002	.0000	-.0002	.0007	-.0021	.0901	.0304	.0594	-.0011
Stddev	.0001	.0002	.000	.0006	.0006	.0000	.0026	.0027	.0019	.0065
%RSD	23.06	146.0	2295.	303.7	.0967	.6081	2.934	8.817	3.179	615.8
#1	.0007	.0000	.0001	.0002	.0007	-.0021	.0920	.0285	.0581	.0035
#2	.0005	-.0003	-.0001	-.0006	.0007	-.0021	.0883	.0323	.0607	-.0056

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0043	-.0142	-.0024	.0020	.0050	.0306	9.551	.0001	.0000	.0011
Stddev	.0017	.0002	.0000	.0002	.0002	.0003	.018	.0000	.000	.0004
%RSD	38.94	1.294	1.130	8.010	4.417	1.005	.1855	27.41	2947.	33.60
#1	.0054	-.0141	-.0024	.0022	.0048	.0308	9.538	.0001	.0003	.0009
#2	.0031	-.0144	-.0024	.0019	.0051	.0303	9.563	.0000	-.0003	.0014

Elem	Zr3391
Avg	-.0033
Stddev	.0008
%RSD	24.04
#1	-.0028
#2	-.0039

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69795.	17251.	2151.5	6024.0
Stddev	1477.	5.	7.4	13.9
%RSD	2.1165	.02693	.34421	.23144
#1	70839.	17248.	2156.8	6033.8
#2	68750.	17254.	2146.3	6014.1

Zoom In Zoom Out

Sample Name: bconf Acquired: 11/2/2010 14:07:57 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0002	-.0001	.0000	-.0001	-.0002	-.0005	.0000	.0004	-.0001	.0003
Stddev	.0000	.0001	.000	.0001	.0001	.0004	.0000	.0004	.0002	.0003
%RSD	3.664	109.6	1819.	102.3	63.52	89.12	25.27	105.0	180.4	107.3
#1	.0001	.0000	.0000	.0000	-.0001	-.0008	.0000	.0007	.0000	.0001
#2	.0002	-.0001	.0000	-.0002	-.0003	-.0002	.0001	.0001	-.0002	.0005

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0001	.0005	.0001	-.0002	.0002	.0001	.0162	-.0041	.0017	-.0091
Stddev	.0001	.0003	.0003	.0000	.0004	.0005	.0044	.0022	.0005	.0054
%RSD	85.68	68.84	486.5	15.98	182.2	431.0	27.10	53.19	28.22	59.26
#1	.0001	.0007	-.0002	-.0002	.0005	-.0003	.0193	-.0026	.0021	-.0129
#2	.0002	.0002	.0003	-.0002	-.0001	.0005	.0131	-.0057	.0014	-.0053

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0163	-.0125	9.306	.0007	-.0002	.0060	.0018	-.0001	.0001	.0002
Stddev	.0111	.0025	.004	.0004	.0006	.0004	.0003	.0000	.0002	.0004
%RSD	67.89	20.34	.0418	59.46	335.4	6.854	16.00	17.33	246.5	261.4
#1	-.0085	-.0107	9.309	.0009	-.0006	.0057	.0020	-.0001	-.0001	.0005
#2	-.0242	-.0143	9.303	.0004	.0002	.0063	.0016	-.0001	.0003	-.0001

Elem	Zr3391
Avg	-.0001
Stddev	.0001
%RSD	78.25
#1	-.0001
#2	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72829.	17505.	2156.7	6047.2
Stddev	1392.	333.	1.0	1.6
%RSD	1.9109	1.9019	.04465	.02683
#1	73813.	17269.	2156.0	6048.4
#2	71845.	17740.	2157.3	6046.1

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 14:14:00 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.005	2.005	1.990	2.040	1.988	1.889	2.022	2.006	.2460	2.008
Stddev	.005	.007	.005	.004	.038	.028	.033	.003	.0042	.029
%RSD	.2713	.3408	.2366	.1712	1.916	1.462	1.632	.1433	1.728	1.420
#1	2.001	2.000	1.987	2.037	1.961	1.869	1.998	2.008	.2430	1.988
#2	2.009	2.010	1.994	2.042	2.015	1.908	2.045	2.004	.2490	2.028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.049	2.002	2.019	2.029	2.017	2.009	38.72	39.72	40.07	39.55
Stddev	.003	.006	.005	.004	.006	.008	.10	.06	.14	.05
%RSD	.1636	.2925	.2538	.1977	.2975	.3997	.2527	.1627	.3599	.1177
#1	2.052	1.998	2.015	2.032	2.012	2.003	38.65	39.68	39.97	39.52
#2	2.047	2.006	2.022	2.026	2.021	2.015	38.79	39.77	40.17	39.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.85	40.50	2.031	1.990	1.943	4.919	2.035	2.065	1.967	2.014
Stddev	.17	.08	.007	.008	.026	.018	.001	.005	.039	.014
%RSD	.4300	.1900	.3448	.3959	1.347	.3626	.0509	.2509	1.975	.7141
#1	39.73	40.45	2.026	1.985	1.925	4.906	2.036	2.061	1.939	2.004
#2	39.97	40.56	2.036	1.996	1.962	4.931	2.035	2.068	1.994	2.024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 14:14:00 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.972
Stddev	.026
%RSD	1.334
#1	1.953
#2	1.991
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	69459.	17030.	2054.7	5514.0
Stddev	1038.	24.	10.9	13.8
%RSD	1.4948	.13954	.52918	.24991
#1	70194.	17046.	2062.4	5523.8
#2	68725.	17013.	2047.0	5504.3

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 14:19:49 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0004	.0006	.0003	.0004	.0002	.0008	.0005	.0001
Stddev	.0002	.0001	.0001	.0001	.0001	.0002	.0000	.0000	.0002
%RSD	31.84	34.76	15.16	25.35	20.12	62.17	.9690	2.851	264.8
#1	.0004	.0003	.0006	.0002	.0004	.0004	.0008	.0005	-.0001
#2	.0007	.0005	.0005	.0003	.0003	.0001	.0008	.0005	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	.0011	.0007	.0004	.0002	.0013	.0008	.0110	.0086
Stddev	.0002	.0000	.0002	.0003	.0001	.0008	.0001	.0013	.0029
%RSD	15.13	3.172	23.65	79.17	62.37	61.74	11.71	11.56	33.36
#1	.0014	.0011	.0005	.0002	.0003	.0007	.0008	.0101	.0066
#2	.0011	.0012	.0008	.0007	.0001	.0018	.0007	.0119	.0107
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0115	.0072	.0424	-.0003	-.0002	F.0025	.0009	.0040	.0012
Stddev	.0034	.0016	.0085	.0036	.0004	.0005	.0013	.0000	.0005
%RSD	29.63	21.79	19.92	1093.	182.4	19.41	144.7	.3420	42.49
#1	.0091	.0083	.0484	-.0029	.0001	.0028	.0000	.0040	.0008
#2	.0139	.0061	.0365	.0022	-.0005	.0021	.0018	.0040	.0015
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100					.0020			
Low Limit	-.0100					-.0020			

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 14:19:49 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0004	.0009	.0156	F.0015
Stddev	.0002	.0005	.0008	.0002
%RSD	38.31	55.40	5.395	10.57
#1	.0003	.0006	.0162	.0016
#2	.0005	.0013	.0150	.0014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				.0012
Low Limit				-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	70842.	17314.	2151.4	6043.7
Stddev	68.	32.	.0	3.1
%RSD	.09658	.18679	.00167	.05169
#1	70794.	17337.	2151.4	6041.5
#2	70890.	17291.	2151.4	6045.9

Zoom In Zoom Out

Sample Name: mgconf Acquired: 11/2/2010 14:25:53 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	-.0046	.0001	.0001	.0006	-.0001	-.0008	.0012	.0005	-.0010	.0001
Stddev	.0000	.0000	.0001	.0002	.0005	.0002	.0000	.0002	.0000	.0001
%RSD	.5771	50.16	164.2	31.97	989.3	26.75	2.117	33.90	2.283	191.2
#1	-.0047	.0001	.0000	.0007	-.0004	-.0010	.0012	.0004	-.0010	.0000
#2	-.0046	.0000	.0001	.0004	.0003	-.0007	.0013	.0006	-.0009	.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0065	-.0001	.0015	-.0009	.0009	.0000	.0028	-.0160	.0035	484.0
Stddev	.0000	.0000	.0002	.0006	.0005	.0012	.0023	.0003	.0001	5.4
%RSD	.4229	11.92	12.75	69.80	55.11	2598.	81.98	2.132	1.939	1.116
#1	.0065	-.0001	.0016	-.0005	.0012	-.0008	.0012	-.0157	.0035	487.8
#2	.0065	-.0001	.0013	-.0014	.0005	.0009	.0045	-.0162	.0036	480.1

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0707	-.0168	.0248	.0011	-.0004	.0108	.0003	.0001	.0010	.0067
Stddev	.0080	.0043	.0000	.0003	.0007	.0008	.0001	.0000	.0000	.0003
%RSD	11.32	25.88	.1876	28.11	193.8	6.974	44.76	13.87	2.909	3.851
#1	.0764	-.0137	.0248	.0009	.0001	.0103	.0002	.0001	.0010	.0065
#2	.0651	-.0199	.0248	.0013	-.0009	.0114	.0004	.0001	.0010	.0069

Elem	Zr3391
Avg	.0004
Stddev	.0000
%RSD	9.659
#1	.0004
#2	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72072.	18135.	2142.4	5385.0
Stddev	374.	176.	3.3	3.0
%RSD	.51831	.97223	.15485	.05584
#1	72336.	18011.	2144.8	5387.1
#2	71808.	18260.	2140.1	5382.9

Zoom In Zoom Out

Sample Name: mnconf Acquired: 11/2/2010 14:31:55 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0001	.0005	-.0007	-.0001	-.0011	-.0010	9.051	.0006	.0000	-.0032
Stddev	.0001	.0001	.0000	.0000	.0001	.0002	.178	.0001	.0000	.0001
%RSD	50.15	9.616	4.800	56.05	7.022	23.34	1.971	23.06	144.1	3.159
#1	.0002	.0006	-.0007	-.0001	-.0011	-.0008	9.177	.0005	.0000	-.0032
#2	.0001	.0005	-.0007	.0000	-.0010	-.0011	8.924	.0007	.0000	-.0031

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0006	-.0001	-.0009	.0001	.0005	-.0006	.0011	.0302	.0006	.0245
Stddev	.0001	.0004	.0007	.0002	.0002	.0006	.0017	.0001	.0006	.0027
%RSD	15.49	689.9	74.50	136.7	30.06	87.68	158.3	.4491	93.50	11.01
#1	.0007	.0002	-.0014	.0003	.0007	-.0002	-.0001	.0303	.0002	.0226
#2	.0006	-.0003	-.0004	.0000	.0004	-.0010	.0023	.0301	.0010	.0264

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0117	-.0175	-.0003	.0011	-.0001	.0126	-.0035	.0001	.0002	.0041
Stddev	.0046	.0021	.0001	.0001	.0000	.0004	.0000	.0000	.0004	.0004
%RSD	38.87	12.04	42.62	9.668	13.86	3.282	.1232	9.210	252.2	9.217
#1	-.0150	-.0160	-.0002	.0010	-.0001	.0123	-.0035	.0001	-.0001	.0044
#2	-.0085	-.0189	-.0003	.0012	-.0002	.0129	-.0035	.0001	.0005	.0039

Elem	Zr3391
Avg	.0001
Stddev	.0001
%RSD	70.16
#1	.0002
#2	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70765.	17272.	2148.7	6044.7
Stddev	581.	112.	11.7	21.1
%RSD	.82130	.64841	.54341	.34899
#1	70354.	17193.	2157.0	6059.6
#2	71176.	17352.	2140.4	6029.7

Zoom In Zoom Out

Sample Name: feconf Acquired: 11/2/2010 14:38:02 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0002	.0000	-.0012	-.0022	.0009	.0019	-.0037	.0047	.0042	.0309
Stddev	.0001	.000	.0001	.0000	.0001	.0001	.0001	.0001	.0003	.0003
%RSD	59.04	67.99	6.454	1.128	6.800	4.880	2.145	3.042	7.521	1.092
#1	.0001	.0000	-.0012	-.0022	.0009	.0019	-.0037	.0046	.0040	.0311
#2	.0003	.0000	-.0011	-.0021	.0010	.0018	-.0038	.0048	.0045	.0307

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	-.0022	-.0009	.0020	.0000	.0027	-.0014	-.0149	.0051	190.6	-.0305
Stddev	.0000	.0001	.0004	.000	.0009	.0002	.0017	.0007	.1	.0313
%RSD	2.243	11.76	18.86	880.2	31.62	14.26	11.29	14.74	.0605	102.6
#1	-.0021	-.0008	.0023	-.0002	.0033	-.0013	-.0160	.0045	190.7	-.0084
#2	-.0022	-.0010	.0017	.0002	.0021	-.0015	-.0137	.0056	190.5	-.0526

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0508	-.0252	.0334	.0065	.0020	.0202	-.0029	.0000	-.0002	.0035
Stddev	.0081	.0019	.0002	.0004	.0007	.0003	.0001	.000	.0003	.0002
%RSD	15.88	7.368	.6220	6.604	35.60	1.278	1.783	22.89	166.0	4.901
#1	-.0565	-.0265	.0333	.0062	.0015	.0204	-.0029	.0000	.0000	.0036
#2	-.0451	-.0239	.0336	.0068	.0025	.0200	-.0030	.0000	-.0004	.0034

Elem	Zr3391
Avg	.0000
Stddev	.0001
%RSD	146.7
#1	.0001
#2	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70437.	17149.	2107.2	5897.6
Stddev	780.	25.	8.1	16.5
%RSD	1.1079	.14728	.38315	.27898
#1	69885.	17131.	2112.9	5909.2
#2	70989.	17167.	2101.5	5886.0

Zoom In Zoom Out

Sample Name: siconf Acquired: 11/2/2010 14:44:01 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0001	-.0001	.0000	-.0003	-.0003	-.0001	-.0011	.0000	.0001	.0005
Stddev	.0001	.0000	.0000	.0000	.0000	.0003	.0000	.000	.0000	.0002
%RSD	109.4	32.05	677.2	7.608	18.04	300.7	3.878	83020.	7.366	33.36
#1	.0000	-.0001	.0000	-.0003	-.0003	.0001	-.0011	-.0002	.0001	.0006
#2	.0002	-.0001	.0000	-.0003	-.0002	-.0003	-.0010	.0002	.0001	.0004

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0010	.0005	.0014	-.0004	.0002	.0000	-.0020	.0274	-.0216	.0007
Stddev	.0000	.0008	.0002	.0009	.0000	.0006	.0016	.0010	.0012	.0003
%RSD	.0560	145.5	12.64	206.8	5.584	1388.	78.26	3.685	5.615	42.30
#1	.0010	.0000	.0016	.0002	.0002	-.0004	-.0009	.0281	-.0208	.0009
#2	.0010	.0011	.0013	-.0010	.0002	.0005	-.0032	.0267	-.0225	.0005

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0082	-.0205	-.0014	.0005	-.0001	9.335	.0008	.0000	.0002	.0055
Stddev	.0078	.0011	.0001	.0000	.0005	.001	.0003	.0000	.0003	.0000
%RSD	94.12	5.374	5.250	10.02	400.7	.0152	34.19	69.02	144.5	.5562
#1	-.0137	-.0213	-.0013	.0004	-.0005	9.334	.0009	.0000	.0004	.0054
#2	-.0028	-.0197	-.0014	.0005	.0002	9.336	.0006	.0001	.0000	.0055

Elem	Zr3391
Avg	.0089
Stddev	.0020
%RSD	22.53
#1	.0103
#2	.0074

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71129.	17223.	2138.6	6038.7
Stddev	137.	20.	4.3	4.4
%RSD	.19196	.11630	.19913	.07284
#1	71032.	17237.	2135.6	6035.6
#2	71226.	17208.	2141.6	6041.8

Zoom In Zoom Out

Sample Name: asconf Acquired: 11/2/2010 14:50:03 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0002	.0000	.0003	-.0002	-.0002	.0002	.0178	.0001	-.0001	.0001
Stddev	.0001	.000	.0000	.0001	.0001	.0001	.0001	.0000	.0003	.0000
%RSD	75.03	57.47	15.15	69.41	78.70	85.69	.3340	37.75	209.2	25.56
#1	.0001	.0000	.0002	-.0003	-.0001	.0001	.0177	.0002	.0001	.0001
#2	.0003	.0000	.0003	-.0001	-.0002	.0002	.0178	.0001	-.0004	.0002

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0012	4.729	.0001	.0000	.0005	.0002	.0016	.0140	.0024	-.0075
Stddev	.0000	.004	.0008	.000	.0014	.0002	.0032	.0026	.0009	.0098
%RSD	2.790	.0948	700.2	264.4	257.2	113.3	198.4	18.51	39.01	130.3
#1	.0011	4.732	.0006	.0000	-.0004	.0000	-.0006	.0159	.0017	-.0144
#2	.0012	4.726	-.0004	-.0001	.0015	.0004	.0039	.0122	.0031	-.0006

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0077	-.0216	-.0029	.0001	.0005	.0240	.0002	.0000	.0000	.0020
Stddev	.0113	.0033	.0000	.0001	.0010	.0011	.0000	.0000	.000	.0001
%RSD	147.8	15.18	.3064	54.88	196.6	4.436	8.565	106.9	13400.	4.098
#1	-.0157	-.0193	-.0029	.0001	.0012	.0232	.0002	.0000	-.0002	.0020
#2	.0003	-.0239	-.0029	.0002	-.0002	.0247	.0002	.0000	.0002	.0019

Elem	Zr3391
Avg	.0002
Stddev	.0001
%RSD	53.14
#1	.0003
#2	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70789.	17033.	2141.3	6051.8
Stddev	347.	106.	1.9	8.5
%RSD	.48952	.62299	.08837	.14126
#1	70544.	17109.	2139.9	6045.8
#2	71034.	16958.	2142.6	6057.9

Zoom In / Zoom Out

Sample Name: vconf Acquired: 11/2/2010 14:56:05 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0000	-.0001	.0002	.0000	-.0006	-.0026	.0000	.0003	.0002	9.883
Stddev	.0000	.0001	.0001	.000	.0002	.0000	.000	.0000	.0002	.063
%RSD	21.20	209.7	27.04	429.8	41.16	1.489	427.1	4.825	146.6	.6329
#1	.0000	-.0001	.0003	-.0002	-.0007	-.0026	.0000	.0003	.0003	9.927
#2	.0000	.0000	.0002	.0001	-.0004	-.0026	-.0001	.0003	.0000	9.839

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	-.0014	.0016	.0022	-.0006	.0005	-.0008	-.0040	.0086	.0021	-.0003
Stddev	.0001	.0002	.0003	.0004	.0012	.0004	.0039	.0004	.0002	.0018
%RSD	10.02	13.05	12.81	61.92	257.7	54.32	96.89	4.882	10.25	585.2
#1	-.0015	.0015	.0024	-.0004	-.0004	-.0005	-.0067	.0083	.0022	-.0016
#2	-.0013	.0018	.0020	-.0009	.0014	-.0011	-.0013	.0089	.0019	.0010

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0193	-.0236	.0000	.0017	.0038	.0051	.0003	.0000	.0001	.0711
Stddev	.0068	.0015	.0002	.0000	.0003	.0002	.0004	.000	.0000	.0008
%RSD	35.33	6.478	405.6	.2971	7.532	4.729	147.6	59.66	30.96	1.063
#1	-.0241	-.0247	.0002	.0017	.0040	.0050	.0000	.0000	.0002	.0716
#2	-.0144	-.0226	-.0001	.0017	.0036	.0053	.0006	-.0001	.0001	.0706

Elem	Zr3391
Avg	.0115
Stddev	.0001
%RSD	.9594
#1	.0116
#2	.0115

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70879.	17393.	2133.9	6015.8
Stddev	272.	358.	.7	1.4
%RSD	.38347	2.0584	.03358	.02322
#1	70687.	17646.	2134.4	6014.8
#2	71071.	17140.	2133.4	6016.8

Zoom In / Zoom Out

Sample Name: ticonf Acquired: 11/2/2010 15:02:08 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0002	.0005	.0001	.0039	-.0025	.0064	-.0008	.0008	-.0005	.0041
Stddev	.0001	.0000	.0000	.0001	.0002	.0001	.0000	.0001	.0000	.0001
%RSD	49.43	7.867	42.95	2.128	7.474	1.906	2.415	10.07	1.969	3.259
#1	.0002	.0005	.0001	.0040	-.0024	.0063	-.0008	.0008	-.0005	.0042
#2	.0001	.0005	.0000	.0038	-.0027	.0065	-.0008	.0007	-.0005	.0040

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	-.0031	.0009	.0005	.0004	-.0013	.0044	-.0051	.0047	.0026	-.0196
Stddev	.0001	.0000	.0010	.0003	.0001	.0002	.0040	.0020	.0002	.0081
%RSD	2.543	3.097	201.1	75.48	9.538	3.699	78.64	43.19	7.580	41.40
#1	-.0031	.0009	-.0002	.0002	-.0014	.0043	-.0023	.0062	.0025	-.0253
#2	-.0032	.0009	.0012	.0007	-.0012	.0045	-.0080	.0033	.0028	-.0139

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0107	-.0230	.0069	.0028	.0179	.1353	.0103	.0000	9.395	.0018
Stddev	.0053	.0004	.0000	.0001	.0009	.0013	.0010	.000	.172	.0003
%RSD	49.55	1.524	.2270	2.675	5.098	.9598	9.349	60.43	1.833	17.84
#1	-.0070	-.0227	.0069	.0028	.0173	.1343	.0097	.0000	9.273	.0020
#2	-.0145	-.0232	.0069	.0029	.0186	.1362	.0110	.0000	9.517	.0015

Elem	Zr3391
Avg	.0020
Stddev	.0001
%RSD	5.873
#1	.0021
#2	.0019

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71745.	17065.	2128.9	6001.1
Stddev	1255.	24.	4.9	5.8
%RSD	1.7488	.13949	.22973	.09732
#1	72632.	17048.	2132.4	6005.2
#2	70858.	17082.	2125.4	5997.0

Zoom In / Zoom Out

Sample Name: srconf Acquired: 11/2/2010 15:08:09 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0001	.0000	.0001	-.0004	-.0003	.0000	.0000	.0004	-.0003	.0003
Stddev	.0001	.000	.0000	.0004	.0003	.000	.0000	.0001	.0000	.0001
%RSD	67.32	42.89	34.16	87.94	108.0	1811.	123.5	17.54	15.06	31.39
#1	.0001	.0000	.0001	-.0002	-.0001	-.0002	.0000	.0004	-.0003	.0002
#2	.0002	.0000	.0002	-.0007	-.0005	.0002	.0000	.0003	-.0003	.0003

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0005	.0003	-.0007	.0000	.0010	-.0005	-.0008	.0680	.0025	.0057
Stddev	.0001	.0001	.0001	.001	.0002	.0002	.0014	.0007	.0016	.0168
%RSD	23.51	40.66	7.131	4056.	22.45	37.67	179.3	1.058	65.75	294.7
#1	.0004	.0002	-.0007	-.0007	.0008	-.0004	.0002	.0675	.0036	-.0062
#2	.0005	.0004	-.0008	.0006	.0011	-.0007	-.0017	.0685	.0013	.0176

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0221	-.0119	-.0003	.0011	.0010	.0054	.0010	9.771	.0011	.0005
Stddev	.0185	.0009	.0002	.0001	.0011	.0002	.0004	.140	.0000	.0003
%RSD	83.41	7.894	53.78	12.05	118.0	4.111	37.34	1.431	.1805	63.95
#1	-.0091	-.0126	-.0004	.0012	.0018	.0056	.0007	9.672	.0011	.0008
#2	-.0352	-.0112	-.0002	.0010	.0002	.0053	.0013	9.869	.0011	.0003

Elem	Zr3391
Avg	-.0003
Stddev	.0001
%RSD	19.55
#1	-.0003
#2	-.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71817.	16910.	2116.3	5969.4
Stddev	1747.	67.	1.7	3.3
%RSD	2.4321	.39459	.07932	.05501
#1	73052.	16957.	2117.5	5971.7
#2	70582.	16863.	2115.1	5967.0

Zoom In / Zoom Out

Sample Name: ja59206-15f 1 Acquired: 11/2/2010 15:14:16 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0340	.0001	-.0002	.0001	-.0001	.0006	1.125	.0015	.0002	.0013
Stddev	.0001	.0000	.0002	.0001	.0001	.0004	.002	.0003	.0001	.0001
%RSD	.2688	28.13	98.07	151.1	46.93	76.03	.1434	18.21	75.25	7.094
#1	.0340	.0001	-.0001	.0002	-.0002	.0003	1.126	.0013	.0003	.0013
#2	.0341	.0001	-.0004	.0000	-.0001	.0009	1.124	.0017	.0001	.0014

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0107	.0058	.0041	-.0005	-.0001	-.0007	-.0112	27.03	.4097	62.62
Stddev	.0001	.0001	.0019	.0000	.0017	.0007	.0034	.12	.0009	.42
%RSD	.5314	1.531	45.95	2.451	1569.	100.7	30.34	.4395	.2291	.6755
#1	.0107	.0058	.0054	-.0005	.0013	-.0012	-.0136	27.11	.4090	62.91
#2	.0106	.0059	.0028	-.0004	-.0011	-.0002	-.0088	26.94	.4104	62.32

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	52.17	985.5	2.273	.0202	-.0001	9.003	-.0003	.4579	.0012	-.0005
Stddev	.24	9.2	.020	.0006	.0000	.076	.0005	.0022	.0001	.0010
%RSD	.4526	.9319	.8885	3.022	6.559	.8417	182.3	.4736	5.026	207.8
#1	52.01	992.0	2.259	.0198	-.0001	8.949	-.0006	.4564	.0012	-.0012
#2	52.34	979.0	2.288	.0207	-.0001	9.056	.0001	.4595	.0012	.0002

Elem	Zr3391
Avg	-.0028
Stddev	.0002
%RSD	7.656
#1	-.0026
#2	-.0029

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	61736.	16456.	1764.5	4557.5
Stddev	173.	.	13.4	33.6
%RSD	.28017	.00165	.75848	.73819
#1	61858.	16456.	1774.0	4581.3
#2	61614.	16457.	1755.1	4533.7

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/2/2010 15:20:20 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0019	-.0113	-.0009	.0000	.0011	-.0112	.2908	.0176	.0024	.0005
Stddev	.0001	.0000	.0001	.0000	.0001	.0002	.0008	.0003	.0000	.0003
%RSD	5.685	.1284	9.503	113.5	9.566	1.809	.2585	1.859	1.044	54.27
#1	.0018	-.0114	-.0009	.0000	.0010	-.0111	.2913	.0178	.0024	.0003
#2	.0019	-.0113	-.0010	.0001	.0012	-.0113	.2902	.0174	.0024	.0007

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5059	.0060	.0045	.0032	-.0111	-.0009	.0673	6.869	.1709	16.18
Stddev	.0005	.0015	.0063	.0004	.0011	.0006	.0013	.004	.0017	.02
%RSD	.1041	25.71	139.5	13.99	10.11	64.11	2.002	.0567	1.024	.0991
#1	.5063	.0049	.0001	.0029	-.0103	-.0013	.0683	6.866	.1697	16.17
#2	.5056	.0071	.0090	.0035	-.0119	-.0005	.0664	6.872	.1722	16.19

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	12.23	329.2	.3658	-.1177	.0056	2.151	.0024	.1121	.0068	-.0332
Stddev	.06	1.1	.0002	.0001	.0004	.003	.0006	.0001	.0006	.0007
%RSD	.4901	.3308	.0501	.0519	6.754	.1391	26.40	.0576	8.398	2.151
#1	12.19	330.0	.3659	-.1177	.0059	2.149	.0019	.1120	.0064	-.0337
#2	12.27	328.4	.3657	-.1176	.0053	2.153	.0028	.1121	.0072	-.0327

Elem	Zr3391
Avg	.0005
Stddev	.0002
%RSD	39.40
#1	.0006
#2	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	265580.	68527.	7936.2	5364.0
Stddev	590.	185.	6.9	1.4
%RSD	.22231	.27031	.08640	.02682
#1	265160.	68658.	7941.1	5365.0
#2	266000.	68397.	7931.4	5363.0

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 15:26:31 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.051	1.999	2.073	2.074	2.040	1.982	2.099	2.063	.2531	2.106
Stddev	.075	.065	.001	.001	.002	.008	.000	.000	.0007	.001
%RSD	3.648	3.240	.0325	.0480	.1136	.4123	.0034	.0129	.2649	.0356
#1	2.104	2.044	2.073	2.075	2.038	1.988	2.099	2.063	.2536	2.107
#2	1.998	1.953	2.072	2.074	2.042	1.976	2.099	2.063	.2526	2.106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.064	2.027	2.090	2.046	2.043	2.032	39.10	39.19	39.96	39.06
Stddev	.002	.003	.010	.001	.001	.000	1.33	1.13	1.19	1.15
%RSD	.1039	.1389	.4659	.0334	.0446	.0081	3.406	2.893	2.983	2.952
#1	2.065	2.025	2.097	2.046	2.044	2.032	40.04	39.99	40.81	39.88
#2	2.062	2.029	2.083	2.045	2.043	2.032	38.16	38.39	39.12	38.25
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.02	40.03	2.058	2.085	2.017	5.150	2.091	2.079	1.980	2.017
Stddev	1.21	1.26	.004	.002	.008	.003	.004	.072	.001	.008
%RSD	3.030	3.152	.1851	.1045	.3848	.0546	.2056	3.479	.0717	.3755
#1	40.88	40.92	2.055	2.084	2.022	5.148	2.094	2.130	1.979	2.012
#2	39.16	39.14	2.061	2.087	2.011	5.152	2.088	2.028	1.981	2.023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 15:26:31 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.080
Stddev	.005
%RSD	.2201
#1	2.076
#2	2.083
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68104.	16950.	2017.3	5458.8
Stddev	263.	425.	.2	.5
%RSD	.38664	2.5053	.00746	.00984
#1	67918.	16650.	2017.4	5458.4
#2	68290.	17251.	2017.2	5459.2

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 15:32:20 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0006	F.0007	.0004	.0005	.0009	.0012	.0007	.0002
Stddev	.0003	.0002	.0002	.0004	.0003	.0002	.0000	.0001	.0002
%RSD	35.89	26.71	28.44	79.54	59.11	25.54	1.056	15.76	96.52
#1	.0006	.0005	.0009	.0007	.0006	.0010	.0013	.0006	.0001
#2	.0010	.0007	.0006	.0002	.0003	.0007	.0012	.0008	.0003
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.0006						
Low Limit			-.0006						

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0011	.0012	F.0023	.0008	.0016	.0007	.0181	.0138
Stddev	.0004	.0004	.0001	.0007	.0002	.0004	.0003	.0086	.0048
%RSD	26.54	33.21	6.976	28.80	28.20	23.82	38.37	47.57	34.55
#1	.0013	.0014	.0012	.0018	.0009	.0019	.0008	.0120	.0104
#2	.0020	.0008	.0011	.0028	.0006	.0013	.0005	.0241	.0172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0020					
Low Limit				-.0020					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0152	.0093	.0461	.0511	-.0015	F.0023	.0015	.0058	.0009
Stddev	.0048	.0016	.0133	.0133	.0001	.0006	.0010	.0009	.0007
%RSD	31.71	17.37	28.89	26.00	8.460	27.33	69.47	16.20	72.40
#1	.0118	.0082	.0555	.0417	-.0014	.0028	.0022	.0065	.0014
#2	.0186	.0104	.0367	.0604	-.0016	.0019	.0007	.0052	.0005
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100					.0020			
Low Limit	-.0100					-.0020			

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/2/2010 15:32:20 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0006	F.0014	.0147	F.0019
Stddev	.0003	.0002	.0023	.0002
%RSD	40.61	12.36	15.40	9.006
#1	.0005	.0013	.0163	.0020
#2	.0008	.0015	.0131	.0018
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit		.0010		.0012
Low Limit		-.0010		-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71151.	16939.	2116.8	5971.3
Stddev	1149.	79.	4.8	2.5
%RSD	1.6145	.46752	.22493	.04250
#1	71963.	16883.	2120.2	5973.1
#2	70338.	16995.	2113.4	5969.5

Zoom In / Zoom Out

Sample Name: crib Acquired: 11/2/2010 15:38:25 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2052	.0022	.0032	.0513	.0097	.0089	.0162	.0113	.0051
Stddev	.0068	.0002	.0001	.0002	.0001	.0001	.0000	.0001	.0001
%RSD	3.333	7.771	2.553	.3096	1.053	1.412	.1651	.5352	1.328
#1	.2100	.0023	.0033	.0511	.0096	.0090	.0162	.0113	.0051
#2	.2003	.0021	.0031	.0514	.0098	.0088	.0162	.0114	.0052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496	.0221	.0082	.0110	.0036	.0097	.0059	.1984	5.173
Stddev	.0006	.0001	.0000	.0006	.0001	.0003	.0005	.0075	.172
%RSD	1.193	.5544	.4360	5.611	2.190	3.237	7.989	3.793	3.334
#1	.0492	.0220	.0081	.0114	.0035	.0099	.0056	.2038	5.295
#2	.0500	.0222	.0082	.0105	.0036	.0094	.0063	.1931	5.051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1104	4.965	10.12	10.35	.0994	.0227	.0531	.1989	.0108
Stddev	.0033	.156	.29	.30	.0003	.0001	.0003	.0011	.0002
%RSD	3.005	3.145	2.883	2.927	.3217	.3603	.5003	.5531	1.509
#1	.1128	5.076	10.32	10.56	.0992	.0226	.0529	.1997	.0109
#2	.1081	4.855	9.911	10.13	.0997	.0228	.0533	.1981	.0106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In / Zoom Out

Sample Name: crib Acquired: 11/2/2010 15:38:25 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0109	.0102	.0605	F.0040
Stddev	.0004	.0001	.0000	.0005
%RSD	3.606	.6855	.0098	11.94
#1	.0111	.0101	.0605	.0043
#2	.0106	.0102	.0605	.0036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				.0100
Range				-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	70720.	16660.	2110.6	5881.2
Stddev	524.	516.	2.9	5.5
%RSD	.74028	3.0995	.13511	.09384
#1	71090.	16295.	2108.6	5885.1
#2	70350.	17025.	2112.7	5877.3

Zoom In / Zoom Out

Sample Name: mp55428-sd1 Acquired: 11/2/2010 15:44:23 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0324	-.0001	.0000	.0001	-.0018	.0032	1.085	.0031	.0012	.0031
Stddev	.0004	.0000	.001	.0004	.0000	.0006	.003	.0006	.0015	.0008
%RSD	1.264	12.43	2313.	462.1	1.667	19.09	.2957	18.33	124.9	26.51
#1	.0321	-.0002	-.0006	.0003	-.0018	.0027	1.082	.0027	.0023	.0025
#2	.0327	-.0001	.0005	-.0002	-.0018	.0036	1.087	.0035	.0001	.0036

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0204	.0046	.0042	-.0039	.0030	.0012	.0078	25.95	.4027	57.90
Stddev	.0001	.0044	.0045	.0006	.0060	.0005	.0097	.05	.0010	.13
%RSD	.7198	94.85	108.2	15.49	198.3	46.70	123.6	.1977	.2484	.2322
#1	.0203	.0015	.0010	-.0035	-.0012	.0016	.0010	25.92	.4020	57.80
#2	.0205	.0077	.0074	-.0043	.0072	.0008	.0147	25.99	.4034	57.99

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	46.49	1258.	2.244	.0346	.0059	8.508	.0014	.4240	.0031	.0179
Stddev	.13	4.	.039	.0020	.0037	.142	.0012	.0009	.0011	.0006
%RSD	.2806	.2806	1.719	5.853	62.16	1.665	83.01	.2178	35.55	3.180
#1	46.39	1256.	2.217	.0360	.0085	8.408	.0006	.4234	.0024	.0175
#2	46.58	1261.	2.272	.0331	.0033	8.608	.0023	.4247	.0039	.0183

Elem	Zr3391
Avg	-.0008
Stddev	.0004
%RSD	46.83
#1	-.0005
#2	-.0010

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	67383.	16925.	1969.0	5337.8
Stddev	394.	43.	11.5	30.2
%RSD	.58490	.25697	.58545	.56664
#1	67105.	16956.	1960.9	5316.4
#2	67662.	16894.	1977.2	5359.2

Zoom In Zoom Out

Sample Name: mp55428-s1 1 Acquired: 11/2/2010 15:50:26 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.994	.0475	.0549	.4791	.1952	.2544	1.611	.5114	.0594	.4853
Stddev	.004	.0003	.0000	.0004	.0108	.0129	.087	.0006	.0036	.0269
%RSD	.2162	.5921	.0158	.0850	5.523	5.072	5.394	.1150	6.056	5.544
#1	1.991	.0473	.0550	.4794	.1876	.2453	1.550	.5118	.0568	.4662
#2	1.997	.0477	.0549	.4789	.2028	.2635	1.673	.5110	.0619	.5043

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4878	2.130	1.851	.4897	2.134	.5345	1.956	49.07	1.360	83.80
Stddev	.0016	.002	.006	.0015	.001	.0002	.012	.19	.013	.30
%RSD	.3237	.0757	.3098	.2976	.0284	.0291	.6237	.3860	.9302	.3622
#1	.4889	2.131	1.855	.4907	2.135	.5346	1.947	48.94	1.351	83.59
#2	.4867	2.129	1.847	.4887	2.134	.5344	1.965	49.21	1.369	84.01

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	75.77	963.2	2.185	.0221	.0039	8.642	.0004	.4353	.0010	.0059
Stddev	.23	13.0	.002	.0001	.0007	.014	.0003	.0014	.0003	.0007
%RSD	.3052	1.348	.0844	.2279	16.91	.1575	72.29	.3227	26.67	12.25
#1	75.61	954.0	2.187	.0221	.0035	8.652	.0006	.4343	.0012	.0054
#2	75.93	972.3	2.184	.0220	.0044	8.632	.0002	.4362	.0008	.0064

Elem	Zr3391
Avg	.0026
Stddev	.0001
%RSD	4.273
#1	.0026
#2	.0027

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	60212.	16444.	1753.8	4493.1
Stddev	2911.	119.	1.1	5.8
%RSD	4.8350	.72432	.06132	.12961
#1	62270.	16528.	1754.6	4497.2
#2	58153.	16360.	1753.0	4489.0

Zoom In Zoom Out

Sample Name: mp55428-s2 Acquired: 11/2/2010 15:56:20 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	2.050	.0484	.0560	.4841	.1913	.2486	1.601	.5167	.0583	.4751
Stddev	.019	.0005	.0002	.0001	.0016	.0002	.009	.0001	.0004	.0021
%RSD	.9144	.9494	.2794	.0283	.8244	.0992	.5279	.0153	.6441	.4379
#1	2.063	.0487	.0561	.4840	.1924	.2484	1.607	.5167	.0580	.4766
#2	2.036	.0481	.0559	.4842	.1902	.2488	1.595	.5168	.0586	.4736

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4896	2.167	1.871	.4944	2.178	.5427	1.997	50.56	1.405	86.89
Stddev	.0008	.001	.003	.0008	.003	.0001	.016	.94	.018	1.57
%RSD	.1561	.0598	.1328	.1713	.1404	.0169	.7833	1.859	1.248	1.809
#1	.4890	2.168	1.872	.4938	2.176	.5426	2.008	51.22	1.417	88.00
#2	.4901	2.166	1.869	.4950	2.180	.5427	1.986	49.89	1.393	85.78

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	78.61	973.2	2.266	.0224	.0040	9.004	-.0002	.4559	.0012	.0050
Stddev	.47	33.7	.003	.0003	.0003	.010	.0004	.0043	.0004	.0002
%RSD	.5996	3.465	.1246	1.205	7.552	.1121	150.8	.9479	34.33	3.801
#1	78.94	997.1	2.264	.0222	.0038	8.997	.0000	.4590	.0009	.0051
#2	78.28	949.4	2.268	.0226	.0042	9.012	-.0005	.4529	.0015	.0049

Elem	Zr3391
Avg	.0018
Stddev	.0002
%RSD	10.69
#1	.0016
#2	.0019

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	61517.	16242.	1732.4	4447.0
Stddev	118.	199.	2.0	.0
%RSD	.19104	1.2280	.11501	.00004
#1	61600.	16101.	1733.8	4447.0
#2	61433.	16383.	1731.0	4447.0

Zoom In Zoom Out

Sample Name: mp-029-225-lcwconf Acquired: 11/2/2010 16:02:14 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.4793	.4649	.4757	.4875	.4710	.4452	.4867	.4725	.1860	.4610
Stddev	.0004	.0010	.0001	.0010	.0028	.0012	.0025	.0005	.0005	.0024
%RSD	.0926	.2109	.0146	.2062	.5875	.2731	.5204	.1118	.2491	.5193
#1	.4789	.4642	.4756	.4882	.4690	.4444	.4849	.4729	.1857	.4593
#2	.4796	.4656	.4757	.4868	.4730	.4461	.4885	.4722	.1864	.4627

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4760	.4611	.4715	.4610	.4658	.4674	4.556	5.040	5.262	4.843
Stddev	.0014	.0010	.0020	.0003	.0019	.0006	.025	.018	.007	.004
%RSD	.2860	.2259	.4151	.0597	.4072	.1309	.5459	.3466	.1383	.0866
#1	.4750	.4619	.4729	.4608	.4671	.4678	4.538	5.027	5.257	4.840
#2	.4769	.4604	.4701	.4612	.4644	.4669	4.574	5.052	5.267	4.845

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	9.489	9.567	.0051	.4876	.0060	.0657	.0014	.0002	.4597	.0120
Stddev	.066	.035	.0007	.0009	.0001	.0016	.0006	.0000	.0032	.0002
%RSD	.6943	.3626	12.84	.1889	1.914	2.409	40.41	8.845	.6897	1.774
#1	9.443	9.543	.0056	.4882	.0059	.0669	.0018	.0002	.4575	.0121
#2	9.536	9.592	.0047	.4869	.0061	.0646	.0010	.0002	.4620	.0118

Elem	Zr3391
Avg	.0087
Stddev	.0006
%RSD	6.341
#1	.0091
#2	.0083

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69156.	16980.	2025.6	5736.4
Stddev	26.	33.	9.2	14.5
%RSD	.03804	.19411	.45555	.25276
#1	69137.	17003.	2019.1	5726.2
#2	69175.	16956.	2032.1	5746.7

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/2/2010 16:08:04 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0001	.0003	-.0003	.0000	-.0009	-.0022	-.0001	.0008	.0001	.0002
Stddev	.0001	.0000	.0000	.0001	.0001	.0004	.0000	.0001	.0001	.0001
%RSD	55.06	.3271	1.749	271.0	13.11	19.66	33.94	15.00	116.0	42.38
#1	.0001	.0003	-.0003	.0001	-.0010	-.0025	-.0001	.0009	.0002	.0002
#2	.0002	.0003	-.0003	.0000	-.0008	-.0019	.0000	.0007	.0000	.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0001	.0014	-.0003	.0010	-.0022	.0004	-.0038	.0002	-.0003	-.0047
Stddev	.0000	.0002	.0002	.0002	.0004	.0001	.0041	.0007	.0009	.0091
%RSD	46.29	11.41	64.05	17.76	18.21	19.02	109.4	265.9	265.9	192.9
#1	.0001	.0015	-.0005	.0009	-.0019	.0004	-.0009	.0007	.0003	-.0112
#2	.0000	.0013	-.0002	.0011	-.0025	.0003	-.0067	-.0002	-.0010	.0017

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0236	-.0180	-.0261	-.0154	.0016	-.0102	.0007	.0000	.0005	-.0068
Stddev	.0043	.0004	.0002	.0001	.0006	.0006	.0001	.000	.0002	.0002
%RSD	18.34	2.471	.9094	.8009	36.08	6.204	12.40	79.13	38.00	2.262
#1	-.0267	-.0183	-.0259	-.0155	.0012	-.0098	.0008	.0000	.0007	-.0067
#2	-.0205	-.0177	-.0262	-.0153	.0020	-.0107	.0006	-.0001	.0004	-.0069

Elem	Zr3391
Avg	-.0001
Stddev	.0001
%RSD	193.8
#1	.0000
#2	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	*****	30479.	8049.4	19899.
Stddev	-----	129.	28.3	70.
%RSD	-----	.42311	.35128	.35094
#1	212860.	30388.	8069.4	19949.
#2	-----	30570.	8029.4	19850.

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/2/2010 16:14:08 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0002	.0004	-.0003	.0000	-.0010	-.0018	-.0001	.0009	-.0002	.0000
Stddev	.0002	.0001	.0000	.000	.0001	.0007	.0000	.0001	.0001	.000
%RSD	71.86	22.91	2.910	94.67	11.55	39.75	7.621	12.78	46.81	136.8
#1	.0001	.0003	-.0003	.0000	-.0009	-.0023	-.0001	.0009	-.0001	.0000
#2	.0003	.0005	-.0003	.0000	-.0011	-.0013	-.0001	.0008	-.0003	-.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0001	.0013	.0000	.0009	-.0020	.0001	-.0042	.0009	-.0003	.0046
Stddev	.0001	.0002	.0000	.0001	.0001	.0000	.0020	.0007	.0001	.0011
%RSD	53.67	11.90	120.7	8.637	3.734	75.09	47.07	76.32	17.80	23.90
#1	.0001	.0014	.0000	.0008	-.0019	.0000	-.0028	.0004	-.0003	.0038
#2	.0002	.0012	.0001	.0009	-.0020	.0001	-.0056	.0014	-.0004	.0054

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0499	-.0200	-.0259	-.0152	.0009	-.0102	.0005	-.0001	.0004	-.0067
Stddev	.0055	.0013	.0004	.0000	.0005	.0008	.0000	.0001	.0003	.0002
%RSD	10.98	6.396	1.691	.0270	49.20	7.689	4.373	75.95	65.91	2.586
#1	-.0538	-.0191	-.0255	-.0152	.0012	-.0097	.0005	.0000	.0006	-.0068
#2	-.0461	-.0209	-.0262	-.0152	.0006	-.0108	.0006	-.0001	.0002	-.0066

Elem	Zr3391
Avg	-.0001
Stddev	.0002
%RSD	156.6
#1	.0000
#2	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	*****	29703.	7965.0	19718.
Stddev	-----	578.	12.6	22.
%RSD	-----	1.9448	.15868	.11010
#1	200160.	30112.	7974.0	19733.
#2	-----	29295.	7956.1	19702.

Zoom In Zoom Out

Sample Name: ja59572-1 2 Acquired: 11/2/2010 16:20:12 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1845	.0029	-.0004	.0189	.1347	.1021	.5682	.0527	.0046	.3616
Stddev	.0000	.0000	.0002	.0000	.0002	.0004	.0017	.0003	.0000	.0019
%RSD	.0197	.0587	62.44	.0845	.1647	.4119	.3012	.6248	.9087	.5265
#1	.1844	.0029	-.0005	.0189	.1345	.1018	.5670	.0525	.0046	.3602
#2	.1845	.0029	-.0002	.0189	.1348	.1024	.5694	.0530	.0047	.3629

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.3412	.1162	-.0026	.2094	.0036	.0008	54.85	6.401	234.6	4.967
Stddev	.0005	.0000	.0016	.0001	.0001	.0003	.15	.028	.8	.004
%RSD	.1563	.0328	63.85	.0383	3.691	41.13	.2743	.4379	.3384	.0716
#1	.3408	.1162	-.0014	.2093	.0036	.0010	54.75	6.381	234.0	4.964
#2	.3416	.1162	-.0037	.2095	.0035	.0005	54.96	6.420	235.2	4.969

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	7.775	.2521	.0845	.0107	-.0055	2.100	.0174	.0493	.7881	.0037
Stddev	.028	.0070	.0002	.0001	.0009	.001	.0008	.0003	.0002	.0001
%RSD	.3603	2.782	.2534	1.209	16.35	.0264	4.840	.6140	.0242	2.899
#1	7.755	.2571	.0843	.0106	-.0062	2.100	.0169	.0491	.7880	.0038
#2	7.795	.2472	.0846	.0108	-.0049	2.101	.0180	.0496	.7883	.0036

Elem	Zr3391
Avg	.0323
Stddev	.0000
%RSD	.1066
#1	.0324
#2	.0323

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71143.	17539.	2093.2	5728.6
Stddev	42.	67.	13.3	22.1
%RSD	.05956	.37995	.63760	.38526
#1	71173.	17586.	2102.6	5744.3
#2	71113.	17492.	2083.7	5713.0

Zoom In Zoom Out

Sample Name: ja58468-8aundconf Acquired: 11/2/2010 16:26:07 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0861	.0013	.0109	-.0004	.0105	.1194	.0039	.0095	.0011	.0007
Stddev	.0007	.0001	.0001	.0009	.0000	.0010	.0001	.0002	.0003	.0001
%RSD	.7724	10.92	.6994	243.0	.4185	.8702	3.321	2.045	30.72	14.59
#1	.0866	.0014	.0108	.0003	.0105	.1202	.0040	.0097	.0008	.0007
#2	.0857	.0012	.0109	-.0010	.0104	.1187	.0038	.0094	.0013	.0006

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	2.684	.0113	-.0050	42.64	.0151	-.0021	.0303	828.5	.2714	.0792
Stddev	.017	.0004	.0012	.23	.0017	.0016	.0040	10.1	.0069	.0099
%RSD	.6226	3.587	24.25	.5285	11.20	75.00	13.11	1.214	2.527	12.48
#1	2.672	.0110	-.0041	42.48	.0139	-.0010	.0275	835.6	.2762	.0862
#2	2.696	.0116	-.0059	42.80	.0162	-.0032	.0331	821.4	.2665	.0722

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	1042.	1175.	.2108	.1159	-.0176	.5941	.0014	1.607	.0074	-.0029
Stddev	22.	10.	.0008	.0019	.0002	.0077	.0010	.011	.0001	.0010
%RSD	2.128	.8124	.4032	1.607	.9352	1.302	72.55	.6635	1.647	36.24
#1	1057.	1182.	.2102	.1146	-.0175	.5996	.0021	1.615	.0073	-.0021
#2	1026.	1169.	.2114	.1172	-.0177	.5886	.0007	1.600	.0074	-.0036

Elem	Zr3391
Avg	.0031
Stddev	.0006
%RSD	17.83
#1	.0035
#2	.0027

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	61655.	15858.	1748.7	4531.7
Stddev	67.	108.	4.9	14.6
%RSD	.10814	.68030	.27891	.32180
#1	61702.	15781.	1752.1	4542.0
#2	61607.	15934.	1745.2	4521.4

Zoom In Zoom Out

Sample Name: ja59872-1 Acquired: 11/2/2010 16:32:23 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.8560	.0144	.0008	.1563	2.642	.6311	2.235	.7173	.0064	1.743
Stddev	.0036	.0001	.0000	.0002	.023	.0100	.021	.0033	.0003	.016
%RSD	.4253	.8622	5.054	.1272	.8865	1.591	.9278	.4655	5.048	.9422
#1	.8585	.0145	.0008	.1562	2.658	.6382	2.250	.7150	.0062	1.755
#2	.8534	.0143	.0007	.1564	2.625	.6240	2.220	.7197	.0066	1.732

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.423	.2649	-.0087	.5278	.0014	.0200	146.8	93.63	272.0	45.04
Stddev	.004	.0002	.0012	.0018	.0009	.0001	.7	.12	.5	.07
%RSD	.2778	.0610	13.48	.3447	65.88	.7221	.4671	.1241	.1814	.1665
#1	1.420	.2650	-.0079	.5265	.0007	.0199	147.3	93.71	272.3	45.10
#2	1.425	.2648	-.0096	.5291	.0020	.0201	146.3	93.55	271.6	44.99

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	15.71	9.565	.2342	.0342	-.0019	8.765	.0557	.7700	9.777	.0179
Stddev	.12	.060	.0018	.0005	.0012	.020	.0006	.0038	.116	.0002
%RSD	.7495	.6259	.7471	1.597	61.57	.2323	1.165	.4931	1.186	1.352
#1	15.80	9.608	.2330	.0339	-.0027	8.750	.0562	.7727	9.859	.0181
#2	15.63	9.523	.2355	.0346	-.0011	8.779	.0552	.7673	9.695	.0177

Elem	Zr3391
Avg	.1184
Stddev	.0007
%RSD	.6258
#1	.1190
#2	.1179

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71644.	18146.	2077.5	5185.5
Stddev	778.	75.	4.4	16.9
%RSD	1.0855	.41072	.21071	.32540
#1	71094.	18093.	2080.6	5197.5
#2	72194.	18198.	2074.4	5173.6

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 16:38:16 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.079	2.029	2.083	2.098	2.059	2.001	2.121	2.080	.2566	2.125
Stddev	.003	.005	.001	.001	.001	.003	.004	.001	.0008	.005
%RSD	.1535	.2461	.0416	.0406	.0225	.1276	.2056	.0591	.3068	.2270
#1	2.082	2.025	2.084	2.097	2.059	2.002	2.118	2.081	.2560	2.122
#2	2.077	2.032	2.083	2.099	2.059	1.999	2.124	2.079	.2571	2.129
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.086	2.052	2.096	2.075	2.068	2.060	39.64	39.87	40.71	39.76
Stddev	.002	.002	.000	.003	.002	.001	.11	.21	.07	.17
%RSD	.1083	.0985	.0210	.1296	.1147	.0490	.2658	.5199	.1754	.4336
#1	2.085	2.050	2.096	2.073	2.067	2.061	39.56	39.73	40.66	39.64
#2	2.088	2.053	2.095	2.076	2.070	2.059	39.71	40.02	40.76	39.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.68	41.03	2.077	2.089	2.047	5.164	2.106	2.113	2.009	2.061
Stddev	.05	.11	.001	.000	.002	.003	.002	.003	.006	.010
%RSD	.1345	.2596	.0339	.0189	.0944	.0634	.0914	.1236	.2942	.4922
#1	40.64	41.11	2.076	2.089	2.045	5.166	2.104	2.115	2.013	2.054
#2	40.72	40.95	2.077	2.089	2.048	5.161	2.107	2.111	2.004	2.069
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 16:38:16 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.097
Stddev	.005
%RSD	.2417
#1	2.093
#2	2.100
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	67922.	16796.	2016.8	5444.0
Stddev	110.	6.	2.0	3.0
%RSD	.16256	.03863	.09787	.05507
#1	67843.	16800.	2015.5	5441.9
#2	68000.	16791.	2018.2	5446.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 16:44:04 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022	F.0018	F.0007	.0004	.0008	.0005	.0012	.0006	.0002
Stddev	.0007	.0004	.0003	.0002	.0002	.0000	.0002	.0000	.0001
%RSD	32.69	23.12	43.55	45.79	26.55	7.356	19.33	5.496	21.08
#1	.0027	.0021	.0009	.0005	.0010	.0005	.0013	.0006	.0003
#2	.0017	.0015	.0005	.0002	.0007	.0005	.0010	.0005	.0002
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.0010	.0006						
Low Limit		-.0010	-.0006						

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	.0008	.0006	.0018	.0003	.0014	.0006	F.0462	.0561
Stddev	.0001	.0002	.0003	.0001	.0003	.0007	.0003	.0102	.0123
%RSD	5.023	31.25	41.14	4.405	109.1	50.69	39.15	22.09	21.87
#1	.0012	.0009	.0008	.0018	.0005	.0019	.0008	.0534	.0648
#2	.0013	.0006	.0004	.0019	.0001	.0009	.0005	.0390	.0474
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit								.0246	
Low Limit								-.0246	

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0689	.0380	.1581	.1099	-.0022	.0017	.0021	.0026	.0013
Stddev	.0129	.0121	.0323	.0328	.0006	.0004	.0003	.0009	.0000
%RSD	18.72	31.70	20.45	29.88	25.09	23.58	12.12	34.63	1.155
#1	.0780	.0466	.1810	.1331	-.0018	.0020	.0023	.0032	.0013
#2	.0598	.0295	.1352	.0867	-.0026	.0014	.0019	.0020	.0013
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 16:44:04 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F.0021	F.0017	.0137	F.0015
Stddev	.0005	.0001	.0005	.0001
%RSD	24.15	8.937	3.673	7.110
#1	.0025	.0016	.0140	.0016
#2	.0018	.0018	.0133	.0014
Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Fail
High Limit	.0010	.0010		.0012
Low Limit	-.0010	-.0010		-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71046.	17085.	2124.3	5996.4
Stddev	106.	15.	3.0	11.1
%RSD	.14902	.09063	.14346	.18460
#1	70971.	17074.	2126.5	6004.2
#2	71121.	17096.	2122.2	5988.6

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/2/2010 16:53:41 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	2.079	2.031	2.080	2.093	2.049	1.985	2.113	2.079	.2555	2.114
Stddev	.007	.001	.003	.001	.002	.003	.002	.004	.0009	.001
%RSD	.3212	.0284	.1651	.0500	.1130	.1423	.0705	.2038	.3442	.0294
#1	2.084	2.031	2.083	2.092	2.047	1.983	2.115	2.076	.2562	2.114
#2	2.074	2.030	2.078	2.094	2.051	1.987	2.112	2.082	.2549	2.113

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	2.083	2.043	2.093	2.068	2.059	2.051	39.52	39.88	40.81	39.97
Stddev	.001	.002	.001	.001	.000	.001	.04	.03	.03	.01
%RSD	.0687	.0711	.0578	.0481	.0079	.0572	.1006	.0695	.0758	.0299
#1	2.082	2.044	2.093	2.067	2.059	2.050	39.55	39.86	40.78	39.98
#2	2.084	2.042	2.092	2.068	2.059	2.052	39.50	39.90	40.83	39.97

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	40.73	41.15	2.067	2.087	2.039	5.151	2.103	2.114	2.000	2.063
Stddev	.11	.09	.001	.002	.006	.006	.001	.005	.000	.011
%RSD	.2622	.2067	.0597	.0717	.2953	.1231	.0530	.2245	.0203	.5191
#1	40.80	41.21	2.067	2.088	2.043	5.155	2.103	2.118	2.000	2.055
#2	40.65	41.09	2.066	2.086	2.035	5.146	2.102	2.111	2.000	2.070

Elem	Zr3391
Avg	2.095
Stddev	.002
%RSD	.0844
#1	2.097
#2	2.094

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	68198.	16767.	2026.7	5466.6
Stddev	78.	8.	3.2	2.3
%RSD	.11470	.04647	.15603	.04156
#1	68254.	16762.	2024.4	5465.0
#2	68143.	16773.	2028.9	5468.3

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/2/2010 16:59:30 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0026	.0023	.0004	.0002	.0010	.0008	.0016	.0007	.0002	.0020
Stddev	.0004	.0003	.0002	.0003	.0001	.0002	.0001	.0006	.0002	.0007
%RSD	15.51	14.70	59.71	150.4	11.26	29.51	5.614	83.76	102.3	34.70
#1	.0029	.0025	.0006	.0003	.0009	.0010	.0016	.0012	.0000	.0024
#2	.0023	.0021	.0002	.0000	.0010	.0006	.0015	.0003	.0003	.0015

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0005	.0004	.0016	.0006	.0006	.0000	.0477	.0550	.0572	.0507
Stddev	.0003	.0008	.0000	.0004	.0008	.0013	.0035	.0089	.0048	.0074
%RSD	58.33	214.8	2.214	78.72	119.4	6208.	7.291	16.10	8.439	14.66
#1	.0008	.0009	.0016	.0009	.0012	.0009	.0502	.0612	.0606	.0560
#2	.0003	-.0002	.0015	.0003	.0001	-.0009	.0453	.0487	.0538	.0455

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.1374	.1347	-.0024	.0018	.0017	.0018	.0008	.0025	.0017	.0180
Stddev	.0145	.0256	.0005	.0008	.0005	.0009	.0002	.0004	.0005	.0019
%RSD	10.54	19.04	22.42	44.96	30.51	46.67	26.01	16.09	27.63	10.64
#1	.1476	.1528	-.0020	.0023	.0020	.0025	.0009	.0028	.0020	.0194
#2	.1271	.1165	-.0028	.0012	.0013	.0012	.0006	.0022	.0014	.0167

Elem	Zr3391
Avg	.0016
Stddev	.0003
%RSD	18.20
#1	.0019
#2	.0014

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71173.	17108.	2128.4	6006.6
Stddev	58.	104.	1.8	7.1
%RSD	.08167	.60609	.08441	.11852
#1	71214.	17034.	2127.1	6001.5
#2	71132.	17181.	2129.7	6011.6

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 17:10:12 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.061	2.027	2.069	2.090	2.043	1.973	2.103	2.073	.2555	2.097
Stddev	.004	.004	.002	.001	.002	.004	.002	.005	.0002	.001
%RSD	.1768	.2029	.1147	.0464	.1027	.2104	.0776	.2492	.0636	.0243
#1	2.058	2.030	2.067	2.090	2.042	1.970	2.104	2.069	.2554	2.097
#2	2.063	2.024	2.071	2.091	2.045	1.976	2.102	2.077	.2557	2.097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.082	2.046	2.085	2.071	2.062	2.054	39.32	39.74	40.53	39.76
Stddev	.000	.002	.006	.002	.002	.002	.07	.19	.01	.04
%RSD	.0046	.1088	.3097	.0720	.0799	.1179	.1803	.4710	.0243	.0932
#1	2.082	2.044	2.081	2.070	2.061	2.052	39.37	39.87	40.52	39.78
#2	2.082	2.047	2.090	2.072	2.064	2.056	39.27	39.61	40.53	39.73
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.52	41.02	2.070	2.074	2.029	5.128	2.095	2.104	2.010	2.076
Stddev	.07	.01	.004	.006	.005	.015	.003	.002	.006	.007
%RSD	.1810	.0232	.2117	.2689	.2560	.2856	.1583	.0692	.2763	.3553
#1	40.57	41.01	2.066	2.070	2.026	5.118	2.092	2.103	2.006	2.070
#2	40.47	41.03	2.073	2.078	2.033	5.139	2.097	2.105	2.014	2.081
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 17:10:12 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.076
Stddev	.001
%RSD	.0669
#1	2.075
#2	2.077
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68067.	16922.	2024.5	5453.1
Stddev	340.	68.	.9	4.3
%RSD	.49973	.39985	.04612	.07876
#1	68308.	16874.	2025.2	5456.2
#2	67827.	16969.	2023.9	5450.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 17:16:01 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	.0010	.0004	.0004	.0004	.0005	.0009	.0007	.0000
Stddev	.0001	.0001	.0001	.0001	.0003	.0003	.0001	.0000	.000
%RSD	5.469	9.002	14.74	16.49	78.36	53.94	9.068	3.176	320.8
#1	.0012	.0010	.0004	.0003	.0006	.0003	.0010	.0007	.0000
#2	.0011	.0009	.0004	.0004	.0002	.0007	.0009	.0007	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	.0007	.0008	F.0021	.0006	.0004	.0010	.0149	.0218
Stddev	.0000	.0001	.0009	.0001	.0007	.0011	.0003	.0009	.0021
%RSD	2.029	9.447	120.4	3.698	115.9	272.0	28.95	6.122	9.791
#1	.0012	.0006	.0001	.0021	.0001	.0012	.0012	.0143	.0233
#2	.0012	.0007	.0015	.0022	.0012	-.0004	.0008	.0156	.0203
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0020					
Low Limit				-.0020					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0210	.0223	.0680	.0259	-.0018	.0020	.0017	.0022	.0012
Stddev	.0005	.0120	.0005	.0032	.0002	.0004	.0000	.0002	.0000
%RSD	2.474	53.77	.6740	12.42	8.796	21.92	1.932	10.19	4.075
#1	.0213	.0308	.0677	.0281	-.0017	.0023	.0017	.0023	.0012
#2	.0206	.0138	.0683	.0236	-.0019	.0017	.0017	.0020	.0011
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 17:16:01 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F.0011	.0009	F.0205	F.0013
Stddev	.0001	.0000	.0012	.0001
%RSD	12.23	2.574	5.764	4.609
#1	.0011	.0008	.0213	.0014
#2	.0010	.0009	.0197	.0013
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Fail
High Limit	.0010		.0165	.0012
Low Limit	-.0010		-.0165	-.0012
Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	70841.	17109.	2121.8	5991.7
Stddev	242.	12.	3.3	11.6
%RSD	.34207	.06800	.15752	.19283
#1	71013.	17101.	2124.1	5999.8
#2	70670.	17117.	2119.4	5983.5

Zoom In Zoom Out

Sample Name: icsa Acquired: 11/2/2010 17:22:05 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0052	.0010	-.0015	-.0005	.0014	.0020	-.0048	.0049
Stddev	.0001	.0000	.0001	.0003	.0003	.0005	.0001	.0001
%RSD	2.469	3.836	9.764	64.66	22.45	23.13	2.483	2.488
#1	-.0051	.0010	-.0014	-.0003	.0016	.0023	-.0049	.0050
#2	-.0053	.0009	-.0016	-.0007	.0011	.0017	-.0047	.0048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Ag3280	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028	.0339	-.0022	-.0004	F-.0066	.0025	-.0014	.0004
Stddev	.0001	.0005	.0001	.0034	.0035	.0008	.0047	.0006
%RSD	1.838	1.561	6.706	947.8	53.03	31.82	333.9	147.7
#1	.0027	.0335	-.0023	-.0028	-.0041	.0031	.0019	.0000
#2	.0028	.0343	-.0021	.0021	-.0091	.0020	-.0047	.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit					.0040			
Low Limit					-.0040			

Elem	Al3961	Ca3179	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	489.2	365.9	188.1	510.0	.0755	.0392	.0777	-.0101
Stddev	1.2	1.2	.4	.9	.0064	.0001	.0006	.0005
%RSD	.2527	.3208	.1963	.1799	8.430	.1826	.7336	4.777
#1	490.0	366.7	188.3	510.6	.0800	.0392	.0781	-.0104
#2	488.3	365.1	187.8	509.3	.0710	.0393	.0773	-.0098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Zoom In Zoom Out

Sample Name: icsa Acquired: 11/2/2010 17:22:05 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0114	-.0430	-.0034	-.0039	.0048	.0260	-.0017
Stddev	.0009	.0018	.0006	.0000	.0000	.0003	.0002
%RSD	8.325	4.258	16.49	.6679	.1986	1.030	11.66
#1	-.0121	-.0417	-.0038	-.0039	.0048	.0262	-.0018
#2	-.0107	-.0443	-.0030	-.0040	.0048	.0259	-.0015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							
Int. Std.	Y_3600	Y_3710	Y_2243	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	61905.	16189.	1828.0	4684.9			
Stddev	209.	10.	2.2	2.5			
%RSD	.33700	.06359	.11801	.05334			
#1	62053.	16181.	1829.6	4686.6			
#2	61758.	16196.	1826.5	4683.1			

Zoom In / Zoom Out

Sample Name: ICSAB Acquired: 11/2/2010 17:28:12 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5211	.4918	1.081	.4918	.5092	.5281	.5107	1.025	1.140	.5229
Stddev	.0015	.0004	.001	.0017	.0003	.0003	.0001	.002	.001	.0008
%RSD	.2959	.0823	.0951	.3454	.0619	.0602	.0156	.1539	.0678	.1533
#1	.5222	.4921	1.082	.4930	.5090	.5283	.5106	1.024	1.140	.5235
#2	.5200	.4915	1.080	.4906	.5095	.5279	.5107	1.026	1.139	.5224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9562	1.071	1.005	1.027	1.048	1.090	503.5	375.4	191.3	514.7
Stddev	.0006	.003	.003	.002	.002	.002	4.2	.5	.4	.6
%RSD	.0611	.2846	.2457	.2174	.1946	.1645	.8357	.1235	.2178	.1101
#1	.9566	1.073	1.004	1.025	1.046	1.091	500.5	375.1	191.5	515.1
#2	.9557	1.069	1.007	1.028	1.049	1.089	506.5	375.8	191.0	514.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0677	.0503	.0795	.5033	.5694	-.0326	-.0034	-.0042	.0052	.5453
Stddev	.0008	.0041	.0024	.0004	.0022	.0000	.0001	.0001	.0001	.0011
%RSD	1.176	8.070	3.011	.0847	.3807	.0110	3.113	1.212	1.945	.1946
#1	.0683	.0475	.0812	.5036	.5709	-.0326	-.0033	-.0041	.0053	.5445
#2	.0672	.0532	.0778	.5030	.5679	-.0326	-.0035	-.0042	.0051	.5461
Check ?	None	None	None	Chk Pass	Chk Pass	None	None	None	None	Chk Pass
Value										
Range										

Zoom In / Zoom Out

Sample Name: ICSAB Acquired: 11/2/2010 17:28:12 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	.4760
Stddev	.0061
%RSD	1.276
#1	.4717
#2	.4803
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	61884.	16100.	1813.4	4646.0
Stddev	41.	35.	2.7	1.3
%RSD	.06669	.21547	.14751	.02899
#1	61854.	16075.	1811.5	4645.0
#2	61913.	16124.	1815.2	4646.9

Zoom In / Zoom Out

Sample Name: ja59572-1 Acquired: 11/2/2010 17:34:13 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1781	.0032	-.0003	.0187	.1323	.0991	.5574	.0516	.0043	.3550
Stddev	.0000	.0001	.0003	.0002	.0005	.0004	.0021	.0001	.0001	.0016
%RSD	.0039	2.264	89.46	.9097	.3431	.4219	.3797	.1847	2.916	.4581
#1	.1781	.0032	-.0001	.0188	.1327	.0988	.5588	.0516	.0044	.3561
#2	.1781	.0031	-.0005	.0186	.1320	.0994	.5559	.0515	.0042	.3538

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.3375	.1156	-.0006	.2072	.0006	.0016	53.26	6.604	230.0	5.283
Stddev	.0004	.0009	.0009	.0007	.0001	.0004	.07	.059	.3	.075
%RSD	.1041	.7882	145.1	.3362	12.88	26.30	.1393	.8997	.1491	1.413
#1	.3377	.1149	.0000	.2077	.0006	.0019	53.31	6.646	230.3	5.336
#2	.3372	.1162	-.0012	.2067	.0005	.0013	53.21	6.562	229.8	5.230

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	7.525	.2117	.0842	.0118	-.0059	1.991	.0176	.0480	.7796	.0106
Stddev	.032	.0007	.0002	.0000	.0004	.005	.0005	.0000	.0051	.0004
%RSD	.4263	.3080	.2589	.2783	6.490	.2313	2.937	.0411	.6489	3.758
#1	7.503	.2122	.0840	.0118	-.0062	1.994	.0180	.0480	.7832	.0109
#2	7.548	.2113	.0843	.0119	-.0056	1.987	.0173	.0479	.7760	.0103

Elem	Zr3391
Avg	.0532
Stddev	.0023
%RSD	4.339
#1	.0549
#2	.0516

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70709.	17630.	2092.0	5715.9
Stddev	164.	17.	10.1	5.1
%RSD	.23236	.09799	.48384	.08889
#1	70593.	17617.	2099.2	5719.5
#2	70825.	17642.	2084.8	5712.3

Zoom In / Zoom Out

Sample Name: ja59872-1 Acquired: 11/2/2010 17:40:06 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.8488	.0146	.0007	.1587	2.705	.6333	2.266	.7300	.0045	1.758
Stddev	.0036	.0000	.0002	.0015	.005	.0040	.001	.0076	.0002	.003
%RSD	.4266	.2627	26.11	.9328	.1705	.6371	.0367	1.043	5.074	.1951
#1	.8514	.0147	.0008	.1597	2.708	.6304	2.267	.7353	.0046	1.756
#2	.8463	.0146	.0006	.1576	2.702	.6361	2.265	.7246	.0043	1.761

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.462	.2696	-.0088	.5422	.0003	.0209	147.3	95.63	274.9	45.98
Stddev	.016	.0010	.0037	.0061	.0002	.0003	.7	.04	.2	.01
%RSD	1.076	.3653	41.95	1.116	55.93	1.274	.4991	.0416	.0899	.0159
#1	1.473	.2703	-.0114	.5464	.0002	.0207	147.8	95.65	275.0	45.99
#2	1.451	.2689	-.0062	.5379	.0004	.0211	146.8	95.60	274.7	45.98

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	15.70	9.618	.2398	.0363	-.0023	8.734	.0559	.7706	10.09	.0229
Stddev	.08	.055	.0042	.0015	.0005	.118	.0005	.0035	.02	.0007
%RSD	.5410	.5735	1.744	4.129	20.59	1.353	.9840	.4527	.1641	3.267
#1	15.76	9.657	.2427	.0373	-.0020	8.818	.0555	.7731	10.08	.0234
#2	15.64	9.579	.2368	.0352	-.0026	8.651	.0562	.7681	10.10	.0224

Elem	Zr3391
Avg	.1301
Stddev	.0008
%RSD	.6076
#1	.1307
#2	.1296

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71707.	18271.	2087.0	5162.6
Stddev	244.	71.	21.7	57.0
%RSD	.34090	.38590	1.0389	1.1049
#1	71880.	18222.	2071.6	5122.2
#2	71534.	18321.	2102.3	5202.9

Zoom In Zoom Out

Sample Name: mp55447-lc1 Acquired: 11/2/2010 17:45:57 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.163	.6776	.3242	.6533	.4826	.4750	2.485	.6171	.2081	.3166
Stddev	.002	.0017	.0015	.0013	.0004	.0038	.001	.0005	.0001	.0002
%RSD	.1328	.2580	.4679	.1931	.0763	.7988	.0286	.0837	.0634	.0633
#1	1.162	.6764	.3232	.6524	.4829	.4723	2.486	.6174	.2082	.3164
#2	1.164	.6789	.3253	.6542	.4824	.4777	2.485	.6167	.2080	.3167

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.021	.6190	.7623	.6571	.9025	.3275	50.31	40.68	91.08	19.27
Stddev	.001	.0000	.0037	.0002	.0029	.0003	.11	.00	.06	.03
%RSD	.1240	.0074	.4789	.0293	.3218	.1056	.2143	.0046	.0658	.1359
#1	1.020	.6190	.7597	.6569	.9005	.3273	50.23	40.69	91.04	19.25
#2	1.022	.6190	.7649	.6572	.9046	.3278	50.38	40.68	91.13	19.29

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	23.03	2.925	.4198	.4009	.0050	2.528	.7003	1.062	2.242	.0029
Stddev	.07	.003	.0005	.0011	.0004	.004	.0019	.002	.005	.0004
%RSD	.2862	.0985	.1193	.2774	7.360	.1527	.2649	.1592	.2441	13.26
#1	22.98	2.923	.4195	.4001	.0053	2.526	.6990	1.061	2.238	.0026
#2	23.08	2.927	.4202	.4017	.0048	2.531	.7016	1.064	2.245	.0032

Elem	Zr3391
Avg	.0422
Stddev	.0001
%RSD	.1575
#1	.0422
#2	.0423

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72022.	17719.	2129.6	5681.0
Stddev	245.	9.	6.5	11.4
%RSD	.34047	.04995	.30526	.20019
#1	72195.	17726.	2134.2	5689.0
#2	71848.	17713.	2125.0	5672.9

Zoom In Zoom Out

Sample Name: mp55447-mb1 Acquired: 11/2/2010 17:51:45 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0005	.0000	.0000	-.0001	-.0005	.0011	.0012	.0005	-.0001	.0004
Stddev	.0000	.000	.000	.0001	.0000	.0001	.0001	.0000	.0001	.0000
%RSD	3.329	360.8	126.6	146.3	7.155	5.703	8.005	5.289	98.43	9.284
#1	.0005	.0000	-.0001	-.0001	-.0005	.0011	.0013	.0005	-.0001	.0004
#2	.0005	-.0001	.0000	.0000	-.0005	.0011	.0011	.0005	.0000	.0003

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0009	.0010	.0013	.0007	-.0004	.0007	.0599	.0434	.0829	.0238
Stddev	.0001	.0000	.0005	.0003	.0003	.0004	.0115	.0083	.0107	.0098
%RSD	9.550	1.395	38.04	51.92	64.50	56.58	19.15	19.10	12.89	41.31
#1	.0009	.0010	.0009	.0004	-.0002	.0010	.0680	.0492	.0904	.0308
#2	.0008	.0010	.0016	.0009	-.0007	.0004	.0518	.0375	.0753	.0169

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0257	-.0181	-.0054	-.0011	.0009	.0058	.0075	.0002	.0013	.0008
Stddev	.0090	.0002	.0000	.0001	.0005	.0001	.0006	.0001	.0001	.0002
%RSD	35.12	.9094	.2641	10.19	57.44	2.286	7.973	37.58	4.668	31.06
#1	.0321	-.0183	-.0054	-.0010	.0013	.0057	.0080	.0002	.0014	.0006
#2	.0193	-.0180	-.0054	-.0012	.0006	.0059	.0071	.0001	.0013	.0010

Elem	Zr3391
Avg	.0002
Stddev	.0003
%RSD	156.7
#1	.0004
#2	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72176.	17579.	2155.7	6101.5
Stddev	173.	107.	6.3	8.9
%RSD	.24018	.60976	.29440	.14574
#1	72298.	17503.	2160.2	6107.8
#2	72053.	17655.	2151.2	6095.2

Zoom In Zoom Out

Sample Name: mp55449-mb1 Acquired: 11/2/2010 17:57:49 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0003	-.0001	.0002	-.0001	.0000	-.0002	.0003	.0004	.0002	.0003
Stddev	.0000	.0000	.0002	.0001	.001	.0002	.0001	.0002	.0000	.0003
%RSD	6.485	2.058	104.8	114.1	1602.	73.16	16.49	60.12	25.85	127.0
#1	.0003	-.0001	.0003	-.0002	.0003	-.0001	.0004	.0002	.0001	.0005
#2	.0003	-.0001	.0000	.0000	-.0004	-.0004	.0003	.0006	.0002	.0000

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0008	.0008	.0014	-.0002	.0005	-.0002	.0259	.0219	.0406	.0170
Stddev	.0000	.0001	.0001	.0002	.0006	.0002	.0003	.0033	.0046	.0061
%RSD	2.385	14.71	4.520	80.33	109.8	68.01	1.164	15.22	11.45	36.10
#1	.0008	.0007	.0014	-.0003	.0001	-.0001	.0261	.0242	.0439	.0214
#2	.0008	.0009	.0015	-.0001	.0009	-.0004	.0257	.0195	.0373	.0127

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0040	-.0226	-.0049	-.0012	.0012	.0065	.0078	.0000	.0008	-.0006
Stddev	.0044	.0009	.0000	.0000	.0006	.0001	.0001	.0000	.0005	.0002
%RSD	109.9	4.117	.3780	2.672	49.22	1.110	1.483	31.63	60.72	42.47
#1	-.0071	-.0219	-.0049	-.0012	.0008	.0065	.0077	.0001	.0012	-.0004
#2	-.0009	-.0233	-.0049	-.0013	.0016	.0064	.0078	.0000	.0005	-.0007

Elem	Zr3391
Avg	.0003
Stddev	.0002
%RSD	59.57
#1	.0002
#2	.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72094.	17586.	2149.1	6087.8
Stddev	592.	23.	6.1	5.8
%RSD	.82164	.13154	.28299	.09537
#1	71675.	17602.	2153.4	6091.9
#2	72513.	17569.	2144.8	6083.6

Zoom In Zoom Out

Sample Name: mp55449-b1 Acquired: 11/2/2010 18:03:53 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	3.716	.0925	.0909	.9454	.3777	.4437	.9639	.9259	.0972	.8939
Stddev	.005	.0001	.0007	.0016	.0009	.0026	.0015	.0026	.0003	.0008
%RSD	.1252	.1316	.7182	.1642	.2436	.5791	.1504	.2823	.3216	.0869
#1	3.719	.0924	.0904	.9443	.3784	.4419	.9649	.9240	.0970	.8944
#2	3.713	.0926	.0914	.9465	.3771	.4456	.9628	.9277	.0974	.8933

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.9364	3.581	3.581	.9104	3.576	.9166	48.60	11.51	48.44	11.15
Stddev	.0017	.001	.005	.0028	.004	.0026	.02	.05	.11	.03
%RSD	.1813	.0220	.1428	.3126	.0976	.2812	.0460	.4589	.2305	.2376
#1	.9352	3.580	3.578	.9084	3.574	.9148	48.61	11.47	48.36	11.13
#2	.9376	3.581	3.585	.9124	3.579	.9185	48.58	11.54	48.52	11.17

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	11.82	12.06	.9149	.9406	.4687	1.818	.9403	.9728	.9346	.0136
Stddev	.03	.04	.0003	.0004	.0036	.003	.0008	.0010	.0015	.0008
%RSD	.2797	.3332	.0359	.0454	.7648	.1476	.0805	.1047	.1621	6.115
#1	11.85	12.09	.9147	.9403	.4662	1.816	.9409	.9735	.9357	.0142
#2	11.80	12.03	.9151	.9409	.4712	1.820	.9398	.9721	.9336	.0130

Elem	Zr3391
Avg	.0146
Stddev	.0008
%RSD	5.199
#1	.0151
#2	.0141

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	68888.	17151.	2062.4	5679.3
Stddev	84.	47.	6.2	12.4
%RSD	.12260	.27324	.30042	.21916
#1	68828.	17184.	2058.0	5670.5
#2	68948.	17118.	2066.8	5688.1

Zoom In Zoom Out

Sample Name: ja60290-1 Acquired: 11/2/2010 18:09:41 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.485	.0129	-.0015	.1357	.3749	.2482	4.187	.2277	.0021	.5672
Stddev	.006	.0001	.0001	.0009	.0006	.0010	.005	.0001	.0001	.0001
%RSD	.4051	.4584	6.511	.6582	.1535	.3943	.1143	.0263	7.103	.0192
#1	1.490	.0129	-.0016	.1350	.3753	.2475	4.183	.2277	.0022	.5672
#2	1.481	.0128	-.0014	.1363	.3745	.2489	4.190	.2278	.0020	.5673

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4504	.0602	-.0015	.1046	-.0039	.0092	355.3	1.622	269.4	45.37
Stddev	.0004	.0004	.0040	.0008	.0001	.0011	1.0	.005	.3	.08
%RSD	.0976	.7022	267.4	.7252	3.538	11.88	.2759	.3057	.1060	.1832
#1	.4500	.0599	.0013	.1051	-.0038	.0100	354.6	1.618	269.6	45.31
#2	.4507	.0605	-.0044	.1040	-.0040	.0084	356.0	1.625	269.2	45.43

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	42.30	10.20	.1166	.0013	.0048	4.013	.0320	.0463	9.629	.0116
Stddev	.09	.02	.0016	.0004	.0007	.016	.0010	.0000	.021	.0000
%RSD	.2191	.2378	1.356	30.28	13.69	.4046	3.223	.0894	.2158	.2392
#1	42.36	10.22	.1155	.0010	.0052	4.002	.0313	.0463	9.643	.0116
#2	42.23	10.19	.1177	.0016	.0043	4.025	.0328	.0463	9.614	.0117

Elem	Zr3391
Avg	.0734
Stddev	.0008
%RSD	1.096
#1	.0728
#2	.0740

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	67759.	17763.	2075.7	5323.6
Stddev	46.	8.	17.9	32.2
%RSD	.06767	.04603	.86291	.60535
#1	67791.	17757.	2088.4	5346.3
#2	67727.	17769.	2063.1	5300.8

Zoom In Zoom Out

Sample Name: ja60290-13 Acquired: 11/2/2010 18:15:38 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.366	.0152	-.0018	.1257	.3763	.2982	2.353	.2817	.0024	.8278
Stddev	.003	.0000	.0000	.0002	.0002	.0026	.002	.0001	.0001	.0003
%RSD	.1972	.0769	.9734	.1854	.0488	.8819	.0957	.0506	5.366	.0397
#1	1.364	.0152	-.0018	.1255	.3761	.2963	2.351	.2818	.0025	.8280
#2	1.368	.0152	-.0019	.1258	.3764	.3001	2.354	.2816	.0023	.8275

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4786	1.235	.0029	.0968	-.0064	.0107	345.8	1.254	247.9	51.12
Stddev	.0004	.002	.0015	.0007	.0031	.0011	3.5	.003	.5	.07
%RSD	.0876	.1891	52.10	.7315	49.52	10.56	1.021	.2222	.2148	.1315
#1	.4783	1.236	.0018	.0963	-.0086	.0115	343.3	1.252	247.5	51.08
#2	.4789	1.233	.0039	.0973	-.0041	.0099	348.3	1.256	248.2	51.17

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	49.15	.4351	.0839	-.0012	.0137	2.988	.0339	.0390	11.87	.0093
Stddev	.03	.0043	.0021	.0014	.0004	.002	.0001	.0000	.01	.0014
%RSD	.0627	.9797	2.505	117.2	3.036	.0592	.3767	.0909	.0891	14.83
#1	49.13	.4321	.0854	-.0002	.0140	2.987	.0340	.0390	11.86	.0103
#2	49.17	.4382	.0824	-.0022	.0134	2.989	.0338	.0390	11.88	.0083

Elem	Zr3391
Avg	.0617
Stddev	.0005
%RSD	.7790
#1	.0620
#2	.0613

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	67463.	17675.	2074.4	5391.4
Stddev	203.	80.	.8	.5
%RSD	.30077	.45238	.03644	.00840
#1	67607.	17731.	2073.8	5391.1
#2	67320.	17618.	2074.9	5391.8

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 18:21:35 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.024	2.017	2.033	2.082	2.048	1.951	2.084	2.046	.2535	2.070
Stddev	.001	.005	.001	.000	.005	.008	.005	.007	.0000	.006
%RSD	.0638	.2727	.0516	.0064	.2298	.3919	.2238	.3347	.0124	.2953
#1	2.023	2.021	2.033	2.082	2.044	1.946	2.081	2.051	.2536	2.065
#2	2.025	2.013	2.032	2.081	2.051	1.957	2.087	2.041	.2535	2.074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.090	2.039	2.053	2.068	2.049	2.049	39.06	39.95	40.39	39.81
Stddev	.001	.001	.008	.002	.002	.003	.08	.09	.00	.08
%RSD	.0676	.0346	.3775	.1033	.1095	.1504	.1948	.2182	.0031	.1891
#1	2.091	2.040	2.059	2.069	2.048	2.047	39.11	40.01	40.39	39.76
#2	2.089	2.039	2.048	2.066	2.051	2.052	39.01	39.89	40.39	39.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.45	40.68	2.062	2.033	2.008	5.028	2.074	2.085	2.034	2.077
Stddev	.06	.06	.005	.000	.011	.007	.004	.000	.004	.009
%RSD	.1476	.1434	.2650	.0086	.5247	.1373	.1953	.0214	.2213	.4143
#1	40.49	40.72	2.058	2.033	2.001	5.033	2.077	2.086	2.031	2.071
#2	40.41	40.64	2.066	2.033	2.016	5.023	2.071	2.085	2.038	2.083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 18:21:35 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.042
Stddev	.006
%RSD	.2841
#1	2.038
#2	2.046
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68226.	16956.	2044.6	5486.1
Stddev	138.	47.	3.4	3.3
%RSD	.20153	.27702	.16461	.06056
#1	68129.	16923.	2046.9	5488.5
#2	68323.	16990.	2042.2	5483.8

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 18:27:24 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	F.0012	.0005	.0003	.0003	.0005	.0011	.0008	-.0001
Stddev	.0002	.0002	.0003	.0003	.0003	.0001	.0002	.0006	.0001
%RSD	11.11	12.64	63.03	80.49	102.6	9.834	20.72	81.04	78.68
#1	.0016	.0014	.0007	.0005	.0006	.0006	.0012	.0012	-.0001
#2	.0014	.0011	.0003	.0001	.0001	.0005	.0009	.0003	-.0002
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.0010							
Low Limit		-.0010							

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0008	.0013	.0015	.0003	.0008	.0012	F.0518	.0213
Stddev	.0001	.0003	.0015	.0004	.0003	.0000	.0000	.0082	.0037
%RSD	7.765	30.46	113.6	25.62	75.92	5.303	.2498	15.76	17.46
#1	.0013	.0010	.0024	.0012	.0005	.0008	.0012	.0576	.0239
#2	.0015	.0006	.0003	.0017	.0002	.0007	.0012	.0460	.0186
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit								.0246	
Low Limit								-.0246	

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0524	.0225	.0928	.0134	-.0027	.0019	.0027	.0032	.0013
Stddev	.0042	.0022	.0104	.0063	.0007	.0005	.0005	.0007	.0006
%RSD	7.963	9.711	11.18	47.04	24.82	29.44	18.93	22.74	42.62
#1	.0554	.0241	.1002	.0179	-.0022	.0022	.0031	.0037	.0017
#2	.0495	.0210	.0855	.0090	-.0032	.0015	.0024	.0027	.0009
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 18:27:24 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F.0012	F.0020	.0154	.0012
Stddev	.0002	.0001	.0007	.0001
%RSD	14.57	6.037	4.772	7.119
#1	.0014	.0021	.0160	.0012
#2	.0011	.0019	.0149	.0011
Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Pass
High Limit	.0010	.0010		
Low Limit	-.0010	-.0010		

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71255.	17096.	2156.9	6056.2
Stddev	120.	20.	.2	1.1
%RSD	.16775	.11492	.00882	.01747
#1	71171.	17082.	2157.0	6057.0
#2	71340.	17110.	2156.8	6055.5

Zoom In Zoom Out

Sample Name: ja60290-16 Acquired: 11/2/2010 18:33:29 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.654	.0103	-.0017	.0992	.3144	.2170	3.060	.2184	.0014	.6308
Stddev	.000	.0001	.0002	.0002	.0003	.0002	.002	.0001	.0001	.0008
%RSD	.0120	1.029	14.80	.1555	.1067	.1115	.0706	.0428	9.432	.1338
#1	1.654	.0103	-.0015	.0991	.3142	.2168	3.062	.2184	.0015	.6314
#2	1.654	.0102	-.0018	.0993	.3147	.2172	3.059	.2185	.0013	.6302

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4004	.0660	-.0037	.0898	-.0038	.0068	294.4	5.289	265.8	36.70
Stddev	.0004	.0002	.0009	.0002	.0012	.0007	.0	.001	.5	.04
%RSD	.1109	.3236	23.04	.2329	32.04	10.22	.0052	.0211	.1917	.1063
#1	.4001	.0662	-.0043	.0897	-.0029	.0073	294.4	5.290	266.2	36.72
#2	.4007	.0659	-.0031	.0900	-.0046	.0063	294.4	5.288	265.5	36.67

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	32.45	.6638	.1059	.0058	.0052	4.057	.0295	.0776	8.208	.0142
Stddev	.02	.0006	.0005	.0004	.0013	.009	.0005	.0001	.013	.0010
%RSD	.0729	.0884	.4915	6.678	24.52	.2103	1.735	.0841	.1637	6.724
#1	32.44	.6643	.1056	.0055	.0061	4.051	.0299	.0776	8.217	.0135
#2	32.47	.6634	.1063	.0060	.0043	4.063	.0292	.0776	8.198	.0149

Elem	Zr3391
Avg	.0674
Stddev	.0006
%RSD	.9501
#1	.0669
#2	.0678

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69874.	18020.	2126.1	5388.2
Stddev	5.	70.	6.6	9.7
%RSD	.00759	.38640	.30907	.18052
#1	69878.	17970.	2130.7	5395.1
#2	69870.	18069.	2121.4	5381.4

Zoom In Zoom Out

Sample Name: ja60290-17 Acquired: 11/2/2010 18:39:22 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	3.295	.0217	-.0025	.1950	.5915	.4616	7.565	.4595	.0001	.9447
Stddev	.005	.0000	.0001	.0001	.0030	.0003	.016	.0000	.0000	.0002
%RSD	.1457	.2293	5.748	.0733	.5058	.0574	.2110	.0051	3.404	.0229
#1	3.298	.0218	-.0024	.1949	.5936	.4614	7.576	.4595	.0001	.9445
#2	3.291	.0217	-.0026	.1951	.5894	.4618	7.553	.4594	.0001	.9448

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.7341	.0754	-.0155	.1593	-.0212	.0125	551.1	9.375	410.4	89.66
Stddev	.0020	.0021	.0018	.0000	.0026	.0003	6.7	.049	3.3	.36
%RSD	.2749	2.742	11.90	.0050	12.15	2.466	1.220	.5193	.8123	.4007
#1	.7355	.0740	-.0142	.1593	-.0231	.0127	555.8	9.409	408.1	89.92
#2	.7327	.0769	-.0168	.1593	-.0194	.0123	546.3	9.341	412.8	89.41

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	88.92	1.347	.1925	.0040	.0135	4.878	.0482	.3473	19.48	.0246
Stddev	.02	.002	.0040	.0030	.0010	.007	.0021	.0002	.04	.0015
%RSD	.0255	.1380	2.069	74.39	7.652	.1435	4.442	.0462	.1985	6.183
#1	88.94	1.345	.1897	.0019	.0142	4.873	.0467	.3474	19.51	.0257
#2	88.91	1.348	.1954	.0061	.0128	4.882	.0497	.3472	19.46	.0236

Elem	Zr3391
Avg	.0943
Stddev	.0000
%RSD	.0419
#1	.0944
#2	.0943

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	65996.	17571.	2018.5	5053.6
Stddev	183.	25.	6.7	7.8
%RSD	.27682	.14472	.33378	.15514
#1	65867.	17554.	2023.3	5059.2
#2	66126.	17589.	2013.8	5048.1

Zoom In Zoom Out

Sample Name: ja60290-18 Acquired: 11/2/2010 18:45:29 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.3770	.0057	-.0014	.0748	.2354	.1779	1.291	.2066	.0024	.4223
Stddev	.0003	.0000	.0002	.0003	.0004	.0005	.004	.0001	.0002	.0002
%RSD	.0843	.0483	14.18	.3621	.1493	.2570	.2855	.0445	8.321	.0554
#1	.3772	.0058	-.0012	.0750	.2352	.1782	1.289	.2066	.0023	.4221
#2	.3767	.0057	-.0015	.0746	.2357	.1775	1.294	.2065	.0026	.4224

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.2305	.0554	-.0017	.0871	-.0019	.0020	213.9	3.225	217.6	6.978
Stddev	.0000	.0015	.0005	.0004	.0001	.0014	.2	.002	.2	.017
%RSD	.0204	2.647	26.54	.4517	3.403	69.19	.1146	.0704	.1103	.2482
#1	.2305	.0544	-.0014	.0874	-.0018	.0010	213.7	3.224	217.8	6.990
#2	.2305	.0564	-.0020	.0868	-.0019	.0030	214.1	3.227	217.5	6.966

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	9.512	2.185	.0725	.0012	-.0051	3.602	.0205	.0384	3.527	.0106
Stddev	.024	.006	.0006	.0002	.0002	.003	.0001	.0000	.008	.0000
%RSD	.2553	.2560	.7668	17.48	4.848	.0822	.2533	.0371	.2274	.1042
#1	9.495	2.189	.0729	.0013	-.0053	3.604	.0205	.0384	3.532	.0106
#2	9.530	2.181	.0721	.0010	-.0049	3.600	.0205	.0383	3.521	.0106

Elem	Zr3391
Avg	.0761
Stddev	.0003
%RSD	.3773
#1	.0759
#2	.0763

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70324.	18014.	2156.9	5591.7
Stddev	311.	8.	3.7	2.1
%RSD	.44269	.04173	.17354	.03769
#1	70103.	18009.	2154.2	5590.2
#2	70544.	18019.	2159.5	5593.2

Zoom In Zoom Out

Sample Name: ja60290-19 Acquired: 11/2/2010 18:51:23 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.3019	.0049	-.0016	.0463	.2722	.1189	.8396	.1274	.0021	.4126
Stddev	.0015	.0001	.0001	.0002	.0015	.0001	.0017	.0006	.0002	.0019
%RSD	.5060	1.467	5.077	.5358	.5462	.0779	.1980	.4516	10.37	.4630
#1	.3030	.0049	-.0017	.0465	.2711	.1188	.8384	.1278	.0019	.4112
#2	.3008	.0050	-.0016	.0461	.2732	.1190	.8408	.1270	.0022	.4139

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.2085	.0658	.0005	.0919	-.0022	.0036	194.3	4.667	249.8	10.23
Stddev	.0004	.0003	.0024	.0007	.0012	.0009	.1	.013	.0	.02
%RSD	.1856	.4560	485.3	.7177	54.02	25.54	.0485	.2696	.0177	.2215
#1	.2082	.0656	.0021	.0923	-.0014	.0043	194.2	4.659	249.8	10.21
#2	.2088	.0660	-.0012	.0914	-.0031	.0030	194.3	4.676	249.9	10.25

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	9.009	1.293	.0912	.0041	-.0067	3.885	.0209	.0714	3.047	.0092
Stddev	.023	.006	.0003	.0002	.0001	.036	.0009	.0002	.004	.0005
%RSD	.2561	.4683	.3640	5.811	2.084	.9241	4.310	.2701	.1292	4.896
#1	8.993	1.297	.0914	.0039	-.0068	3.910	.0215	.0716	3.044	.0096
#2	9.026	1.289	.0910	.0043	-.0066	3.859	.0202	.0713	3.050	.0089

Elem	Zr3391
Avg	.0815
Stddev	.0009
%RSD	1.105
#1	.0809
#2	.0821

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70285.	17882.	2133.6	5577.4
Stddev	64.	31.	.5	1.8
%RSD	.09080	.17241	.02374	.03207
#1	70240.	17903.	2133.9	5578.6
#2	70331.	17860.	2133.2	5576.1

Zoom In Zoom Out

Sample Name: mp55447-b1 Acquired: 11/2/2010 18:57:18 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	3.680	.0924	.0907	.9436	.3789	.4439	.9600	.9217	.0966	.8916
Stddev	.009	.0002	.0004	.0012	.0018	.0030	.0052	.0027	.0000	.0064
%RSD	.2312	.2063	.4362	.1320	.4668	.6755	.5373	.2958	.0259	.7174
#1	3.686	.0925	.0910	.9445	.3777	.4418	.9563	.9236	.0966	.8871
#2	3.674	.0922	.0904	.9427	.3802	.4460	.9636	.9198	.0966	.8962

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.9357	3.578	3.560	.9049	3.559	.9143	48.61	11.57	48.23	11.10
Stddev	.0011	.006	.019	.0038	.007	.0007	.04	.03	.08	.05
%RSD	.1144	.1701	.5372	.4224	.2063	.0809	.0744	.2469	.1685	.4838
#1	.9364	3.582	3.574	.9076	3.564	.9138	48.58	11.59	48.29	11.14
#2	.9349	3.574	3.547	.9022	3.553	.9148	48.64	11.55	48.17	11.06

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	11.93	11.98	.9161	.9413	.5662	1.806	.9382	.9679	.9403	.0149
Stddev	.04	.02	.0007	.0033	.0032	.006	.0009	.0008	.0017	.0002
%RSD	.3400	.1321	.0762	.3461	.5637	.3586	.0967	.0797	.1794	1.111
#1	11.95	11.99	.9166	.9436	.5640	1.811	.9388	.9685	.9391	.0148
#2	11.90	11.97	.9156	.9390	.5685	1.802	.9375	.9674	.9415	.0150

Elem	Zr3391
Avg	.0231
Stddev	.0021
%RSD	9.266
#1	.0246
#2	.0215

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	68872.	17187.	2066.3	5702.5
Stddev	261.	80.	2.1	3.2
%RSD	.37957	.46596	.10013	.05682
#1	69057.	17130.	2064.8	5700.2
#2	68687.	17243.	2067.7	5704.8

Zoom In Zoom Out

Sample Name: mp55447-s1 Acquired: 11/2/2010 19:03:05 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	4.111	.0888	.0915	.9616	.6671	.7528	4.728	2.404	.1019	1.540
Stddev	.047	.0009	.0003	.0031	.0024	.0006	.017	.008	.0011	.002
%RSD	1.152	1.053	.3320	.3176	.3575	.0775	.3587	.3236	1.128	.1422
#1	4.078	.0881	.0913	.9594	.6654	.7524	4.716	2.399	.1011	1.538
#2	4.145	.0895	.0918	.9637	.6687	.7532	4.740	2.410	.1027	1.541

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	2.986	3.894	3.366	1.068	3.706	.9141	125.1	458.7	124.3	72.89
Stddev	.008	.016	.016	.006	.011	.0053	1.4	2.1	1.3	.67
%RSD	.2806	.4069	.4705	.5689	.2937	.5790	1.096	.4521	1.036	.9142
#1	2.980	3.883	3.355	1.064	3.698	.9104	124.2	457.2	123.4	72.42
#2	2.992	3.905	3.377	1.073	3.713	.9179	126.1	460.1	125.2	73.36

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	18.35	46.60	1.253	.9268	.0975	5.438	.8478	2.467	1.838	.0208
Stddev	.20	.49	.008	.0067	.0003	.049	.0059	.029	.004	.0008
%RSD	1.067	1.058	.6388	.7181	.2882	.9035	.6912	1.170	.2433	3.878
#1	18.21	46.25	1.248	.9221	.0977	5.404	.8436	2.446	1.835	.0214
#2	18.49	46.95	1.259	.9315	.0973	5.473	.8519	2.487	1.841	.0203

Elem	Zr3391
Avg	.0133
Stddev	.0006
%RSD	4.609
#1	.0138
#2	.0129

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	63690.	17058.	1889.0	4887.6
Stddev	40.	148.	8.7	16.6
%RSD	.06340	.86711	.45904	.33915
#1	63661.	17162.	1895.1	4899.3
#2	63719.	16953.	1882.8	4875.9

Zoom In Zoom Out

Sample Name: mp55447-s2 Acquired: 11/2/2010 19:08:57 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	4.119	.0889	.0898	.9492	.6508	.7551	4.590	2.396	.1003	1.515
Stddev	.013	.0007	.0003	.0028	.0010	.0028	.008	.006	.0003	.004
%RSD	.3183	.7616	.3023	.2958	.1528	.3644	.1757	.2488	.3050	.2514
#1	4.110	.0884	.0900	.9511	.6501	.7531	4.585	2.400	.1001	1.513
#2	4.128	.0894	.0896	.9472	.6515	.7570	4.596	2.392	.1005	1.518

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	2.912	3.824	3.305	1.049	3.638	.9005	125.7	448.2	122.0	70.14
Stddev	.003	.004	.014	.001	.003	.0019	.7	2.0	.8	.66
%RSD	.1084	.1094	.4358	.0990	.0778	.2064	.5465	.4456	.6337	.9435
#1	2.914	3.827	3.315	1.048	3.640	.8992	125.2	449.7	121.4	69.68
#2	2.909	3.821	3.295	1.050	3.636	.9018	126.2	446.8	122.5	70.61

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	18.52	46.90	1.227	.9141	.0876	4.734	.8358	2.441	1.800	.0197
Stddev	.02	.10	.003	.0025	.0002	.011	.0003	.009	.000	.0005
%RSD	.1068	.2033	.2488	.2712	.2031	.2332	.0343	.3765	.0093	2.569
#1	18.51	46.83	1.229	.9158	.0875	4.742	.8360	2.435	1.800	.0193
#2	18.54	46.96	1.224	.9123	.0877	4.726	.8356	2.448	1.800	.0201

Elem	Zr3391
Avg	.0124
Stddev	.0002
%RSD	1.534
#1	.0123
#2	.0126

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	63980.	16891.	1895.5	4914.2
Stddev	131.	80.	3.4	1.4
%RSD	.20454	.47141	.17977	.02825
#1	64072.	16948.	1893.1	4913.2
#2	63887.	16835.	1898.0	4915.2

Zoom In Zoom Out

Sample Name: ja59287-1 Acquired: 11/2/2010 19:14:50 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.5568	.0016	.0003	.0743	.2700	.2463	3.410	.8428	.0017	.4858
Stddev	.0011	.0000	.0003	.0000	.0004	.0007	.004	.0037	.0000	.0004
%RSD	.1951	.4105	114.8	.0670	.1429	.2658	.1123	.4424	.9543	.0784
#1	.5560	.0016	.0005	.0744	.2702	.2458	3.407	.8454	.0017	.4855
#2	.5576	.0016	.0001	.0743	.2697	.2468	3.412	.8401	.0017	.4860

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.934	.2264	-.0011	.1667	.0677	.1266	51.57	396.4	72.24	53.75
Stddev	.008	.0012	.0003	.0017	.0001	.0004	.19	.2	.19	.17
%RSD	.4287	.5421	27.78	.9964	.1446	.3318	.3712	.0492	.2574	.3210
#1	1.940	.2273	-.0013	.1679	.0678	.1263	51.43	396.3	72.11	53.63
#2	1.928	.2255	-.0009	.1655	.0677	.1269	51.70	396.5	72.37	53.88

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.349	30.92	.3090	.0513	-.0128	3.234	.0167	1.388	.7543	.0033
Stddev	.026	.15	.0001	.0000	.0003	.007	.0003	.004	.0014	.0003
%RSD	.4854	.4806	.0273	.0478	2.372	.2306	1.732	.2890	.1843	9.354
#1	5.330	30.82	.3090	.0513	-.0130	3.228	.0169	1.385	.7533	.0036
#2	5.367	31.03	.3091	.0513	-.0125	3.239	.0165	1.391	.7553	.0031

Elem	Zr3391
Avg	.0059
Stddev	.0001
%RSD	2.194
#1	.0060
#2	.0058

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	66895.	17523.	1961.8	5139.3
Stddev	208.	52.	1.8	9.5
%RSD	.31039	.29808	.09403	.18462
#1	67042.	17560.	1963.1	5132.6
#2	66748.	17487.	1960.5	5146.0

Zoom In Zoom Out

Sample Name: mp55447-sd1 Acquired: 11/2/2010 19:20:49 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.5408	.0008	.0000	.0714	.2627	.2226	3.306	.8292	.0018	.4647
Stddev	.0020	.0000	.000	.0004	.0012	.0016	.010	.0005	.0021	.0040
%RSD	.3673	4.072	1013.	.4925	.4750	.7274	.2959	.0611	114.4	.8676
#1	.5422	.0008	-.0003	.0712	.2635	.2237	3.299	.8288	.0033	.4619
#2	.5394	.0008	.0002	.0717	.2618	.2214	3.313	.8296	.0003	.4676

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.969	.2178	.0015	.1632	.0603	.1163	49.71	405.5	73.62	51.69
Stddev	.001	.0002	.0015	.0022	.0012	.0005	.14	.1	.11	.15
%RSD	.0297	.1102	100.1	1.364	2.052	.3926	.2875	.0330	.1503	.2963
#1	1.968	.2180	.0004	.1616	.0594	.1160	49.81	405.5	73.70	51.79
#2	1.969	.2176	.0025	.1648	.0612	.1167	49.61	405.4	73.54	51.58

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.262	28.37	.3020	.0542	-.0096	2.915	.0178	1.311	.7434	.0008
Stddev	.033	.01	.0023	.0009	.0016	.015	.0007	.003	.0084	.0017
%RSD	.6169	.0265	.7760	1.749	17.07	.5151	4.014	.2041	1.135	218.8
#1	5.239	28.36	.3004	.0535	-.0107	2.905	.0173	1.313	.7494	.0020
#2	5.285	28.37	.3037	.0549	-.0084	2.926	.0183	1.309	.7374	-.0004

Elem	Zr3391
Avg	.0078
Stddev	.0008
%RSD	9.970
#1	.0084
#2	.0073

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73093.	18149.	2184.6	5731.3
Stddev	65.	15.	5.5	6.4
%RSD	.08944	.08353	.25132	.11181
#1	73139.	18160.	2188.5	5735.8
#2	73047.	18139.	2180.7	5726.7

Zoom In Zoom Out

Sample Name: ja59337-1 Acquired: 11/2/2010 19:26:45 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.8009	.0054	-.0011	.0830	.1146	.1372	6.177	.1836	.0012	.1374
Stddev	.0005	.0000	.0001	.0001	.0005	.0003	.039	.0006	.0002	.0003
%RSD	.0640	.1298	8.640	.1025	.4172	.2307	.6305	.3247	19.19	.2201
#1	.8012	.0054	-.0010	.0830	.1150	.1374	6.150	.1840	.0011	.1376
#2	.8005	.0054	-.0012	.0831	.1143	.1370	6.205	.1832	.0014	.1372

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4162	.0824	-.0036	.1127	-.0027	-.0005	93.98	12.37	187.1	25.61
Stddev	.0022	.0006	.0019	.0010	.0004	.0001	.15	.07	.3	.02
%RSD	.5224	.6839	54.52	.8567	15.38	29.88	.1549	.5776	.1515	.0824
#1	.4177	.0828	-.0022	.1134	-.0024	-.0004	94.09	12.42	187.3	25.62
#2	.4146	.0820	-.0049	.1120	-.0030	-.0006	93.88	12.32	186.9	25.59

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	16.30	.4042	.0636	.0067	-.0118	2.400	.0119	.0681	.4955	.0007
Stddev	.00	.0048	.0002	.0002	.0003	.045	.0007	.0001	.0018	.0003
%RSD	.0164	1.196	.3156	2.336	2.161	1.885	6.166	.1464	.3607	43.89
#1	16.30	.4076	.0635	.0068	-.0120	2.432	.0114	.0682	.4942	.0009
#2	16.30	.4008	.0638	.0065	-.0116	2.368	.0125	.0680	.4968	.0005

Elem	Zr3391
Avg	.0791
Stddev	.0012
%RSD	1.571
#1	.0782
#2	.0800

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73125.	18356.	2190.6	5660.6
Stddev	89.	19.	.5	.5
%RSD	.12163	.10110	.02358	.00849
#1	73188.	18369.	2191.0	5660.9
#2	73062.	18342.	2190.2	5660.2

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/2/2010 19:32:47 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.020	2.018	2.022	2.083	2.055	1.959	2.085	2.036	.2554	2.070
Stddev	.003	.001	.002	.001	.003	.009	.002	.000	.0008	.005
%RSD	.1499	.0283	.0856	.0225	.1492	.4556	.0873	.0206	.3142	.2517
#1	2.022	2.018	2.024	2.082	2.053	1.953	2.083	2.037	.2559	2.066
#2	2.018	2.019	2.021	2.083	2.057	1.965	2.086	2.036	.2548	2.074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.085	2.050	2.038	2.066	2.057	2.060	39.16	40.09	40.31	39.70
Stddev	.001	.001	.014	.004	.000	.001	.04	.01	.04	.13
%RSD	.0680	.0554	.6650	.1701	.0086	.0569	.1119	.0138	.0887	.3195
#1	2.086	2.049	2.028	2.064	2.058	2.059	39.13	40.09	40.34	39.79
#2	2.084	2.050	2.048	2.069	2.057	2.061	39.20	40.08	40.29	39.61
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.88	40.65	2.068	2.021	2.010	5.006	2.069	2.086	2.045	2.093
Stddev	.05	.04	.003	.003	.005	.006	.001	.001	.001	.011
%RSD	.1179	.1066	.1467	.1472	.2305	.1219	.0631	.0315	.0251	.5009
#1	40.85	40.68	2.066	2.019	2.007	5.002	2.068	2.086	2.045	2.085
#2	40.91	40.62	2.071	2.023	2.013	5.011	2.070	2.085	2.045	2.100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/2/2010 19:32:47 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.038
Stddev	.005
%RSD	.2241
#1	2.035
#2	2.042
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68319.	16977.	2049.0	5503.3
Stddev	166.	35.	4.5	16.4
%RSD	.24353	.20677	.22047	.29714
#1	68437.	16952.	2052.2	5514.9
#2	68202.	17002.	2045.8	5491.7

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/2/2010 19:38:36 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	F.0011	F.0006	.0005	.0009	.0008	F.0017	.0007	.0002
Stddev	.0003	.0002	.0003	.0004	.0003	.0003	.0003	.0007	.0003
%RSD	20.92	20.25	54.63	79.20	30.84	40.03	15.63	90.47	103.1
#1	.0013	.0009	.0009	.0008	.0011	.0011	.0019	.0012	.0001
#2	.0017	.0012	.0004	.0002	.0007	.0006	.0015	.0003	.0004
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		.0010	.0006				.0015		
Low Limit		-.0010	-.0006				-.0015		

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	.0010	.0013	F.0036	.0012	.0009	.0010	F.0261	.0304
Stddev	.0001	.0004	.0003	.0011	.0009	.0008	.0006	.0023	.0075
%RSD	6.553	38.94	26.06	30.35	75.07	84.01	64.58	8.904	24.59
#1	.0017	.0013	.0016	.0043	.0018	.0015	.0014	.0278	.0251
#2	.0016	.0007	.0011	.0028	.0006	.0004	.0005	.0245	.0357
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit				.0020				.0246	
Low Limit				-.0020				-.0246	

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0318	.0221	.0756	.0230	-.0024	.0018	.0024	.0034	.0015
Stddev	.0042	.0089	.0002	.0033	.0002	.0005	.0006	.0009	.0004
%RSD	13.19	40.35	.2124	14.29	6.650	27.27	24.25	27.42	24.34
#1	.0288	.0158	.0757	.0206	-.0023	.0022	.0020	.0041	.0017
#2	.0347	.0284	.0755	.0253	-.0025	.0015	.0028	.0028	.0012
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/2/2010 19:38:36 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F.0013	F.0014	.0140	F.0017
Stddev	.0003	.0003	.0024	.0002
%RSD	19.65	18.12	17.35	13.64
#1	.0011	.0016	.0157	.0018
#2	.0015	.0013	.0123	.0015
Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Fail
High Limit	.0010	.0010		.0012
Low Limit	-.0010	-.0010		-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71720.	17311.	2158.7	6067.9
Stddev	126.	82.	.1	4.1
%RSD	.17594	.47364	.00547	.06765
#1	71631.	17369.	2158.6	6065.0
#2	71809.	17253.	2158.7	6070.8

Zoom In / Zoom Out

Sample Name: ja59337-2 Acquired: 11/2/2010 19:44:40 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.7128	.0053	-.0001	.0769	.0925	.1292	6.793	.1554	.0012	.1184
Stddev	.0012	.0001	.0001	.0002	.0006	.0006	.101	.0003	.0001	.0001
%RSD	.1664	2.802	119.3	.2305	.6616	.5017	1.492	.2246	10.05	.0644
#1	.7136	.0054	.0000	.0770	.0920	.1287	6.722	.1551	.0012	.1184
#2	.7119	.0052	-.0002	.0768	.0929	.1296	6.865	.1556	.0013	.1185

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4350	.0757	.0000	.1785	-.0009	-.0006	83.25	13.14	165.0	24.26
Stddev	.0005	.0002	.0011	.0016	.0002	.0003	.24	.01	.0	.04
%RSD	.1059	.2818	11720.	.8958	22.56	50.74	.2875	.0578	.0048	.1668
#1	.4347	.0755	.0008	.1773	-.0007	-.0009	83.42	13.14	165.0	24.23
#2	.4353	.0758	-.0008	.1796	-.0010	-.0004	83.08	13.15	165.0	24.29

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	13.62	.4321	.0555	.0098	-.0105	1.787	.0087	.0650	.3806	.0047
Stddev	.01	.0013	.0002	.0001	.0005	.005	.0002	.0003	.0003	.0001
%RSD	.0594	.2908	.3070	.7223	4.546	.2679	2.365	.4214	.0722	1.843
#1	13.63	.4330	.0554	.0097	-.0102	1.791	.0085	.0652	.3804	.0048
#2	13.61	.4312	.0557	.0098	-.0109	1.784	.0088	.0648	.3808	.0046

Elem	Zr3391
Avg	.0729
Stddev	.0016
%RSD	2.159
#1	.0718
#2	.0741

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73283.	18251.	2196.8	5702.2
Stddev	357.	74.	2.6	2.1
%RSD	.48739	.40303	.11865	.03661
#1	73535.	18199.	2198.6	5703.7
#2	73030.	18303.	2194.9	5700.8

Zoom In / Zoom Out

Sample Name: ja59337-3 Acquired: 11/2/2010 19:50:41 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.8460	.0058	-.0015	.0814	.1178	.1670	7.711	.2051	.0011	.1505
Stddev	.0004	.0000	.0002	.0002	.0000	.0012	.035	.0005	.0000	.0006
%RSD	.0479	.6193	13.15	.2149	.0399	.7137	.4481	.2294	4.313	.4205
#1	.8457	.0059	-.0017	.0815	.1178	.1679	7.686	.2054	.0011	.1501
#2	.8463	.0058	-.0014	.0812	.1178	.1662	7.735	.2048	.0011	.1510

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4102	.0721	-.0043	.1593	-.0028	-.0005	97.80	25.03	194.6	31.37
Stddev	.0005	.0005	.0032	.0006	.0021	.0006	.19	.00	.1	.06
%RSD	.1164	.6967	74.49	.3496	75.48	113.3	.1971	.0193	.0567	.1838
#1	.4106	.0718	-.0020	.1589	-.0042	-.0001	97.66	25.03	194.5	31.41
#2	.4099	.0725	-.0065	.1597	-.0013	-.0010	97.93	25.02	194.7	31.33

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	14.38	.4704	.0681	.0077	-.0141	2.404	.0110	.0871	.6035	.0042
Stddev	.05	.0019	.0005	.0001	.0006	.023	.0004	.0001	.0017	.0008
%RSD	.3493	.4117	.6800	1.474	4.305	.9468	3.482	.0668	.2737	19.78
#1	14.34	.4718	.0684	.0077	-.0137	2.420	.0112	.0871	.6023	.0048
#2	14.42	.4690	.0678	.0076	-.0145	2.388	.0107	.0872	.6046	.0036

Elem	Zr3391
Avg	.0872
Stddev	.0007
%RSD	.7944
#1	.0867
#2	.0876

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74500.	18630.	2221.0	5595.2
Stddev	20.	20.	2.3	.2
%RSD	.02688	.10722	.10391	.00411
#1	74514.	18644.	2219.4	5595.1
#2	74485.	18616.	2222.7	5595.4

Zoom In / Zoom Out

Sample Name: ja59337-4 Acquired: 11/2/2010 19:56:41 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.8266	.0058	-.0011	.0987	.1351	.1443	6.068	.2182	.0018	.1561
Stddev	.0011	.0000	.0001	.0005	.0002	.0012	.112	.0018	.0001	.0002
%RSD	.1334	.4807	12.66	.5364	.1596	.8500	1.850	.8050	6.484	.1031
#1	.8274	.0058	-.0012	.0984	.1349	.1452	6.147	.2169	.0017	.1562
#2	.8258	.0058	-.0010	.0991	.1352	.1434	5.988	.2194	.0019	.1560

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4821	.0679	-.0042	.0876	-.0033	-.0008	106.7	13.21	219.1	32.70
Stddev	.0031	.0014	.0000	.0009	.0004	.0003	.4	.04	.7	.15
%RSD	.6368	2.021	.4578	1.034	11.93	35.81	.3596	.3125	.3030	.4699
#1	.4800	.0670	-.0042	.0869	-.0036	-.0010	107.0	13.18	218.6	32.59
#2	.4843	.0689	-.0042	.0882	-.0031	-.0006	106.5	13.24	219.5	32.80

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	15.14	.4204	.0689	.0083	-.0143	1.810	.0107	.0719	.5054	.0033
Stddev	.01	.0030	.0006	.0007	.0005	.015	.0004	.0002	.0015	.0004
%RSD	.0790	.7134	.9422	8.446	3.813	.8428	3.469	.2508	.3025	11.19
#1	15.15	.4225	.0684	.0078	-.0147	1.799	.0104	.0720	.5065	.0035
#2	15.13	.4183	.0693	.0088	-.0139	1.820	.0109	.0717	.5043	.0030

Elem	Zr3391
Avg	.0918
Stddev	.0010
%RSD	1.038
#1	.0912
#2	.0925

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73044.	18221.	2165.2	5593.2
Stddev	483.	33.	8.4	30.4
%RSD	.66167	.18350	.39005	.54359
#1	72703.	18245.	2171.2	5614.7
#2	73386.	18197.	2159.2	5571.7

Zoom In / Zoom Out

Sample Name: ja59337-5 Acquired: 11/2/2010 20:02:42 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.118	.0063	-.0012	.1112	.1211	.1692	10.27	.2419	.0016	.1487
Stddev	.001	.0000	.0001	.0003	.0001	.0001	.15	.0009	.0001	.0005
%RSD	.0924	.4914	4.841	.2549	.0470	.0789	1.454	.3544	9.160	.3280
#1	1.117	.0062	-.0012	.1110	.1211	.1693	10.37	.2413	.0017	.1491
#2	1.119	.0063	-.0013	.1114	.1210	.1691	10.16	.2425	.0015	.1484

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4686	.0849	-.0007	.1155	-.0029	-.0014	102.4	14.10	207.9	28.47
Stddev	.0008	.0004	.0025	.0002	.0007	.0002	.1	.01	.0	.06
%RSD	.1697	.5147	348.1	.2017	22.63	15.43	.0856	.0405	.0077	.2021
#1	.4681	.0846	-.0025	.1157	-.0025	-.0016	102.5	14.11	207.9	28.51
#2	.4692	.0852	.0010	.1154	-.0034	-.0013	102.4	14.10	207.9	28.43

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	16.32	.4131	.0675	.0105	-.0149	2.415	.0077	.0754	.4901	.0023
Stddev	.03	.0076	.0003	.0000	.0006	.012	.0004	.0001	.0036	.0000
%RSD	.2013	1.845	.4876	.0830	3.714	.4976	4.646	.0938	.7390	1.766
#1	16.34	.4078	.0673	.0105	-.0145	2.406	.0080	.0754	.4875	.0022
#2	16.29	.4185	.0677	.0105	-.0153	2.423	.0075	.0755	.4927	.0023

Elem	Zr3391
Avg	.0965
Stddev	.0007
%RSD	.7148
#1	.0960
#2	.0969

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73447.	18469.	2188.7	5611.6
Stddev	167.	4.	2.9	.4
%RSD	.22677	.02274	.13417	.00740
#1	73329.	18466.	2190.7	5611.9
#2	73564.	18472.	2186.6	5611.3

Zoom In Zoom Out

Sample Name: ja59337-6 Acquired: 11/2/2010 20:08:42 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.6963	.0053	-.0008	.0816	.1688	.1168	5.936	.1838	.0013	.1734
Stddev	.0030	.0001	.0002	.0002	.0009	.0002	.036	.0004	.0000	.0007
%RSD	.4313	1.271	21.32	.2111	.5227	.1888	.6046	.2099	2.225	.4224
#1	.6941	.0053	-.0007	.0817	.1682	.1169	5.962	.1835	.0013	.1729
#2	.6984	.0054	-.0010	.0814	.1694	.1166	5.911	.1841	.0013	.1740

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4426	.0705	-.0025	.1071	-.0013	-.0008	106.0	11.88	187.5	29.65
Stddev	.0006	.0005	.0005	.0006	.0017	.0003	.6	.08	1.0	.17
%RSD	.1429	.6461	21.39	.5665	126.4	38.37	.5756	.6374	.5519	.5675
#1	.4422	.0709	-.0021	.1067	-.0025	-.0010	105.6	11.83	186.8	29.53
#2	.4431	.0702	-.0029	.1075	-.0001	-.0006	106.5	11.94	188.3	29.77

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	14.77	.4567	.0622	.0202	-.0112	2.052	.0111	.0584	.4796	.0019
Stddev	.10	.0064	.0008	.0002	.0005	.001	.0002	.0004	.0073	.0009
%RSD	.6555	1.400	1.257	.9196	4.879	.0609	2.256	.6606	1.525	44.57
#1	14.70	.4522	.0627	.0203	-.0116	2.053	.0109	.0581	.4848	.0025
#2	14.84	.4612	.0616	.0201	-.0109	2.051	.0112	.0587	.4744	.0013

Elem	Zr3391
Avg	.0606
Stddev	.0002
%RSD	.3785
#1	.0607
#2	.0604

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72823.	18205.	2163.7	5626.3
Stddev	57.	74.	.4	5.4
%RSD	.07854	.40449	.01868	.09684
#1	72863.	18257.	2163.4	5622.5
#2	72782.	18153.	2164.0	5630.2

Zoom In Zoom Out

Sample Name: ja59337-7 Acquired: 11/2/2010 20:14:43 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.8155	.0063	-.0008	.0889	.1193	.1625	7.757	.1973	.0021	.1578
Stddev	.0036	.0000	.0001	.0003	.0009	.0010	.001	.0003	.0000	.0005
%RSD	.4442	.2584	6.586	.3615	.7767	.6230	.0110	.1353	1.105	.3020
#1	.8129	.0063	-.0008	.0887	.1187	.1632	7.756	.1975	.0021	.1575
#2	.8180	.0062	-.0008	.0891	.1200	.1618	7.757	.1971	.0021	.1582

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4506	.0871	-.0049	.1291	-.0025	.0000	97.93	13.49	211.3	27.17
Stddev	.0004	.0001	.0007	.0003	.0004	.0001	.26	.02	.2	.02
%RSD	.0814	.1298	14.02	.2345	16.02	917.5	.2685	.1301	.0929	.0658
#1	.4503	.0870	-.0054	.1293	-.0027	.0001	97.74	13.50	211.1	27.16
#2	.4508	.0872	-.0044	.1289	-.0022	-.0001	98.12	13.48	211.4	27.19

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	15.28	.4493	.0685	.0078	-.0139	2.133	.0120	.0666	.4654	.0036
Stddev	.01	.0029	.0002	.0000	.0006	.011	.0005	.0002	.0022	.0004
%RSD	.0915	.6387	.2771	.0282	4.578	.4967	4.498	.3708	.4809	10.08
#1	15.27	.4513	.0684	.0078	-.0144	2.125	.0117	.0664	.4638	.0039
#2	15.29	.4473	.0687	.0078	-.0135	2.140	.0124	.0667	.4670	.0034

Elem	Zr3391
Avg	.0887
Stddev	.0011
%RSD	1.216
#1	.0880
#2	.0895

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72759.	18212.	2171.4	5609.7
Stddev	97.	2.	.9	8.4
%RSD	.13264	.00882	.04210	.14913
#1	72691.	18213.	2172.1	5603.8
#2	72827.	18211.	2170.8	5615.6

Zoom In Zoom Out

Sample Name: ja59338-1 Acquired: 11/2/2010 20:20:45 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.8127	.0057	-.0010	.0859	.1112	.1331	8.549	.1844	.0016	.1446
Stddev	.0014	.0000	.0001	.0002	.0005	.0013	.120	.0000	.0001	.0007
%RSD	.1696	.2020	7.554	.2529	.4882	.9935	1.398	.0248	9.020	.4539
#1	.8137	.0057	-.0011	.0858	.1108	.1341	8.634	.1844	.0017	.1450
#2	.8118	.0057	-.0010	.0861	.1116	.1322	8.465	.1843	.0015	.1441

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4494	.0824	-.0026	.1060	-.0029	-.0009	97.71	14.77	199.3	28.75
Stddev	.0000	.0008	.0010	.0004	.0005	.0001	.26	.06	.3	.12
%RSD	.0065	.9657	38.47	.3913	18.81	12.48	.2685	.4010	.1719	.4320
#1	.4494	.0818	-.0033	.1063	-.0033	-.0009	97.90	14.82	199.5	28.84
#2	.4494	.0829	-.0019	.1057	-.0025	-.0008	97.52	14.73	199.0	28.67

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	16.44	.4272	.0684	.0065	-.0139	2.160	.0101	.0748	.4909	.0015
Stddev	.07	.0025	.0006	.0001	.0002	.006	.0001	.0000	.0015	.0000
%RSD	.4152	.5953	.8943	.7812	1.745	.2751	1.448	.0639	.3020	.1880
#1	16.49	.4254	.0680	.0066	-.0140	2.156	.0102	.0749	.4919	.0015
#2	16.39	.4290	.0688	.0065	-.0137	2.165	.0100	.0748	.4898	.0015

Elem	Zr3391
Avg	.0885
Stddev	.0003
%RSD	.3799
#1	.0883
#2	.0888

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73199.	18311.	2183.7	5620.0
Stddev	325.	49.	.1	2.9
%RSD	.44340	.26888	.00472	.05208
#1	72969.	18276.	2183.8	5622.1
#2	73428.	18346.	2183.7	5617.9

Zoom In Zoom Out

Sample Name: ja59338-2 Acquired: 11/2/2010 20:26:45 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.6273	.0047	-.0004	.0760	.1111	.1219	5.463	.1529	.0013	.1445
Stddev	.0016	.0000	.0001	.0001	.0009	.0004	.013	.0004	.0001	.0004
%RSD	.2578	.2732	27.50	.1849	.8409	.3004	.2358	.2526	9.758	.2983
#1	.6261	.0046	-.0005	.0761	.1104	.1216	5.454	.1531	.0014	.1442
#2	.6284	.0047	-.0003	.0759	.1117	.1221	5.472	.1526	.0013	.1448

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5479	.0497	-.0002	.2705	-.0003	-.0009	102.5	9.641	161.3	26.05
Stddev	.0019	.0005	.0007	.0018	.0006	.0002	.0	.010	.3	.15
%RSD	.3391	.9649	340.7	.6473	226.8	20.56	.0171	.0995	.1926	.5910
#1	.5492	.0493	.0003	.2717	-.0007	-.0008	102.5	9.634	161.0	25.94
#2	.5466	.0500	-.0007	.2693	.0002	-.0011	102.5	9.648	161.5	26.15

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	11.90	1.166	.0516	.0040	-.0084	2.483	.0118	.0623	.5056	.0001
Stddev	.03	.000	.0000	.0001	.0004	.004	.0003	.0002	.0002	.0009
%RSD	.2532	.0142	.0096	1.540	4.430	.1755	2.573	.2821	.0304	718.2
#1	11.88	1.166	.0516	.0039	-.0086	2.480	.0116	.0622	.5055	.0008
#2	11.92	1.166	.0516	.0040	-.0081	2.487	.0121	.0625	.5057	-.0005

Elem	Zr3391
Avg	.0451
Stddev	.0012
%RSD	2.687
#1	.0460
#2	.0442

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72452.	18209.	2168.0	5666.7
Stddev	70.	98.	3.4	4.4
%RSD	.09654	.53922	.15854	.07691
#1	72402.	18279.	2170.4	5669.8
#2	72501.	18140.	2165.6	5663.6

Zoom In Zoom Out

Sample Name: ja59206-12f Acquired: 11/2/2010 20:32:39 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0227	.0006	-.0004	.0006	.0004	.0007	.3297	.0027	.0001	.0030
Stddev	.0000	.0000	.0001	.0001	.0002	.0001	.0008	.0002	.0003	.0001
%RSD	.1374	4.768	34.12	12.29	40.66	7.588	.2564	6.776	238.9	3.391
#1	.0227	.0006	-.0005	.0006	.0005	.0007	.3303	.0028	.0004	.0029
#2	.0227	.0007	-.0003	.0007	.0003	.0007	.3291	.0025	-.0001	.0030

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0011	.0011	.0031	-.0015	.0003	-.0022	.0074	317.6	2.550	233.2
Stddev	.0001	.0000	.0026	.0012	.0002	.0007	.0014	1.7	.010	.4
%RSD	9.394	.2783	84.10	77.45	86.09	31.47	18.74	.5433	.4010	.1729
#1	.0011	.0011	.0013	-.0007	.0004	-.0017	.0084	316.4	2.557	233.5
#2	.0010	.0011	.0049	-.0023	.0001	-.0026	.0064	318.8	2.543	233.0

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	15.99	1420.	1.327	.0218	-.0079	10.67	-.0006	1.623	.0025	.0002
Stddev	.01	17.	.004	.0003	.0001	.06	.0000	.002	.0003	.0003
%RSD	.0593	1.179	.2861	1.270	.8199	.5709	5.129	.1035	11.56	147.9
#1	15.98	1432.	1.325	.0216	-.0079	10.63	-.0006	1.622	.0027	.0000
#2	15.99	1408.	1.330	.0220	-.0080	10.71	-.0006	1.625	.0023	.0005

Elem	Zr3391
Avg	-.0035
Stddev	.0002
%RSD	4.534
#1	-.0034
#2	-.0036

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	56916.	15622.	1560.9	3934.2
Stddev	139.	31.	12.3	16.2
%RSD	.24480	.20101	.78499	.41076
#1	57015.	15644.	1569.6	3945.6
#2	56818.	15600.	1552.2	3922.8

Zoom In Zoom Out

Sample Name: ja59206-13f Acquired: 11/2/2010 20:38:49 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0217	.0006	-.0005	.0004	.0007	.0009	.3259	.0026	.0002	.0029
Stddev	.0000	.0000	.0002	.0002	.0000	.0002	.0007	.0001	.0003	.0003
%RSD	.1420	5.898	40.61	45.84	.7167	23.03	.2199	4.569	158.4	10.66
#1	.0217	.0006	-.0006	.0002	.0007	.0008	.3254	.0027	.0000	.0032
#2	.0216	.0005	-.0003	.0005	.0007	.0011	.3264	.0025	.0004	.0027

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0019	.0016	.0064	-.0011	.0014	-.0015	-.0099	310.7	2.469	228.3
Stddev	.0002	.0002	.0010	.0002	.0001	.0006	.0052	.6	.004	.4
%RSD	8.938	13.89	16.09	17.32	8.109	36.28	52.59	.2035	.1419	.1666
#1	.0020	.0015	.0071	-.0012	.0014	-.0011	-.0062	311.2	2.467	228.0
#2	.0018	.0018	.0057	-.0010	.0015	-.0019	-.0136	310.3	2.472	228.6

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	16.20	1364.	1.344	.0227	-.0079	10.71	-.0006	1.608	.0026	.0011
Stddev	.10	23.	.013	.0002	.0001	.10	.0002	.005	.0001	.0002
%RSD	.6360	1.680	.9812	.8390	1.149	.9101	36.76	.3125	4.884	16.90
#1	16.13	1380.	1.335	.0226	-.0080	10.64	-.0008	1.605	.0027	.0010
#2	16.27	1348.	1.353	.0229	-.0078	10.78	-.0005	1.612	.0025	.0013

Elem	Zr3391
Avg	-.0036
Stddev	.0000
%RSD	.9458
#1	-.0036
#2	-.0036

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	56166.	15545.	1527.2	3879.7
Stddev	149.	47.	29.4	49.4
%RSD	.26587	.30405	1.9230	1.2730
#1	56061.	15579.	1548.0	3914.6
#2	56272.	15512.	1506.4	3844.8

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 20:45:00 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.056	2.014	2.057	2.103	2.049	1.990	2.085	2.048	.2559	2.080
Stddev	.003	.002	.005	.003	.006	.003	.002	.002	.0004	.000
%RSD	.1235	.1059	.2444	.1402	.3140	.1706	.1047	.0714	.1733	.0148
#1	2.058	2.012	2.061	2.105	2.045	1.988	2.084	2.047	.2556	2.081
#2	2.054	2.015	2.054	2.101	2.054	1.993	2.087	2.049	.2562	2.080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.079	2.075	2.062	2.070	2.096	2.097	39.40	39.48	40.20	39.22
Stddev	.003	.001	.002	.000	.003	.005	.06	.20	.15	.19
%RSD	.1255	.0566	.0984	.0138	.1340	.2493	.1577	.5008	.3632	.4903
#1	2.077	2.076	2.060	2.069	2.098	2.101	39.36	39.34	40.10	39.08
#2	2.081	2.075	2.063	2.070	2.094	2.093	39.45	39.62	40.31	39.35
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.39	39.98	2.109	2.056	2.044	5.124	2.088	2.116	2.043	2.109
Stddev	.10	.17	.006	.000	.003	.012	.001	.000	.006	.010
%RSD	.2468	.4221	.3036	.0174	.1454	.2384	.0580	.0177	.2852	.4632
#1	41.31	39.86	2.114	2.056	2.046	5.133	2.089	2.116	2.039	2.103
#2	41.46	40.10	2.105	2.056	2.042	5.115	2.087	2.117	2.047	2.116
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 20:45:00 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.066
Stddev	.005
%RSD	.2657
#1	2.070
#2	2.062
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68350.	17032.	2010.3	5442.6
Stddev	209.	101.	7.8	14.0
%RSD	.30570	.59256	.38974	.25760
#1	68497.	17103.	2004.8	5432.7
#2	68202.	16960.	2015.9	5452.5

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 20:50:49 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	F.0013	F.0007	.0005	F.0013	.0012	F.0018	.0010	.0004
Stddev	.0002	.0001	.0004	.0004	.0003	.0001	.0003	.0004	.0003
%RSD	11.26	10.20	53.72	81.83	23.97	12.18	16.29	43.55	75.47
#1	.0014	.0012	.0009	.0007	.0011	.0013	.0021	.0013	.0006
#2	.0017	.0014	.0004	.0002	.0015	.0011	.0016	.0007	.0002
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		.0010	.0006		.0012		.0015		
Low Limit		-.0010	-.0006		-.0012		-.0015		

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	.0011	.0010	F.0024	.0006	.0014	.0012	F.0271	.0621
Stddev	.0004	.0004	.0000	.0012	.0005	.0018	.0005	.0051	.0056
%RSD	22.41	35.55	.3412	49.21	82.54	129.2	40.86	18.93	9.067
#1	.0021	.0014	.0010	.0032	.0010	.0026	.0016	.0235	.0581
#2	.0015	.0008	.0010	.0016	.0003	.0001	.0009	.0307	.0661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit				.0020				.0246	
Low Limit				-.0020				-.0246	

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0363	.0471	.0800	.4611	-.0024	.0018	.0024	.0042	.0013
Stddev	.0036	.0064	.0036	.0082	.0003	.0006	.0005	.0014	.0006
%RSD	9.840	13.57	4.508	1.785	12.85	33.33	21.26	33.87	43.71
#1	.0338	.0426	.0826	.4552	-.0022	.0022	.0020	.0052	.0017
#2	.0388	.0516	.0775	.4669	-.0026	.0014	.0027	.0032	.0009
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 20:50:49 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F.0018	F.0019	.0150	F.0019
Stddev	.0001	.0000	.0016	.0001
%RSD	5.579	1.680	10.90	6.751
#1	.0017	.0019	.0161	.0020
#2	.0018	.0019	.0138	.0018
Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Fail
High Limit	.0010	.0010		.0012
Low Limit	-.0010	-.0010		-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71067.	17369.	2128.7	6017.3
Stddev	131.	21.	4.3	5.6
%RSD	.18501	.12238	.20151	.09284
#1	70974.	17354.	2125.7	6013.4
#2	71160.	17384.	2131.8	6021.3

Zoom In Zoom Out

Sample Name: crib Acquired: 11/2/2010 20:56:53 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1938	.0022	.0031	.0510	.0101	.0086	.0160	.0112	.0052
Stddev	.0004	.0000	.0000	.0002	.0003	.0001	.0000	.0003	.0007
%RSD	.1824	.7676	.8301	.3211	2.557	.6727	.1073	2.576	14.01
#1	.1936	.0023	.0031	.0512	.0102	.0087	.0160	.0110	.0057
#2	.1941	.0022	.0031	.0509	.0099	.0086	.0160	.0114	.0047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478	.0220	.0083	.0102	.0027	.0109	.0059	.1959	4.948
Stddev	.0004	.0001	.0000	.0004	.0005	.0007	.0005	.0028	.021
%RSD	.9034	.5121	.2926	4.272	17.52	5.953	8.207	1.424	.4352
#1	.0481	.0221	.0083	.0105	.0031	.0105	.0063	.1979	4.963
#2	.0475	.0219	.0083	.0099	.0024	.0114	.0056	.1940	4.932
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1123	4.679	9.882	10.02	.0987	.0216	.0532	.1924	.0106
Stddev	.0004	.023	.002	.01	.0004	.0003	.0000	.0007	.0004
%RSD	.3476	.4943	.0188	.0610	.4422	1.201	.0694	.3609	3.596
#1	.1126	4.695	9.881	10.02	.0990	.0218	.0532	.1929	.0109
#2	.1120	4.662	9.883	10.01	.0984	.0214	.0533	.1919	.0103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: crib Acquired: 11/2/2010 20:56:53 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0108	.0103	.0615	F.0047
Stddev	.0000	.0002	.0006	.0003
%RSD	.2828	1.564	1.008	6.831
#1	.0108	.0104	.0620	.0049
#2	.0108	.0102	.0611	.0044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				.0100
Range				-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71145.	17325.	2126.2	5918.1
Stddev	255.	47.	3.0	3.6
%RSD	.35841	.27163	.13923	.06015
#1	70965.	17292.	2124.1	5915.6
#2	71325.	17358.	2128.3	5920.6

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/2/2010 21:02:51 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1937	.0020	.0031	.0506	.0095	.0084	.0160	.0109	.0050	.0481
Stddev	.0000	.0000	.0002	.0002	.0004	.0004	.0000	.0000	.0001	.0003
%RSD	.0027	1.767	6.825	.3086	4.594	4.820	.1760	.2047	1.255	.5499
#1	.1937	.0021	.0030	.0505	.0092	.0087	.0160	.0109	.0051	.0479
#2	.1938	.0020	.0033	.0508	.0098	.0081	.0160	.0109	.0050	.0483

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0218	.0079	.0118	.0030	.0112	.0056	.1897	4.967	.1054	4.720
Stddev	.0000	.0002	.0013	.0002	.0018	.0001	.0013	.007	.0012	.011
%RSD	.1461	2.133	11.16	7.983	15.86	1.389	.6717	.1403	1.115	.2369
#1	.0218	.0078	.0127	.0032	.0125	.0056	.1888	4.972	.1062	4.712
#2	.0217	.0080	.0109	.0028	.0100	.0057	.1906	4.962	.1046	4.728

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	9.914	9.954	.0979	.0212	.0532	.1935	.0106	.0106	.0102	.0584
Stddev	.039	.007	.0003	.0000	.0003	.0017	.0001	.0000	.0001	.0002
%RSD	.3967	.0741	.2638	.0005	.6485	.8829	1.103	.3730	1.331	.3639
#1	9.886	9.949	.0977	.0212	.0530	.1923	.0106	.0106	.0101	.0586
#2	9.942	9.959	.0981	.0212	.0535	.1947	.0105	.0106	.0103	.0583

Elem	Zr3391
Avg	.0021
Stddev	.0002
%RSD	7.999
#1	.0020
#2	.0023

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71345.	17270.	2129.7	5929.5
Stddev	176.	21.	3.0	1.1
%RSD	.24660	.12343	.14089	.01885
#1	71469.	17255.	2131.8	5928.7
#2	71220.	17285.	2127.6	5930.3

Zoom In Zoom Out

Sample Name: icsa Acquired: 11/2/2010 21:08:49 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0052	.0009	-.0014	-.0008	.0016	.0023	-.0054	.0046	.0019	.0353
Stddev	.0001	.0000	.0001	.0006	.0000	.0003	.0001	.0001	.0001	.0006
%RSD	1.656	1.350	9.985	69.64	1.669	10.75	2.042	2.256	7.608	1.744
#1	-.0052	.0009	-.0015	-.0012	.0016	.0022	-.0053	.0047	.0020	.0357
#2	-.0051	.0009	-.0013	-.0004	.0016	.0025	-.0055	.0045	.0018	.0349
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0023	-.0016	-.0032	.0032	-.0020	.0000	491.3	367.5	187.4	507.1
Stddev	.0003	.0009	.0008	.0017	.0011	.001	.8	3.3	.5	.7
%RSD	14.73	54.30	25.22	54.09	57.07	7439.	.1565	.9009	.2809	.1367
#1	-.0020	-.0010	-.0027	.0044	-.0012	-.0008	491.9	369.9	187.8	507.5
#2	-.0025	-.0023	-.0038	.0020	-.0028	.0008	490.8	365.2	187.0	506.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663	.0879	.0783	-.0096	-.0114	-.0414	-.0036	-.0039	.0053	.0163
Stddev	.0156	.0010	.0001	.0004	.0008	.0018	.0020	.0001	.0001	.0001
%RSD	23.57	1.184	.0691	3.654	6.567	4.317	55.72	1.773	2.746	.5576
#1	.0773	.0887	.0783	-.0098	-.0120	-.0402	-.0022	-.0040	.0054	.0164
#2	.0552	.0872	.0782	-.0093	-.0109	-.0427	-.0051	-.0039	.0052	.0162
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Zoom In Zoom Out

Sample Name: icsa Acquired: 11/2/2010 21:08:49 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	-.0030
Stddev	.0002
%RSD	6.476
#1	-.0029
#2	-.0031
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	61546.	16227.	1831.2	4690.7
Stddev	169.	16.	3.1	3.8
%RSD	.27469	.10000	.16681	.08090
#1	61666.	16215.	1829.0	4688.0
#2	61427.	16238.	1833.3	4693.4

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 11/2/2010 21:14:56 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5159	.4891	1.069	.4894	.5134	.5282	.5090	1.020	1.146	.5226
Stddev	.0014	.0014	.001	.0033	.0013	.0001	.0004	.001	.000	.0006
%RSD	.2635	.2867	.0696	.6753	.2469	.0262	.0795	.0838	.0021	.1111
#1	.5168	.4901	1.069	.4918	.5143	.5283	.5087	1.021	1.146	.5222
#2	.5149	.4881	1.068	.4871	.5125	.5281	.5093	1.020	1.146	.5230
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9621	1.074	1.002	1.031	1.051	1.097	501.3	374.2	190.5	510.8
Stddev	.0007	.001	.001	.001	.004	.002	2.2	.9	.3	1.2
%RSD	.0683	.0788	.0571	.0732	.3686	.1732	.4428	.2519	.1486	.2446
#1	.9626	1.074	1.002	1.031	1.054	1.096	502.9	374.9	190.3	509.9
#2	.9617	1.075	1.001	1.030	1.049	1.099	499.8	373.5	190.7	511.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0311	.0889	.0809	.4966	.5725	-.0313	-.0028	-.0041	.0048	.5437
Stddev	.0082	.0009	.0015	.0008	.0010	.0003	.0001	.0001	.0001	.0006
%RSD	26.44	1.026	1.816	.1530	.1811	1.047	3.274	1.777	1.425	.1117
#1	.0369	.0895	.0799	.4960	.5718	-.0315	-.0028	-.0041	.0048	.5441
#2	.0253	.0882	.0819	.4971	.5733	-.0311	-.0027	-.0042	.0047	.5433
Check ?	None	None	None	Chk Pass	Chk Pass	None	None	None	None	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 11/2/2010 21:14:56 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	.4698
Stddev	.0054
%RSD	1.144
#1	.4660
#2	.4736
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	61857.	16241.	1834.1	4683.1
Stddev	305.	24.	1.6	1.7
%RSD	.49251	.14488	.08745	.03692
#1	61641.	16258.	1833.0	4681.8
#2	62072.	16225.	1835.2	4684.3

Zoom In Zoom Out

Sample Name: ja59206-14f Acquired: 11/2/2010 21:20:56 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0213	.0008	-.0003	.0005	.0006	.0007	.3242	.0028	.0001	.0030
Stddev	.0000	.0001	.0003	.0001	.0003	.0001	.0020	.0003	.0002	.0001
%RSD	.1995	13.51	93.22	15.06	50.32	10.24	.6025	9.692	136.4	4.161
#1	.0213	.0008	-.0001	.0004	.0004	.0008	.3256	.0030	.0000	.0031
#2	.0213	.0007	-.0005	.0005	.0008	.0007	.3228	.0026	.0003	.0029

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0013	.0011	.0029	-.0016	.0001	-.0007	.3101	308.2	2.520	225.5
Stddev	.0000	.0016	.0008	.0005	.0002	.0003	.0646	3.3	.035	.6
%RSD	3.394	136.3	28.13	34.06	186.0	43.32	20.82	1.067	1.393	.2480
#1	.0012	.0022	.0035	-.0020	.0002	-.0005	.3558	310.5	2.545	225.9
#2	.0013	.0000	.0023	-.0012	.0000	-.0009	.2645	305.9	2.495	225.1

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	15.80	1377.	1.321	.0224	-.0087	10.45	-.0011	1.576	.0027	.0029
Stddev	.14	12.	.000	.0000	.0005	.02	.0000	.004	.0000	.0000
%RSD	.8620	.8373	.0228	.0919	5.724	.2269	3.751	.2807	1.482	.0044
#1	15.70	1385.	1.321	.0224	-.0091	10.43	-.0011	1.572	.0028	.0029
#2	15.90	1369.	1.322	.0224	-.0084	10.47	-.0011	1.579	.0027	.0029

Elem	Zr3391
Avg	.0029
Stddev	.0001
%RSD	2.200
#1	.0028
#2	.0029

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	56688.	15606.	1547.2	3917.0
Stddev	203.	11.	4.6	1.8
%RSD	.35797	.07295	.29597	.04497
#1	56832.	15597.	1550.5	3918.2
#2	56545.	15614.	1544.0	3915.7

Zoom In Zoom Out

Sample Name: ja59206-16f Acquired: 11/2/2010 21:27:06 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0556	.0003	-.0007	.0041	-.0008	.0008	7.142	.0016	.0004	-.0012
Stddev	.0002	.0000	.0000	.0001	.0001	.0003	.031	.0001	.0003	.0001
%RSD	.3349	10.99	5.620	2.836	16.33	30.33	.4350	4.472	71.60	5.519
#1	.0554	.0003	-.0007	.0040	-.0007	.0010	7.164	.0016	.0005	-.0012
#2	.0557	.0003	-.0007	.0042	-.0009	.0007	7.120	.0017	.0002	-.0013

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0050	.0043	-.0006	-.0007	.0001	-.0008	.1022	13.46	4.391	36.22
Stddev	.0001	.0017	.0006	.0005	.0000	.0003	.0210	.06	.031	.16
%RSD	2.286	38.43	101.3	80.76	25.99	43.23	20.54	.4266	.6971	.4473
#1	.0051	.0055	-.0002	-.0003	.0001	-.0010	.1171	13.42	4.369	36.11
#2	.0050	.0031	-.0010	-.0010	.0002	-.0005	.0874	13.50	4.412	36.34

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	33.38	814.7	1.200	.0116	-.0002	1.982	-.0028	.2353	.0007	-.0003
Stddev	.16	2.1	.001	.0000	.0002	.000	.0003	.0003	.0001	.0006
%RSD	.4826	.2525	.0720	.3093	118.5	.0151	10.55	.1160	9.928	189.9
#1	33.50	816.2	1.199	.0117	-.0003	1.982	-.0026	.2351	.0007	.0001
#2	33.27	813.3	1.200	.0116	.0000	1.982	-.0031	.2355	.0006	-.0007

Elem	Zr3391
Avg	.0019
Stddev	.0002
%RSD	12.78
#1	.0020
#2	.0017

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	63185.	16875.	1805.7	4707.5
Stddev	77.	92.	.8	3.9
%RSD	.12220	.54400	.04269	.08201
#1	63240.	16940.	1806.2	4710.3
#2	63130.	16810.	1805.1	4704.8

Zoom In Zoom Out

Sample Name: ja59206-17f Acquired: 11/2/2010 21:33:17 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.7282	.0006	.0000	.0007	.0028	.0005	.7424	.0007	-.0010	.0075
Stddev	.0099	.0000	.000	.0003	.0001	.0001	.0174	.0002	.0004	.0002
%RSD	1.364	3.181	130.5	45.69	2.135	12.85	2.346	30.03	38.58	3.276
#1	.7212	.0006	-.0001	.0009	.0028	.0005	.7547	.0006	-.0007	.0076
#2	.7353	.0006	.0000	.0005	.0028	.0004	.7301	.0008	-.0012	.0073

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0018	.0029	.0045	-.0008	.0028	-.0003	.0298	207.4	2.645	595.7
Stddev	.0001	.0013	.0025	.0005	.0024	.0004	.0022	1.5	.025	4.8
%RSD	3.283	45.04	55.20	70.48	86.21	125.5	7.528	.7433	.9349	.8103
#1	.0018	.0038	.0027	-.0012	.0045	.0000	.0314	206.3	2.628	592.3
#2	.0017	.0020	.0063	-.0004	.0011	-.0006	.0282	208.5	2.662	599.1

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	177.5	1554.	2.877	.0303	-.0082	26.20	-.0003	4.245	.0055	.0035
Stddev	2.0	4.	.010	.0001	.0006	.07	.0001	.020	.0001	.0008
%RSD	1.139	.2574	.3610	.3973	7.692	.2503	39.78	.4807	2.129	21.42
#1	176.1	1557.	2.869	.0302	-.0078	26.15	-.0004	4.231	.0054	.0041
#2	179.0	1552.	2.884	.0303	-.0086	26.25	-.0002	4.260	.0056	.0030

Elem	Zr3391
Avg	-.0015
Stddev	.0005
%RSD	34.69
#1	-.0012
#2	-.0019

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	51151.	14753.	1408.6	3454.6
Stddev	858.	171.	9.4	18.4
%RSD	1.6766	1.1613	.66770	.53330
#1	50545.	14874.	1415.2	3467.7
#2	51757.	14632.	1401.9	3441.6

Zoom In Zoom Out

Sample Name: ja59336-11f Acquired: 11/2/2010 21:39:26 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0526	-.0001	.0012	-.0002	-.0001	.0003	.0407	.0008	.0005	.0033
Stddev	.0001	.0000	.0001	.0002	.0002	.0000	.0001	.0000	.0000	.0004
%RSD	.2045	20.30	10.58	110.1	208.9	12.13	.3278	.1335	4.780	12.30
#1	.0527	-.0001	.0011	.0000	-.0002	.0002	.0408	.0008	.0005	.0030
#2	.0526	-.0001	.0013	-.0003	.0000	.0003	.0406	.0008	.0005	.0036

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0190	.0038	.0035	.0003	-.0004	.0001	.0537	44.05	.0292	15.41
Stddev	.0000	.0002	.0003	.0003	.0003	.0001	.0062	.07	.0021	.13
%RSD	.1915	6.304	8.762	95.22	59.88	65.53	11.64	.1541	7.247	.8628
#1	.0190	.0036	.0038	.0001	-.0003	.0001	.0581	44.10	.0307	15.50
#2	.0190	.0040	.0033	.0005	-.0006	.0001	.0493	44.00	.0277	15.32

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	4.853	31.55	.1633	.0061	-.0013	15.45	.0001	1.044	.0067	-.0018
Stddev	.028	.21	.0002	.0001	.0006	.04	.0000	.001	.0001	.0003
%RSD	.5777	.6586	.1453	1.498	42.99	.2665	14.62	.1002	.9870	14.91
#1	4.833	31.70	.1634	.0061	-.0017	15.48	.0001	1.044	.0067	-.0020
#2	4.872	31.40	.1631	.0062	-.0009	15.42	.0001	1.043	.0066	-.0016

Elem	Zr3391
Avg	-.0030
Stddev	.0001
%RSD	3.694
#1	-.0031
#2	-.0029

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70746.	17389.	2075.4	5836.5
Stddev	1.	2.	2.3	13.2
%RSD	.00194	.00879	.11045	.22649
#1	70745.	17388.	2077.0	5845.8
#2	70747.	17390.	2073.7	5827.2

Zoom In Zoom Out

Sample Name: ja59336-12f Acquired: 11/2/2010 21:45:23 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1481	-.0002	.0003	-.0004	.0014	.0003	.0012	.0004	.0001	.0078
Stddev	.0007	.0000	.0001	.0000	.0002	.0001	.0001	.0001	.0000	.0002
%RSD	.4523	12.18	35.77	11.89	17.30	27.66	7.569	24.14	37.76	1.967
#1	.1486	-.0002	.0004	-.0004	.0012	.0004	.0012	.0005	.0001	.0079
#2	.1476	-.0002	.0002	-.0003	.0016	.0003	.0011	.0004	.0002	.0076

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0263	.0027	.0013	-.0003	.0002	-.0005	.0186	44.60	-.0085	8.592
Stddev	.0000	.0006	.0002	.0002	.0002	.0002	.0027	.14	.0027	.041
%RSD	.1563	23.50	17.98	74.56	65.25	29.51	14.68	.3179	31.58	.4710
#1	.0264	.0032	.0015	-.0001	.0004	-.0007	.0205	44.70	-.0066	8.621
#2	.0263	.0023	.0012	-.0004	.0001	-.0004	.0166	44.49	-.0104	8.563

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.952	12.45	.0423	.0075	-.0013	10.78	-.0002	.5163	.0010	-.0018
Stddev	.011	.23	.0004	.0000	.0008	.03	.0000	.0027	.0001	.0001
%RSD	.3693	1.882	.9158	.5139	65.66	.3059	7.765	.5174	10.50	3.915
#1	2.960	12.62	.0426	.0075	-.0007	10.76	-.0002	.5182	.0010	-.0018
#2	2.945	12.29	.0420	.0075	-.0018	10.80	-.0002	.5144	.0011	-.0017

Elem	Zr3391
Avg	-.0030
Stddev	.0001
%RSD	3.642
#1	-.0029
#2	-.0031

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70692.	17602.	2078.0	5869.0
Stddev	24.	53.	1.2	6.2
%RSD	.03392	.29837	.05686	.10488
#1	70675.	17565.	2078.9	5864.6
#2	70709.	17639.	2077.2	5873.3

Zoom In Zoom Out

Sample Name: ja59336-13f Acquired: 11/2/2010 21:51:22 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2351	-.0001	-.0002	-.0004	.0011	.0009	.0030	.0003	.0007	.0071
Stddev	.0011	.0000	.0001	.0000	.0001	.0002	.0000	.0003	.0001	.0003
%RSD	.4826	6.850	32.06	3.538	6.530	27.19	1.186	86.28	17.72	3.776
#1	.2343	.0000	-.0002	-.0004	.0010	.0010	.0030	.0001	.0006	.0069
#2	.2359	-.0001	-.0001	-.0004	.0011	.0007	.0029	.0005	.0007	.0073

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0042	.0030	.0030	.0017	-.0001	-.0009	.0532	53.28	-.0089	6.910
Stddev	.0002	.0004	.0001	.0002	.0001	.0003	.0021	.39	.0003	.018
%RSD	5.328	12.75	3.945	9.924	37.38	34.22	3.996	.7231	3.288	.2663
#1	.0040	.0033	.0029	.0018	-.0001	-.0011	.0517	53.01	-.0091	6.897
#2	.0043	.0027	.0031	.0016	-.0002	-.0007	.0547	53.55	-.0087	6.923

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.460	6.660	.0345	.0067	-.0010	11.51	.0001	.4049	.0011	-.0023
Stddev	.010	.041	.0001	.0002	.0001	.04	.0001	.0017	.0000	.0006
%RSD	.2818	.6104	.1669	2.593	11.52	.3670	117.4	.4087	1.001	27.15
#1	3.453	6.689	.0345	.0065	-.0010	11.48	.0000	.4038	.0012	-.0018
#2	3.467	6.632	.0345	.0068	-.0009	11.54	.0002	.4061	.0011	-.0027

Elem	Zr3391
Avg	-.0035
Stddev	.0001
%RSD	2.933
#1	-.0034
#2	-.0036

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71168.	17264.	2085.4	5875.3
Stddev	59.	93.	9.9	27.6
%RSD	.08332	.54050	.47296	.46925
#1	71126.	17330.	2092.3	5894.8
#2	71210.	17198.	2078.4	5855.8

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/2/2010 21:57:23 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.034	2.018	2.041	2.101	2.062	1.975	2.095	2.049	.2573	2.081
Stddev	.000	.000	.001	.002	.005	.001	.006	.006	.0002	.005
%RSD	.0022	.0093	.0568	.0721	.2583	.0427	.3068	.2777	.0899	.2591
#1	2.034	2.019	2.042	2.102	2.066	1.976	2.100	2.053	.2574	2.085
#2	2.034	2.018	2.040	2.100	2.058	1.974	2.091	2.045	.2571	2.077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.093	2.071	2.052	2.076	2.087	2.087	39.25	39.86	40.30	39.44
Stddev	.001	.004	.013	.003	.004	.006	.01	.10	.05	.06
%RSD	.0545	.1766	.6273	.1247	.2153	.2854	.0242	.2423	.1178	.1437
#1	2.094	2.069	2.061	2.078	2.084	2.083	39.24	39.93	40.33	39.48
#2	2.092	2.074	2.043	2.075	2.090	2.091	39.25	39.79	40.27	39.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.34	40.43	2.096	2.039	2.034	5.067	2.085	2.105	2.054	2.111
Stddev	.04	.02	.004	.001	.001	.000	.001	.001	.004	.008
%RSD	.0940	.0394	.1665	.0508	.0341	.0065	.0380	.0530	.1695	.3797
#1	41.37	40.42	2.093	2.038	2.033	5.067	2.085	2.106	2.056	2.105
#2	41.31	40.45	2.098	2.040	2.034	5.067	2.084	2.104	2.051	2.117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/2/2010 21:57:23 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.057
Stddev	.002
%RSD	.1164
#1	2.059
#2	2.055
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68134.	16874.	2031.5	5468.4
Stddev	288.	58.	3.0	1.4
%RSD	.42205	.34081	.14568	.02517
#1	67931.	16833.	2033.6	5467.4
#2	68337.	16915.	2029.5	5469.4

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/2/2010 22:03:12 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0009	F.0007	.0005	.0007	.0006	.0014	.0010	.0004
Stddev	.0001	.0001	.0003	.0003	.0000	.0003	.0001	.0004	.0000
%RSD	9.444	6.651	37.26	60.57	5.017	43.55	5.288	36.82	6.131
#1	.0010	.0008	.0009	.0007	.0007	.0008	.0014	.0012	.0004
#2	.0012	.0009	.0005	.0003	.0007	.0004	.0013	.0007	.0004
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.0006						
Low Limit			-.0006						

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	.0010	.0011	.0015	.0007	.0001	.0005	.0211	.0223
Stddev	.0001	.0003	.0006	.0011	.0004	.0003	.0000	.0053	.0025
%RSD	6.823	24.52	50.12	75.45	52.84	229.1	8.092	25.23	11.38
#1	.0012	.0012	.0015	.0022	.0010	-.0001	.0005	.0173	.0205
#2	.0014	.0009	.0007	.0007	.0005	.0003	.0006	.0249	.0241
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0220	.0232	.0492	.1023	-.0025	.0018	.0010	.0032	.0006
Stddev	.0005	.0101	.0162	.0005	.0005	.0006	.0004	.0011	.0007
%RSD	2.137	43.58	33.05	.5179	20.15	30.51	46.24	33.15	108.8
#1	.0217	.0160	.0377	.1027	-.0022	.0022	.0007	.0040	.0011
#2	.0224	.0303	.0606	.1019	-.0029	.0014	.0013	.0025	.0001
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/2/2010 22:03:12 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F.0010	F.0017	.0141	F.0017
Stddev	.0000	.0003	.0014	.0001
%RSD	2.736	17.82	9.604	4.931
#1	.0010	.0019	.0151	.0017
#2	.0010	.0014	.0132	.0018
Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Fail
High Limit	.0010	.0010		.0012
Low Limit	-.0010	-.0010		-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71190.	17059.	2141.8	6039.1
Stddev	14.	40.	5.4	10.0
%RSD	.01989	.23600	.25343	.16544
#1	71200.	17087.	2145.6	6046.2
#2	71180.	17030.	2137.9	6032.1

Zoom In / Zoom Out

Sample Name: mp55449-s1 2 Acquired: 11/2/2010 22:09:16 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	3.707	.0892	.0847	.9187	.4145	.5340	4.129	.9843	.0925	.9140
Stddev	.003	.0000	.0006	.0003	.0011	.0007	.002	.0004	.0001	.0002
%RSD	.0867	.0508	.7124	.0283	.2588	.1360	.0352	.0416	.0910	.0190
#1	3.710	.0892	.0851	.9185	.4138	.5345	4.128	.9840	.0925	.9139
#2	3.705	.0892	.0843	.9188	.4153	.5335	4.130	.9846	.0926	.9141

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.135	3.381	3.370	.9321	3.340	.6062	94.40	19.55	151.6	26.17
Stddev	.002	.002	.005	.0004	.007	.0020	.17	.01	.3	.01
%RSD	.1281	.0527	.1462	.0412	.2260	.3308	.1751	.0656	.1726	.0416
#1	1.134	3.382	3.367	.9318	3.346	.6048	94.28	19.54	151.8	26.17
#2	1.136	3.380	3.374	.9323	3.335	.6076	94.51	19.56	151.4	26.16

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	19.07	11.63	.8746	.8607	.4061	5.502	.8391	.9709	1.175	.0187
Stddev	.06	.00	.0004	.0005	.0003	.005	.0010	.0002	.003	.0013
%RSD	.3189	.0333	.0512	.0523	.0694	.0878	.1138	.0160	.2187	6.878
#1	19.03	11.63	.8749	.8610	.4063	5.506	.8398	.9708	1.173	.0196
#2	19.11	11.63	.8743	.8603	.4059	5.499	.8384	.9710	1.176	.0177

Elem	Zr3391
Avg	.1047
Stddev	.0011
%RSD	1.032
#1	.1055
#2	.1040

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70155.	17287.	2093.3	5533.2
Stddev	98.	43.	3.1	5.5
%RSD	.14026	.24635	.14951	.09909
#1	70085.	17257.	2091.1	5529.3
#2	70224.	17317.	2095.5	5537.1

Zoom In Zoom Out

Sample Name: mp55449-s2 Acquired: 11/2/2010 22:15:04 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	3.700	.0885	.0848	.9181	.4144	.5295	3.907	.9853	.0930	.9159
Stddev	.008	.0004	.0003	.0014	.0009	.0035	.010	.0003	.0001	.0020
%RSD	.2077	.4563	.3042	.1568	.2188	.6639	.2537	.0317	.1566	.2170
#1	3.695	.0882	.0849	.9191	.4137	.5320	3.900	.9851	.0931	.9145
#2	3.706	.0888	.0846	.9171	.4150	.5270	3.914	.9855	.0929	.9173

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.129	3.368	3.379	.9315	3.323	.6002	95.12	19.14	148.7	26.03
Stddev	.001	.006	.001	.0000	.010	.0018	.52	.11	.3	.05
%RSD	.0894	.1873	.0144	.0013	.2968	.3012	.5468	.5703	.2214	.1989
#1	1.129	3.373	3.379	.9315	3.330	.6015	94.75	19.06	148.4	25.99
#2	1.130	3.364	3.380	.9315	3.316	.5989	95.49	19.22	148.9	26.07

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	19.50	11.60	.8694	.8573	.4007	5.082	.8453	.9680	1.158	.0161
Stddev	.12	.06	.0026	.0005	.0002	.019	.0027	.0034	.002	.0003
%RSD	.5944	.5102	.2979	.0629	.0617	.3732	.3136	.3503	.1920	2.149
#1	19.42	11.55	.8712	.8577	.4009	5.096	.8471	.9656	1.156	.0159
#2	19.58	11.64	.8676	.8569	.4006	5.069	.8434	.9704	1.159	.0164

Elem	Zr3391
Avg	.0998
Stddev	.0006
%RSD	.6068
#1	.0993
#2	.1002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70002.	17391.	2098.2	5550.3
Stddev	204.	25.	8.1	16.4
%RSD	.29078	.14421	.38510	.29564
#1	69858.	17408.	2092.5	5538.7
#2	70146.	17373.	2103.9	5561.9

Zoom In Zoom Out

Sample Name: ja58900-3 Acquired: 11/2/2010 22:20:51 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2177	.0026	-.0004	.0552	.0669	.1085	3.213	.1082	.0014	.0787
Stddev	.0003	.0001	.0001	.0001	.0003	.0001	.000	.0002	.0004	.0002
%RSD	.1385	2.019	15.66	.1032	.4431	.0964	.0019	.1481	24.28	.2314
#1	.2175	.0026	-.0005	.0552	.0667	.1086	3.213	.1083	.0017	.0785
#2	.2179	.0026	-.0004	.0553	.0671	.1085	3.213	.1081	.0012	.0788

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.2879	.0348	.0045	.0670	.0011	.0025	39.60	9.153	116.0	16.21
Stddev	.0002	.0001	.0007	.0012	.0007	.0004	.00	.060	.4	.11
%RSD	.0814	.3099	16.03	1.743	69.47	15.24	.0016	.6517	.3261	.7002
#1	.2877	.0349	.0050	.0678	.0016	.0023	39.60	9.195	116.2	16.29
#2	.2881	.0347	.0040	.0662	.0005	.0028	39.60	9.110	115.7	16.13

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.666	.3043	.0348	.0056	-.0066	1.804	.0154	.0509	.3751	.0010
Stddev	.021	.0023	.0006	.0000	.0006	.000	.0007	.0000	.0022	.0005
%RSD	.3664	.7488	1.840	.4059	8.863	.0239	4.817	.0909	.5940	55.36
#1	5.651	.3027	.0343	.0056	-.0070	1.805	.0149	.0509	.3736	.0013
#2	5.681	.3059	.0352	.0056	-.0062	1.804	.0159	.0510	.3767	.0006

Elem	Zr3391
Avg	.0521
Stddev	.0003
%RSD	.6573
#1	.0519
#2	.0524

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73225.	17782.	2170.4	5841.3
Stddev	429.	56.	9.6	16.2
%RSD	.58543	.31290	.44375	.27693
#1	73528.	17743.	2177.3	5852.7
#2	72922.	17822.	2163.6	5829.8

Zoom In Zoom Out

Sample Name: mp55449-sd1 Acquired: 11/2/2010 22:26:46 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2219	.0022	-.0001	.0554	.0666	.1081	3.289	.1085	.0008	.0819
Stddev	.0001	.0001	.0002	.0001	.0002	.0013	.007	.0004	.0011	.0003
%RSD	.0306	5.045	241.8	.1996	.2561	1.179	.2168	.3271	131.3	.4199
#1	.2219	.0023	.0001	.0554	.0665	.1072	3.294	.1082	.0001	.0816
#2	.2218	.0021	-.0003	.0553	.0668	.1090	3.284	.1087	.0016	.0821

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.3011	.0341	.0045	.0641	.0029	.0006	39.80	9.388	119.9	16.23
Stddev	.0011	.0031	.0023	.0005	.0000	.0011	.08	.022	.0	.02
%RSD	.3733	9.007	51.64	.7671	1.388	172.6	.1949	.2311	.0058	.1289
#1	.3019	.0363	.0062	.0645	.0029	.0014	39.75	9.403	119.9	16.24
#2	.3003	.0319	.0029	.0638	.0029	-.0001	39.86	9.372	119.9	16.21

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.745	.3088	.0231	.0046	-.0032	1.854	.0166	.0511	.3778	.0037
Stddev	.069	.0011	.0015	.0006	.0022	.005	.0015	.0000	.0024	.0018
%RSD	1.196	.3618	6.540	14.15	68.20	.2609	9.126	.0234	.6279	49.29
#1	5.793	.3096	.0242	.0050	-.0016	1.858	.0156	.0511	.3761	.0050
#2	5.696	.3080	.0221	.0041	-.0047	1.851	.0177	.0511	.3795	.0024

Elem	Zr3391
Avg	.0538
Stddev	.0005
%RSD	.9676
#1	.0542
#2	.0534

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72001.	17242.	2159.0	6013.7
Stddev	90.	7.	.7	6.7
%RSD	.12459	.04105	.03048	.11201
#1	71938.	17237.	2159.5	6008.9
#2	72065.	17247.	2158.6	6018.5

Zoom In Zoom Out

Sample Name: ja58900-1 Acquired: 11/2/2010 22:32:46 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2358	.0029	-.0006	.0598	.0721	.1167	3.588	.1222	.0015	.0872
Stddev	.0005	.0000	.0001	.0000	.0000	.0005	.017	.0005	.0001	.0002
%RSD	.2207	.5685	20.50	.0553	.0302	.4113	.4693	.3981	8.382	.2011
#1	.2354	.0029	-.0005	.0598	.0721	.1164	3.600	.1225	.0016	.0873
#2	.2362	.0029	-.0006	.0598	.0721	.1171	3.576	.1218	.0014	.0870

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.3350	.0293	.0024	.0741	.0010	.0005	44.29	14.11	121.3	17.74
Stddev	.0005	.0015	.0013	.0005	.0008	.0006	.13	.14	.6	.11
%RSD	.1391	5.233	53.94	.6756	77.17	109.5	.3045	1.028	.5056	.6186
#1	.3347	.0304	.0033	.0745	.0015	.0001	44.39	14.21	121.7	17.82
#2	.3353	.0282	.0015	.0737	.0004	.0009	44.20	14.00	120.8	17.67

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.250	.3850	.0394	.0060	-.0067	2.485	.0148	.0812	.4329	.0004
Stddev	.012	.0010	.0004	.0001	.0005	.003	.0006	.0001	.0022	.0001
%RSD	.1992	.2562	1.032	1.975	6.958	.1073	3.807	.1305	.5092	26.26
#1	6.258	.3857	.0391	.0060	-.0070	2.483	.0152	.0813	.4344	.0004
#2	6.241	.3843	.0397	.0061	-.0063	2.486	.0144	.0811	.4313	.0003

Elem	Zr3391
Avg	.0588
Stddev	.0001
%RSD	.2392
#1	.0587
#2	.0589

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72438.	17702.	2165.2	5809.9
Stddev	142.	119.	7.9	12.1
%RSD	.19612	.66941	.36293	.20892
#1	72338.	17618.	2159.7	5801.4
#2	72538.	17786.	2170.8	5818.5

Zoom In Zoom Out

Sample Name: ja58900-2 Acquired: 11/2/2010 22:38:41 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.3327	.0036	-.0008	.0686	.1064	.1033	4.047	.1679	.0022	.1091
Stddev	.0014	.0000	.0001	.0002	.0007	.0002	.009	.0007	.0002	.0001
%RSD	.4060	.1453	7.488	.2642	.6309	.1780	.2152	.4438	9.019	.0498
#1	.3318	.0036	-.0007	.0684	.1069	.1031	4.041	.1674	.0021	.1091
#2	.3337	.0036	-.0008	.0687	.1059	.1034	4.054	.1684	.0023	.1092

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4444	.0253	.0012	.0708	.0009	.0007	64.47	11.15	144.7	22.05
Stddev	.0012	.0011	.0012	.0005	.0008	.0005	.14	.01	.2	.02
%RSD	.2599	4.168	98.74	.7704	89.45	71.58	.2159	.1191	.1693	.0999
#1	.4436	.0261	.0021	.0712	.0015	.0010	64.37	11.14	144.5	22.03
#2	.4453	.0246	.0004	.0704	.0003	.0003	64.56	11.15	144.9	22.06

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.852	.4263	.0463	.0061	-.0064	2.516	.0150	.0886	.3304	.0024
Stddev	.026	.0011	.0002	.0003	.0012	.005	.0001	.0004	.0029	.0003
%RSD	.3794	.2543	.5016	4.115	18.55	.2074	.5390	.4159	.8898	11.60
#1	6.833	.4271	.0465	.0059	-.0073	2.520	.0149	.0883	.3325	.0025
#2	6.870	.4255	.0462	.0063	-.0056	2.513	.0150	.0888	.3283	.0022

Elem	Zr3391
Avg	.0599
Stddev	.0002
%RSD	.2627
#1	.0598
#2	.0600

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72092.	17711.	2151.2	5750.2
Stddev	149.	33.	2.6	8.0
%RSD	.20666	.18487	.12255	.13950
#1	71987.	17734.	2153.1	5755.8
#2	72198.	17688.	2149.4	5744.5

Zoom In Zoom Out

Sample Name: ja58900-4 Acquired: 11/2/2010 22:44:35 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2939	.0037	.0002	.0826	.1093	.1394	2.265	.1962	.0031	.1161
Stddev	.0018	.0000	.0003	.0002	.0006	.0002	.001	.0004	.0001	.0004
%RSD	.6203	.9103	202.4	.2967	.5103	.1306	.0279	.1819	2.632	.3442
#1	.2926	.0038	.0004	.0825	.1089	.1396	2.265	.1959	.0031	.1158
#2	.2952	.0037	-.0001	.0828	.1097	.1393	2.266	.1964	.0032	.1164

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5098	.0465	.0020	.1069	.0023	.0004	62.64	14.33	158.0	25.35
Stddev	.0005	.0015	.0005	.0009	.0004	.0002	.02	.03	.2	.03
%RSD	.0980	3.157	23.89	.8346	15.69	48.94	.0278	.1907	.0955	.1325
#1	.5094	.0475	.0024	.1076	.0020	.0003	62.63	14.35	157.9	25.37
#2	.5101	.0455	.0017	.1063	.0026	.0005	62.65	14.31	158.1	25.32

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.053	.5776	.0490	.0105	-.0066	3.056	.0169	.0781	.3670	.0023
Stddev	.020	.0013	.0001	.0000	.0004	.050	.0001	.0003	.0016	.0008
%RSD	.3312	.2188	.2935	.4579	5.398	1.645	.4417	.4390	.4386	33.30
#1	6.039	.5785	.0491	.0105	-.0069	3.091	.0169	.0778	.3681	.0018
#2	6.067	.5767	.0488	.0104	-.0064	3.020	.0170	.0783	.3658	.0029

Elem	Zr3391
Avg	.0632
Stddev	.0004
%RSD	.5858
#1	.0630
#2	.0635

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71777.	17583.	2150.7	5740.6
Stddev	20.	47.	.9	1.7
%RSD	.02825	.26908	.04406	.02945
#1	71792.	17549.	2150.1	5739.4
#2	71763.	17616.	2151.4	5741.8

Zoom In Zoom Out

Sample Name: ja58900-7 Acquired: 11/2/2010 22:50:30 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1654	.0024	-.0005	.0514	.0585	.1065	3.379	.1031	.0012	.0752
Stddev	.0007	.0000	.0001	.0002	.0004	.0008	.005	.0004	.0001	.0001
%RSD	.4062	1.208	21.02	.3841	.6053	.7607	.1412	.4099	5.030	.1228
#1	.1649	.0024	-.0004	.0516	.0582	.1070	3.382	.1034	.0011	.0752
#2	.1659	.0023	-.0006	.0513	.0587	.1059	3.375	.1028	.0012	.0753

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.2828	.0300	.0010	.0686	.0003	.0002	36.83	13.24	105.4	16.35
Stddev	.0001	.0007	.0007	.0001	.0005	.0009	.01	.06	.1	.09
%RSD	.0321	2.261	69.15	.1102	171.8	475.4	.0258	.4484	.1322	.5405
#1	.2827	.0295	.0015	.0685	.0006	.0008	36.82	13.29	105.5	16.41
#2	.2829	.0304	.0005	.0686	-.0001	-.0004	36.83	13.20	105.3	16.28

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	4.862	.3687	.0334	.0059	-.0066	2.019	.0175	.0558	.4056	-.0006
Stddev	.012	.0002	.0005	.0001	.0001	.006	.0000	.0002	.0003	.0008
%RSD	.2542	.0559	1.351	1.399	.7525	.3181	.1967	.3832	.0757	137.0
#1	4.853	.3689	.0337	.0060	-.0066	2.023	.0175	.0557	.4058	-.0011
#2	4.871	.3686	.0331	.0058	-.0067	2.014	.0175	.0560	.4054	.0000

Elem	Zr3391
Avg	.0546
Stddev	.0009
%RSD	1.572
#1	.0540
#2	.0553

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72508.	17581.	2168.0	5838.8
Stddev	242.	35.	1.3	2.1
%RSD	.33398	.20147	.06178	.03573
#1	72337.	17556.	2167.1	5837.3
#2	72679.	17606.	2169.0	5840.3

Zoom In Zoom Out

Sample Name: ja58900-8 Acquired: 11/2/2010 22:56:25 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2149	.0028	-.0001	.0541	.0622	.1168	3.551	.1083	.0008	.0812
Stddev	.0008	.0000	.0001	.0001	.0003	.0019	.022	.0003	.0003	.0008
%RSD	.3857	1.157	123.6	.1295	.5135	1.643	.6236	.2893	37.03	.9694
#1	.2143	.0027	-.0001	.0541	.0620	.1154	3.535	.1080	.0006	.0806
#2	.2155	.0028	.0000	.0542	.0624	.1181	3.567	.1085	.0011	.0817

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.3496	.0259	-.0007	.0741	.0019	-.0001	40.65	13.42	110.0	17.49
Stddev	.0005	.0006	.0003	.0001	.0005	.0000	.19	.06	.5	.09
%RSD	.1508	2.321	38.09	.1032	24.86	12.39	.4747	.4389	.4092	.5023
#1	.3492	.0255	-.0005	.0742	.0022	-.0001	40.51	13.37	109.7	17.43
#2	.3499	.0263	-.0009	.0741	.0016	-.0001	40.79	13.46	110.4	17.55

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.838	.3720	.0354	.0054	-.0076	2.192	.0159	.0580	.4465	-.0012
Stddev	.012	.0003	.0007	.0001	.0000	.006	.0006	.0003	.0023	.0001
%RSD	.2013	.0897	2.052	2.744	.1411	.2835	3.776	.5554	.5234	7.923
#1	5.847	.3718	.0348	.0055	-.0076	2.187	.0163	.0577	.4448	-.0011
#2	5.830	.3723	.0359	.0053	-.0076	2.196	.0154	.0582	.4481	-.0013

Elem	Zr3391
Avg	.0604
Stddev	.0007
%RSD	1.099
#1	.0600
#2	.0609

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72692.	17542.	2167.3	5819.8
Stddev	570.	60.	10.9	17.4
%RSD	.78477	.34065	.50152	.29863
#1	73095.	17584.	2175.0	5832.0
#2	72289.	17499.	2159.6	5807.5

Zoom In / Zoom Out

Sample Name: ja58900-9 Acquired: 11/2/2010 23:02:19 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2444	.0030	-.0006	.0581	.0662	.1169	3.031	.1119	.0012	.0842
Stddev	.0001	.0000	.0002	.0003	.0006	.0008	.004	.0004	.0002	.0006
%RSD	.0226	.3305	39.68	.4707	.9487	.6733	.1347	.3326	18.55	.7569
#1	.2444	.0030	-.0004	.0583	.0667	.1164	3.028	.1122	.0013	.0837
#2	.2445	.0030	-.0008	.0579	.0658	.1175	3.034	.1117	.0010	.0846

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.3059	.0300	.0013	.0812	.0010	.0000	43.09	11.90	112.3	17.46
Stddev	.0007	.0002	.0026	.0000	.0016	.0004	.01	.01	.2	.01
%RSD	.2385	.7163	201.9	.0108	168.1	1536.	.0164	.1252	.1760	.0383
#1	.3064	.0298	-.0006	.0812	.0021	.0003	43.10	11.91	112.4	17.46
#2	.3054	.0301	.0031	.0812	-.0002	-.0002	43.09	11.89	112.1	17.47

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.441	.4083	.0366	.0048	-.0073	2.763	.0163	.0564	.4627	-.0002
Stddev	.004	.0014	.0003	.0001	.0007	.005	.0004	.0000	.0008	.0001
%RSD	.0558	.3475	.9211	3.014	9.144	.1927	2.677	.0212	.1633	47.22
#1	6.439	.4073	.0364	.0049	-.0068	2.767	.0166	.0564	.4632	-.0002
#2	6.444	.4093	.0369	.0047	-.0078	2.759	.0160	.0564	.4622	-.0003

Elem	Zr3391
Avg	.0616
Stddev	.0001
%RSD	.1228
#1	.0615
#2	.0616

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72217.	17470.	2170.8	5835.5
Stddev	255.	62.	1.7	2.6
%RSD	.35297	.35735	.07901	.04424
#1	72037.	17426.	2172.0	5837.3
#2	72397.	17514.	2169.6	5833.7

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/2/2010 23:08:16 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.020	2.027	2.030	2.097	2.077	1.970	2.091	2.042	.2565	2.069
Stddev	.000	.002	.002	.001	.000	.003	.003	.002	.0006	.003
%RSD	.0074	.1143	.1143	.0494	.0104	.1400	.1294	.0982	.2364	.1411
#1	2.021	2.028	2.029	2.096	2.077	1.968	2.093	2.040	.2560	2.071
#2	2.020	2.025	2.032	2.097	2.077	1.972	2.089	2.043	.2569	2.067
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.101	2.058	2.052	2.080	2.060	2.072	39.33	40.45	40.62	39.95
Stddev	.003	.001	.007	.000	.000	.005	.13	.08	.01	.07
%RSD	.1420	.0384	.3225	.0084	.0011	.2538	.3358	.1993	.0302	.1691
#1	2.099	2.057	2.047	2.080	2.060	2.075	39.42	40.51	40.63	40.00
#2	2.103	2.058	2.056	2.080	2.060	2.068	39.23	40.39	40.61	39.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.50	40.92	2.081	2.028	2.022	5.018	2.081	2.099	2.079	2.117
Stddev	.12	.10	.001	.006	.003	.004	.003	.000	.004	.006
%RSD	.2805	.2367	.0229	.2745	.1469	.0694	.1218	.0183	.1858	.2837
#1	41.58	40.99	2.082	2.024	2.024	5.016	2.079	2.099	2.076	2.113
#2	41.42	40.86	2.081	2.032	2.020	5.021	2.083	2.100	2.082	2.122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/2/2010 23:08:16 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.041
Stddev	.006
%RSD	.2931
#1	2.046
#2	2.037
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68925.	16720.	2060.6	5531.8
Stddev	73.	23.	2.0	6.6
%RSD	.10608	.13708	.09942	.11862
#1	68873.	16704.	2059.1	5527.2
#2	68977.	16736.	2062.0	5536.5

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/2/2010 23:14:05 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0005	.0005	.0003	.0005	.0002	.0009	.0008	.0000
Stddev	.0001	.0000	.0000	.0000	.0005	.0004	.0001	.0001	.0000
%RSD	11.24	3.874	2.746	10.56	93.20	240.5	6.246	14.98	186.4
#1	.0007	.0005	.0005	.0003	.0008	.0004	.0009	.0008	.0000
#2	.0006	.0005	.0005	.0003	.0002	-.0001	.0008	.0007	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	.0009	.0012	F.0021	.0001	.0009	.0011	.0130	.0059
Stddev	.0002	.0002	.0008	.0006	.0003	.0005	.0004	.0022	.0001
%RSD	19.00	19.76	62.19	28.79	248.7	53.34	40.93	16.64	2.247
#1	.0013	.0010	.0018	.0016	.0004	.0012	.0007	.0145	.0060
#2	.0010	.0008	.0007	.0025	-.0001	.0005	.0014	.0115	.0058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0020					
Low Limit				-.0020					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0195	.0009	.0459	.0204	-.0026	.0017	.0016	.0026	.0007
Stddev	.0018	.0104	.0075	.0037	.0001	.0004	.0009	.0004	.0001
%RSD	9.043	1143.	16.34	18.12	2.726	25.32	55.56	14.84	22.00
#1	.0182	-.0064	.0512	.0178	-.0026	.0021	.0022	.0029	.0006
#2	.0207	.0082	.0406	.0230	-.0027	.0014	.0010	.0024	.0008
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/2/2010 23:14:05 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0006	F.0011	.0128	.0012
Stddev	.0000	.0005	.0021	.0001
%RSD	7.663	42.02	16.72	4.702
#1	.0005	.0008	.0143	.0012
#2	.0006	.0014	.0113	.0011
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		.0010		
Low Limit		-.0010		

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71961.	17042.	2167.9	6087.4
Stddev	292.	8.	.3	6.1
%RSD	.40563	.04804	.01310	.10003
#1	72167.	17036.	2168.1	6091.7
#2	71755.	17048.	2167.7	6083.1

Zoom In Zoom Out

Sample Name: ja58900-10 Acquired: 11/2/2010 23:20:10 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1905	.0030	.0001	.0510	.0596	.1000	2.521	.1006	.0063	.0697
Stddev	.0008	.0000	.0001	.0001	.0005	.0005	.008	.0002	.0001	.0002
%RSD	.3958	.8820	98.88	.2800	.8762	.5351	.3114	.2460	1.015	.2548
#1	.1899	.0030	.0002	.0509	.0600	.0996	2.527	.1008	.0064	.0698
#2	.1910	.0029	.0000	.0511	.0593	.1004	2.516	.1005	.0063	.0695

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.3023	.0302	.0020	.0728	.0019	.0005	35.71	11.28	95.45	14.67
Stddev	.0009	.0006	.0026	.0001	.0006	.0001	.15	.01	.08	.01
%RSD	.2828	2.082	128.1	.0700	29.99	12.78	.4171	.1173	.0881	.0664
#1	.3029	.0297	.0038	.0728	.0023	.0005	35.60	11.29	95.39	14.68
#2	.3017	.0306	.0002	.0728	.0015	.0005	35.81	11.27	95.51	14.67

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	4.820	.3784	.0312	.0053	-.0041	2.116	.0169	.0490	.3352	.0057
Stddev	.021	.0037	.0002	.0001	.0001	.018	.0001	.0002	.0004	.0002
%RSD	.4323	.9846	.7572	1.296	3.235	.8660	.8141	.3070	.1060	2.939
#1	4.805	.3757	.0314	.0052	-.0040	2.129	.0168	.0489	.3350	.0056
#2	4.834	.3810	.0311	.0053	-.0042	2.103	.0170	.0491	.3355	.0058

Elem	Zr3391
Avg	.0420
Stddev	.0003
%RSD	.6750
#1	.0418
#2	.0422

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72570.	17461.	2177.6	5877.1
Stddev	13.	30.	.2	1.5
%RSD	.01736	.17118	.01081	.02511
#1	72579.	17482.	2177.5	5878.1
#2	72561.	17439.	2177.8	5876.0

Zoom In Zoom Out

Sample Name: ja58900-11 Acquired: 11/2/2010 23:26:06 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.3402	.0030	-.0003	.0560	.0982	.1072	2.609	.1288	.0019	.0956
Stddev	.0000	.0000	.0002	.0002	.0001	.0005	.000	.0007	.0002	.0001
%RSD	.0031	1.164	63.50	.3373	.1500	.4458	.0093	.5317	9.363	.1521
#1	.3402	.0030	-.0004	.0558	.0981	.1075	2.609	.1283	.0018	.0957
#2	.3402	.0030	-.0002	.0561	.0983	.1068	2.610	.1293	.0020	.0955

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.3614	.0315	.0025	.0810	.0002	.0006	48.99	11.63	111.6	16.72
Stddev	.0022	.0001	.0002	.0006	.0015	.0005	.10	.05	.2	.04
%RSD	.6017	.2143	8.233	.7606	919.3	82.03	.2073	.4507	.1909	.2329
#1	.3598	.0314	.0023	.0805	.0012	.0002	49.06	11.67	111.8	16.75
#2	.3629	.0315	.0026	.0814	-.0009	.0009	48.92	11.60	111.5	16.69

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.112	.4402	.0399	.0069	-.0061	2.297	.0187	.0573	.3793	.0054
Stddev	.006	.0018	.0001	.0004	.0004	.004	.0005	.0001	.0032	.0010
%RSD	.0978	.4068	.2362	5.390	6.875	.1565	2.611	.1720	.8536	18.22
#1	6.108	.4390	.0399	.0067	-.0058	2.295	.0183	.0573	.3770	.0047
#2	6.116	.4415	.0398	.0072	-.0064	2.300	.0190	.0572	.3816	.0060

Elem	Zr3391
Avg	.0528
Stddev	.0007
%RSD	1.411
#1	.0533
#2	.0523

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72608.	17673.	2185.4	5845.1
Stddev	53.	26.	.8	9.9
%RSD	.07280	.14917	.03728	.16914
#1	72571.	17654.	2186.0	5852.1
#2	72646.	17692.	2184.8	5838.2

Zoom In Zoom Out

Sample Name: ja58900-12 Acquired: 11/2/2010 23:32:01 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1906	.0029	-.0002	.0602	.0860	.1194	2.966	.1429	.0016	.0990
Stddev	.0006	.0000	.0001	.0000	.0003	.0003	.020	.0010	.0002	.0003
%RSD	.2916	1.058	50.84	.0260	.3703	.2156	.6576	.7332	9.553	.3093
#1	.1902	.0029	-.0002	.0602	.0862	.1192	2.980	.1436	.0017	.0992
#2	.1910	.0030	-.0003	.0602	.0858	.1196	2.952	.1421	.0015	.0987

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.3345	.0326	.0017	.0832	-.0008	.0005	52.58	14.18	143.6	23.53
Stddev	.0005	.0004	.0008	.0015	.0003	.0004	.03	.02	.2	.04
%RSD	.1374	1.122	46.73	1.832	36.50	93.55	.0493	.1387	.1105	.1521
#1	.3348	.0324	.0011	.0843	-.0010	.0002	52.56	14.20	143.5	23.55
#2	.3341	.0329	.0023	.0821	-.0006	.0008	52.60	14.17	143.7	23.50

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.200	.3824	.0427	.0069	-.0063	2.138	.0134	.0688	.2839	.0017
Stddev	.012	.0013	.0001	.0002	.0005	.028	.0004	.0002	.0017	.0002
%RSD	.2334	.3381	.2198	2.340	7.771	1.304	3.296	.2679	.6147	10.47
#1	5.192	.3833	.0426	.0067	-.0067	2.118	.0131	.0687	.2827	.0018
#2	5.209	.3815	.0427	.0070	-.0060	2.158	.0137	.0690	.2851	.0016

Elem	Zr3391
Avg	.0543
Stddev	.0004
%RSD	.8165
#1	.0540
#2	.0546

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72120.	17576.	2163.2	5809.5
Stddev	233.	7.	1.8	2.6
%RSD	.32343	.03769	.08305	.04409
#1	71956.	17581.	2164.5	5811.4
#2	72285.	17571.	2162.0	5807.7

Zoom In / Zoom Out

Sample Name: ja58900-14 Acquired: 11/2/2010 23:37:57 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.3579	.0042	.0001	.0778	.1173	.1324	3.745	.1859	.0019	.1263
Stddev	.0005	.0000	.0001	.0003	.0003	.0008	.000	.0009	.0003	.0003
%RSD	.1269	.1940	74.36	.3330	.2138	.5705	.0090	.4723	17.54	.2608
#1	.3575	.0042	.0000	.0780	.1171	.1319	3.745	.1865	.0021	.1265
#2	.3582	.0042	.0001	.0777	.1175	.1329	3.745	.1853	.0017	.1261

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.9664	.0378	-.0003	.0995	-.0006	.0003	72.19	13.39	170.6	26.04
Stddev	.0035	.0010	.0016	.0013	.0009	.0005	.08	.03	.4	.02
%RSD	.3581	2.744	597.7	1.310	139.2	157.4	.1160	.1984	.2558	.0955
#1	.9689	.0386	-.0014	.1004	-.0013	.0007	72.13	13.37	170.3	26.03
#2	.9640	.0371	.0009	.0986	.0000	.0000	72.25	13.40	170.9	26.06

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	8.751	.4241	.0544	.0082	-.0079	2.657	.0141	.0966	.3694	.0031
Stddev	.009	.0035	.0001	.0004	.0003	.007	.0002	.0001	.0033	.0001
%RSD	.0995	.8336	.2564	5.441	4.003	.2809	1.576	.0706	.8804	2.961
#1	8.745	.4266	.0543	.0085	-.0081	2.662	.0140	.0967	.3671	.0031
#2	8.757	.4216	.0545	.0079	-.0077	2.651	.0143	.0966	.3717	.0030

Elem	Zr3391
Avg	.0731
Stddev	.0000
%RSD	.0443
#1	.0731
#2	.0732

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72016.	17590.	2167.4	5756.4
Stddev	128.	17.	3.6	12.5
%RSD	.17757	.09480	.16749	.21629
#1	71925.	17601.	2164.8	5747.6
#2	72106.	17578.	2169.9	5765.2

Zoom In / Zoom Out

Sample Name: ja58948-1a Acquired: 11/2/2010 23:43:53 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0499	.0015	.0002	.0103	.0837	.0322	.2685	.0194	.0006	.1015
Stddev	.0002	.0000	.0000	.0003	.0002	.0001	.0001	.0004	.0002	.0002
%RSD	.3221	2.483	15.62	2.613	.2240	.4586	.0217	2.073	34.81	.1744
#1	.0498	.0015	.0002	.0105	.0839	.0321	.2686	.0197	.0008	.1014
#2	.0500	.0016	.0002	.0101	.0836	.0323	.2685	.0191	.0005	.1016

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0843	.0327	.0019	.0337	.0008	.0005	21.24	1.419	63.87	3.037
Stddev	.0003	.0009	.0009	.0005	.0008	.0002	.10	.007	.19	.006
%RSD	.4017	2.896	49.74	1.567	106.6	30.73	.4635	.5229	.2985	.1899
#1	.0845	.0333	.0025	.0333	.0002	.0006	21.17	1.413	63.74	3.032
#2	.0840	.0320	.0012	.0341	.0014	.0004	21.31	1.424	64.01	3.041

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.131	.1231	.0481	.0019	-.0012	1.694	.0183	.0189	.6749	.0004
Stddev	.035	.0008	.0004	.0000	.0005	.007	.0001	.0000	.0009	.0002
%RSD	.6734	.6289	.8509	.8134	38.31	.4390	.4930	.2067	.1261	55.59
#1	5.106	.1237	.0478	.0019	-.0015	1.689	.0182	.0190	.6743	.0002
#2	5.155	.1226	.0483	.0019	-.0009	1.699	.0184	.0189	.6755	.0006

Elem	Zr3391
Avg	.0185
Stddev	.0003
%RSD	1.562
#1	.0187
#2	.0183

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71892.	17402.	2179.8	6029.3
Stddev	151.	67.	2.2	1.3
%RSD	.21025	.38239	.10222	.02084
#1	71785.	17449.	2181.4	6030.2
#2	71998.	17355.	2178.2	6028.4

Zoom In / Zoom Out

Sample Name: ja58949-1a Acquired: 11/2/2010 23:49:51 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0276	.0004	.0001	.0027	.0517	.0207	.0393	.0129	-.0001	.0253
Stddev	.0000	.0000	.0000	.0001	.0006	.0001	.0003	.0001	.0002	.0000
%RSD	.0759	5.692	9.487	2.171	1.215	.4167	.6410	.8552	199.8	.0205
#1	.0276	.0004	.0001	.0028	.0513	.0207	.0391	.0128	-.0002	.0253
#2	.0276	.0004	.0001	.0027	.0521	.0206	.0395	.0129	.0000	.0253

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0154	.0032	.0000	.0189	.0003	.0003	13.16	.4887	10.70	.5027
Stddev	.0000	.0001	.000	.0001	.0006	.0006	.01	.0001	.02	.0039
%RSD	.0406	1.910	4206.	.6549	239.3	183.8	.0685	.0196	.2197	.7816
#1	.0154	.0032	-.0002	.0189	-.0002	.0008	13.15	.4887	10.72	.5055
#2	.0154	.0032	.0002	.0188	.0007	-.0001	13.16	.4886	10.69	.4999

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.6979	.2056	.0029	.0005	-.0048	1.397	.0198	.0056	1.632	-.0014
Stddev	.0070	.0032	.0001	.0000	.0004	.002	.0002	.0000	.009	.0003
%RSD	.9974	1.544	4.574	3.981	8.130	.1106	1.100	.4112	.5769	19.31
#1	.7028	.2079	.0030	.0005	-.0046	1.396	.0197	.0056	1.625	-.0016
#2	.6930	.2034	.0028	.0005	-.0051	1.398	.0200	.0056	1.639	-.0012

Elem	Zr3391
Avg	.0670
Stddev	.0009
%RSD	1.360
#1	.0676
#2	.0663

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72509.	17307.	2195.4	6121.0
Stddev	211.	73.	3.4	1.6
%RSD	.29056	.42361	.15549	.02569
#1	72658.	17255.	2197.8	6122.1
#2	72360.	17359.	2193.0	6119.9

Zoom In / Zoom Out

Sample Name: mp55452-mb1 1 Acquired: 11/2/2010 23:55:50 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0021	-.0001	-.0001	.0000	-.0010	.0004	.0002	.0006	-.0002	.0002
Stddev	.0001	.0000	.0001	.0001	.0002	.0001	.0000	.0001	.0002	.0003
%RSD	3.727	23.37	130.0	696.8	21.67	33.22	17.70	9.822	75.66	185.5
#1	.0020	-.0001	.0000	-.0001	-.0008	.0003	.0002	.0007	-.0001	.0000
#2	.0021	-.0001	-.0001	.0001	-.0011	.0005	.0003	.0006	-.0003	.0004

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0013	.0008	.0022	.0006	-.0016	-.0007	.0056	-.0028	.0230	.0010
Stddev	.0000	.0001	.0003	.0001	.0006	.0003	.0002	.0006	.0033	.0241
%RSD	1.464	15.75	13.67	21.90	38.43	48.84	4.260	22.75	14.57	2360.
#1	.0014	.0009	.0024	.0005	-.0020	-.0005	.0055	-.0023	.0253	.0181
#2	.0013	.0007	.0020	.0007	-.0012	-.0010	.0058	-.0032	.0206	-.0161

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0006	-.0156	-.0069	-.0023	.0008	.0004	.0004	.0000	.0007	-.0038
Stddev	.0055	.0019	.0001	.0000	.0003	.0002	.0002	.0000	.0003	.0002
%RSD	928.6	12.46	.9963	1.334	36.35	55.75	51.81	23.83	48.22	4.137
#1	.0045	-.0169	-.0070	-.0023	.0010	.0005	.0002	.0000	.0009	-.0037
#2	-.0033	-.0142	-.0069	-.0023	.0006	.0002	.0005	.0000	.0004	-.0039

Elem	Zr3391
Avg	.0000
Stddev	.0002
%RSD	1573.
#1	-.0001
#2	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73701.	17587.	2219.1	6266.8
Stddev	239.	46.	14.8	26.0
%RSD	.32366	.26263	.66628	.41410
#1	73533.	17554.	2229.5	6285.1
#2	73870.	17620.	2208.6	6248.4

Zoom In / Zoom Out

Sample Name: mp55452-lc1 Acquired: 11/3/2010 0:01:51 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.4725	.4749	.4800	.5026	.4919	.4449	.4968	.4793	.1971	.4608
Stddev	.0004	.0004	.0009	.0002	.0014	.0007	.0015	.0002	.0004	.0024
%RSD	.0909	.0878	.1793	.0462	.2803	.1540	.2950	.0315	.1958	.5194
#1	.4728	.4752	.4806	.5028	.4909	.4444	.4957	.4792	.1968	.4591
#2	.4722	.4746	.4794	.5025	.4929	.4454	.4978	.4794	.1974	.4625

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5040	.4869	.4884	.4924	.4914	.4938	4.624	5.333	5.415	5.131
Stddev	.0004	.0004	.0001	.0005	.0003	.0017	.005	.008	.017	.003
%RSD	.0697	.0745	.0259	.1071	.0652	.3348	.1025	.1572	.3106	.0569
#1	.5038	.4866	.4883	.4920	.4916	.4926	4.627	5.339	5.427	5.133
#2	.5043	.4872	.4885	.4927	.4911	.4949	4.621	5.328	5.404	5.129

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	9.876	9.747	.0108	.4735	.0055	.1588	.0013	.0003	.4910	.0005
Stddev	.017	.038	.0001	.0002	.0002	.0006	.0004	.0000	.0014	.0001
%RSD	.1747	.3887	.6350	.0381	3.702	.3515	32.33	6.949	.2811	24.56
#1	9.888	9.773	.0109	.4736	.0054	.1591	.0010	.0002	.4900	.0006
#2	9.863	9.720	.0108	.4733	.0057	.1584	.0016	.0003	.4919	.0004

Elem	Zr3391
Avg	.0142
Stddev	.0011
%RSD	7.538
#1	.0149
#2	.0134

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72042.	17411.	2171.5	6049.4
Stddev	169.	80.	1.9	1.3
%RSD	.23508	.45794	.08799	.02227
#1	72162.	17355.	2170.2	6050.3
#2	71922.	17468.	2172.9	6048.4

Zoom In / Zoom Out

Sample Name: mp55452-s1 Acquired: 11/3/2010 0:07:40 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.875	.0470	.0471	.4803	.1909	.2216	.4752	.4678	.0512	.4458
Stddev	.008	.0002	.0002	.0013	.0002	.0004	.0000	.0008	.0001	.0002
%RSD	.4150	.4595	.5048	.2703	.0954	.1930	.0086	.1789	.1792	.0479
#1	1.880	.0472	.0469	.4794	.1910	.2213	.4752	.4672	.0513	.4460
#2	1.869	.0469	.0473	.4812	.1907	.2219	.4752	.4684	.0511	.4457

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4911	1.925	1.862	.4784	1.965	.4880	1.860	90.11	.9478	44.01
Stddev	.0004	.005	.013	.0025	.008	.0003	.006	.74	.0091	.48
%RSD	.0787	.2510	.6847	.5242	.3934	.0696	.3116	.8215	.9646	1.099
#1	.4909	1.922	1.853	.4767	1.960	.4878	1.864	90.63	.9543	44.35
#2	.4914	1.928	1.871	.4802	1.970	.4883	1.856	89.59	.9414	43.66

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	28.96	48.96	.0976	.0115	.0029	10.53	-.0001	1.104	.0012	-.0017
Stddev	.15	.25	.0002	.0001	.0005	.04	.0004	.005	.0004	.0003
%RSD	.5313	.5196	.2355	.5740	16.58	.3448	514.3	.4588	30.19	17.12
#1	29.07	49.14	.0975	.0116	.0026	10.50	-.0004	1.108	.0015	-.0019
#2	28.85	48.78	.0978	.0115	.0033	10.56	.0002	1.101	.0010	-.0015

Elem	Zr3391
Avg	.0003
Stddev	.0001
%RSD	42.45
#1	.0002
#2	.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70371.	17149.	2097.3	5707.8
Stddev	109.	143.	5.2	13.7
%RSD	.15426	.83461	.24631	.24077
#1	70447.	17047.	2101.0	5717.5
#2	70294.	17250.	2093.7	5698.1

Zoom In / Zoom Out

Sample Name: mp55452-s2 Acquired: 11/3/2010 0:13:30 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.904	.0480	.0481	.4930	.1962	.2269	.4848	.4791	.0527	.4532
Stddev	.007	.0001	.0001	.0010	.0010	.0002	.0004	.0019	.0002	.0011
%RSD	.3853	.1767	.1556	.1956	.5007	.0822	.0777	.4018	.3031	.2353
#1	1.899	.0480	.0480	.4923	.1955	.2267	.4846	.4777	.0526	.4524
#2	1.909	.0481	.0481	.4936	.1969	.2270	.4851	.4804	.0528	.4539

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5032	1.979	1.900	.4926	2.024	.5068	1.894	91.74	.9658	44.82
Stddev	.0002	.002	.006	.0023	.006	.0027	.005	.12	.0028	.01
%RSD	.0328	.1042	.3271	.4668	.2856	.5267	.2835	.1302	.2851	.0287
#1	.5033	1.978	1.895	.4910	2.020	.5049	1.890	91.66	.9639	44.81
#2	.5031	1.981	1.904	.4943	2.029	.5087	1.897	91.83	.9678	44.83

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	29.59	49.98	.0992	.0111	.0029	10.64	.0004	1.119	.0013	-.0011
Stddev	.17	.15	.0000	.0000	.0010	.03	.0001	.003	.0001	.0002
%RSD	.5709	.2947	.0129	.0245	34.53	.2568	26.08	.2430	7.168	14.02
#1	29.47	49.88	.0992	.0111	.0022	10.62	.0004	1.117	.0013	-.0012
#2	29.71	50.09	.0992	.0111	.0037	10.66	.0005	1.121	.0012	-.0010

Elem	Zr3391
Avg	-.0001
Stddev	.0000
%RSD	.7785
#1	-.0001
#2	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70426.	17290.	2095.7	5686.9
Stddev	215.	53.	8.3	26.8
%RSD	.30538	.30904	.39627	.47199
#1	70578.	17328.	2101.6	5705.9
#2	70274.	17252.	2089.9	5667.9

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/3/2010 0:19:21 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.965	2.011	1.975	2.074	2.072	1.927	2.065	2.003	.2554	2.030
Stddev	.002	.005	.003	.001	.005	.002	.007	.002	.0000	.006
%RSD	.1233	.2367	.1699	.0558	.2251	.0858	.3547	.1037	.0196	.3080
#1	1.967	2.014	1.973	2.074	2.069	1.926	2.060	2.002	.2554	2.025
#2	1.964	2.007	1.978	2.075	2.075	1.928	2.070	2.004	.2555	2.034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.099	2.039	2.002	2.070	2.034	2.057	38.69	40.56	40.14	39.97
Stddev	.000	.002	.008	.002	.001	.002	.13	.05	.00	.04
%RSD	.0191	.0826	.3866	.1183	.0342	.0898	.3327	.1162	.0098	.0998
#1	2.099	2.038	1.997	2.072	2.035	2.055	38.78	40.59	40.13	39.99
#2	2.099	2.041	2.008	2.068	2.034	2.058	38.59	40.52	40.14	39.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.04	40.42	2.059	1.960	1.991	4.845	2.037	2.063	2.098	2.126
Stddev	.15	.13	.000	.005	.001	.008	.000	.002	.004	.007
%RSD	.3647	.3233	.0207	.2733	.0549	.1721	.0018	.0875	.1785	.3376
#1	41.15	40.51	2.060	1.956	1.990	4.840	2.037	2.064	2.095	2.121
#2	40.93	40.33	2.059	1.963	1.992	4.851	2.037	2.061	2.101	2.131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 0:19:21 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.984
Stddev	.006
%RSD	.3140
#1	1.979
#2	1.988
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68785.	16892.	2091.5	5577.5
Stddev	321.	76.	.4	.2
%RSD	.46668	.45182	.01977	.00305
#1	69012.	16838.	2091.8	5577.6
#2	68558.	16946.	2091.2	5577.3

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 0:25:10 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	.0007	.0004	.0004	.0003	.0001	.0008	.0008	.0002
Stddev	.0001	.0000	.0003	.0001	.0001	.0005	.0001	.0002	.0000
%RSD	6.920	5.443	84.67	16.77	32.24	455.8	16.50	28.28	15.32
#1	.0012	.0007	.0007	.0005	.0004	.0004	.0009	.0010	.0001
#2	.0011	.0007	.0002	.0004	.0002	-.0002	.0007	.0007	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0008	.0007	.0016	.0003	.0009	.0009	.0135	.0186
Stddev	.0002	.0001	.0004	.0005	.0000	.0001	.0006	.0035	.0023
%RSD	24.09	6.938	59.22	34.16	6.019	10.85	58.97	25.49	12.57
#1	.0011	.0009	.0004	.0020	.0002	.0008	.0005	.0111	.0203
#2	.0008	.0008	.0010	.0012	.0003	.0010	.0013	.0160	.0170
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0171	.0091	.0828	.0302	-.0030	.0014	.0014	.0020	.0011
Stddev	.0012	.0062	.0218	.0031	.0005	.0005	.0001	.0001	.0004
%RSD	7.029	68.21	26.39	10.22	15.93	33.44	4.584	7.033	34.77
#1	.0180	.0135	.0982	.0324	-.0027	.0017	.0013	.0021	.0014
#2	.0163	.0047	.0673	.0280	-.0034	.0011	.0014	.0019	.0008
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 0:25:10 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0008	.0010	.0125	.0011
Stddev	.0000	.0001	.0020	.0001
%RSD	1.715	6.965	15.66	8.866
#1	.0008	.0009	.0138	.0010
#2	.0008	.0010	.0111	.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71901.	17151.	2203.2	6150.2
Stddev	312.	37.	4.9	2.7
%RSD	.43404	.21426	.22083	.04388
#1	71681.	17125.	2199.8	6148.3
#2	72122.	17177.	2206.7	6152.1

Zoom In Zoom Out

Sample Name: ja59336-2f Acquired: 11/3/2010 0:31:13 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0505	.0003	-.0003	-.0005	.0011	-.0001	-.0002	.0008	.0002	.0045
Stddev	.0000	.0001	.0000	.0002	.0004	.0005	.0000	.0000	.0001	.0002
%RSD	.0764	19.39	10.31	49.04	35.10	397.3	14.65	2.966	46.73	4.085
#1	.0505	.0003	-.0003	-.0003	.0014	.0002	-.0002	.0008	.0001	.0047
#2	.0504	.0002	-.0003	-.0007	.0008	-.0004	-.0002	.0008	.0002	.0044

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0093	.0016	.0023	-.0001	.0003	-.0002	-.0040	66.93	-.0090	19.98
Stddev	.0000	.0004	.0006	.0002	.0008	.0000	.0007	.10	.0004	.04
%RSD	.3444	26.62	24.90	224.7	243.4	20.96	16.73	.1454	4.010	.1894
#1	.0093	.0013	.0019	.0000	.0009	-.0003	-.0036	67.00	-.0087	20.00
#2	.0093	.0019	.0027	-.0002	-.0003	-.0002	-.0045	66.86	-.0092	19.95

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.896	24.36	.0899	.0090	-.0019	10.28	.0004	1.096	.0010	.0016
Stddev	.024	.13	.0003	.0001	.0004	.01	.0005	.001	.0000	.0001
%RSD	.6106	.5177	.3015	.6919	22.11	.1011	139.7	.1251	3.829	3.422
#1	3.879	24.27	.0897	.0089	-.0016	10.27	.0007	1.095	.0010	.0017
#2	3.913	24.45	.0901	.0090	-.0022	10.29	.0000	1.097	.0010	.0016

Elem	Zr3391
Avg	-.0025
Stddev	.0001
%RSD	3.152
#1	-.0026
#2	-.0025

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71606.	17459.	2156.2	5945.7
Stddev	237.	23.	13.7	36.3
%RSD	.33075	.13363	.63577	.60969
#1	71439.	17443.	2165.9	5971.3
#2	71774.	17476.	2146.5	5920.0

Zoom In Zoom Out

Sample Name: mp55452-sd1 Acquired: 11/3/2010 0:37:12 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0497	-.0002	.0001	-.0017	.0005	-.0002	.0000	.0038	-.0006	.0059
Stddev	.0006	.0001	.0007	.0003	.0009	.0007	.000	.0008	.0008	.0006
%RSD	1.232	61.14	741.4	18.82	185.7	422.1	586.8	20.64	131.5	10.48
#1	.0502	-.0001	-.0004	-.0019	.0011	-.0007	-.0001	.0043	.0000	.0055
#2	.0493	-.0002	.0006	-.0015	-.0002	.0003	.0001	.0032	-.0012	.0063

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0168	.0042	.0045	.0029	.0004	.0005	-.0051	65.23	-.0081	19.15
Stddev	.0001	.0014	.0036	.0026	.0011	.0011	.0010	.39	.0045	.14
%RSD	.4736	33.34	78.42	88.89	310.2	231.5	19.84	.5945	55.05	.7352
#1	.0168	.0032	.0020	.0048	.0011	-.0003	-.0058	65.50	-.0113	19.24
#2	.0167	.0052	.0071	.0011	-.0004	.0012	-.0044	64.95	-.0050	19.05

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.833	23.47	.0813	.0118	-.0019	9.778	.0020	1.063	.0005	.0134
Stddev	.062	.07	.0013	.0004	.0007	.027	.0041	.001	.0004	.0012
%RSD	1.625	.3193	1.610	3.205	34.63	.2775	200.3	.0695	71.67	8.984
#1	3.789	23.42	.0822	.0120	-.0014	9.759	-.0008	1.063	.0008	.0142
#2	3.877	23.53	.0803	.0115	-.0024	9.798	.0049	1.064	.0003	.0125

Elem	Zr3391
Avg	-.0010
Stddev	.0002
%RSD	17.26
#1	-.0011
#2	-.0008

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71551.	17372.	2198.2	6128.9
Stddev	41.	68.	1.6	5.0
%RSD	.05794	.39084	.07295	.08106
#1	71521.	17324.	2197.0	6125.3
#2	71580.	17420.	2199.3	6132.4

Zoom In Zoom Out

Sample Name: ja59336-1f Acquired: 11/3/2010 0:43:13 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0654	.0000	.0001	-.0007	.0007	.0003	-.0005	.0007	.0002	.0060
Stddev	.0004	.000	.0000	.0000	.0002	.0001	.0000	.0001	.0004	.0001
%RSD	.6729	1128.	2.090	3.259	23.41	32.11	9.645	14.57	245.7	2.214
#1	.0650	.0000	.0001	-.0007	.0008	.0004	-.0005	.0006	-.0001	.0059
#2	.0657	.0000	.0001	-.0007	.0006	.0002	-.0006	.0008	.0004	.0061

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0130	.0023	.0015	.0011	.0056	-.0004	-.0028	46.26	-.0126	12.73
Stddev	.0001	.0001	.0003	.0002	.0005	.0003	.0040	.12	.0004	.02
%RSD	.7183	5.057	22.30	17.98	9.093	62.82	146.0	.2696	3.001	.1682
#1	.0129	.0022	.0018	.0012	.0053	-.0002	.0001	46.17	-.0129	12.72
#2	.0131	.0024	.0013	.0009	.0060	-.0006	-.0056	46.35	-.0123	12.75

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.043	20.59	.0518	.0083	-.0011	10.55	.0000	.8772	.0011	-.0013
Stddev	.033	.13	.0003	.0001	.0001	.05	.000	.0045	.0001	.0000
%RSD	1.073	.6149	.6176	1.309	13.54	.4526	5438.	.5166	13.16	2.357
#1	3.020	20.50	.0516	.0082	-.0012	10.51	.0003	.8740	.0012	-.0013
#2	3.067	20.68	.0520	.0083	-.0010	10.58	-.0003	.8804	.0010	-.0013

Elem	Zr3391
Avg	-.0034
Stddev	.0000
%RSD	.5975
#1	-.0034
#2	-.0034

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71956.	17625.	2181.4	6049.2
Stddev	222.	121.	10.0	21.2
%RSD	.30801	.68728	.45768	.35064
#1	72112.	17710.	2188.5	6064.2
#2	71799.	17539.	2174.4	6034.3

Zoom In Zoom Out

Sample Name: ja59336-3f Acquired: 11/3/2010 0:49:14 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2421	.0000	.0001	-.0004	.0020	.0002	.0000	.0010	.0002	.0066
Stddev	.0010	.000	.0001	.0001	.0001	.0001	.0000	.0002	.0001	.0003
%RSD	.3977	2.181	122.8	14.51	5.199	29.64	122.7	17.62	37.70	3.887
#1	.2415	.0000	.0000	-.0003	.0019	.0002	.0001	.0011	.0001	.0068
#2	.2428	.0000	.0001	-.0004	.0021	.0002	.0000	.0009	.0003	.0064

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0045	.0020	.0022	.0006	-.0004	-.0008	.0050	50.56	-.0069	6.837
Stddev	.0000	.0003	.0004	.0000	.0002	.0005	.0063	.12	.0005	.016
%RSD	.0212	12.85	20.79	8.503	60.41	65.10	126.7	.2314	7.084	.2272
#1	.0045	.0022	.0025	.0006	-.0002	-.0004	.0005	50.64	-.0066	6.826
#2	.0045	.0019	.0018	.0005	-.0006	-.0012	.0094	50.48	-.0072	6.848

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.345	6.067	.0318	.0062	-.0014	10.86	.0003	.3824	.0010	-.0020
Stddev	.007	.018	.0002	.0000	.0011	.02	.0000	.0013	.0000	.0002
%RSD	.2229	.3055	.6079	.7069	78.21	.2064	14.76	.3376	2.798	9.223
#1	3.340	6.054	.0316	.0062	-.0022	10.84	.0003	.3815	.0010	-.0022
#2	3.351	6.080	.0319	.0062	-.0006	10.87	.0002	.3833	.0010	-.0019

Elem	Zr3391
Avg	-.0036
Stddev	.0001
%RSD	1.604
#1	-.0035
#2	-.0036

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72085.	17631.	2167.0	6043.0
Stddev	126.	12.	3.7	1.8
%RSD	.17545	.06902	.17230	.03015
#1	71996.	17622.	2169.6	6044.3
#2	72175.	17639.	2164.3	6041.7

Zoom In Zoom Out

Sample Name: ja59336-4f Acquired: 11/3/2010 0:55:14 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0967	.0001	.0014	.0009	.0020	.0004	.0212	.0012	.0005	.0040
Stddev	.0002	.0000	.0002	.0001	.0001	.0001	.0000	.0002	.0002	.0001
%RSD	.1989	64.03	12.51	15.71	4.337	28.14	.1996	14.54	29.23	2.661
#1	.0968	.0001	.0015	.0008	.0021	.0003	.0212	.0013	.0006	.0039
#2	.0966	.0000	.0013	.0010	.0020	.0005	.0213	.0010	.0004	.0041

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0104	.0019	.0014	.0019	.0078	-.0008	.1401	71.51	.0941	13.98
Stddev	.0001	.0002	.0014	.0002	.0011	.0008	.0027	.43	.0018	.12
%RSD	.6444	8.831	98.46	11.76	13.59	96.87	1.953	.6044	1.954	.8645
#1	.0104	.0020	.0024	.0020	.0085	-.0014	.1381	71.82	.0954	14.07
#2	.0104	.0018	.0004	.0017	.0070	-.0003	.1420	71.21	.0928	13.90

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.737	19.88	.0540	.0888	-.0018	9.979	.0004	.8167	.0049	-.0007
Stddev	.009	.04	.0001	.0006	.0002	.002	.0000	.0007	.0000	.0010
%RSD	.2416	.2091	.1087	.7239	8.848	.0158	12.84	.0834	.9835	148.2
#1	3.744	19.91	.0539	.0883	-.0017	9.978	.0004	.8171	.0049	-.0013
#2	3.731	19.85	.0540	.0892	-.0019	9.980	.0004	.8162	.0049	.0000

Elem	Zr3391
Avg	-.0025
Stddev	.0001
%RSD	4.221
#1	-.0026
#2	-.0024

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71438.	17610.	2138.5	5933.8
Stddev	317.	21.	.5	3.3
%RSD	.44426	.11865	.02147	.05578
#1	71662.	17595.	2138.8	5936.2
#2	71213.	17625.	2138.1	5931.5

Zoom In Zoom Out

Sample Name: ja59336-5f Acquired: 11/3/2010 1:01:13 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0375	-.0001	-.0003	-.0003	.0013	.0009	.0031	.0005	.0006	.0126
Stddev	.0001	.0000	.0000	.0000	.0004	.0001	.0000	.0001	.0000	.0000
%RSD	.2864	65.11	13.66	3.727	28.42	9.099	.9241	23.34	4.159	.0422
#1	.0376	-.0001	-.0002	-.0003	.0010	.0010	.0031	.0004	.0006	.0126
#2	.0374	.0000	-.0003	-.0003	.0015	.0009	.0032	.0006	.0007	.0126

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0190	.0144	.0046	.0009	.0036	.0023	.3300	38.66	.1244	.3080
Stddev	.0001	.0009	.0005	.0005	.0010	.0005	.0008	.14	.0019	.0110
%RSD	.6511	6.077	10.78	50.72	28.63	20.51	.2356	.3602	1.529	3.576
#1	.0190	.0138	.0049	.0013	.0043	.0026	.3295	38.76	.1231	.3002
#2	.0189	.0150	.0042	.0006	.0028	.0019	.3306	38.56	.1258	.3158

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.538	19.91	.0587	.0441	-.0007	17.33	.0003	.2769	.0060	-.0011
Stddev	.006	.06	.0001	.0001	.0002	.00	.0006	.0006	.0002	.0003
%RSD	.2391	.3123	.2520	.1243	29.55	.0163	192.3	.1998	4.024	25.24
#1	2.542	19.95	.0586	.0441	-.0006	17.33	.0008	.2773	.0058	-.0013
#2	2.533	19.86	.0588	.0442	-.0009	17.33	-.0001	.2765	.0062	-.0009

Elem	Zr3391
Avg	-.0053
Stddev	.0001
%RSD	2.598
#1	-.0054
#2	-.0052

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72004.	17715.	2175.7	6050.7
Stddev	122.	2.	1.3	.7
%RSD	.16948	.01388	.06199	.01195
#1	72091.	17717.	2176.7	6050.2
#2	71918.	17714.	2174.8	6051.3

Zoom In Zoom Out

Sample Name: ja59336-6f Acquired: 11/3/2010 1:07:13 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1282	.0000	.0000	.0010	.0038	.0003	.2787	.0021	.0005	.0135
Stddev	.0002	.0000	.0001	.0001	.0000	.0001	.0005	.0004	.0000	.0003
%RSD	.1418	83.68	484.0	9.753	.0752	31.73	.1914	16.96	3.519	2.078
#1	.1283	.0000	.0000	.0009	.0038	.0004	.2791	.0018	.0005	.0137
#2	.1281	.0000	.0001	.0011	.0038	.0002	.2783	.0023	.0005	.0133

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0375	.0123	.0039	.0010	-.0005	.0004	.0209	43.50	4.732	9.146
Stddev	.0000	.0010	.0011	.0004	.0004	.0005	.0009	.27	.005	.034
%RSD	.0797	8.053	27.66	37.01	83.88	124.9	4.354	.6142	.1038	.3733
#1	.0375	.0130	.0047	.0013	-.0002	.0008	.0202	43.68	4.735	9.171
#2	.0375	.0116	.0032	.0008	-.0008	.0001	.0215	43.31	4.728	9.122

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.441	26.84	.0715	.0075	-.0017	12.40	.0002	.5732	.0015	-.0025
Stddev	.007	.01	.0005	.0000	.0009	.07	.0004	.0003	.0003	.0001
%RSD	.1908	.0284	.6911	.3944	52.61	.5680	259.8	.0492	21.29	5.046
#1	3.436	26.84	.0711	.0076	-.0011	12.35	.0004	.5734	.0013	-.0026
#2	3.445	26.83	.0718	.0075	-.0024	12.45	-.0001	.5730	.0018	-.0024

Elem	Zr3391
Avg	-.0039
Stddev	.0000
%RSD	.3726
#1	-.0039
#2	-.0039

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71595.	17598.	2155.8	5980.8
Stddev	194.	8.	13.3	26.6
%RSD	.27047	.04445	.61648	.44495
#1	71458.	17603.	2165.2	5999.6
#2	71732.	17592.	2146.4	5962.0

Zoom In Zoom Out

Sample Name: ja59336-7f Acquired: 11/3/2010 1:13:11 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1658	.0000	-.0002	-.0006	.0006	.0006	.0002	.0006	.0006	.0075
Stddev	.0007	.000	.0001	.0001	.0002	.0001	.0001	.0001	.0003	.0002
%RSD	.4291	1.949	68.44	16.40	27.48	22.67	21.34	21.43	59.86	3.025
#1	.1663	.0000	-.0003	-.0006	.0007	.0007	.0003	.0007	.0008	.0074
#2	.1653	.0000	-.0001	-.0005	.0005	.0005	.0002	.0005	.0003	.0077

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0034	.0034	.0030	.0004	-.0002	-.0010	-.0032	63.72	-.0161	9.005
Stddev	.0000	.0007	.0008	.0002	.0003	.0004	.0033	.12	.0015	.045
%RSD	.8707	20.01	26.30	38.00	158.7	43.81	102.5	.1876	9.470	.5042
#1	.0034	.0029	.0035	.0003	-.0004	-.0007	-.0009	63.80	-.0172	9.037
#2	.0034	.0039	.0024	.0005	.0000	-.0013	-.0056	63.64	-.0150	8.973

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.816	25.42	.0686	.0130	-.0020	14.56	.0003	.5047	.0012	-.0025
Stddev	.006	.10	.0003	.0001	.0007	.07	.0004	.0023	.0000	.0003
%RSD	.1570	.3862	.4566	.5837	34.50	.4601	102.1	.4474	.2674	10.30
#1	3.812	25.49	.0684	.0130	-.0025	14.52	.0006	.5063	.0012	-.0024
#2	3.820	25.35	.0688	.0131	-.0015	14.61	.0001	.5031	.0012	-.0027

Elem	Zr3391
Avg	-.0051
Stddev	.0001
%RSD	1.432
#1	-.0051
#2	-.0050

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71017.	17669.	2124.2	5900.0
Stddev	256.	43.	6.7	13.2
%RSD	.36031	.24587	.31615	.22360
#1	70836.	17638.	2128.9	5909.3
#2	71198.	17700.	2119.4	5890.7

Zoom In Zoom Out

Sample Name: ja59336-8f Acquired: 11/3/2010 1:19:10 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0663	-.0001	.0006	-.0004	.0014	.0003	-.0008	.0005	.0000	.0058
Stddev	.0000	.0000	.0001	.0001	.0001	.0001	.0000	.0001	.0003	.0000
%RSD	.0303	22.55	14.38	14.17	7.137	46.56	5.115	25.28	550.6	.7905
#1	.0663	-.0001	.0007	-.0004	.0013	.0004	-.0008	.0006	.0002	.0057
#2	.0663	-.0001	.0005	-.0004	.0015	.0002	-.0008	.0004	-.0001	.0058

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0211	.0026	.0024	.0004	.0012	-.0009	-.0051	43.43	-.0122	11.59
Stddev	.0000	.0002	.0004	.0001	.0004	.0000	.0010	.08	.0000	.03
%RSD	.1683	8.566	18.06	24.49	37.11	4.625	19.68	.1931	.1333	.2679
#1	.0211	.0027	.0027	.0003	.0015	-.0008	-.0058	43.49	-.0122	11.57
#2	.0212	.0024	.0021	.0004	.0009	-.0009	-.0044	43.38	-.0122	11.61

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.941	19.47	.0525	.0088	-.0010	10.28	.0005	.7741	.0007	-.0029
Stddev	.007	.06	.0008	.0003	.0001	.06	.0002	.0004	.0003	.0001
%RSD	.2499	.3198	1.570	2.953	12.23	.5452	47.35	.0518	39.55	4.006
#1	2.936	19.51	.0531	.0090	-.0009	10.32	.0003	.7744	.0005	-.0029
#2	2.946	19.42	.0519	.0086	-.0010	10.24	.0006	.7738	.0009	-.0028

Elem	Zr3391
Avg	-.0034
Stddev	.0002
%RSD	4.731
#1	-.0033
#2	-.0035

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71385.	17706.	2145.9	5983.0
Stddev	353.	27.	1.0	.1
%RSD	.49487	.15277	.04856	.00109
#1	71634.	17687.	2145.2	5983.0
#2	71135.	17726.	2146.7	5982.9

Zoom In Zoom Out

Sample Name: ja59336-9f Acquired: 11/3/2010 1:25:10 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.5397	.0003	.0028	.0009	.0019	.0196	.0043	.0019	.0004	.0021
Stddev	.0045	.0000	.0001	.0001	.0001	.0001	.0000	.0002	.0000	.0000
%RSD	.8345	14.56	3.331	11.43	4.212	.7444	.6362	9.562	5.762	1.242
#1	.5429	.0003	.0027	.0008	.0018	.0198	.0043	.0021	.0004	.0021
#2	.5365	.0003	.0029	.0010	.0020	.0195	.0044	.0018	.0004	.0020

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0391	.0032	-.0010	.0009	.0293	.0002	2.571	244.3	.2156	.0484
Stddev	.0001	.0007	.0017	.0002	.0001	.0005	.013	3.3	.0022	.0046
%RSD	.2637	22.55	169.1	26.30	.2071	246.1	.4896	1.342	1.039	9.553
#1	.0390	.0038	-.0022	.0008	.0292	.0006	2.579	246.6	.2171	.0452
#2	.0392	.0027	.0002	.0011	.0293	-.0001	2.562	242.0	.2140	.0517

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	229.0	132.3	.0380	.0297	-.0046	.9381	.0003	12.11	.0050	-.0019
Stddev	2.3	1.8	.0003	.0005	.0004	.0042	.0001	.08	.0001	.0002
%RSD	.9826	1.394	.6956	1.737	9.346	.4434	52.22	.6265	2.036	8.861
#1	230.6	133.6	.0378	.0293	-.0043	.9351	.0002	12.16	.0051	-.0018
#2	227.4	131.0	.0381	.0301	-.0049	.9410	.0004	12.05	.0049	-.0020

Elem	Zr3391
Avg	-.0003
Stddev	.0001
%RSD	18.09
#1	-.0003
#2	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	67010.	17140.	1981.9	5198.3
Stddev	213.	121.	9.6	20.2
%RSD	.31724	.70669	.48550	.38949
#1	66860.	17055.	1988.7	5212.6
#2	67160.	17226.	1975.1	5184.0

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 1:31:29 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.987	2.032	1.985	2.108	2.096	1.953	2.083	2.009	.2598	2.039
Stddev	.000	.006	.003	.001	.003	.004	.002	.001	.0011	.000
%RSD	.0128	.3023	.1614	.0626	.1364	.2242	.1052	.0631	.4105	.0086
#1	1.987	2.028	1.983	2.107	2.098	1.949	2.084	2.008	.2590	2.039
#2	1.987	2.037	1.987	2.109	2.094	1.956	2.081	2.010	.2605	2.039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.115	2.086	2.004	2.099	2.091	2.113	39.16	40.65	40.31	39.95
Stddev	.000	.000	.000	.003	.002	.001	.03	.19	.14	.21
%RSD	.0047	.0139	.0161	.1378	.0881	.0379	.0685	.4772	.3472	.5133
#1	2.115	2.086	2.004	2.101	2.090	2.114	39.14	40.51	40.21	39.80
#2	2.115	2.086	2.003	2.097	2.092	2.113	39.17	40.79	40.41	40.09
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.67	41.27	2.119	1.969	2.026	4.941	2.058	2.095	2.148	2.179
Stddev	.04	.08	.003	.006	.010	.011	.004	.001	.001	.006
%RSD	.0962	.1970	.1197	.3163	.4831	.2226	.2027	.0299	.0264	.2856
#1	41.70	41.32	2.117	1.965	2.019	4.933	2.055	2.095	2.149	2.175
#2	41.64	41.21	2.120	1.974	2.033	4.949	2.061	2.096	2.148	2.184
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 1:31:29 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.994
Stddev	.000
%RSD	.0225
#1	1.993
#2	1.994
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68377.	17168.	2072.9	5540.7
Stddev	182.	20.	.3	4.4
%RSD	.26555	.11548	.01514	.07989
#1	68505.	17182.	2072.7	5537.5
#2	68248.	17154.	2073.1	5543.8

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 1:37:18 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	F.0012	.0003	.0000	.0005	.0004	.0010	.0005	.0001
Stddev	.0001	.0001	.0003	.000	.0002	.0002	.0002	.0000	.0002
%RSD	4.135	11.59	98.94	503.8	45.96	50.76	23.98	7.751	312.4
#1	.0015	.0011	.0004	.0001	.0006	.0006	.0011	.0005	.0002
#2	.0016	.0013	.0001	-.0002	.0003	.0003	.0008	.0005	-.0001
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.0010							
Low Limit		-.0010							

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0003	.0002	.0016	.0004	.0008	.0006	.0202	.0371
Stddev	.0000	.0002	.0001	.0002	.0006	.0004	.0004	.0025	.0028
%RSD	2.978	64.14	53.89	10.22	162.7	45.14	71.79	12.38	7.647
#1	.0015	.0004	.0003	.0015	.0009	.0011	.0009	.0184	.0351
#2	.0014	.0001	.0001	.0017	-.0001	.0006	.0003	.0220	.0391
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0255	.0201	.1347	.0427	-.0034	.0011	.0019	.0005	.0006
Stddev	.0036	.0125	.0096	.0006	.0003	.0005	.0013	.0002	.0003
%RSD	13.90	62.06	7.152	1.291	9.280	48.11	70.25	46.91	47.79
#1	.0230	.0113	.1279	.0423	-.0032	.0015	.0029	.0003	.0009
#2	.0281	.0289	.1415	.0431	-.0036	.0007	.0010	.0006	.0004
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 1:37:18 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F.0024	F.0012	.0134	F.0016
Stddev	.0001	.0003	.0015	.0002
%RSD	5.340	23.34	11.43	11.96
#1	.0023	.0010	.0145	.0017
#2	.0025	.0014	.0123	.0014
Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Fail
High Limit	.0010	.0010		.0012
Low Limit	-.0010	-.0010		-.0012
Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71681.	17418.	2187.1	6120.6
Stddev	159.	125.	4.5	4.8
%RSD	.22165	.71641	.20574	.07894
#1	71569.	17506.	2190.3	6124.0
#2	71793.	17330.	2183.9	6117.2

Zoom In Zoom Out

Sample Name: ja59336-10f Acquired: 11/3/2010 1:43:21 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1757	.0003	.0007	.0017	.0028	.0012	.0001	.0011	.0001	.0094
Stddev	.0016	.0001	.0001	.0001	.0000	.0003	.0001	.0001	.0003	.0001
%RSD	.9199	41.67	19.21	3.699	1.533	24.77	140.8	12.00	393.1	1.515
#1	.1745	.0005	.0008	.0016	.0028	.0010	.0001	.0012	.0002	.0095
#2	.1768	.0002	.0006	.0017	.0029	.0014	.0000	.0010	-.0001	.0093

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0132	.0013	-.0005	.0002	.0013	-.0002	.0179	17.42	.0126	.5295
Stddev	.0000	.0001	.0003	.0001	.0007	.0004	.0054	.02	.0036	.0050
%RSD	.1004	6.212	48.70	58.05	53.55	225.5	30.34	.1428	28.38	.9521
#1	.0132	.0013	-.0007	.0001	.0018	-.0004	.0217	17.40	.0151	.5331
#2	.0132	.0012	-.0003	.0003	.0008	.0001	.0141	17.43	.0100	.5259

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	16.00	23.97	.0430	.0106	.0002	3.732	.0008	3.700	.0007	.0021
Stddev	.17	.26	.0003	.0002	.0006	.013	.0001	.010	.0001	.0003
%RSD	1.036	1.087	.7324	1.500	236.0	.3423	10.60	.2721	18.69	13.59
#1	15.88	23.78	.0432	.0105	-.0002	3.723	.0007	3.707	.0008	.0019
#2	16.11	24.15	.0428	.0107	.0007	3.741	.0009	3.693	.0006	.0023

Elem	Zr3391
Avg	.0000
Stddev	.000
%RSD	1010.
#1	.0001
#2	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71876.	17929.	2176.8	6075.0
Stddev	43.	86.	7.5	15.6
%RSD	.05928	.47753	.34286	.25728
#1	71846.	17990.	2182.0	6086.0
#2	71906.	17869.	2171.5	6063.9

Zoom In Zoom Out

Sample Name: mp55443-mb1 2 Acquired: 11/3/2010 1:49:27 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0006	-.0003	.0001	-.0002	-.0001	.0024	.0003	.0006	-.0003	.0008
Stddev	.0000	.0000	.0000	.0000	.0001	.0004	.0000	.0000	.0002	.0002
%RSD	4.479	5.230	14.80	9.643	61.31	18.59	7.603	7.280	82.00	27.57
#1	.0006	-.0003	.0001	-.0002	-.0001	.0027	.0003	.0006	-.0001	.0006
#2	.0006	-.0003	.0001	-.0002	-.0001	.0021	.0003	.0006	-.0004	.0009

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0032	-.0007	-.0007	-.0001	-.0003	.0004	.0034	-.0007	.0109	-.0099
Stddev	.0001	.0001	.0013	.0004	.0016	.0005	.0029	.0010	.0002	.0076
%RSD	1.677	12.04	185.3	382.5	573.5	111.0	86.72	143.7	2.088	77.25
#1	.0032	-.0008	.0002	.0002	.0008	.0008	.0055	.0000	.0111	-.0153
#2	.0033	-.0007	-.0016	-.0004	-.0014	.0001	.0013	-.0014	.0108	-.0045

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0254	-.0037	-.0046	-.0003	.0008	.0099	.0004	.0001	.0003	.0065
Stddev	.0258	.0001	.0000	.0002	.0006	.0007	.0004	.0000	.0001	.0009
%RSD	101.6	2.372	.4683	48.13	79.61	7.035	89.03	45.06	24.49	14.09
#1	.0437	-.0036	-.0046	-.0004	.0003	.0094	.0002	.0001	.0003	.0071
#2	.0071	-.0038	-.0046	-.0002	.0012	.0104	.0007	.0001	.0002	.0058

Elem	Zr3391
Avg	.0005
Stddev	.0000
%RSD	6.254
#1	.0006
#2	.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71963.	17611.	2153.8	6094.0
Stddev	336.	100.	.5	3.4
%RSD	.46749	.56687	.02191	.05546
#1	71725.	17540.	2153.5	6091.7
#2	72201.	17682.	2154.1	6096.4

Zoom In Zoom Out

Sample Name: mp55443-lc1 Acquired: 11/3/2010 1:55:29 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.4589	.4686	.4528	.4921	.4811	.4388	.4795	.4569	.1895	.4431
Stddev	.0043	.0044	.0005	.0008	.0007	.0027	.0017	.0003	.0009	.0015
%RSD	.9337	.9444	.1018	.1665	.1456	.6066	.3629	.0749	.4888	.3284
#1	.4559	.4655	.4531	.4926	.4816	.4369	.4782	.4566	.1889	.4420
#2	.4620	.4718	.4524	.4915	.4806	.4407	.4807	.4571	.1902	.4441

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4845	.4706	.4507	.4691	.4697	.4830	4.500	5.170	5.232	4.886
Stddev	.0002	.0016	.0009	.0000	.0010	.0014	.048	.041	.054	.008
%RSD	.0331	.3432	.2086	.0022	.2186	.2875	1.077	.8005	1.031	.1565
#1	.4844	.4717	.4514	.4691	.4704	.4840	4.466	5.141	5.194	4.880
#2	.4846	.4694	.4500	.4692	.4690	.4820	4.534	5.200	5.270	4.891

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	9.697	9.632	.0135	.4575	.0053	.2192	.0012	.0003	.4923	.0102
Stddev	.100	.092	.0001	.0003	.0001	.0008	.0003	.0000	.0015	.0004
%RSD	1.034	.9519	.6214	.0664	2.299	.3552	22.53	4.435	.2951	4.296
#1	9.626	9.567	.0135	.4573	.0054	.2197	.0014	.0003	.4933	.0099
#2	9.767	9.697	.0136	.4577	.0052	.2186	.0010	.0003	.4913	.0105

Elem	Zr3391
Avg	.0140
Stddev	.0011
%RSD	8.175
#1	.0148
#2	.0132

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70307.	17498.	2116.9	5930.4
Stddev	116.	165.	6.2	7.3
%RSD	.16527	.94315	.29226	.12289
#1	70389.	17614.	2112.5	5925.2
#2	70225.	17381.	2121.3	5935.5

Zoom In Zoom Out

Sample Name: mp55443-s1 Acquired: 11/3/2010 2:01:18 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.691	.0422	.0406	.4372	.1765	.2267	.5387	.4210	.0450	.3976
Stddev	.005	.0001	.0001	.0004	.0011	.0008	.0004	.0017	.0002	.0004
%RSD	.3175	.2649	.1563	.0876	.6006	.3371	.0736	.4135	.5273	.0946
#1	1.687	.0421	.0406	.4369	.1757	.2261	.5390	.4198	.0452	.3973
#2	1.695	.0423	.0407	.4374	.1772	.2272	.5384	.4222	.0448	.3979

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4435	1.712	1.608	.4252	1.704	.4348	3.675	39.71	3.050	23.72
Stddev	.0012	.003	.010	.0011	.002	.0013	.012	.02	.013	.05
%RSD	.2700	.1848	.6347	.2530	.1321	.2958	.3286	.0411	.4256	.2005
#1	.4427	1.710	1.601	.4244	1.703	.4357	3.666	39.72	3.040	23.75
#2	.4444	1.714	1.616	.4259	1.706	.4338	3.683	39.69	3.059	23.69

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	27.88	55.08	.1447	.0070	.0041	5.958	.0001	.1095	.0616	.0048
Stddev	.00	.06	.0000	.0001	.0007	.006	.0002	.0003	.0002	.0005
%RSD	.0092	.1118	.0263	1.809	16.88	.1005	115.3	.2658	.3461	11.12
#1	27.88	55.04	.1447	.0069	.0036	5.954	.0002	.1093	.0614	.0052
#2	27.88	55.13	.1448	.0071	.0046	5.962	.0000	.1097	.0617	.0044

Elem	Zr3391
Avg	.0022
Stddev	.0001
%RSD	2.920
#1	.0021
#2	.0022

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69857.	17610.	2087.7	5694.0
Stddev	312.	27.	.3	4.6
%RSD	.44669	.15561	.01546	.08065
#1	70077.	17591.	2087.9	5697.2
#2	69636.	17630.	2087.5	5690.7

Zoom In Zoom Out

Sample Name: mp55443-s2 Acquired: 11/3/2010 2:07:07 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.736	.0432	.0413	.4463	.1816	.2402	.5518	.4300	.0465	.4075
Stddev	.005	.0001	.0001	.0012	.0013	.0006	.0026	.0015	.0001	.0009
%RSD	.3183	.1660	.3184	.2654	.7075	.2528	.4746	.3482	.2831	.2136
#1	1.739	.0433	.0412	.4471	.1825	.2397	.5536	.4310	.0466	.4081
#2	1.732	.0432	.0414	.4454	.1807	.2406	.5499	.4289	.0464	.4069

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4492	1.747	1.643	.4328	1.739	.4454	3.840	40.67	3.152	24.24
Stddev	.0013	.003	.007	.0002	.001	.0000	.029	.23	.011	.16
%RSD	.2922	.1793	.4526	.0393	.0621	.0088	.7424	.5567	.3553	.6517
#1	.4501	1.750	1.648	.4330	1.740	.4455	3.860	40.83	3.160	24.36
#2	.4482	1.745	1.638	.4327	1.738	.4454	3.820	40.51	3.144	24.13

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	28.67	56.79	.1491	.0070	.0032	6.285	.0001	.1132	.0703	.0039
Stddev	.05	.24	.0004	.0002	.0015	.015	.0009	.0004	.0012	.0004
%RSD	.1848	.4225	.2355	2.807	48.42	.2309	621.5	.3330	1.683	9.560
#1	28.71	56.96	.1494	.0071	.0021	6.295	-.0005	.1135	.0695	.0042
#2	28.64	56.62	.1489	.0069	.0042	6.275	.0008	.1130	.0711	.0037

Elem	Zr3391
Avg	.0025
Stddev	.0000
%RSD	1.730
#1	.0025
#2	.0025

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69674.	17501.	2079.8	5665.0
Stddev	144.	139.	4.6	15.8
%RSD	.20737	.79573	.22079	.27957
#1	69572.	17403.	2076.6	5653.8
#2	69776.	17600.	2083.1	5676.2

Zoom In Zoom Out

Sample Name: ja59427-9 Acquired: 11/3/2010 2:12:58 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0764	-.0001	-.0001	.0011	.0063	.0372	.1174	.0054	.0004	.0053
Stddev	.0005	.0000	.0001	.0001	.0002	.0002	.0003	.0001	.0000	.0000
%RSD	.6086	8.246	94.11	9.612	2.967	.4370	.2605	2.660	12.53	.2377
#1	.0761	-.0001	.0000	.0010	.0062	.0373	.1172	.0053	.0003	.0053
#2	.0767	-.0001	-.0001	.0012	.0064	.0371	.1177	.0055	.0004	.0053

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0156	.0014	.0019	.0025	.0016	.0009	1.939	18.76	2.390	2.891
Stddev	.0001	.0006	.0003	.0001	.0009	.0001	.004	.01	.003	.004
%RSD	.4213	44.95	17.23	2.373	59.70	12.39	.1950	.0359	.1081	.1324
#1	.0156	.0009	.0021	.0026	.0022	.0010	1.936	18.75	2.392	2.889
#2	.0155	.0018	.0017	.0025	.0009	.0008	1.942	18.76	2.388	2.894

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.977	33.66	.1337	.0026	.0005	5.790	.0008	.1117	.0725	.0010
Stddev	.003	.03	.0004	.0003	.0002	.016	.0011	.0002	.0021	.0002
%RSD	.0573	.0918	.3007	9.778	30.17	.2821	136.0	.2080	2.918	18.11
#1	5.975	33.68	.1340	.0024	.0006	5.779	.0015	.1115	.0740	.0011
#2	5.980	33.64	.1334	.0028	.0004	5.802	.0000	.1118	.0710	.0009

Elem	Zr3391
Avg	-.0007
Stddev	.0000
%RSD	4.918
#1	-.0007
#2	-.0008

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71088.	17719.	2131.4	5918.8
Stddev	448.	7.	6.4	1.3
%RSD	.63026	.03841	.29879	.02209
#1	70771.	17723.	2135.9	5919.7
#2	71405.	17714.	2126.9	5917.9

Zoom In Zoom Out

Sample Name: mp55443-sd1 Acquired: 11/3/2010 2:18:57 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0782	-.0009	-.0002	.0009	.0056	.0369	.1202	.0065	.0007	.0064
Stddev	.0002	.0002	.0001	.0006	.0016	.0008	.0000	.0006	.0014	.0009
%RSD	.2953	19.45	44.70	70.42	27.94	2.256	.0396	9.060	183.7	14.13
#1	.0783	-.0008	-.0003	.0014	.0068	.0363	.1203	.0061	-.0002	.0070
#2	.0780	-.0010	-.0001	.0005	.0045	.0375	.1202	.0069	.0017	.0057

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0197	.0021	.0021	.0019	-.0014	.0018	1.956	19.26	2.451	2.992
Stddev	.0011	.0001	.0055	.0013	.0027	.0025	.013	.11	.001	.019
%RSD	5.706	4.224	258.7	69.40	190.8	138.1	.6683	.5789	.0228	.6249
#1	.0189	.0021	-.0018	.0029	.0005	.0035	1.966	19.34	2.452	2.979
#2	.0205	.0022	.0060	.0010	-.0033	.0000	1.947	19.19	2.451	3.005

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.069	33.87	.1173	.0003	.0031	5.872	.0031	.1122	.0727	-.0039
Stddev	.028	.04	.0011	.0004	.0025	.013	.0017	.0001	.0007	.0010
%RSD	.4547	.1194	.9551	129.7	80.34	.2257	55.04	.1336	.9177	26.84
#1	6.089	33.84	.1181	.0000	.0048	5.882	.0044	.1123	.0732	-.0046
#2	6.049	33.90	.1165	.0006	.0013	5.863	.0019	.1121	.0722	-.0031

Elem	Zr3391
Avg	-.0009
Stddev	.0010
%RSD	104.0
#1	-.0016
#2	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71871.	17630.	2188.0	6114.3
Stddev	201.	133.	.2	4.9
%RSD	.27968	.75670	.01121	.07942
#1	72013.	17535.	2188.2	6117.8
#2	71729.	17724.	2187.9	6110.9

Zoom In Zoom Out

Sample Name: ja58947-1 Acquired: 11/3/2010 2:24:57 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0265	-.0001	.0000	.0004	.0015	.0322	.0733	.0028	.0002	.0024
Stddev	.0001	.0000	.000	.0001	.0001	.0000	.0000	.0000	.0000	.0001
%RSD	.3455	15.93	69.09	19.16	5.572	.0177	.0388	.0885	18.37	3.495
#1	.0266	-.0001	.0000	.0003	.0015	.0322	.0733	.0028	.0002	.0023
#2	.0265	-.0001	-.0001	.0005	.0016	.0322	.0733	.0028	.0002	.0024

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0081	.0013	-.0001	.0014	.0008	.0010	.7830	48.62	1.516	4.166
Stddev	.0001	.0004	.0013	.0007	.0005	.0000	.0092	.10	.004	.018
%RSD	1.411	29.89	1580.	49.33	62.81	4.053	1.170	.2007	.2728	.4436
#1	.0080	.0010	-.0010	.0009	.0012	.0010	.7894	48.55	1.518	4.153
#2	.0081	.0016	.0008	.0018	.0005	.0010	.7765	48.69	1.513	4.179

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	7.162	20.98	.1189	.0038	-.0005	2.388	.0007	.3945	.0217	.0001
Stddev	.005	.02	.0003	.0000	.0010	.007	.0001	.0005	.0010	.0004
%RSD	.0692	.1011	.2270	1.251	177.6	.3160	10.95	.1215	4.432	315.1
#1	7.158	20.97	.1187	.0039	-.0012	2.393	.0008	.3948	.0210	-.0002
#2	7.165	21.00	.1191	.0038	.0001	2.383	.0007	.3942	.0224	.0004

Elem	Zr3391
Avg	-.0003
Stddev	.0001
%RSD	42.99
#1	-.0002
#2	-.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70317.	17405.	2094.3	5838.4
Stddev	161.	2.	.3	1.6
%RSD	.22948	.01332	.01264	.02731
#1	70432.	17406.	2094.5	5837.3
#2	70203.	17403.	2094.1	5839.6

Zoom In Zoom Out

Sample Name: ja58947-2 Acquired: 11/3/2010 2:30:54 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.3029	.0004	.0006	.0225	.0020	.0023	.7023	.0206	.0000	.0020
Stddev	.0012	.0000	.0000	.0002	.0002	.0002	.0048	.0002	.0000	.0001
%RSD	.3920	1.045	5.363	.7858	10.02	8.845	.6782	1.105	170.7	6.839
#1	.3021	.0004	.0006	.0226	.0021	.0021	.7057	.0208	.0001	.0021
#2	.3038	.0004	.0006	.0224	.0018	.0024	.6989	.0205	.0000	.0019

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.2398	.0014	-.0003	.0036	.0016	.0008	.6170	64.69	5.695	18.11
Stddev	.0008	.0015	.0012	.0002	.0004	.0011	.0110	.44	.035	.15
%RSD	.3270	113.2	413.2	5.688	26.07	140.8	1.778	.6779	.6203	.8147
#1	.2404	.0025	-.0011	.0038	.0019	.0015	.6092	64.38	5.670	18.00
#2	.2392	.0003	.0005	.0035	.0013	.0000	.6247	65.00	5.720	18.21

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	21.10	118.3	.9464	.0069	-.0012	4.280	-.0001	.5025	.0065	-.0002
Stddev	.09	.5	.0005	.0001	.0008	.006	.0009	.0020	.0001	.0007
%RSD	.4242	.4030	.0539	1.466	67.55	.1356	1029.	.3963	.8306	444.0
#1	21.04	118.0	.9468	.0070	-.0017	4.284	.0006	.5011	.0065	.0003
#2	21.17	118.7	.9460	.0068	-.0006	4.276	-.0008	.5039	.0065	-.0007

Elem	Zr3391
Avg	-.0008
Stddev	.0001
%RSD	16.58
#1	-.0009
#2	-.0007

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	68874.	17315.	2043.1	5535.4
Stddev	238.	41.	.2	2.7
%RSD	.34571	.23804	.00795	.04869
#1	68705.	17344.	2043.0	5533.5
#2	69042.	17286.	2043.3	5537.3

Zoom In Zoom Out

Sample Name: ja59251-1 Acquired: 11/3/2010 2:36:57 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0118	-.0001	.0003	.0006	.0089	.0926	.0286	.0043	.0004	.0101
Stddev	.0001	.0000	.0002	.0001	.0000	.0000	.0000	.0002	.0001	.0004
%RSD	.6578	3.293	78.00	11.43	.1808	.0484	.0053	3.738	12.49	3.575
#1	.0119	-.0001	.0004	.0006	.0089	.0926	.0286	.0044	.0005	.0099
#2	.0117	-.0001	.0001	.0007	.0089	.0926	.0286	.0042	.0004	.0104

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.1038	.0026	.0013	.0053	.0011	.0008	2.031	5.488	6.680	1.694
Stddev	.0002	.0005	.0001	.0004	.0004	.0001	.005	.004	.003	.020
%RSD	.2170	18.68	4.735	8.246	39.49	11.96	.2525	.0741	.0450	1.167
#1	.1039	.0022	.0013	.0056	.0008	.0007	2.028	5.491	6.677	1.680
#2	.1036	.0029	.0014	.0050	.0014	.0008	2.035	5.485	6.682	1.708

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	1.918	40.84	.0503	.0019	.0003	7.287	.0011	.0278	.0610	-.0009
Stddev	.014	.03	.0001	.0001	.0003	.006	.0001	.0001	.0000	.0003
%RSD	.7252	.0765	.1797	6.520	91.39	.0868	7.375	.2009	.0766	32.11
#1	1.908	40.82	.0503	.0018	.0006	7.292	.0011	.0278	.0610	-.0011
#2	1.928	40.86	.0502	.0019	.0001	7.283	.0012	.0279	.0610	-.0007

Elem	Zr3391
Avg	-.0018
Stddev	.0001
%RSD	3.426
#1	-.0019
#2	-.0018

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71135.	17772.	2129.7	5953.7
Stddev	167.	50.	2.7	8.0
%RSD	.23536	.27973	.12885	.13354
#1	71016.	17737.	2127.7	5948.1
#2	71253.	17807.	2131.6	5959.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 2:42:56 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.994	2.041	1.990	2.114	2.095	1.970	2.082	2.012	.2616	2.045
Stddev	.008	.003	.004	.000	.005	.002	.005	.005	.0005	.007
%RSD	.3909	.1589	.2262	.0004	.2546	.1243	.2470	.2755	.1727	.3381
#1	1.999	2.043	1.994	2.114	2.099	1.972	2.086	2.016	.2619	2.050
#2	1.988	2.038	1.987	2.114	2.091	1.968	2.079	2.008	.2613	2.040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.119	2.097	2.008	2.104	2.097	2.123	39.25	40.67	40.50	40.03
Stddev	.001	.001	.009	.001	.000	.002	.03	.06	.09	.11
%RSD	.0680	.0521	.4576	.0540	.0096	.0842	.0832	.1545	.2150	.2745
#1	2.120	2.096	2.001	2.105	2.097	2.122	39.27	40.71	40.56	40.11
#2	2.118	2.098	2.014	2.104	2.097	2.124	39.22	40.62	40.44	39.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.07	41.71	2.131	1.972	2.051	4.953	2.061	2.110	2.158	2.192
Stddev	.04	.02	.004	.004	.000	.012	.002	.004	.001	.011
%RSD	.1007	.0439	.1819	.1899	.0049	.2371	.0959	.1956	.0636	.4890
#1	42.04	41.72	2.128	1.975	2.051	4.961	2.062	2.113	2.157	2.185
#2	42.10	41.69	2.134	1.969	2.051	4.944	2.059	2.107	2.159	2.200
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 2:42:56 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.999
Stddev	.008
%RSD	.4181
#1	2.005
#2	1.993
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68848.	17247.	2079.0	5558.7
Stddev	102.	86.	1.8	5.9
%RSD	.14812	.49809	.08512	.10675
#1	68776.	17187.	2080.2	5562.9
#2	68920.	17308.	2077.7	5554.5

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 2:48:45 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	F.0014	.0003	.0000	.0005	.0003	.0011	.0005	.0002
Stddev	.0000	.0000	.0001	.0001	.0008	.0001	.0002	.0000	.0001
%RSD	.1851	1.199	53.61	207.1	149.8	39.28	18.02	.3117	30.78
#1	.0016	.0014	.0004	.0001	.0011	.0004	.0012	.0005	.0002
#2	.0016	.0014	.0002	.0000	.0000	.0002	.0010	.0005	.0001
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.0010							
Low Limit		-.0010							

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	.0003	.0005	.0009	-.0004	.0006	.0005	F.0255	.0231
Stddev	.0004	.0002	.0002	.0010	.0004	.0001	.0001	.0009	.0003
%RSD	21.67	48.12	42.24	121.8	96.16	18.03	24.91	3.505	1.308
#1	.0019	.0005	.0003	.0001	-.0007	.0005	.0004	.0261	.0233
#2	.0014	.0002	.0006	.0016	-.0001	.0007	.0006	.0249	.0229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit								.0246	
Low Limit								-.0246	

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0308	.0228	.0952	.0406	-.0035	.0009	.0014	.0002	.0008
Stddev	.0010	.0014	.0186	.0005	.0003	.0005	.0001	.0001	.0000
%RSD	3.199	6.132	19.50	1.351	7.464	52.90	8.264	45.90	.7072
#1	.0301	.0238	.1084	.0402	-.0033	.0012	.0015	.0003	.0008
#2	.0315	.0218	.0821	.0410	-.0036	.0005	.0014	.0001	.0008
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 2:48:45 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F.0017	F.0013	.0126	F.0017
Stddev	.0000	.0002	.0015	.0002
%RSD	.4969	18.26	11.52	14.19
#1	.0017	.0015	.0136	.0018
#2	.0017	.0012	.0116	.0015
Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Fail
High Limit	.0010	.0010		.0012
Low Limit	-.0010	-.0010		-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	72045.	17503.	2193.1	6149.2
Stddev	138.	28.	1.4	4.3
%RSD	.19092	.15755	.06587	.06919
#1	72143.	17523.	2192.1	6146.2
#2	71948.	17484.	2194.1	6152.2

Zoom In Zoom Out

Sample Name: ja59251-3 Acquired: 11/3/2010 2:54:49 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0019	-.0002	.0001	-.0002	-.0003	.0023	.0001	.0005	-.0002	.0004
Stddev	.0001	.0000	.0001	.0000	.0001	.0001	.0000	.0002	.0000	.0002
%RSD	3.166	8.635	55.30	10.57	19.10	4.480	24.45	47.47	2.455	58.21
#1	.0018	-.0002	.0001	-.0002	-.0003	.0024	.0001	.0003	-.0002	.0006
#2	.0019	-.0002	.0002	-.0002	-.0004	.0022	.0001	.0006	-.0002	.0002

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0033	.0002	-.0001	-.0006	.0002	.0009	.0023	.0131	.0038	-.0101
Stddev	.0000	.0017	.0007	.0001	.0001	.0005	.0036	.0003	.0019	.0008
%RSD	.7601	799.8	673.6	9.936	56.04	58.30	157.0	2.368	48.81	7.755
#1	.0033	-.0010	-.0006	-.0006	.0001	.0005	-.0003	.0129	.0051	-.0106
#2	.0033	.0014	.0004	-.0006	.0003	.0012	.0048	.0133	.0025	-.0095

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0508	.0625	.0230	-.0002	.0008	.0181	.0006	.0001	.0003	.0078
Stddev	.0138	.0015	.0002	.0001	.0004	.0003	.0001	.0000	.0000	.0001
%RSD	27.15	2.430	.8131	52.99	50.11	1.767	10.80	10.57	.1210	1.916
#1	.0410	.0615	.0231	-.0001	.0005	.0178	.0007	.0001	.0003	.0079
#2	.0605	.0636	.0228	-.0003	.0011	.0183	.0006	.0001	.0003	.0077

Elem	Zr3391
Avg	.0008
Stddev	.0002
%RSD	25.87
#1	.0009
#2	.0007

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71842.	17622.	2165.7	6101.5
Stddev	248.	51.	5.4	6.1
%RSD	.34560	.28775	.24795	.10039
#1	72018.	17658.	2161.9	6097.1
#2	71667.	17586.	2169.5	6105.8

Zoom In / Zoom Out

Sample Name: ja59339-15a Acquired: 11/3/2010 3:00:50 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2805	.0028	.0122	.1554	.0478	.0988	16.39	.8029	.0004	.0414
Stddev	.0007	.0000	.0001	.0003	.0001	.0008	.07	.0007	.0003	.0002
%RSD	.2464	.1052	1.115	.1876	.1178	.7606	.4251	.0858	70.30	.3983
#1	.2800	.0028	.0123	.1552	.0478	.0994	16.34	.8034	.0002	.0413
#2	.2810	.0028	.0121	.1556	.0479	.0983	16.44	.8024	.0007	.0415

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.1981	.0080	.0102	.0397	.0031	-.0005	13.22	87.77	38.66	22.52
Stddev	.0004	.0000	.0005	.0015	.0010	.0000	.04	.26	.10	.09
%RSD	.2010	.5052	5.165	3.699	30.97	.7530	.3135	.2999	.2500	.3783
#1	.1984	.0080	.0106	.0387	.0024	-.0005	13.19	87.95	38.73	22.58
#2	.1979	.0081	.0099	.0408	.0038	-.0005	13.25	87.58	38.59	22.46

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	18.80	87.25	.1727	.0111	-.0007	31.04	.1418	.5699	.9903	.0041
Stddev	.03	.12	.0004	.0000	.0003	.04	.0003	.0004	.0020	.0006
%RSD	.1545	.1412	.2029	.0779	48.04	.1176	.2434	.0683	.2052	15.50
#1	18.78	87.16	.1724	.0111	-.0005	31.01	.1421	.5697	.9917	.0045
#2	18.82	87.33	.1729	.0111	-.0009	31.07	.1416	.5702	.9889	.0036

Elem	Zr3391
Avg	-.0043
Stddev	.0001
%RSD	3.142
#1	-.0042
#2	-.0044

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69755.	17540.	2083.8	5516.5
Stddev	138.	41.	5.0	8.9
%RSD	.19756	.23475	.24232	.16156
#1	69853.	17510.	2087.3	5522.8
#2	69658.	17569.	2080.2	5510.2

Zoom In / Zoom Out

Sample Name: ja59339-15f Acquired: 11/3/2010 3:06:50 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0402	.0012	-.0009	.1498	-.0007	-.0008	17.50	.6490	.0000	-.0072
Stddev	.0001	.0000	.0001	.0004	.0000	.0002	.11	.0000	.0001	.0002
%RSD	.2059	3.383	7.156	.2816	1.921	20.15	.6051	.0015	799.1	2.308
#1	.0402	.0012	-.0009	.1501	-.0007	-.0010	17.57	.6490	.0001	-.0071
#2	.0401	.0012	-.0010	.1495	-.0007	-.0007	17.42	.6490	-.0001	-.0073

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0350	.0022	.0061	.0020	.0036	-.0010	.0190	96.53	8.339	17.55
Stddev	.0001	.0007	.0013	.0009	.0007	.0005	.0003	.49	.047	.07
%RSD	.1847	29.88	21.88	44.82	20.41	52.87	1.457	.5088	.5646	.4022
#1	.0349	.0027	.0051	.0013	.0042	-.0014	.0192	96.88	8.372	17.60
#2	.0350	.0018	.0070	.0026	.0031	-.0006	.0188	96.18	8.306	17.50

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	18.39	98.09	.1853	.0094	-.0018	10.40	-.0077	.6193	.0019	.0028
Stddev	.13	.49	.0001	.0001	.0008	.02	.0002	.0034	.0002	.0000
%RSD	.7020	.4959	.0611	1.593	45.22	.1634	3.082	.5443	10.23	.3037
#1	18.48	98.44	.1852	.0093	-.0023	10.41	-.0075	.6217	.0020	.0028
#2	18.30	97.75	.1854	.0095	-.0012	10.39	-.0078	.6169	.0017	.0028

Elem	Zr3391
Avg	-.0029
Stddev	.0000
%RSD	1.184
#1	-.0029
#2	-.0030

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	68929.	17390.	2022.7	5507.7
Stddev	50.	142.	2.6	4.2
%RSD	.07182	.81500	.12946	.07618
#1	68964.	17290.	2020.9	5504.7
#2	68894.	17490.	2024.6	5510.6

Zoom In / Zoom Out

Sample Name: ja59339-16a Acquired: 11/3/2010 3:12:53 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.4202	.0039	.0012	.1226	.0440	.1397	19.81	.7041	.0005	.0389
Stddev	.0002	.0000	.0000	.0002	.0000	.0002	.18	.0031	.0001	.0003
%RSD	.0406	.0779	1.563	.1312	.0199	.1680	.9095	.4344	22.97	.7961
#1	.4204	.0039	.0012	.1227	.0440	.1399	19.69	.7063	.0004	.0387
#2	.4201	.0039	.0011	.1225	.0440	.1396	19.94	.7020	.0006	.0391

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.2499	.0114	.0111	.0416	.0038	-.0007	15.20	120.6	44.33	31.71
Stddev	.0004	.0012	.0007	.0012	.0005	.0011	.01	.1	.01	.01
%RSD	.1423	10.13	6.726	2.990	13.20	160.1	.0820	.0818	.0268	.0361
#1	.2501	.0122	.0117	.0408	.0034	.0001	15.19	120.5	44.34	31.70
#2	.2496	.0106	.0106	.0425	.0042	-.0014	15.21	120.7	44.32	31.71

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	10.91	89.66	.1816	.0109	-.0030	33.62	.2088	.5673	1.036	.0013
Stddev	.00	.14	.0005	.0000	.0004	.04	.0003	.0003	.003	.0000
%RSD	.0414	.1577	.2807	.0502	12.43	.1328	.1287	.0570	.2462	1.922
#1	10.91	89.56	.1812	.0109	-.0027	33.65	.2090	.5671	1.034	.0014
#2	10.92	89.76	.1820	.0109	-.0032	33.59	.2086	.5676	1.038	.0013

Elem	Zr3391
Avg	-.0081
Stddev	.0003
%RSD	3.655
#1	-.0079
#2	-.0083

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72437.	18562.	2119.6	5396.9
Stddev	202.	23.	8.0	15.1
%RSD	.27833	.12133	.37912	.28024
#1	72580.	18578.	2125.3	5407.6
#2	72295.	18546.	2113.9	5386.2

Zoom In / Zoom Out

Sample Name: ja59339-16f Acquired: 11/3/2010 3:18:53 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0423	.0018	-.0015	.1090	-.0009	-.0003	20.80	.5131	.0001	-.0068
Stddev	.0000	.0000	.0002	.0003	.0002	.0004	.12	.0009	.0002	.0002
%RSD	.0529	2.328	11.27	.2460	18.29	130.7	.5691	.1749	144.2	2.597
#1	.0423	.0017	-.0016	.1092	-.0008	-.0005	20.88	.5137	.0002	-.0067
#2	.0423	.0018	-.0014	.1088	-.0010	.0000	20.71	.5124	.0000	-.0070

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0622	.0040	.0072	.0030	.0049	-.0004	.0452	129.1	20.37	26.70
Stddev	.0000	.0006	.0002	.0002	.0007	.0002	.0033	.8	.11	.17
%RSD	.0060	14.54	2.628	7.962	15.33	57.65	7.241	.5888	.5161	.6360
#1	.0622	.0036	.0071	.0031	.0054	-.0002	.0429	128.6	20.30	26.58
#2	.0621	.0044	.0074	.0028	.0043	-.0005	.0475	129.7	20.45	26.82

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	8.962	97.43	.1895	.0106	-.0031	12.28	-.0091	.5887	.0016	.0020
Stddev	.001	.04	.0001	.0003	.0000	.01	.0004	.0003	.0002	.0002
%RSD	.0143	.0363	.0358	2.638	1.173	.0689	4.770	.0533	10.09	7.838
#1	8.961	97.41	.1896	.0108	-.0031	12.28	-.0094	.5885	.0015	.0018
#2	8.963	97.46	.1895	.0104	-.0030	12.27	-.0088	.5889	.0017	.0021

Elem	Zr3391
Avg	-.0033
Stddev	.0001
%RSD	1.931
#1	-.0033
#2	-.0034

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69602.	17740.	2033.1	5440.8
Stddev	106.	48.	1.0	.4
%RSD	.15163	.27218	.05077	.00680
#1	69527.	17774.	2032.3	5441.0
#2	69677.	17705.	2033.8	5440.5

Zoom In / Zoom Out

Sample Name: ja59397-3 Acquired: 11/3/2010 3:24:56 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1790	.0000	-.0004	-.0010	.0009	.0007	1.618	.0017	.0005	.0075
Stddev	.0006	.0000	.0002	.0004	.0000	.0003	.000	.0000	.0002	.0005
%RSD	.3468	155.5	41.04	34.66	.8811	42.46	.0105	.7354	43.18	7.113
#1	.1786	.0000	-.0005	-.0008	.0009	.0005	1.618	.0017	.0007	.0079
#2	.1794	.0000	-.0003	-.0013	.0009	.0009	1.618	.0018	.0004	.0071

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0017	.0006	-.0002	.0029	.0004	.0005	.0378	54.98	36.48	9.457
Stddev	.0001	.0002	.0001	.0004	.0012	.0011	.0021	.26	.21	.090
%RSD	3.221	40.61	39.04	14.85	301.8	211.0	5.648	.4702	.5814	.9490
#1	.0017	.0008	-.0002	.0026	.0012	.0013	.0393	54.80	36.33	9.393
#2	.0016	.0004	-.0003	.0032	-.0004	-.0002	.0363	55.17	36.63	9.520

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	4.463	95.39	.2767	.0069	-.0001	8.217	-.0009	.2965	.0026	.0013
Stddev	.015	.20	.0002	.0002	.0000	.022	.0002	.0007	.0001	.0001
%RSD	.3369	.2103	.0723	3.134	19.78	.2738	23.34	.2385	5.031	7.033
#1	4.452	95.25	.2769	.0071	-.0001	8.233	-.0008	.2960	.0025	.0012
#2	4.474	95.53	.2766	.0068	-.0001	8.201	-.0011	.2970	.0027	.0013

Elem	Zr3391
Avg	-.0026
Stddev	.0000
%RSD	.2993
#1	-.0026
#2	-.0026

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69026.	17388.	2067.1	5636.7
Stddev	9.	59.	.8	1.1
%RSD	.01333	.33834	.03733	.01985
#1	69019.	17429.	2066.5	5637.5
#2	69032.	17346.	2067.6	5635.9

Zoom In / Zoom Out

Sample Name: ja59397-4 Acquired: 11/3/2010 3:30:55 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0645	-.0001	-.0005	-.0008	.0004	.0003	1.021	.0010	.0000	.0045
Stddev	.0001	.0000	.0002	.0000	.0001	.0000	.000	.0001	.0000	.0003
%RSD	.0963	36.21	38.35	4.743	21.70	11.44	.0125	6.892	103.4	5.867
#1	.0645	-.0001	-.0006	-.0009	.0005	.0003	1.021	.0009	.0000	.0047
#2	.0646	-.0001	-.0003	-.0008	.0003	.0003	1.021	.0010	.0000	.0043

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0026	.0003	.0004	.0011	.0001	.0008	.0136	28.80	24.46	3.935
Stddev	.0001	.0001	.0014	.0006	.0018	.0004	.0040	.24	.10	.040
%RSD	4.586	15.84	353.0	53.56	1832.	51.70	29.80	.8208	.4078	1.011
#1	.0027	.0004	.0014	.0007	-.0012	.0005	.0164	28.63	24.39	3.907
#2	.0025	.0003	-.0006	.0015	.0014	.0010	.0107	28.97	24.54	3.963

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.151	59.59	.1598	.0046	.0002	6.398	.0002	.1454	.0014	.0002
Stddev	.009	.10	.0001	.0000	.0007	.001	.0001	.0001	.0005	.0005
%RSD	.4347	.1615	.0741	.0074	336.3	.0150	42.05	.0845	35.18	184.9
#1	2.158	59.65	.1597	.0046	.0007	6.399	.0001	.1455	.0010	.0006
#2	2.145	59.52	.1599	.0046	-.0003	6.397	.0003	.1453	.0017	-.0001

Elem	Zr3391
Avg	-.0021
Stddev	.0002
%RSD	10.21
#1	-.0019
#2	-.0022

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70768.	17558.	2115.9	5830.9
Stddev	19.	90.	.7	4.3
%RSD	.02708	.51342	.03088	.07430
#1	70781.	17622.	2116.3	5834.0
#2	70754.	17495.	2115.4	5827.8

Zoom In / Zoom Out

Sample Name: ja59397-5 Acquired: 11/3/2010 3:36:54 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1051	.0000	-.0003	-.0007	.0001	.0000	.8477	.0012	.0004	.0049
Stddev	.0000	.000	.0000	.0002	.0002	.000	.0027	.0002	.0002	.0002
%RSD	.0460	22.39	14.57	25.50	279.5	813.9	.3209	16.14	64.67	4.355
#1	.1051	.0000	-.0003	-.0008	-.0001	-.0003	.8497	.0011	.0005	.0051
#2	.1051	-.0001	-.0003	-.0006	.0002	.0002	.8458	.0014	.0002	.0048

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0016	.0000	.0013	.0007	.0006	.0004	.0013	40.01	24.20	7.089
Stddev	.0000	.000	.0009	.0001	.0008	.0000	.0002	.01	.05	.018
%RSD	1.965	668.9	71.98	19.70	145.4	10.50	12.56	.0219	.2066	.2483
#1	.0016	.0001	.0006	.0006	.0000	.0004	.0012	40.00	24.23	7.101
#2	.0017	-.0002	.0019	.0008	.0011	.0004	.0014	40.01	24.16	7.076

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.850	79.15	.1900	.0053	-.0008	6.210	-.0004	.1808	.0007	.0001
Stddev	.032	.25	.0010	.0002	.0007	.021	.0001	.0002	.0002	.0003
%RSD	1.104	.3216	.5159	4.085	87.69	.3463	22.42	.1319	23.91	304.1
#1	2.828	79.33	.1907	.0052	-.0003	6.225	-.0003	.1809	.0008	-.0001
#2	2.872	78.97	.1893	.0055	-.0012	6.195	-.0005	.1806	.0006	.0003

Elem	Zr3391
Avg	-.0022
Stddev	.0000
%RSD	1.085
#1	-.0022
#2	-.0021

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69732.	17469.	2096.4	5736.2
Stddev	311.	16.	7.0	4.7
%RSD	.44563	.09051	.33583	.08173
#1	69512.	17457.	2091.4	5732.9
#2	69952.	17480.	2101.3	5739.5

Zoom In / Zoom Out

Sample Name: ja59397-6 Acquired: 11/3/2010 3:42:54 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1508	.0000	-.0006	-.0012	.0013	.0015	1.597	.0025	.0001	.0115
Stddev	.0001	.0000	.0002	.0002	.0001	.0001	.001	.0004	.0001	.0003
%RSD	.0457	156.3	34.94	16.07	8.170	7.814	.0302	17.10	83.97	2.807
#1	.1508	.0000	-.0004	-.0014	.0014	.0014	1.596	.0022	.0001	.0113
#2	.1507	.0000	-.0007	-.0011	.0013	.0016	1.597	.0028	.0000	.0117

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0034	.0009	.0017	.0023	.0002	.0001	.1314	38.03	55.50	6.241
Stddev	.0002	.0004	.0006	.0009	.0010	.0009	.0036	.09	.12	.042
%RSD	5.898	49.20	31.93	39.71	476.7	895.8	2.704	.2357	.2124	.6732
#1	.0032	.0012	.0021	.0030	.0009	.0008	.1339	38.09	55.58	6.270
#2	.0035	.0006	.0014	.0017	-.0005	-.0005	.1289	37.97	55.42	6.211

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.367	113.4	.2218	.0071	.0010	8.180	-.0017	.2359	.0071	-.0005
Stddev	.001	.2	.0002	.0000	.0009	.007	.0001	.0001	.0001	.0002
%RSD	.0547	.2108	.1101	.0717	90.41	.0827	4.035	.0357	1.410	31.59
#1	2.368	113.6	.2216	.0071	.0016	8.175	-.0017	.2359	.0072	-.0004
#2	2.366	113.2	.2219	.0071	.0004	8.185	-.0018	.2358	.0071	-.0006

Elem	Zr3391
Avg	-.0027
Stddev	.0002
%RSD	8.433
#1	-.0029
#2	-.0025

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69333.	17406.	2086.0	5655.9
Stddev	22.	78.	1.0	.8
%RSD	.03207	.44751	.04770	.01464
#1	69317.	17351.	2085.3	5656.4
#2	69349.	17461.	2086.7	5655.3

Inst QC: MA25281

Zoom In / Zoom Out

Sample Name: ja59427-5 Acquired: 11/3/2010 3:48:54 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0843	.0001	.0001	.0017	.0065	.0394	.1908	.0081	.0004	.0127
Stddev	.0002	.0000	.0002	.0001	.0003	.0006	.0004	.0005	.0003	.0003
%RSD	.2893	4.559	191.2	6.043	4.385	1.560	.2135	5.986	65.58	2.110
#1	.0841	.0001	.0000	.0018	.0063	.0390	.1905	.0085	.0002	.0126
#2	.0845	.0001	.0002	.0017	.0067	.0398	.1911	.0078	.0006	.0129

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0395	.0015	.0016	.0064	.0000	.0006	3.975	64.84	4.985	10.84
Stddev	.0000	.0001	.0012	.0006	.0003	.0001	.018	.17	.021	.03
%RSD	.0611	3.711	75.07	9.871	275200.	11.09	.4521	.2686	.4169	.2531
#1	.0395	.0014	.0008	.0068	-.0002	.0007	3.962	64.72	4.970	10.82
#2	.0395	.0015	.0025	.0059	.0002	.0006	3.987	64.97	4.999	10.86

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.208	16.02	.0436	.0046	-.0014	13.58	.0014	.0946	.1334	-.0012
Stddev	.000	.03	.0006	.0001	.0003	.04	.0001	.0001	.0001	.0001
%RSD	.0074	.1907	1.281	1.339	23.70	.3076	4.758	.1378	.1084	9.220
#1	2.208	16.00	.0432	.0046	-.0012	13.55	.0015	.0945	.1333	-.0011
#2	2.208	16.04	.0440	.0047	-.0016	13.61	.0014	.0947	.1335	-.0013

Elem	Zr3391
Avg	-.0034
Stddev	.0001
%RSD	2.086
#1	-.0034
#2	-.0033

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70778.	17715.	2128.6	5872.6
Stddev	174.	40.	.8	3.5
%RSD	.24520	.22780	.03822	.05907
#1	70901.	17743.	2129.2	5870.2
#2	70656.	17686.	2128.0	5875.1

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/3/2010 3:54:54 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.959	2.038	1.950	2.108	2.084	1.931	2.055	1.994	.2606
Stddev	.003	.003	.007	.003	.001	.001	.003	.002	.0001
%RSD	.1708	.1619	.3511	.1197	.0602	.0747	.1560	.1162	.0518
#1	1.957	2.035	1.945	2.106	2.083	1.930	2.053	1.992	.2607
#2	1.961	2.040	1.955	2.110	2.085	1.932	2.058	1.996	.2605
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.000	2.130	2.095	1.978	2.114	2.091	2.123	38.91	40.89
Stddev	.002	.001	.005	.001	.003	.007	.003	.03	.00
%RSD	.1193	.0393	.2375	.0480	.1434	.3460	.1440	.0754	.0045
#1	1.998	2.131	2.091	1.977	2.116	2.086	2.121	38.89	40.89
#2	2.002	2.129	2.098	1.978	2.111	2.096	2.125	38.93	40.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.35	40.21	42.01	41.65	2.123	1.924	2.025	4.828	2.039
Stddev	.05	.03	.02	.03	.005	.007	.001	.019	.006
%RSD	.1175	.0793	.0450	.0681	.2195	.3748	.0672	.3961	.2844
#1	40.32	40.23	42.03	41.63	2.120	1.919	2.026	4.815	2.035
#2	40.38	40.19	42.00	41.67	2.127	1.929	2.024	4.842	2.043
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/3/2010 3:54:54 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.094	2.180	F2.211	1.951
Stddev	.002	.003	.008	.005
%RSD	.0873	.1176	.3798	.2444
#1	2.093	2.178	2.205	1.947
#2	2.096	2.181	2.216	1.954
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value			2.000	
Range			10.00%	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68750.	17356.	2101.6	5578.1
Stddev	27.	50.	3.9	1.3
%RSD	.03953	.28761	.18357	.02365
#1	68731.	17320.	2104.4	5577.1
#2	68769.	17391.	2098.9	5579.0

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/3/2010 4:00:43 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	F.0014	.0004	.0003	.0011	.0006	.0014	.0006	-.0003
Stddev	.0000	.0000	.0001	.0002	.0001	.0003	.0002	.0003	.0000
%RSD	1.730	1.915	38.07	80.24	8.880	58.11	17.42	39.34	11.66
#1	.0016	.0014	.0005	.0004	.0010	.0008	.0015	.0008	-.0003
#2	.0016	.0014	.0003	.0001	.0012	.0003	.0012	.0005	-.0002
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.0010							
Low Limit		-.0010							

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0006	.0007	.0018	.0004	.0002	.0009	F.0251	.0280
Stddev	.0004	.0003	.0000	.0007	.0004	.0001	.0001	.0009	.0020
%RSD	24.88	45.03	4.077	41.51	95.07	99.00	8.334	3.497	6.977
#1	.0020	.0008	.0006	.0013	.0006	.0000	.0010	.0257	.0266
#2	.0014	.0004	.0007	.0023	.0001	.0003	.0009	.0245	.0294
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit								.0246	
Low Limit								-.0246	

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0321	.0232	.0789	.0443	-.0037	.0010	.0020	.0007	.0013
Stddev	.0011	.0023	.0048	.0025	.0004	.0005	.0002	.0007	.0000
%RSD	3.365	9.985	6.054	5.607	11.12	44.01	8.826	94.41	1.516
#1	.0328	.0216	.0756	.0460	-.0034	.0014	.0021	.0012	.0013
#2	.0313	.0248	.0823	.0425	-.0040	.0007	.0019	.0002	.0013
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 4:00:43 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F.0017	F.0015	.0121	F.0017
Stddev	.0000	.0002	.0018	.0001
%RSD	1.601	15.82	14.89	6.477
#1	.0017	.0013	.0133	.0018
#2	.0017	.0016	.0108	.0017
Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Fail
High Limit	.0010	.0010		.0012
Low Limit	-.0010	-.0010		-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	72110.	17650.	2206.0	6159.6
Stddev	220.	22.	1.9	6.0
%RSD	.30475	.12551	.08582	.09795
#1	71955.	17634.	2207.4	6163.8
#2	72266.	17665.	2204.7	6155.3

Zoom In Zoom Out

Sample Name: icsa Acquired: 11/3/2010 4:06:47 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0050	.0009	-.0018	-.0010	.0012	.0042	-.0077	.0053	-.0022	.0398
Stddev	.0001	.0000	.0001	.0000	.0002	.0001	.0001	.0001	.0002	.0003
%RSD	1.913	2.385	7.348	.9879	17.48	1.219	.9772	2.152	10.41	.6646
#1	-.0051	.0009	-.0018	-.0010	.0011	.0042	-.0077	.0052	-.0023	.0400
#2	-.0049	.0008	-.0017	-.0009	.0014	.0042	-.0076	.0054	-.0020	.0397
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0026	-.0012	-.0008	.0039	-.0076	.0017	467.6	365.1	181.9	499.8
Stddev	.0001	.0018	.0048	.0010	.0003	.0009	.4	.6	.3	1.4
%RSD	2.149	151.2	634.8	24.75	4.299	52.86	.0785	.1701	.1474	.2789
#1	-.0025	-.0025	-.0041	.0032	-.0073	.0011	467.3	364.6	182.1	500.8
#2	-.0026	.0001	.0026	.0046	-.0078	.0023	467.8	365.5	181.7	498.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809	.0483	.0868	-.0012	-.0086	-.0441	-.0036	-.0041	.0052	.0170
Stddev	.0059	.0016	.0010	.0001	.0006	.0005	.0005	.0000	.0001	.0011
%RSD	7.276	3.232	1.208	8.397	7.192	1.100	14.02	1.153	2.639	6.310
#1	.0850	.0472	.0875	-.0011	-.0090	-.0438	-.0040	-.0041	.0053	.0177
#2	.0767	.0494	.0861	-.0012	-.0081	-.0445	-.0033	-.0042	.0051	.0162
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Zoom In Zoom Out

Sample Name: icsa Acquired: 11/3/2010 4:06:47 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	-.0032
Stddev	.0002
%RSD	7.542
#1	-.0034
#2	-.0030
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	62796.	16698.	1881.6	4763.4
Stddev	193.	30.	3.6	5.7
%RSD	.30665	.17818	.19247	.12046
#1	62933.	16676.	1879.1	4759.3
#2	62660.	16719.	1884.2	4767.4

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 11/3/2010 4:12:53 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4836	.4828	.9962	.4790	.5095	.5011	.4882	.9701	1.139	.4996
Stddev	.0010	.0019	.0003	.0039	.0010	.0017	.0003	.0001	.001	.0010
%RSD	.2032	.3942	.0294	.8097	.1985	.3396	.0607	.0102	.0625	.2012
#1	.4843	.4842	.9960	.4763	.5102	.4999	.4885	.9700	1.138	.5003
#2	.4829	.4815	.9965	.4818	.5088	.5023	.4880	.9702	1.139	.4989
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9544	1.060	.9377	1.023	1.023	1.089	483.7	372.7	186.2	507.8
Stddev	.0001	.001	.0007	.004	.003	.001	2.3	1.3	.6	2.8
%RSD	.0149	.0866	.0758	.3590	.3045	.1325	.4825	.3421	.3354	.5456
#1	.9545	1.060	.9372	1.026	1.021	1.090	485.3	371.8	186.6	509.8
#2	.9543	1.061	.9382	1.021	1.025	1.088	482.0	373.6	185.8	505.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0622	.0573	.0877	.4611	.5603	-.0324	-.0030	-.0043	.0050	.5526
Stddev	.0041	.0010	.0017	.0026	.0030	.0002	.0007	.0001	.0001	.0007
%RSD	6.622	1.818	1.984	.5689	.5360	.4844	22.44	2.784	1.199	.1232
#1	.0592	.0580	.0865	.4593	.5581	-.0325	-.0025	-.0042	.0050	.5521
#2	.0651	.0566	.0890	.4630	.5624	-.0323	-.0034	-.0043	.0049	.5531
Check ?	None	None	None	Chk Pass	Chk Pass	None	None	None	None	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 11/3/2010 4:12:53 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	.4400
Stddev	.0034
%RSD	.7820
#1	.4375
#2	.4424
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	62365.	16546.	1891.8	4761.0
Stddev	56.	58.	2.5	.2
%RSD	.08992	.34953	.13146	.00464
#1	62405.	16505.	1893.5	4760.8
#2	62325.	16587.	1890.0	4761.1

Zoom In Zoom Out

Sample Name: ja59427-6 Acquired: 11/3/2010 4:18:54 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0020	.0000	.0003	.0003	.0001	.0000	.0008	.0010	.0003	.0009
Stddev	.0000	.000	.0001	.0000	.0001	.000	.0000	.0001	.0002	.0001
%RSD	2.420	262.8	36.21	5.329	44.77	133.0	2.253	7.218	64.66	11.79
#1	.0020	.0000	.0004	.0003	.0002	.0000	.0008	.0011	.0004	.0010
#2	.0020	.0000	.0002	.0003	.0001	-.0001	.0008	.0010	.0002	.0008

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0030	.0019	.0027	.0006	.0022	.0014	.1331	.1488	.0651	.1550
Stddev	.0001	.0007	.0015	.0001	.0003	.0000	.0151	.0165	.0067	.0143
%RSD	2.626	39.75	54.09	17.50	14.07	1.053	11.34	11.10	10.24	9.250
#1	.0030	.0024	.0037	.0005	.0020	.0014	.1224	.1371	.0604	.1449
#2	.0029	.0013	.0017	.0007	.0024	.0013	.1438	.1604	.0699	.1652

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0118	.0207	-.0044	.0001	-.0003	.0086	.0002	.0000	.0000	.0042
Stddev	.0008	.0025	.0002	.0000	.0001	.0006	.0002	.0000	.000	.0005
%RSD	6.802	12.17	4.437	27.27	26.32	6.439	109.8	41.42	132.8	11.40
#1	.0124	.0225	-.0046	.0001	-.0004	.0082	.0000	.0000	-.0001	.0046
#2	.0112	.0189	-.0043	.0002	-.0003	.0090	.0003	.0000	.0000	.0039

Elem	Zr3391
Avg	.0093
Stddev	.0006
%RSD	6.750
#1	.0098
#2	.0089

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72389.	17629.	2189.0	6135.2
Stddev	249.	14.	1.8	4.0
%RSD	.34443	.07671	.08053	.06517
#1	72566.	17639.	2190.2	6138.0
#2	72213.	17619.	2187.7	6132.3

Zoom In Zoom Out

Sample Name: ja59427-8 Acquired: 11/3/2010 4:24:56 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0418	.0000	.0000	-.0005	.0015	.0056	.2352	.0035	.0001	.0024
Stddev	.0002	.0000	.000	.0002	.0004	.0002	.0011	.0002	.0003	.0001
%RSD	.5242	424.5	18030.	42.72	29.35	2.870	.4479	5.258	248.6	5.916
#1	.0417	.0000	-.0001	-.0004	.0018	.0055	.2344	.0036	.0003	.0023
#2	.0420	.0000	.0001	-.0007	.0012	.0057	.2359	.0034	-.0001	.0025

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0063	.0019	.0008	.0023	.0005	.0014	.2913	56.52	.4204	6.913
Stddev	.0001	.0004	.0003	.0003	.0008	.0003	.0011	.24	.0007	.036
%RSD	.8253	21.82	37.68	14.26	163.4	22.86	.3739	.4245	.1575	.5247
#1	.0063	.0022	.0006	.0025	.0011	.0012	.2905	56.69	.4199	6.938
#2	.0062	.0016	.0010	.0020	-.0001	.0016	.2921	56.35	.4209	6.887

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.392	222.2	.0450	.0178	-.0023	4.538	.0006	.2073	.0063	.0038
Stddev	.030	.2	.0002	.0000	.0003	.003	.0001	.0006	.0002	.0004
%RSD	.5549	.0780	.4796	.0228	12.01	.0755	22.62	.2895	3.084	11.71
#1	5.413	222.1	.0451	.0178	-.0025	4.541	.0005	.2068	.0064	.0035
#2	5.371	222.3	.0448	.0178	-.0021	4.536	.0006	.2077	.0062	.0041

Elem	Zr3391
Avg	.0091
Stddev	.0006
%RSD	6.816
#1	.0095
#2	.0086

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	68377.	17125.	2042.8	5461.3
Stddev	46.	75.	3.1	9.9
%RSD	.06789	.43991	.14965	.18076
#1	68410.	17071.	2044.9	5468.3
#2	68344.	17178.	2040.6	5454.4

Zoom In Zoom Out

Sample Name: ja59427-10 Acquired: 11/3/2010 4:31:01 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0183	-.0001	.0000	-.0002	.0007	.0016	.9513	.0025	-.0001	.0008
Stddev	.0002	.0000	.000	.0000	.0001	.0001	.0002	.0002	.0000	.0001
%RSD	.8815	57.21	257.5	11.85	15.33	6.661	.0163	8.354	49.43	8.242
#1	.0182	-.0001	.0000	-.0002	.0007	.0017	.9512	.0024	.0000	.0008
#2	.0184	.0000	-.0001	-.0002	.0008	.0016	.9514	.0027	-.0001	.0009

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0207	.0054	.0003	.0005	.0008	.0010	.0207	22.48	2.079	1.770
Stddev	.0002	.0005	.0017	.0005	.0004	.0000	.0020	.14	.007	.036
%RSD	.9007	8.757	561.7	104.9	44.74	4.728	9.844	.6222	.3299	2.041
#1	.0209	.0057	.0015	.0008	.0006	.0011	.0221	22.38	2.074	1.744
#2	.0206	.0051	-.0009	.0001	.0011	.0010	.0192	22.58	2.083	1.796

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.574	9.714	.0634	.0031	-.0008	4.448	-.0002	.1443	.0004	.0015
Stddev	.001	.016	.0004	.0000	.0003	.005	.0000	.0001	.0003	.0010
%RSD	.0512	.1639	.6696	.6239	33.67	.1214	11.38	.0462	75.54	66.53
#1	2.575	9.703	.0631	.0031	-.0006	4.452	-.0002	.1444	.0006	.0022
#2	2.573	9.725	.0637	.0031	-.0009	4.445	-.0001	.1443	.0002	.0008

Elem	Zr3391
Avg	.0012
Stddev	.0001
%RSD	7.412
#1	.0012
#2	.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71143.	17535.	2156.4	6040.8
Stddev	4.	109.	.4	1.4
%RSD	.00552	.61956	.01869	.02262
#1	71146.	17612.	2156.7	6039.8
#2	71140.	17458.	2156.1	6041.7

Zoom In Zoom Out

Sample Name: ja59427-11 Acquired: 11/3/2010 4:37:01 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0832	-.0002	.0003	-.0001	.0008	.0007	.0166	.0017	.0000	.0006
Stddev	.0045	.0001	.0000	.0001	.0002	.0004	.0002	.0003	.0003	.0001
%RSD	5.462	75.66	3.460	59.49	20.36	53.93	.9718	17.36	973.9	19.34
#1	.0864	-.0001	.0003	-.0002	.0010	.0010	.0165	.0014	-.0002	.0007
#2	.0800	-.0003	.0002	-.0001	.0007	.0004	.0168	.0019	.0002	.0006

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0036	.0007	.0009	.0009	.0009	.0015	.0115	30.31	.0299	3.027
Stddev	.0002	.0002	.0004	.0005	.0001	.0000	.0029	1.74	.0020	.172
%RSD	4.788	21.14	42.68	55.49	15.68	2.135	25.62	5.726	6.708	5.693
#1	.0037	.0006	.0012	.0006	.0010	.0015	.0094	31.54	.0313	3.149
#2	.0035	.0008	.0006	.0013	.0008	.0015	.0135	29.09	.0285	2.905

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.177	26.77	.1198	.0028	-.0003	3.674	.0008	.1215	.0005	.5754
Stddev	.159	1.41	.0006	.0001	.0005	.012	.0002	.0064	.0001	.0013
%RSD	5.016	5.287	.4778	3.320	197.4	.3348	22.95	5.227	12.41	.2223
#1	3.290	27.77	.1194	.0027	-.0006	3.666	.0010	.1260	.0006	.5745
#2	3.064	25.77	.1202	.0029	.0001	3.683	.0007	.1170	.0005	.5763

Elem	Zr3391
Avg	-.0010
Stddev	.0001
%RSD	12.93
#1	-.0009
#2	-.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71136.	18116.	2148.2	5954.2
Stddev	399.	883.	7.1	9.4
%RSD	.56158	4.8766	.32885	.15795
#1	71419.	17492.	2153.2	5960.9
#2	70854.	18741.	2143.3	5947.6

Zoom In Zoom Out

Sample Name: ja59977-5 Acquired: 11/3/2010 4:43:01 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0783	.0002	.0001	.0101	.0622	.0649	.0901	.0186	.0002	.0440
Stddev	.0001	.0000	.0001	.0001	.0002	.0005	.0000	.0001	.0001	.0004
%RSD	.1596	12.57	57.32	1.082	.2550	.7765	.0484	.7320	30.30	.8628
#1	.0784	.0002	.0001	.0102	.0623	.0645	.0901	.0185	.0001	.0437
#2	.0782	.0002	.0001	.0101	.0621	.0652	.0901	.0187	.0002	.0443

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.2097	.0043	.0061	.0294	.0008	.0016	26.04	4.277	13.88	1.104
Stddev	.0004	.0002	.0003	.0006	.0001	.0002	.01	.004	.01	.014
%RSD	.1970	4.465	4.655	1.917	16.05	9.898	.0381	.0890	.0611	1.237
#1	.2100	.0042	.0059	.0298	.0007	.0015	26.04	4.274	13.88	1.095
#2	.2094	.0045	.0063	.0290	.0009	.0017	26.05	4.280	13.89	1.114

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.231	2.523	.0138	.0050	-.0037	23.02	.0029	.0301	.1874	.0007
Stddev	.014	.007	.0001	.0001	.0007	.09	.0004	.0000	.0009	.0001
%RSD	.6311	.2633	.5167	2.563	18.24	.4009	14.62	.0091	.4835	18.63
#1	2.221	2.518	.0139	.0051	-.0042	22.95	.0026	.0301	.1868	.0008
#2	2.241	2.528	.0138	.0049	-.0032	23.08	.0032	.0301	.1881	.0006

Elem	Zr3391
Avg	-.0010
Stddev	.0002
%RSD	24.31
#1	-.0008
#2	-.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71835.	17936.	2197.7	6067.4
Stddev	48.	46.	6.0	6.6
%RSD	.06738	.25394	.27461	.10948
#1	71801.	17969.	2202.0	6072.1
#2	71869.	17904.	2193.5	6062.7

Zoom In Zoom Out

Sample Name: ja60290-15 Acquired: 11/3/2010 4:48:57 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0002	-.0002	.0001	-.0002	-.0006	.0005	.0002	.0004	.0000	.0004
Stddev	.0001	.0000	.0000	.0001	.0001	.0002	.0000	.0004	.0001	.0000
%RSD	42.23	7.152	39.63	38.16	19.69	46.27	26.27	84.33	224.1	7.189
#1	.0003	-.0002	.0000	-.0003	-.0005	.0007	.0001	.0002	.0001	.0004
#2	.0002	-.0002	.0001	-.0001	-.0007	.0003	.0002	.0007	.0000	.0004

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0024	-.0009	.0001	.0001	.0005	.0006	.0061	.0104	.0051	.0018
Stddev	.0001	.0007	.0008	.0006	.0001	.0002	.0005	.0013	.0001	.0109
%RSD	3.628	71.96	1161.	545.2	14.34	31.11	7.970	12.87	2.301	617.4
#1	.0023	-.0005	.0006	-.0003	.0006	.0005	.0065	.0094	.0051	-.0059
#2	.0024	-.0014	-.0005	.0005	.0005	.0008	.0058	.0113	.0052	.0094

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0074	-.0001	-.0050	-.0010	.0005	.0122	.0004	.0000	-.0001	-.0002
Stddev	.0026	.0021	.0001	.0000	.0003	.0010	.0001	.000	.0000	.0008
%RSD	34.88	1641.	1.253	.8153	61.33	8.529	27.43	98.14	54.85	409.8
#1	.0056	-.0016	-.0050	-.0010	.0007	.0129	.0005	.0000	.0000	.0004
#2	.0092	.0014	-.0051	-.0010	.0003	.0115	.0003	.0000	-.0001	-.0008

Elem	Zr3391
Avg	.0007
Stddev	.0000
%RSD	6.153
#1	.0006
#2	.0007

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72208.	17623.	2192.4	6160.7
Stddev	113.	49.	2.2	2.2
%RSD	.15596	.27751	.10106	.03648
#1	72288.	17589.	2190.8	6159.1
#2	72128.	17658.	2194.0	6162.3

Zoom In Zoom Out

Sample Name: mp55455-mb1 Acquired: 11/3/2010 4:54:59 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0007	-.0002	.0000	-.0003	-.0006	.0000	.0005	.0004	.0001	.0000
Stddev	.0000	.0000	.0000	.0002	.0002	.000	.0001	.0000	.0002	.0001
%RSD	6.149	2.865	115.5	68.18	34.55	7006.	11.02	5.137	242.1	1674.
#1	.0007	-.0002	.0000	-.0004	-.0004	.0001	.0005	.0004	.0002	.0001
#2	.0007	-.0002	.0001	-.0001	-.0007	-.0001	.0005	.0004	-.0001	-.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0024	-.0007	-.0005	-.0005	.0009	.0001	.0047	.5828	.0058	.7802
Stddev	.0001	.0005	.0002	.0006	.0013	.0001	.0014	.0009	.0004	.0061
%RSD	2.274	78.10	38.35	119.6	146.3	98.50	30.99	.1538	6.832	.7870
#1	.0023	-.0003	-.0004	-.0009	.0019	.0000	.0057	.5834	.0060	.7759
#2	.0024	-.0011	-.0006	-.0001	.0000	.0002	.0036	.5822	.0055	.7846

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.1428	.3959	-.0030	-.0008	.0010	.0643	.0005	.0030	.0002	-.0005
Stddev	.0162	.0043	.0003	.0000	.0003	.0005	.0005	.0000	.0002	.0001
%RSD	11.34	1.088	10.33	1.843	29.32	.8205	101.4	.9314	127.8	12.79
#1	.1543	.3928	-.0032	-.0007	.0012	.0647	.0001	.0030	.0003	-.0005
#2	.1314	.3989	-.0028	-.0008	.0008	.0639	.0008	.0030	.0000	-.0005

Elem	Zr3391
Avg	.0002
Stddev	.0001
%RSD	67.43
#1	.0003
#2	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72284.	17677.	2197.2	6164.6
Stddev	13.	63.	7.7	16.0
%RSD	.01817	.35556	.34860	.25914
#1	72293.	17633.	2202.6	6175.9
#2	72275.	17722.	2191.8	6153.3

Zoom In / Zoom Out

Sample Name: mp55455-lc1 Acquired: 11/3/2010 5:01:01 Type: Unk
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.4543	.4772	.4471	.4988	.4897	.4321	.4837	.4584	.1937	.4433
Stddev	.0013	.0020	.0004	.0007	.0002	.0003	.0014	.0004	.0008	.0007
%RSD	.2790	.4129	.0922	.1415	.0396	.0708	.2995	.0886	.3934	.1669
#1	.4534	.4758	.4474	.4983	.4895	.4323	.4847	.4587	.1942	.4438
#2	.4551	.4786	.4469	.4993	.4898	.4318	.4826	.4581	.1931	.4428

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4980	.4772	.4479	.4793	.4738	.4873	4.536	5.352	5.375	5.086
Stddev	.0007	.0002	.0001	.0006	.0017	.0017	.018	.030	.020	.001
%RSD	.1332	.0426	.0295	.1234	.3524	.3400	.4070	.5648	.3797	.0091
#1	.4975	.4773	.4480	.4788	.4726	.4884	4.523	5.331	5.361	5.085
#2	.4984	.4770	.4478	.4797	.4750	.4861	4.549	5.374	5.389	5.086

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	9.819	9.812	.0046	.4501	.0052	.0855	.0011	.0002	.5082	.0043
Stddev	.024	.019	.0001	.0010	.0002	.0004	.0002	.0000	.0008	.0002
%RSD	.2450	.1910	2.969	.2301	4.051	.5149	14.73	.9312	.1673	3.882
#1	9.802	9.826	.0047	.4494	.0050	.0852	.0010	.0002	.5088	.0044
#2	9.836	9.799	.0045	.4508	.0053	.0858	.0013	.0002	.5076	.0042

Elem	Zr3391
Avg	.0141
Stddev	.0011
%RSD	7.769
#1	.0148
#2	.0133

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70867.	17419.	2151.9	5967.9
Stddev	206.	8.	3.3	7.9
%RSD	.29006	.04506	.15168	.13251
#1	70722.	17425.	2149.6	5962.3
#2	71012.	17414.	2154.2	5973.5

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/3/2010 5:06:52 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.959	2.050	1.956	2.119	2.113	1.928	2.084	2.007	.2625
Stddev	.002	.001	.004	.001	.009	.000	.009	.000	.0000
%RSD	.0878	.0608	.1768	.0354	.4184	.0125	.4188	.0197	.0075
#1	1.960	2.049	1.958	2.118	2.107	1.928	2.078	2.007	.2625
#2	1.958	2.050	1.953	2.120	2.119	1.928	2.090	2.006	.2625
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.029	2.144	2.102	1.987	2.126	2.094	2.126	38.86	41.45
Stddev	.003	.006	.002	.008	.003	.003	.004	.02	.08
%RSD	.1380	.2777	.1161	.3867	.1388	.1506	.1881	.0587	.1884
#1	2.027	2.140	2.104	1.981	2.124	2.096	2.129	38.84	41.40
#2	2.031	2.148	2.100	1.992	2.128	2.092	2.123	38.87	41.51
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.84	40.80	41.88	41.76	2.126	1.932	2.026	4.841	2.046
Stddev	.09	.08	.02	.02	.001	.000	.001	.007	.001
%RSD	.2109	.2077	.0422	.0556	.0595	.0066	.0574	.1383	.0552
#1	40.78	40.74	41.87	41.74	2.127	1.932	2.027	4.846	2.047
#2	40.90	40.86	41.90	41.77	2.125	1.932	2.025	4.837	2.045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/3/2010 5:06:52 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.102	2.193	F2.220	1.969
Stddev	.001	.001	.009	.002
%RSD	.0443	.0648	.3995	.1140
#1	2.103	2.192	2.214	1.968
#2	2.101	2.194	2.226	1.971
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value			2.000	
Range			10.00%	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	69446.	17239.	2111.2	5591.2
Stddev	289.	7.	5.8	7.2
%RSD	.41554	.04341	.27589	.12870
#1	69650.	17234.	2107.0	5586.1
#2	69242.	17245.	2115.3	5596.2

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/3/2010 5:12:40 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	F.0016	F.0009	.0007	.0008	.0006	.0013	F.0013	.0003
Stddev	.0001	.0000	.0003	.0003	.0000	.0002	.0002	.0003	.0002
%RSD	6.401	3.137	32.00	35.58	5.446	26.59	12.09	21.65	57.12
#1	.0019	.0016	.0011	.0009	.0008	.0007	.0015	.0015	.0002
#2	.0017	.0015	.0007	.0005	.0009	.0005	.0012	.0011	.0004
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit		.0010	.0006					.0010	
Low Limit		-.0010	-.0006					-.0010	

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0011	.0005	F.0023	.0010	.0012	.0015	F.0282	.0217
Stddev	.0001	.0004	.0001	.0010	.0008	.0005	.0001	.0016	.0006
%RSD	5.725	37.25	29.25	42.72	78.86	37.06	6.423	5.734	3.001
#1	.0017	.0014	.0004	.0030	.0015	.0016	.0015	.0271	.0221
#2	.0016	.0008	.0006	.0016	.0004	.0009	.0014	.0293	.0212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit				.0020				.0246	
Low Limit				-.0020				-.0246	

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0316	.0296	.0585	.0395	-.0030	.0017	.0024	.0009	.0014
Stddev	.0000	.0060	.0013	.0010	.0003	.0005	.0002	.0006	.0003
%RSD	.1140	20.25	2.171	2.447	11.21	31.44	7.498	61.51	25.64
#1	.0317	.0339	.0576	.0402	-.0028	.0021	.0023	.0013	.0016
#2	.0316	.0254	.0593	.0389	-.0032	.0013	.0025	.0005	.0011
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Inst QC: MA25281

◄ Zoom In
Zoom Out

Sample Name: ccb Acquired: 11/3/2010 5:12:40 Type: QC
Method: Accutest1(v175) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F.0017	F.0014	.0130	F.0018
Stddev	.0002	.0001	.0012	.0001
%RSD	9.719	4.882	9.525	3.551
#1	.0019	.0014	.0139	.0018
#2	.0016	.0015	.0122	.0017
Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Fail
High Limit	.0010	.0010		.0012
Low Limit	-.0010	-.0010		-.0012
Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	72002.	17487.	2218.7	6170.0
Stddev	34.	12.	1.1	1.3
%RSD	.04717	.06621	.04801	.02181
#1	71978.	17495.	2217.9	6169.0
#2	72026.	17479.	2219.4	6170.9

NOTE: The remaining raw data for this batch is not relevant to this job. As such it has been omitted.

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Ba 455.403 { 74}	☒	2	Mg	0.000010	0.000000	No
			Al	0.000002	0.000000	No
Be 313.042 {108}	☒	10	V	0.000250	0.000000	No
			Mo	-0.000020	0.000000	No
			Ti	-0.000050	0.000000	No
			Mn	-0.000061	0.000000	No
			Ba	-0.000045	0.000000	No
			Zn	0.000010	0.000000	No
			W	0.000002	0.000000	No
			Sb	0.000079	0.000000	No
			Ag	-0.000541	0.000000	No
			Sn	-0.000010	0.000000	No
Cd 228.802 {448}	☒	14	As	0.000319	0.000000	No
			Ni	-0.000115	0.000000	No
			Fe	0.000006	0.000000	No
			Ba	0.000100	0.000000	No
			Co	-0.005370	0.000000	No
			W	-0.000483	0.000000	No
			Zn	0.000072	0.000000	No
			Al	0.000000	0.000000	No
			Mg	-0.000000	0.000000	No
			Ca	0.000001	0.000000	No
			Mn	0.000081	0.000000	No
			Mo	0.000062	0.000000	No
			Ti	0.000033	0.000000	No
			Cu	-0.000010	0.000000	No
Co 228.616 {448}	☒	6	Fe	0.000025	0.000000	No
			Cr	0.000118	0.000000	No
			Ba	0.000130	0.000000	No
			Ca	-0.000002	0.000000	No
			Mg	-0.000002	0.000000	No
			Ti	0.001670	0.000000	No
Cr 267.716 {126}	☒	7	Mn	0.000143	0.000000	No
			Mo	0.000170	0.000000	No
			Fe	-0.000022	0.000000	No
			Co	-0.000080	0.000000	No
			Al	0.000010	0.000000	No
			Sn	-0.000070	0.000000	No
			Ti	0.000210	0.000000	No
Cu 324.754 {104}2	☒	7	Cr	0.000040	0.000000	No
			Mo	0.000540	0.000000	No
			Ti	-0.000450	0.000000	No
			Mn	0.000086	0.000000	No
			Co	-0.001236	0.000000	No
			Zn	0.000037	0.000000	No
			Fe	-0.000115	0.000000	No
Mn 257.610 {131}	☒	4	Fe	-0.000030	0.000000	No
			Ti	0.000095	0.000000	No
			Si	0.000150	0.000000	No
			Mo	-0.000650	0.000000	No
Ni 231.604 {446}	☒	7	Cr	0.000144	0.000000	No
			Mo	0.000062	0.000000	No
			Fe	0.000024	0.000000	No
			Zn	0.000017	0.000000	No
			Co	-0.000275	0.000000	No
			Cu	0.000840	0.000000	No
			Ti	-0.000030	0.000000	No
Ag 328.068 {103}	☒	11	Mn	0.000081	0.000000	No
			Mo	-0.000017	0.000000	No
			Ti	-0.000020	0.000000	No
			V	-0.003700	0.000000	No
			Si	-0.000010	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Zr	0.005510	0.000000	No
			Sb	-0.000488	0.000000	No
			Mg	0.000002	0.000000	No
			Ca	-0.000001	0.000000	No
			Fe	-0.000089	0.000000	No
			Al	-0.000001	0.000000	No
V 292.402 {115}	☒	5	Fe	0.000015	0.000000	No
			Ti	0.000720	0.000000	No
			Mo	-0.006896	0.000000	No
			Co	0.000639	0.000000	No
			Cr	-0.001528	0.000000	No
Zn 206.200 {464}	☒	12	Cr	-0.000427	0.000000	No
			Mo	0.000369	0.000000	No
			Fe	-0.000001	0.000000	No
			Co	0.000836	0.000000	No
			Ni	0.000338	0.000000	No
			Se	0.000141	0.000000	No
			Ba	0.000495	0.000000	No
			Ca	0.000003	0.000000	No
			Ti	0.000495	0.000000	No
			Sn	0.000068	0.000000	No
			V	0.000230	0.000000	No
			Sr	0.000000	0.000000	No
As 189.042 {478}	☒	19	Al	0.000001	0.000000	No
			Fe	-0.000006	0.000000	No
			Ca	0.000000	0.000000	No
			Mn	0.000030	0.000000	No
			Mo	0.003117	0.000000	No
			Cr	0.000120	0.000000	No
			Co	-0.001000	0.000000	No
			Si	-0.000052	0.000000	No
			Cu	-0.000074	0.000000	No
			Pd	0.027000	0.000000	No
			K	-0.000007	0.000000	No
			Mg	0.000001	0.000000	No
			Cd	-0.000016	0.000000	No
			Sn	0.000067	0.000000	No
			Zn	0.000085	0.000000	No
			Zr	-0.000440	0.000000	No
			Sb	0.000022	0.000000	No
			Ti	-0.000142	0.000000	No
			W	0.000962	0.000000	No
Tl 190.856 {477}	☒	22	Cr	0.000230	0.000000	No
			Mo	-0.024400	0.000000	No
			Al	0.000016	0.000000	No
			V	0.004860	0.000000	No
			Mn	0.002070	0.000000	No
			Si	-0.000170	0.000000	No
			Ca	0.000004	0.000000	No
			Ti	0.000510	0.000000	No
			Cu	0.000025	0.000000	No
			Co	0.001950	0.000000	No
			Sr	0.000119	0.000000	No
			Zn	-0.000141	0.000000	No
			Pb	0.000206	0.000000	No
			Mg	-0.000001	0.000000	No
			Ba	0.000028	0.000000	No
			Sb	0.000004	0.000000	No
			W	-0.087600	0.000000	No
			B	-0.000092	0.000000	No
			Pd	0.000086	0.000000	No
			Ni	-0.000001	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Sn	0.000020	0.000000	No
			Fe	-0.000265	0.000000	No
Pb 220.353 {453}	☒	19	Al	-0.000079	0.000000	No
			Ca	-0.000018	0.000000	No
			Mn	0.000067	0.000000	No
			Zn	0.000027	0.000000	No
			Mo	-0.002050	0.000000	No
			Ni	0.000125	0.000000	No
			Cu	0.000100	0.000000	No
			V	0.000090	0.000000	No
			Co	0.000390	0.000000	No
			Ti	-0.000100	0.000000	No
			Si	0.000104	0.000000	No
			Mg	0.000002	0.000000	No
			K	-0.000001	0.000000	No
			Pd	0.000578	0.000000	No
			Sb	0.000020	0.000000	No
			Cr	0.000065	0.000000	No
			Sn	0.000070	0.000000	No
			Fe	0.000057	0.000000	No
			W	-0.006000	0.000000	No
Se 196.090 {472}	☒	13	Al	-0.000001	0.000000	No
			Ca	-0.000008	0.000000	No
			Mn	0.000374	0.000000	No
			Mo	0.000240	0.000000	No
			Co	-0.000110	0.000000	No
			Cu	-0.000065	0.000000	No
			Mg	-0.000002	0.000000	No
			Pd	-0.000100	0.000000	No
			Ti	0.000230	0.000000	No
			Sb	0.000230	0.000000	No
			Zn	-0.000291	0.000000	No
			Fe	-0.000324	0.000000	No
			W	0.008550	0.000000	No
Sb 206.833 {463}	☒	15	Fe	0.000027	0.000000	No
			Al	0.000004	0.000000	No
			Ca	0.000002	0.000000	No
			Ni	-0.000080	0.000000	No
			Cr	0.006310	0.000000	No
			V	-0.001880	0.000000	No
			Zn	0.000146	0.000000	No
			Mo	-0.001450	0.000000	No
			Ti	-0.000070	0.000000	No
			Sn	-0.010000	0.000000	No
			Mn	0.000033	0.000000	No
			Co	-0.000121	0.000000	No
			Se	-0.000252	0.000000	No
			Zr	-0.001023	0.000000	No
			W	-0.001523	0.000000	No
Al 396.152 { 85}	☒	5	Ca	0.000018	0.000000	No
			Mo	0.028000	0.000000	No
			Ti	0.000895	0.000000	No
			Si	0.001149	0.000000	No
			Co	0.004578	0.000000	No
Ca 317.933 {106}	☒	5	Al	0.000048	0.000000	No
			Fe	0.000078	0.000000	No
			Mg	0.000071	0.000000	No
			Ti	-0.000042	0.000000	No
			Co	0.000850	0.000000	No
Fe 259.940 {130}	☒	10	Cr	0.000145	0.000000	No
			Zn	-0.009050	0.000000	No
			Al	0.000083	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Co	0.001140	0.000000	No
			Cd	0.000550	0.000000	No
			Sn	-0.005600	0.000000	No
			Ti	-0.000290	0.000000	No
			Si	0.003000	0.000000	No
			Ca	-0.000218	0.000000	No
			Ba	0.002000	0.000000	No
Mg 279.079 {121}	☒	3	Al	0.000040	0.000000	No
			Mo	-0.016660	0.000000	No
			Pb	0.000002	0.000000	No
K 766.490 { 44}	☒	1	Mg	-0.000142	0.000000	No
Na 589.592 { 57}	☒	None				
B 208.959 {462}	☒	3	Mo	0.037000	0.000000	No
			Al	0.000475	0.000000	No
			Ti	-0.000001	0.000000	No
Mo 202.030 {467}	☒	6	Ti	0.000000	0.000000	No
			Pd	-0.000522	0.000000	No
			Al	0.000375	0.000000	No
			Mg	0.000055	0.000000	No
			Ca	0.000034	0.000000	No
			Fe	0.000074	0.000000	No
Pd 340.458 { 99}	☒	7	Ti	-0.002000	0.000000	No
			Co	-0.011300	0.000000	No
			Zr	-0.166000	0.000000	No
			Sn	-0.000700	0.000000	No
			Sb	0.000160	0.000000	No
			Si	0.000010	0.000000	No
			Fe	-0.000124	0.000000	No
Si 212.412 {459}	☒	9	Mn	-0.000580	0.000000	No
			Fe	-0.000067	0.000000	No
			Ca	0.000107	0.000000	No
			Ni	0.000391	0.000000	No
			Cd	-0.002507	0.000000	No
			Cr	0.000350	0.000000	No
			Mo	0.024000	0.000000	No
			Ti	0.004550	0.000000	No
			Ba	0.003325	0.000000	No
Sn 189.989 {478}	☒	4	Ti	-0.003286	0.000000	No
			Fe	0.000032	0.000000	No
			Mn	0.000468	0.000000	No
			Mo	-0.001005	0.000000	No
Sr 407.771 { 83}	☒	3	Ca	0.000034	0.000000	No
			Pd	0.000168	0.000000	No
			Ti	0.000000	0.000000	No
Ti 334.904 {101}	☒	3	Cr	0.000189	0.000000	No
			Mo	0.001170	0.000000	No
			Zr	0.000002	0.000000	No
Y 360.073 { 94}*	☒	None				
Y 371.030 { 91}*	☒	None				
Y 224.306 {451}*	☒	None				
In 230.606 {446}*	☒	None				
W 207.911 {462}	☒	3	Al	-0.000024	0.000000	No
			V	-0.007034	0.000000	No
			Zn	0.010800	0.000000	No
Zr 339.198 { 99}	☒	7	Fe	-0.000080	0.000000	No
			Si	0.000336	0.000000	No
			Ba	-0.000049	0.000000	No
			Sn	0.001226	0.000000	No
			Sb	-0.004933	0.000000	No
			V	-0.001191	0.000000	No
			W	0.000500	0.000000	No

Zoom In ▶
Zoom Out

Sample Name: StdA Acquired: 11/2/2010 10:06:56 Type: Cal
Method: Accutest1(v61) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0007	.0005	.0006	-.0001	.0001	.0026	.0001	.0006	.0000
Stddev	.0001	.0000	.0001	.0001	.0000	.0000	.0000	.0000	.000
%RSD	14.94	4.998	12.16	61.96	6.225	.0707	6.300	3.631	76.72
#1	.0008	.0005	.0005	-.0001	.0001	.0026	.0001	.0007	.0000
#2	.0006	.0005	.0006	-.0001	.0001	.0026	.0001	.0006	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	.0009	-.0001	-.0002	-.0002	.0005	-.0004	-.0001	.0045
Stddev	.0000	.0000	.0000	.0000	.0001	.0000	.0002	.0001	.0000
%RSD	.7055	2.933	29.81	10.74	95.15	5.038	41.62	125.2	.6917
#1	.0001	.0009	-.0001	-.0002	-.0003	.0005	-.0003	.0000	.0045
#2	.0001	.0009	-.0002	-.0002	.0000	.0006	-.0005	-.0001	.0045

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0000	-.0002	.0009	.0005	.0005	-.0001	.0036	.0002
Stddev	.0000	.000	.0000	.0002	.0001	.0000	.0000	.0002	.0001
%RSD	24.09	53.15	13.09	21.00	12.97	.7985	4.740	4.369	39.88
#1	.0000	-.0001	-.0002	.0008	.0005	.0005	-.0001	.0035	.0002
#2	.0001	.0000	-.0002	.0011	.0004	.0005	-.0001	.0037	.0001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0032	-.0001	.0064	-.0001
Stddev	.0000	.0000	.0003	.0000
%RSD	1.462	21.62	4.885	14.71
#1	-.0032	-.0001	.0066	-.0001
#2	-.0032	-.0001	.0061	-.0001

◀ Zoom In ▶
Zoom Out

Sample Name: StdA Acquired: 11/2/2010 10:06:56 Type: Cal
Method: Accutest1(v61) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	132030.	40848.	2948.0	8699.8
Stddev	627.	84.	9.8	25.0
%RSD	.47522	.20624	.33307	.28776
#1	132480.	40789.	2954.9	8717.5
#2	131590.	40908.	2941.0	8682.0

◀ Zoom In ▶
Zoom Out

Sample Name: STDB Acquired: 11/2/2010 10:13:08 Type: Cal
Method: Accutest1(v61) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.787	2.625	1.220	1.194	.0817	.2944	.5338	.3108	.0173
Stddev	.033	.053	.004	.002	.0006	.0004	.0032	.0009	.0001
%RSD	1.827	2.006	.3190	.1761	.7692	.1324	.6056	.2779	.3822
#1	1.810	2.662	1.223	1.196	.0821	.2947	.5361	.3114	.0174
#2	1.764	2.588	1.217	1.193	.0813	.2941	.5315	.3102	.0173

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1349	.9724	.1884	.0448	.1326	.1272	.2549	.5444	1.245
Stddev	.0008	.0032	.0004	.0001	.0004	.0002	.0003	.0101	.025
%RSD	.6202	.3304	.2260	.2285	.2815	.1797	.1287	1.860	1.998
#1	.1355	.9747	.1887	.0448	.1329	.1274	.2551	.5515	1.262
#2	.1343	.9701	.1881	.0447	.1324	.1270	.2546	.5372	1.227

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.9070	.1025	.3481	1.459	.3079	1.183	.0582	.6814	.2332
Stddev	.0174	.0019	.0062	.026	.0003	.002	.0001	.0018	.0005
%RSD	1.920	1.854	1.768	1.773	.0839	.1761	.1225	.2592	.2238
#1	.9193	.1038	.3524	1.477	.3081	1.185	.0581	.6827	.2336
#2	.8946	.1011	.3437	1.441	.3077	1.182	.0582	.6802	.2329

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.188	.1486	.5066	.3669
Stddev	.058	.0005	.0007	.0011
%RSD	1.813	.3580	.1334	.2969
#1	3.229	.1490	.5061	.3677
#2	3.147	.1483	.5071	.3662

◀ Zoom In ▶
Zoom Out

Sample Name: STDB Acquired: 11/2/2010 10:13:08 Type: Cal
Method: Accutest1(v61) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	129860.	40989.	2877.5	8220.4
Stddev	36.	712.	3.3	12.1
%RSD	.02758	1.7376	.11445	.14695
#1	129830.	40485.	2875.2	8211.8
#2	129880.	41493.	2879.9	8228.9

Zoom In Zoom Out

Sample Name: STDC Acquired: 11/2/2010 10:19:05 Type: Cal
Method: Accutest1(v61) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.081	10.24	4.875	4.570	.3203	1.211	2.006	1.242	.0708
Stddev	.080	.01	.004	.009	.0053	.016	.038	.003	.0009
%RSD	1.135	.0589	.0768	.1893	1.650	1.278	1.885	.2066	1.316
#1	7.024	10.24	4.872	4.564	.3165	1.200	1.979	1.240	.0702
#2	7.138	10.25	4.877	4.576	.3240	1.222	2.033	1.244	.0715

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.5357	3.736	.7543	.1748	.5337	.5088	1.024	2.263	5.006
Stddev	.0073	.007	.0019	.0000	.0017	.0006	.002	.021	.025
%RSD	1.357	.1799	.2479	.0060	.3236	.1227	.1752	.9354	.4967
#1	.5306	3.732	.7530	.1748	.5325	.5084	1.023	2.248	4.988
#2	.5409	3.741	.7556	.1748	.5349	.5093	1.026	2.278	5.023

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.593	.4276	1.437	5.877	1.213	4.617	.2387	2.720	.8877
Stddev	.025	.0021	.013	.086	.002	.008	.0031	.003	.0008
%RSD	.6979	.4960	.8721	1.462	.1507	.1709	1.300	.0973	.0903
#1	3.576	.4261	1.428	5.816	1.211	4.611	.2365	2.719	.8871
#2	3.611	.4291	1.446	5.937	1.214	4.622	.2409	2.722	.8883

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.45	.5935	2.029	1.460
Stddev	.17	.0081	.016	.020
%RSD	1.347	1.366	.7642	1.351
#1	12.33	.5878	2.018	1.446
#2	12.56	.5993	2.040	1.473

Zoom In Zoom Out

Sample Name: STDC Acquired: 11/2/2010 10:19:05 Type: Cal
Method: Accutest1(v61) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	124170.	39503.	2739.3	7413.1
Stddev	1436.	221.	5.9	19.6
%RSD	1.1565	.55955	.21672	.26464
#1	125190.	39659.	2743.5	7427.0
#2	123160.	39347.	2735.1	7399.2

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 10:25:33 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.004	2.030	1.984	2.013	1.969	1.947	2.037	1.974	.2419
Stddev	.003	.000	.003	.003	.005	.000	.004	.000	.0008
%RSD	.1612	.0197	.1531	.1440	.2771	.0203	.2026	.0015	.3379
#1	2.002	2.030	1.986	2.015	1.973	1.947	2.040	1.974	.2424
#2	2.007	2.030	1.982	2.011	1.966	1.947	2.034	1.974	.2413
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.000	2.012	1.988	2.004	1.963	1.988	1.978	39.00	39.34
Stddev	.004	.001	.003	.004	.001	.004	.006	.10	.01
%RSD	.2043	.0385	.1481	.1866	.0262	.1793	.2986	.2668	.0188
#1	2.003	2.011	1.990	2.006	1.963	1.991	1.982	38.93	39.33
#2	1.997	2.012	1.986	2.001	1.963	1.985	1.974	39.08	39.34
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.70	38.66	39.15	39.58	1.999	2.012	1.942	4.963	2.023
Stddev	.04	.07	.04	.01	.003	.002	.000	.017	.002
%RSD	.0982	.1721	.0967	.0339	.1633	.1180	.0059	.3385	.0931
#1	39.67	38.70	39.13	39.57	2.001	2.013	1.942	4.974	2.024
#2	39.73	38.61	39.18	39.59	1.996	2.010	1.942	4.951	2.021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 10:25:33 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.967	1.971	1.964	1.979
Stddev	.004	.002	.002	.002
%RSD	.1969	.0943	.0847	.0751
#1	1.969	1.972	1.963	1.980
#2	1.964	1.969	1.965	1.978
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	128170.	40155.	2816.2	7895.2
Stddev	108.	8.	9.0	19.8
%RSD	.08405	.01971	.32055	.25036
#1	128090.	40149.	2809.8	7881.2
#2	128250.	40160.	2822.6	7909.2

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 10:31:38 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0003	.0003	.0002	.0004	.0006	.0006	.0003	.0003
Stddev	.0002	.0002	.0002	.0003	.0001	.0002	.0000	.0000	.0000
%RSD	58.74	50.04	59.25	139.8	13.32	28.98	2.134	4.450	2.828
#1	.0002	.0002	.0004	.0004	.0003	.0005	.0006	.0003	.0004
#2	.0005	.0004	.0001	.0000	.0004	.0008	.0006	.0003	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	.0003	.0013	F .0022	-.0001	-.0001	.0000	.0053	.0050
Stddev	.0000	.0002	.0005	.0002	.0007	.0007	.0003	.0040	.0024
%RSD	.5555	73.96	36.30	8.828	735.6	804.5	1142.	75.51	47.98
#1	.0009	.0005	.0016	.0023	.0004	-.0006	.0003	.0025	.0033
#2	.0009	.0002	.0009	.0020	-.0006	.0004	-.0002	.0082	.0067
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0020					
Low Limit				-.0020					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064	.0076	.0677	.0169	.0014	.0013	.0003	.0014	-.0002
Stddev	.0025	.0037	.0064	.0019	.0002	.0005	.0004	.0009	.0000
%RSD	39.99	48.26	9.487	11.37	11.90	38.69	115.2	63.96	16.13
#1	.0046	.0102	.0632	.0156	.0015	.0017	.0001	.0020	-.0001
#2	.0082	.0050	.0723	.0183	.0013	.0009	.0006	.0007	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

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Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 10:31:38 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0004	F .0016	.0230	.0012
Stddev	.0002	.0015	.0018	.0001
%RSD	43.87	94.00	7.808	9.649
#1	.0002	.0006	.0243	.0013
#2	.0005	.0027	.0218	.0011
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		.0010		
Low Limit		-.0010		

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	132610.	40879.	2933.3	8666.3
Stddev	46.	1.	14.6	45.3
%RSD	.03454	.00246	.49850	.52291
#1	132570.	40879.	2943.7	8698.3
#2	132640.	40878.	2923.0	8634.2

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Zoom In Zoom Out

Sample Name: CRIB Acquired: 11/2/2010 10:37:49 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1994	.0021	.0029	.0503	.0095	.0095	.0161	.0107	.0048
Stddev	.0106	.0001	.0000	.0002	.0000	.0003	.0002	.0000	.0001
%RSD	5.318	6.213	1.719	.4693	.1747	3.248	1.368	.1532	2.771
#1	.1919	.0020	.0029	.0501	.0095	.0097	.0162	.0107	.0049
#2	.2069	.0022	.0028	.0504	.0095	.0092	.0159	.0107	.0047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473	.0215	.0085	.0129	.0029	.0106	.0059	.1950	5.198
Stddev	.0008	.0000	.0003	.0002	.0003	.0004	.0000	.0126	.318
%RSD	1.733	.0595	3.948	1.284	10.77	3.584	.3275	6.487	6.126
#1	.0479	.0216	.0083	.0128	.0031	.0104	.0059	.1860	4.973
#2	.0468	.0215	.0087	.0130	.0026	.0109	.0059	.2039	5.423
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1228	4.853	9.879	10.14	.0981	.0205	.0475	.1963	.0098
Stddev	.0067	.287	.488	.50	.0001	.0000	.0007	.0000	.0000
%RSD	5.468	5.907	4.944	4.883	.0542	.1878	1.374	.0231	.4013
#1	.1180	4.650	9.534	9.789	.0981	.0205	.0480	.1962	.0098
#2	.1275	5.056	10.22	10.49	.0980	.0205	.0470	.1963	.0098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

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Zoom In Zoom Out

Sample Name: CRIB Acquired: 11/2/2010 10:37:49 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0110	.0099	.0601	F .0004
Stddev	.0006	.0002	.0008	.0000
%RSD	5.610	2.384	1.289	12.34
#1	.0105	.0101	.0607	.0004
#2	.0114	.0097	.0596	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				.2000
Range				-50.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	132380.	40433.	2941.0	8557.4
Stddev	1296.	1956.	13.0	28.1
%RSD	.97869	4.8369	.44356	.32854
#1	131460.	41815.	2950.2	8577.2
#2	133290.	39050.	2931.7	8537.5

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Zoom In / Zoom Out

Sample Name: CRID Acquired: 11/2/2010 10:43:55 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040	.0010	.0009	.0026	.0021	.0018	.0032	.0042	.0012
Stddev	.0000	.0000	.0001	.0001	.0000	.0002	.0000	.0001	.0001
%RSD	.6646	.3339	8.445	2.313	.6094	13.72	.0640	1.336	5.268
#1	.0040	.0010	.0008	.0026	.0021	.0019	.0032	.0042	.0012
#2	.0040	.0010	.0010	.0026	.0021	.0016	.0032	.0041	.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	.0106	.0040	.0026	.0023	.0044	.0030	.0984	1.020
Stddev	.0001	.0001	.0000	.0004	.0002	.0002	.0001	.0011	.003
%RSD	3.045	.8738	.9921	16.44	7.119	4.098	2.594	1.118	.2508
#1	.0020	.0105	.0040	.0029	.0024	.0043	.0030	.0976	1.019
#2	.0021	.0107	.0040	.0023	.0021	.0046	.0029	.0992	1.022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037	.1007	1.998	1.017	.0103	.0000	.0004	-.0005	-.0004
Stddev	.0004	.0007	.001	.006	.0000	.000	.0003	.0003	.0005
%RSD	9.884	.6699	.0384	.5661	.4080	648.2	87.68	64.13	130.5
#1	.0040	.1003	1.999	1.021	.0103	.0001	.0006	-.0002	.0000
#2	.0034	.1012	1.998	1.013	.0102	-.0001	.0001	-.0007	-.0007
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None	None	None
Value									
Range									

Zoom In / Zoom Out

Sample Name: CRID Acquired: 11/2/2010 10:43:55 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	-.0001	.0046	F .0001
Stddev	.000	.0001	.0001	.0000
%RSD	28.22	75.03	2.151	7.684
#1	.0000	.0000	.0047	.0001
#2	.0000	-.0001	.0045	.0001
Check ?	None	None	Chk Pass	Chk Fail
Value				.0040
Range				-50.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	133970.	40931.	2959.7	8718.4
Stddev	176.	68.	1.4	6.7
%RSD	.13158	.16733	.04715	.07676
#1	134100.	40979.	2958.7	8723.1
#2	133850.	40882.	2960.6	8713.7

Zoom In / Zoom Out

Sample Name: ICV Acquired: 11/2/2010 10:51:48 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.018	1.029	.9717	1.013	.9992	1.005	1.033	.9781	.4972
Stddev	.040	.038	.0030	.003	.0239	.021	.025	.0039	.0107
%RSD	3.928	3.689	.3117	.3221	2.389	2.119	2.453	.3960	2.144
#1	.9942	1.008	.9711	1.012	.9742	.9804	1.006	.9780	.4855
#2	.9963	1.006	.9690	1.011	1.022	1.020	1.056	.9742	.5064
#3	1.064	1.073	.9749	1.017	1.002	1.014	1.036	.9820	.4997
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .9352	1.015	.9737	.9914	.9733	.9674	.9696	4.909	4.930
Stddev	.0240	.004	.0037	.0037	.0049	.0033	.0032	.199	.178
%RSD	2.561	.3939	.3790	.3768	.4994	.3384	.3258	4.058	3.604
#1	.9091	1.015	.9723	.9898	.9731	.9670	.9682	4.795	4.844
#2	.9560	1.011	.9709	.9888	.9685	.9644	.9675	4.793	4.812
#3	.9406	1.019	.9778	.9957	.9782	.9709	.9733	5.139	5.134
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	1.000								
Range	-5.000%								

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.105	5.059	9.872	10.09	1.002	.9957	F .9480	F 1.069	.9984
Stddev	.189	.183	.386	.38	.003	.0030	.0205	.002	.0040
%RSD	3.706	3.623	3.906	3.763	.3132	.2966	2.161	.1787	.3961
#1	5.002	4.966	9.638	9.848	1.001	.9946	.9250	1.069	.9996
#2	4.990	4.942	9.661	9.885	.9997	.9934	.9641	1.068	.9940
#3	5.324	5.270	10.32	10.52	1.006	.9990	.9550	1.071	1.002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass
Value							1.000	1.000	
Range							-5.000%	5.000%	

Zoom In / Zoom Out

Sample Name: ICV Acquired: 11/2/2010 10:51:48 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.033	.9728	1.027	.9819
Stddev	.041	.0252	.011	.0227
%RSD	3.937	2.589	1.062	2.310
#1	1.008	.9454	1.017	.9569
#2	1.010	.9951	1.024	1.001
#3	1.080	.9777	1.039	.9878
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	132350.	40134.	2922.2	8474.4
Stddev	2547.	1225.	5.9	23.1
%RSD	1.9245	3.0532	.20029	.27268
#1	135140.	40757.	2923.5	8482.8
#2	130150.	40922.	2927.3	8492.1
#3	131750.	38722.	2915.8	8448.2

Zoom In Zoom Out

Sample Name: SAMPLECONF Acquired: 11/2/2010 10:58:09 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	1.003	1.009	.9683	1.009	.9911	1.000	1.032	.9736	.4959
Stddev	.002	.002	.0080	.008	.0046	.003	.005	.0067	.0019
%RSD	.2209	.2235	.8285	.7618	.4661	.3443	.5336	.6854	.3780
#1	1.000	1.006	.9708	1.011	.9863	.9971	1.026	.9768	.4940
#2	1.003	1.010	.9748	1.015	.9915	.9999	1.031	.9780	.4960
#3	1.005	1.010	.9593	1.000	.9955	1.004	1.037	.9659	.4977

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.9361	1.012	.9706	.9897	.9689	.9613	.9646	4.839	4.820
Stddev	.0044	.007	.0064	.0067	.0062	.0069	.0067	.007	.021
%RSD	.4751	.6496	.6633	.6818	.6423	.7223	.6923	.1362	.4411
#1	.9318	1.014	.9732	.9926	.9726	.9638	.9661	4.832	4.802
#2	.9358	1.016	.9753	.9946	.9723	.9667	.9703	4.844	4.843
#3	.9407	1.004	.9632	.9820	.9617	.9535	.9573	4.841	4.814

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.010	4.948	9.790	10.00	.9967	.9906	.9421	1.066	.9945
Stddev	.018	.019	.020	.02	.0075	.0077	.0040	.008	.0076
%RSD	.3694	.3868	.2004	.1711	.7571	.7821	.4297	.7305	.7675
#1	4.989	4.935	9.781	9.986	.9977	.9920	.9393	1.068	.9974
#2	5.024	4.970	9.813	10.02	1.004	.9976	.9404	1.072	1.000
#3	5.017	4.939	9.777	9.996	.9887	.9823	.9468	1.057	.9859

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.017	.9725	1.052	.9792
Stddev	.003	.0043	.007	.0042
%RSD	.2667	.4462	.7096	.4325
#1	1.014	.9681	1.053	.9752
#2	1.018	.9727	1.059	.9788
#3	1.019	.9768	1.044	.9837

Zoom In Zoom Out

Sample Name: SAMPLECONF Acquired: 11/2/2010 10:58:09 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	133040.	40735.	2934.4	8508.4
Stddev	491.	119.	21.4	53.6
%RSD	.36931	.29204	.72940	.63049
#1	133490.	40827.	2929.3	8489.2
#2	133120.	40601.	2915.9	8467.0
#3	132520.	40778.	2957.8	8569.0

Zoom In Zoom Out

Sample Name: SAMPLECONF Acquired: 11/2/2010 11:06:35 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0003	.0002	.0000	-.0001	.0002	.0003	.0001	.0002	.0003
Stddev	.0000	.0000	.0001	.0001	.0001	.0001	.0000	.0001	.0000
%RSD	4.333	1.776	258.2	97.70	42.42	31.78	30.17	43.21	11.47
#1	.0003	.0002	.0001	-.0001	.0002	.0002	.0001	.0003	.0003
#2	.0003	.0002	.0000	.0000	.0001	.0004	.0001	.0002	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	.0001	.0006	.0020	.0001	-.0006	.0000	.0041	-.0008
Stddev	.0001	.0000	.0002	.0005	.0009	.0001	.000	.0010	.0003
%RSD	37.80	31.12	42.07	22.84	849.0	20.72	435.3	25.41	34.81
#1	.0002	.0002	.0008	.0017	.0007	-.0005	.0001	.0033	-.0006
#2	.0003	.0001	.0004	.0023	-.0005	-.0007	-.0002	.0048	-.0010

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0022	.0054	.0093	.0048	.0004	.0007	.0009	.0007	.0002
Stddev	.0005	.0102	.0063	.0033	.0002	.0001	.0000	.0002	.0002
%RSD	21.19	188.2	67.98	68.05	54.79	13.57	3.615	35.71	108.6
#1	.0019	.0126	.0048	.0071	.0005	.0008	.0010	.0005	.0004
#2	.0025	-.0018	.0137	.0025	.0002	.0007	.0009	.0008	.0000

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0002	.0001	.0170	.0009
Stddev	.0000	.0002	.0020	.0000
%RSD	3.144	131.4	11.65	4.684
#1	.0002	.0003	.0184	.0010
#2	.0002	.0000	.0156	.0009

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	134230.	40677.	2953.0	8716.7
Stddev	37.	86.	.4	5.0
%RSD	.02771	.21162	.01337	.05769
#1	134210.	40738.	2952.7	8720.3
#2	134260.	40617.	2953.2	8713.2

Zoom In Zoom Out

Sample Name: ICV Acquired: 11/2/2010 11:12:07 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9921	.9994	.9727	1.014	.9925	1.005	1.033	.9775	.4970
Stddev	.0055	.0075	.0073	.007	.0069	.010	.006	.0062	.0034
%RSD	.5521	.7510	.7516	.6823	.6951	.9997	.5658	.6374	.6786
#1	.9858	.9908	.9644	1.006	.9973	1.007	1.037	.9707	.4982
#2	.9952	1.003	.9755	1.016	.9846	.9941	1.026	.9789	.4931
#3	.9954	1.005	.9782	1.019	.9955	1.014	1.036	.9830	.4995
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .9384	1.013	.9754	.9934	.9693	.9666	.9696	4.786	4.763
Stddev	.0055	.006	.0087	.0053	.0057	.0062	.0069	.029	.042
%RSD	.5808	.6374	.8906	.5383	.5860	.6438	.7126	.5956	.8851
#1	.9418	1.006	.9657	.9872	.9633	.9595	.9616	4.753	4.714
#2	.9321	1.014	.9782	.9961	.9702	.9694	.9737	4.802	4.788
#3	.9412	1.019	.9823	.9969	.9745	.9710	.9734	4.803	4.786
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	1.000								
Range	-5.000%								

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.948	4.881	9.674	9.898	1.001	.9959	F .9460	F 1.074	.9996
Stddev	.042	.063	.012	.023	.009	.0074	.0082	.008	.0071
%RSD	.8468	1.289	.1188	.2340	.8726	.7403	.8672	.7447	.7137
#1	4.900	4.809	9.662	9.881	.9917	.9876	.9478	1.065	.9915
#2	4.974	4.907	9.684	9.925	1.004	.9985	.9370	1.078	1.003
#3	4.970	4.926	9.678	9.889	1.009	1.002	.9531	1.079	1.005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass
Value							1.000	1.000	
Range							-5.000%	5.000%	

Zoom In Zoom Out

Sample Name: ICV Acquired: 11/2/2010 11:12:07 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.005	.9765	1.040	.9816
Stddev	.006	.0064	.015	.0075
%RSD	.5813	.6599	1.400	.7599
#1	.9985	.9804	1.025	.9847
#2	1.008	.9691	1.042	.9731
#3	1.009	.9800	1.054	.9871
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	132920.	41128.	2923.6	8494.4
Stddev	817.	223.	20.5	52.7
%RSD	.61492	.54113	.70151	.62009
#1	132540.	41383.	2946.9	8552.9
#2	133850.	40974.	2915.4	8479.5
#3	132350.	41028.	2908.4	8450.8

Zoom In Zoom Out

Sample Name: ICB Acquired: 11/2/2010 11:27:15 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	-.0001	-.0001	.0000	-.0001	.0000	-.0001	.0004
Stddev	.000	.0000	.0001	.0001	.000	.0001	.000	.0002	.0001
%RSD	14.35	148.8	143.4	116.2	76.17	86.33	86.07	160.7	21.93
#1	.0000	.0000	-.0002	-.0002	.0000	-.0002	-.0001	.0000	.0005
#2	.0000	.0001	.0000	.0000	.0000	.0000	.0000	-.0002	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	-.0001	.0004	.0014	-.0007	-.0006	-.0005	-.0002	-.0019
Stddev	.0000	.0000	.0003	.0001	.0002	.0013	.0002	.0007	.0005
%RSD	262.1	29.50	75.55	10.69	23.78	228.4	40.28	286.3	25.60
#1	.0000	-.0001	.0006	.0015	-.0005	.0004	-.0004	.0002	-.0016
#2	.0000	-.0001	.0002	.0013	-.0008	-.0015	-.0007	-.0007	-.0023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0019	.0086	.0018	-.0003	.0000	.0001	-.0042	.0001
Stddev	.0003	.0086	.0039	.0050	.0002	.000	.0000	.0002	.0005
%RSD	331.8	464.8	45.44	276.2	71.67	267.1	72.05	3.601	388.4
#1	-.0001	.0079	.0059	.0054	-.0001	.0000	.0000	-.0043	-.0002
#2	.0003	-.0042	.0114	-.0017	-.0004	-.0001	.0001	-.0041	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICB Acquired: 11/2/2010 11:27:15 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0000	.0001	.0037	.0003
Stddev	.0000	.0002	.0003	.0000
%RSD	20.53	276.6	8.026	3.804
#1	.0000	.0002	.0040	.0003
#2	.0000	-.0001	.0035	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	134470.	40471.	2966.2	8757.1
Stddev	3621.	46.	1.1	5.3
%RSD	2.6927	.11295	.03685	.06069
#1	137030.	40503.	2965.5	8753.3
#2	131910.	40438.	2967.0	8760.8

Zoom In Zoom Out

Sample Name: ICCV Acquired: 11/2/2010 11:32:19 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.002	2.029	1.981	2.010	1.968	1.944	2.031	1.974	.2411
Stddev	.004	.008	.011	.011	.009	.004	.005	.009	.0006
%RSD	.2219	.4037	.5529	.5682	.4440	.1970	.2437	.4372	.2620
#1	1.996	2.016	1.990	2.018	1.967	1.945	2.028	1.977	.2412
#2	2.002	2.032	1.989	2.020	1.961	1.947	2.026	1.983	.2404
#3	2.002	2.033	1.977	2.007	1.965	1.938	2.032	1.972	.2410
#4	2.007	2.033	1.967	1.996	1.981	1.944	2.037	1.963	.2420
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.993	2.009	1.987	2.004	1.962	1.985	1.973	38.96	39.38
Stddev	.004	.013	.011	.008	.012	.011	.013	.13	.21
%RSD	.2002	.6551	.5351	.3848	.6031	.5767	.6657	.3251	.5410
#1	1.991	2.015	1.995	2.012	1.969	1.995	1.987	38.77	39.06
#2	1.989	2.023	1.995	2.007	1.973	1.991	1.980	39.05	39.54
#3	1.993	2.004	1.984	2.002	1.958	1.983	1.968	39.00	39.49
#4	1.998	1.993	1.973	1.994	1.947	1.969	1.957	39.01	39.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ICCV Acquired: 11/2/2010 11:32:19 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.68	38.74	39.27	39.69	1.996	2.008	1.943	4.954	2.020
Stddev	.17	.20	.07	.07	.013	.011	.005	.022	.012
%RSD	.4358	.5034	.1878	.1807	.6390	.5519	.2530	.4358	.5715
#1	39.42	38.45	39.20	39.63	2.008	2.017	1.946	4.976	2.027
#2	39.78	38.86	39.36	39.80	2.004	2.016	1.944	4.965	2.031
#3	39.74	38.86	39.28	39.68	1.993	2.004	1.935	4.948	2.015
#4	39.76	38.79	39.22	39.68	1.980	1.993	1.945	4.927	2.006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.981	1.963	1.956	1.978
Stddev	.039	.002	.005	.003
%RSD	1.956	.1077	.2609	.1467
#1	1.969	1.961	1.952	1.976
#2	2.038	1.963	1.962	1.978
#3	1.950	1.966	1.958	1.976
#4	1.968	1.963	1.952	1.982
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Zoom In Zoom Out

Sample Name: ICCV Acquired: 11/2/2010 11:32:19 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	129230.	40030.	2827.3	7918.8
Stddev	261.	163.	19.5	49.3
%RSD	.20192	.40690	.69133	.62211
#1	129250.	40260.	2805.5	7869.9
#2	129110.	39885.	2818.2	7887.9
#3	129590.	39956.	2835.4	7939.4
#4	128990.	40020.	2850.2	7978.1

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 11:46:20 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0007	.0000	.0001	.0005	.0006	.0004	.0000	.0003
Stddev	.0001	.0000	.0001	.0000	.0000	.0000	.0001	.0001	.0001
%RSD	15.20	5.003	312.7	15.24	.4526	1.303	30.12	352.2	30.41
#1	.0009	.0008	.0001	.0001	.0005	.0006	.0005	.0001	.0002
#2	.0007	.0007	.0000	.0001	.0005	.0006	.0003	-.0001	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0002	.0008	.0015	-.0003	-.0006	.0000	.0117	.0112
Stddev	.0001	.0001	.0001	.0009	.0004	.0008	.0001	.0000	.0008
%RSD	16.42	41.47	9.201	60.50	126.6	129.0	135.2	.0603	6.875
#1	.0005	.0002	.0008	.0022	.0000	-.0001	.0000	.0117	.0117
#2	.0006	.0001	.0007	.0009	-.0006	-.0012	.0001	.0117	.0107
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0127	.0165	.0408	.0211	.0003	.0004	.0005	-.0033	-.0005
Stddev	.0009	.0044	.0024	.0059	.0000	.0001	.0002	.0001	.0001
%RSD	6.846	26.67	5.917	27.77	1.206	29.39	35.09	2.550	20.24
#1	.0133	.0196	.0391	.0252	.0003	.0005	.0004	-.0032	-.0005
#2	.0121	.0134	.0425	.0169	.0003	.0003	.0006	-.0033	-.0006
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 11:46:20 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0008	.0004	.0114	.0007
Stddev	.0001	.0000	.0013	.0001
%RSD	9.162	.0458	11.43	12.30
#1	.0009	.0004	.0124	.0007
#2	.0008	.0004	.0105	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	134400.	40673.	2962.1	8744.3
Stddev	974.	380.	5.9	25.2
%RSD	.72501	.93334	.19855	.28817
#1	135090.	40941.	2958.0	8726.5
#2	133710.	40404.	2966.3	8762.1

Zoom In / Zoom Out

Sample Name: ICSA Acquired: 11/2/2010 11:55:03 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0038	.0000	.0009	.0009	.0012	.0012	.0013	-.0010	.0030
Stddev	.0000	.0000	.0000	.0002	.0003	.0004	.0000	.0000	.0003
%RSD	.2265	48.70	1.425	18.61	26.32	33.91	1.786	4.671	8.721
#1	-.0038	.0000	.0009	.0008	.0009	.0009	.0014	-.0010	.0028
#2	-.0038	.0000	.0009	.0010	.0014	.0015	.0013	-.0010	.0032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0005	.0019	-.0026	.0008	.0036	-.0005	514.2	390.5
Stddev	.0001	.0000	.0001	.0009	.0014	.0008	.0000	3.7	5.3
%RSD	21.38	6.073	7.421	34.14	175.7	22.74	1.334	.7151	1.347
#1	.0004	.0006	.0018	-.0033	.0018	.0041	-.0005	511.6	386.8
#2	.0006	.0005	.0020	-.0020	-.0002	.0030	-.0005	516.8	394.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	190.5	541.3	.0466	.4615	-.0017	.0030	-.0235	-.0102	-.0068
Stddev	1.3	3.4	.0025	.0017	.0008	.0002	.0004	.0008	.0001
%RSD	.6880	.6203	5.344	.3618	47.65	5.404	1.596	7.496	1.004
#1	189.6	538.9	.0449	.4627	-.0023	.0031	-.0237	-.0108	-.0069
#2	191.5	543.6	.0484	.4603	-.0011	.0029	-.0232	-.0097	-.0068
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In / Zoom Out

Sample Name: ICSA Acquired: 11/2/2010 11:55:03 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0008	.0039	.0469	.0011
Stddev	.0001	.0004	.0017	.0003
%RSD	7.280	9.761	3.608	29.26
#1	.0008	.0037	.0481	.0009
#2	.0008	.0042	.0457	.0014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	117720.	37549.	2553.6	6623.7
Stddev	95.	127.	2.4	5.0
%RSD	.08060	.33766	.09549	.07583
#1	117650.	37639.	2555.4	6627.2
#2	117790.	37459.	2551.9	6620.1

Zoom In / Zoom Out

Sample Name: ICSAB Acquired: 11/2/2010 12:01:21 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5400	.5175	1.086	.4824	.5113	.5409	.5146	1.002	1.128
Stddev	.0026	.0028	.001	.0011	.0005	.0018	.0001	.001	.002
%RSD	.4844	.5331	.0749	.2180	.0967	.3299	.0224	.1201	.1555
#1	.5382	.5156	1.087	.4832	.5117	.5422	.5147	1.003	1.129
#2	.5419	.5195	1.086	.4817	.5110	.5397	.5145	1.002	1.127
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4761	.9366	1.075	1.010	.9999	1.043	1.083	519.6	388.9
Stddev	.0004	.0034	.001	.004	.0027	.003	.000	5.1	1.3
%RSD	.0807	.3664	.1107	.4205	.2661	.2686	.0204	.9805	.3458
#1	.4758	.9390	1.075	1.013	1.002	1.041	1.083	523.2	389.8
#2	.4763	.9341	1.074	1.007	.9980	1.045	1.082	516.0	387.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	189.2	533.7	.0456	.4685	-.0030	.5124	.5472	-.0076	-.0076
Stddev	1.6	3.6	.0036	.0027	.0004	.0001	.0013	.0014	.0004
%RSD	.8284	.6695	7.860	.5764	12.63	.0248	.2355	18.27	5.134
#1	188.1	531.1	.0431	.4704	-.0033	.5123	.5481	-.0066	-.0079
#2	190.3	536.2	.0482	.4666	-.0028	.5124	.5463	-.0086	-.0073
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In / Zoom Out

Sample Name: ICSAB Acquired: 11/2/2010 12:01:21 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0008	.0040	.5411	.5195
Stddev	.0001	.0001	.0011	.0016
%RSD	9.501	1.410	.2058	.3109
#1	.0008	.0040	.5419	.5207
#2	.0009	.0040	.5403	.5184
Check ?	None	None	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	117670.	37934.	2558.3	6636.1
Stddev	295.	141.	3.1	8.4
%RSD	.25058	.37237	.12107	.12697
#1	117460.	38034.	2560.5	6642.1
#2	117880.	37835.	2556.1	6630.2

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 12:07:37 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.958	1.989	2.004	2.033	1.942	1.916	1.994	1.995	.2379
Stddev	.033	.029	.016	.018	.050	.057	.054	.016	.0062
%RSD	1.673	1.439	.7967	.8784	2.592	2.959	2.697	.8024	2.607
#1	1.981	2.010	2.015	2.046	1.907	1.876	1.956	2.007	.2335
#2	1.935	1.969	1.992	2.021	1.978	1.956	2.032	1.984	.2423
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.958	2.025	2.009	2.020	1.975	2.006	1.993	38.11	38.47
Stddev	.055	.016	.021	.016	.015	.018	.018	.64	.40
%RSD	2.781	.8020	1.070	.7797	.7630	.8728	.8905	1.668	1.031
#1	1.920	2.036	2.024	2.031	1.986	2.019	2.005	38.56	38.75
#2	1.997	2.013	1.994	2.009	1.964	1.994	1.980	37.66	38.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.77	38.08	38.26	38.61	2.012	2.029	1.916	5.035	2.040
Stddev	.49	.45	.78	.80	.018	.016	.050	.040	.016
%RSD	1.263	1.169	2.042	2.073	.9033	.7749	2.601	.7845	.7978
#1	39.12	38.39	38.82	39.18	2.025	2.040	1.881	5.063	2.052
#2	38.43	37.76	37.71	38.04	2.000	2.018	1.951	5.007	2.029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 12:07:37 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.937	1.929	1.953	1.950
Stddev	.019	.051	.007	.054
%RSD	.9881	2.631	.3367	2.778
#1	1.950	1.893	1.958	1.912
#2	1.923	1.965	1.948	1.988
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	131480.	40711.	2809.4	7888.4
Stddev	3249.	482.	19.0	52.0
%RSD	2.4707	1.1841	.67595	.65869
#1	133770.	40370.	2796.0	7851.7
#2	129180.	41052.	2822.9	7925.1

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 12:13:42 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0003	.0001	.0001	.0001	.0001	.0003	.0002	.0003
Stddev	.0001	.0001	.0001	.0000	.0002	.0001	.0001	.0001	.0001
%RSD	33.60	19.68	99.03	77.57	279.5	93.36	18.76	79.16	20.61
#1	.0003	.0003	.0002	.0001	.0003	.0002	.0003	.0001	.0004
#2	.0005	.0004	.0000	.0000	-.0001	.0000	.0002	.0002	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0003	.0010	.0013	-.0003	-.0008	.0002	F .0407	.0357
Stddev	.0001	.0000	.0006	.0005	.0004	.0004	.0003	.0094	.0072
%RSD	24.61	12.82	59.99	38.08	118.3	57.11	212.7	23.07	20.06
#1	.0006	.0004	.0014	.0009	-.0006	-.0005	-.0001	.0340	.0307
#2	.0004	.0003	.0006	.0016	-.0001	-.0011	.0004	.0473	.0408
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit								.0200	
Low Limit								-.0200	

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0220	.0505	.0295	.0121	.0002	.0008	-.0002	-.0030	-.0001
Stddev	.0047	.0080	.0078	.0009	.0002	.0000	.0001	.0004	.0004
%RSD	21.12	15.92	26.46	7.553	70.28	3.631	83.94	12.16	671.4
#1	.0187	.0448	.0350	.0128	.0004	.0008	-.0002	-.0028	-.0003
#2	.0253	.0562	.0240	.0115	.0001	.0007	-.0001	-.0033	.0002
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 12:13:42 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0004	.0002	.0114	.0005
Stddev	.0001	.0000	.0013	.0001
%RSD	23.37	4.454	11.32	13.97
#1	.0003	.0003	.0124	.0006
#2	.0004	.0002	.0105	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	135220.	40647.	2942.3	8728.6
Stddev	529.	747.	10.8	35.4
%RSD	.39149	1.8380	.36629	.40509
#1	135600.	41175.	2950.0	8753.6
#2	134850.	40119.	2934.7	8703.6

Zoom In Zoom Out

Sample Name: CRID Acquired: 11/2/2010 12:19:55 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040	.0011	.0011	.0027	.0019	.0016	.0033	.0043	.0013
Stddev	.0000	.0000	.0001	.0001	.0001	.0003	.0000	.0000	.0000
%RSD	.9849	4.059	9.057	5.059	7.314	18.37	.9642	.4438	1.946
#1	.0040	.0010	.0011	.0028	.0020	.0018	.0033	.0043	.0013
#2	.0041	.0011	.0010	.0026	.0018	.0014	.0033	.0043	.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	.0108	.0037	.0029	.0022	.0039	.0027	.1061	1.010
Stddev	.0000	.0001	.0001	.0002	.0001	.0007	.0001	.0027	.010
%RSD	1.165	.8644	1.383	7.044	2.338	17.82	3.391	2.526	1.001
#1	.0023	.0109	.0037	.0030	.0022	.0044	.0026	.1042	1.003
#2	.0023	.0107	.0036	.0027	.0021	.0034	.0027	.1080	1.017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067	.1048	1.987	1.014	.0098	.0001	-.0005	.0002	.0001
Stddev	.0004	.0022	.042	.018	.0003	.0001	.0001	.0003	.0004
%RSD	6.559	2.088	2.110	1.821	2.689	89.30	23.47	188.2	377.1
#1	.0063	.1033	1.957	1.001	.0096	.0002	-.0004	-.0001	.0004
#2	.0070	.1064	2.017	1.027	.0100	.0000	-.0005	.0004	-.0002
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: CRID Acquired: 11/2/2010 12:19:55 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0001	.0002	.0052	F .0001
Stddev	.0000	.0000	.0004	.0000
%RSD	33.50	8.687	7.553	11.74
#1	.0000	.0002	.0055	.0001
#2	.0001	.0002	.0050	.0001
Check ?	None	None	Chk Pass	Chk Fail
Value				.0040
Range				-50.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	134340.	40904.	2963.1	8760.0
Stddev	835.	419.	21.0	55.8
%RSD	.62119	1.0250	.71026	.63754
#1	133750.	41200.	2948.2	8720.5
#2	134930.	40607.	2977.9	8799.5

Zoom In Zoom Out

Sample Name: SAMPLECONF Acquired: 11/2/2010 12:26:05 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0070	.0000	.0001	.0000	.0001	.0002	.0021	.0003	.0003
Stddev	.0001	.000	.0000	.0001	.0001	.0001	.0000	.0000	.0000
%RSD	1.931	103.3	29.86	255.3	159.4	34.69	.2832	2.293	.4114
#1	.0069	.0000	.0001	.0000	.0000	.0002	.0021	.0003	.0003
#2	.0071	.0000	.0001	.0001	.0001	.0001	.0021	.0003	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0004	.0027	.0014	.0013	.0008	.0010	-.0002	.0093	1.340
Stddev	.0000	.0001	.0005	.0005	.0004	.0003	.0002	.0038	.005
%RSD	13.01	3.068	32.15	35.79	45.42	26.33	112.7	40.75	.3589
#1	.0003	.0027	.0018	.0017	.0010	.0012	-.0004	.0120	1.344
#2	.0004	.0026	.0011	.0010	.0005	.0008	.0000	.0066	1.337

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0042	.2800	.0237	.1789	.0013	.0002	-.0002	.0124	.0001
Stddev	.0007	.0047	.0039	.0012	.0000	.0000	.0007	.0018	.0001
%RSD	16.19	1.663	16.37	.6746	.9007	24.54	304.8	14.23	64.73
#1	.0047	.2833	.0265	.1781	.0013	.0002	-.0007	.0112	.0001
#2	.0037	.2767	.0210	.1798	.0014	.0002	.0003	.0137	.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0103	.0002	.0124	.0003
Stddev	.0000	.0003	.0027	.0001
%RSD	.2021	148.6	21.70	21.01
#1	.0103	.0004	.0143	.0002
#2	.0103	.0000	.0105	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	134280.	40869.	2910.6	8684.4
Stddev	24.	163.	12.5	15.4
%RSD	.01809	.39823	.42963	.17697
#1	134300.	40754.	2919.4	8695.2
#2	134270.	40984.	2901.7	8673.5

Zoom In Zoom Out

Sample Name: CRID Acquired: 11/2/2010 12:32:16 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041	.0010	.0009	.0026	.0020	.0017	.0033	.0044
Stddev	.0000	.0000	.0001	.0002	.0001	.0000	.0000	.0001
%RSD	1.195	1.320	6.337	6.326	4.773	1.327	1.433	2.322
#1	.0040	.0010	.0010	.0027	.0019	.0017	.0033	.0043
#2	.0041	.0010	.0009	.0025	.0020	.0017	.0032	.0045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Ag3280	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	.0020	.0107	.0036	.0023	.0021	.0035	.0027
Stddev	.0000	.0002	.0001	.0000	.0002	.0002	.0003	.0003
%RSD	3.883	8.308	.6440	1.105	7.950	7.692	9.934	10.85
#1	.0012	.0021	.0107	.0035	.0021	.0020	.0033	.0029
#2	.0013	.0019	.0106	.0036	.0024	.0022	.0038	.0025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Al3961	Ca3179	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1007	1.020	.0050	.0914	2.006	1.026	.0098	-.0001
Stddev	.0034	.008	.0007	.0048	.024	.008	.0001	.0001
%RSD	3.403	.7952	13.37	5.237	1.182	.8173	1.341	53.37
#1	.0983	1.014	.0054	.0880	1.989	1.020	.0097	-.0002
#2	.1032	1.026	.0045	.0948	2.022	1.032	.0099	-.0001
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value								
Range								

Zoom In Zoom Out

Sample Name: CRID Acquired: 11/2/2010 12:32:16 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	-.0005	.0000	.0000	.0001	F -.0027	F .0000
Stddev	.0003	.0004	.0001	.000	.0002	.0002	.0000
%RSD	67.49	84.33	186.0	656.2	310.0	7.896	148.4
#1	.0007	-.0002	.0000	.0000	-.0001	-.0028	.0000
#2	.0003	-.0008	.0001	.0000	.0002	-.0025	.0000
Check ?	None	None	None	None	None	Chk Fail	Chk Fail
Value						.0040	.0040
Range						-50.00%	-50.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	135970.	40375.	2959.9	8741.9
Stddev	448.	203.	26.7	65.5
%RSD	.32927	.50187	.90220	.74870
#1	135650.	40518.	2941.1	8695.6
#2	136290.	40231.	2978.8	8788.2

Zoom In Zoom Out

Sample Name: CRID Acquired: 11/2/2010 12:38:27 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040	.0010	.0009	.0026	.0020	.0017	.0032	.0045
Stddev	.0000	.0000	.0001	.0001	.0001	.0001	.0000	.0000
%RSD	1.108	4.041	12.20	2.814	3.207	5.276	.4175	.7683
#1	.0039	.0010	.0008	.0026	.0020	.0017	.0032	.0045
#2	.0040	.0010	.0010	.0027	.0019	.0018	.0032	.0045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Ag3280.	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0021	.0108	.0035	.0018	.0022	.0038	.0030
Stddev	.0000	.0000	.0000	.0000	.0001	.0001	.0000	.0002
%RSD	2.947	2.015	.2316	.3662	7.323	3.770	1.095	6.386
#1	.0011	.0021	.0109	.0035	.0019	.0022	.0039	.0031
#2	.0011	.0021	.0108	.0036	.0017	.0023	.0038	.0028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Al3961	Ca3179	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0982	1.004	.0046	.0956	1.988	1.007	.0094	-.0001
Stddev	.0042	.009	.0009	.0025	.005	.005	.0002	.0000
%RSD	4.320	.9256	20.71	2.603	.2576	.5247	2.490	24.60
#1	.0952	.9970	.0039	.0939	1.984	1.003	.0096	-.0002
#2	.1012	1.010	.0052	.0974	1.991	1.011	.0093	-.0001
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value								
Range								

Zoom In Zoom Out

Sample Name: CRID Acquired: 11/2/2010 12:38:27 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0006	-.0002	.0000	.0002	F -.0027	F .0000
Stddev	.0006	.0000	.0002	.000	.0000	.0005	.000
%RSD	194.0	7.709	83.23	59.11	15.85	20.02	88.99
#1	-.0001	-.0007	-.0003	.0000	.0002	-.0030	.0000
#2	.0007	-.0006	-.0001	.0000	.0002	-.0023	.0000
Check ?	None	None	None	None	None	Chk Fail	Chk Fail
Value						.0040	.0040
Range						-50.00%	-50.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	136200.	40983.	2939.9	8692.3
Stddev	129.	210.	.6	.1
%RSD	.09454	.51249	.02016	.00147
#1	136290.	41132.	2939.5	8692.3
#2	136110.	40835.	2940.3	8692.4

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 12:44:39 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.977	2.012	1.999	2.028	1.955	1.930	2.012	1.993	.2391
Stddev	.020	.022	.001	.001	.004	.007	.004	.001	.0005
%RSD	1.016	1.084	.0245	.0514	.2124	.3657	.1839	.0550	.1910
#1	1.963	1.996	2.000	2.029	1.958	1.935	2.015	1.994	.2395
#2	1.991	2.027	1.999	2.028	1.952	1.925	2.010	1.992	.2388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.974	2.016	2.004	2.022	1.967	2.001	1.988	38.45	38.74
Stddev	.003	.000	.004	.004	.003	.002	.000	.44	.42
%RSD	.1547	.0198	.2172	.2084	.1248	.1075	.0202	1.156	1.074
#1	1.977	2.016	2.001	2.025	1.969	2.000	1.988	38.14	38.45
#2	1.972	2.017	2.007	2.019	1.965	2.003	1.987	38.76	39.04
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.05	38.39	38.81	39.01	2.008	2.025	1.928	5.061	2.041
Stddev	.43	.50	.32	.34	.002	.001	.006	.007	.000
%RSD	1.103	1.311	.8306	.8659	.0863	.0541	.3006	.1307	.0115
#1	38.75	38.04	38.58	38.78	2.006	2.024	1.932	5.065	2.041
#2	39.36	38.75	39.03	39.25	2.009	2.026	1.924	5.056	2.041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 12:44:39 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.957	1.948	1.944	1.966
Stddev	.015	.006	.009	.003
%RSD	.7813	.2996	.4580	.1633
#1	1.946	1.952	1.938	1.968
#2	1.968	1.944	1.951	1.964
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	130840.	40116.	2812.4	7911.9
Stddev	134.	297.	1.8	5.3
%RSD	.10240	.73970	.06325	.06675
#1	130740.	40326.	2813.7	7915.6
#2	130930.	39906.	2811.2	7908.1

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 12:50:44 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0003	.0001	.0001	.0002	.0001	.0003	.0001	.0004
Stddev	.0000	.0000	.0001	.0001	.0000	.0001	.0000	.0002	.0000
%RSD	3.943	2.578	115.5	57.05	10.84	190.5	16.71	162.9	.4409
#1	.0003	.0003	.0002	.0002	.0002	.0000	.0003	.0003	.0004
#2	.0003	.0003	.0000	.0001	.0002	.0001	.0002	.0000	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0004	.0003	.0015	.0004	-.0015	.0003	.0076	.0031
Stddev	.0001	.0001	.0006	.0004	.0003	.0005	.0004	.0020	.0007
%RSD	27.15	33.80	172.0	25.27	59.60	32.00	136.4	25.86	21.95
#1	.0006	.0005	.0007	.0017	.0003	-.0018	.0005	.0062	.0036
#2	.0004	.0003	-.0001	.0012	.0006	-.0012	.0000	.0090	.0026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069	.0107	.0260	.0149	.0002	.0007	.0001	-.0029	.0003
Stddev	.0017	.0012	.0096	.0015	.0005	.0001	.0001	.0004	.0001
%RSD	23.97	11.53	37.12	10.16	220.9	19.01	179.8	12.97	26.12
#1	.0058	.0115	.0328	.0160	.0006	.0008	.0002	-.0026	.0003
#2	.0081	.0098	.0192	.0138	-.0001	.0006	.0000	-.0031	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 12:50:44 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0004	.0004	.0082	.0005
Stddev	.0000	.0001	.0016	.0000
%RSD	1.651	29.46	19.39	4.281
#1	.0004	.0005	.0093	.0005
#2	.0004	.0003	.0071	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	135370.	40357.	2936.8	8704.1
Stddev	1627.	251.	7.8	12.3
%RSD	1.2022	.62117	.26599	.14172
#1	134220.	40534.	2942.3	8712.9
#2	136520.	40179.	2931.3	8695.4

Zoom In Zoom Out

Sample Name: SAMPLECONF Acquired: 11/2/2010 12:56:57 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0057	.0000	-.0001	.0001	-.0002	.0002	.0014	.0003	.0002
Stddev	.0004	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
%RSD	7.639	35.89	60.68	42.00	2.153	22.19	2.399	12.62	45.30
#1	.0061	.0000	.0000	.0001	-.0002	.0002	.0014	.0003	.0001
#2	.0054	.0000	-.0001	.0001	-.0002	.0002	.0014	.0003	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	.0021	.0014	.0022	.0001	-.0015	.0000	.0139	1.102
Stddev	.0000	.0001	.0001	.0000	.0007	.0001	.0003	.0007	.082
%RSD	4.094	3.973	5.346	.6436	450.5	5.138	1098.	5.244	7.446
#1	.0002	.0022	.0013	.0022	-.0003	-.0014	-.0002	.0144	1.160
#2	.0002	.0021	.0014	.0022	.0006	-.0015	.0002	.0134	1.044

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0065	.2368	.0095	.1437	.0001	.0000	-.0003	.0055	-.0002
Stddev	.0007	.0128	.0005	.0112	.0002	.0001	.0004	.0011	.0001
%RSD	10.37	5.406	5.209	7.785	283.0	146.2	165.6	20.13	57.91
#1	.0070	.2458	.0098	.1516	.0003	.0000	-.0006	.0063	-.0003
#2	.0060	.2277	.0091	.1358	-.0001	.0001	.0000	.0047	-.0001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0084	-.0001	.0019	.0001
Stddev	.0006	.0002	.0015	.0001
%RSD	6.986	377.1	78.36	107.0
#1	.0089	.0001	.0030	.0002
#2	.0080	-.0002	.0009	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	137110.	40971.	2944.6	8784.7
Stddev	1313.	204.	40.5	103.8
%RSD	.95757	.49825	1.3770	1.1821
#1	136180.	40827.	2973.3	8858.1
#2	138040.	41115.	2916.0	8711.2

Zoom In Zoom Out

Sample Name: MP55431-MB2 Acquired: 11/2/2010 13:03:08 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	-.0001	.0000	-.0002	.0004	.0000	.0000	.0001	.0004
Stddev	.0000	.0000	.000	.0000	.0003	.000	.000	.0001	.0000
%RSD	57.05	41.20	246.1	29.19	85.80	1299.	3.015	83.15	1.082
#1	.0000	.0000	-.0001	-.0002	.0006	.0001	.0000	.0001	.0004
#2	.0000	-.0001	.0000	-.0001	.0001	-.0001	.0000	.0002	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	.0010	.0000	.0004	-.0004	.0002	-.0001	.0027	.0013
Stddev	.0000	.0000	.0002	.0004	.0001	.0001	.0001	.0015	.0005
%RSD	13.92	.7509	1589.	104.0	11.69	53.76	214.1	55.73	35.27
#1	.0001	.0010	.0001	.0001	-.0004	.0001	.0000	.0016	.0016
#2	.0002	.0010	-.0001	.0006	-.0005	.0003	-.0002	.0037	.0010

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0018	-.0002	.0035	-.0020	-.0003	.0001	.0001	.0020	.0001
Stddev	.0005	.0010	.0022	.0002	.0003	.0002	.0000	.0002	.0002
%RSD	27.95	541.2	60.74	7.630	108.5	120.5	35.81	7.407	126.2
#1	.0014	.0005	.0020	-.0022	-.0001	.0000	.0002	.0022	.0000
#2	.0021	-.0009	.0051	-.0019	-.0005	.0003	.0001	.0019	.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0001	.0006	.0001
Stddev	.000	.0001	.0003	.0000
%RSD	168.3	175.1	52.89	58.64
#1	.0000	.0001	.0008	.0001
#2	.0000	.0000	.0004	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	134290.	40679.	2927.0	8752.0
Stddev	548.	19.	20.7	60.5
%RSD	.40803	.04764	.70876	.69132
#1	133910.	40666.	2912.3	8709.2
#2	134680.	40693.	2941.7	8794.7

Zoom In Zoom Out

Sample Name: MP55431-MB1 Acquired: 11/2/2010 13:09:18 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	-.0001	-.0001	-.0001	-.0001	-.0004	.0000	.0000	.0003
Stddev	.0000	.0000	.0000	.0001	.0001	.0000	.000	.000	.0002
%RSD	37.94	21.60	13.98	73.42	173.8	9.423	27.46	982.9	58.64
#1	.0000	.0000	-.0001	-.0001	-.0001	-.0004	.0000	-.0001	.0002
#2	.0000	-.0001	-.0001	-.0002	.0000	-.0004	-.0001	.0001	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.0011	-.0001	.0008	.0000	-.0015	-.0002	.0023	.0169
Stddev	.000	.0000	.0001	.0000	.0002	.0007	.0002	.0039	.0004
%RSD	30990.	1.050	110.6	5.597	6739.	48.12	66.02	166.8	2.542
#1	.0000	.0011	-.0002	.0008	.0001	-.0021	-.0001	-.0004	.0172
#2	.0000	.0011	.0000	.0008	-.0001	-.0010	-.0004	.0051	.0166

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0003	.0036	.0052	.0018	-.0007	-.0001	.0003	-.0032	-.0005
Stddev	.0004	.0018	.0085	.0010	.0002	.0001	.0002	.0001	.0003
%RSD	135.2	50.66	162.2	53.33	22.63	54.64	74.20	2.139	66.04
#1	.0000	.0023	-.0008	.0011	-.0008	-.0002	.0004	-.0031	-.0007
#2	.0006	.0049	.0112	.0025	-.0006	-.0001	.0001	-.0032	-.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0001	.0001	-.0026	-.0001
Stddev	.0000	.0002	.0001	.0000
%RSD	49.57	120.9	4.220	30.19
#1	.0001	.0003	-.0027	-.0001
#2	.0001	.0000	-.0025	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	135620.	40668.	2941.3	8717.0
Stddev	285.	18.	30.7	90.2
%RSD	.21031	.04536	1.0437	1.0352
#1	135820.	40681.	2963.0	8780.8
#2	135420.	40654.	2919.6	8653.2

Zoom In Zoom Out

Sample Name: MP55431-LC1 Acquired: 11/2/2010 13:15:29 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5063	.5125	.4992	.5211	.4966	.4679	.5158	.4964	.1887
Stddev	.0024	.0023	.0009	.0013	.0356	.0358	.0377	.0003	.0132
%RSD	.4752	.4496	.1798	.2489	7.165	7.649	7.315	.0547	6.987
#1	.5080	.5141	.4999	.5220	.4714	.4426	.4891	.4966	.1794
#2	.5046	.5108	.4986	.5202	.5217	.4932	.5425	.4962	.1980

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4700	.5106	.5036	.4837	.4811	.4934	.4989	4.835	5.533
Stddev	.0350	.0001	.0004	.0020	.0018	.0007	.0009	.029	.026
%RSD	7.442	.0261	.0746	.4169	.3810	.1438	.1892	.6053	.4774
#1	.4453	.5107	.5039	.4823	.4798	.4929	.4996	4.855	5.552
#2	.4948	.5105	.5034	.4852	.4824	.4939	.4982	4.814	5.515

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	5.553	5.181	9.762	10.02	.0058	.5188	.0028	.1369	.0000
Stddev	.035	.010	.021	.05	.0003	.0004	.0007	.0004	.000
%RSD	.6381	.2004	.2187	.4506	5.761	.0862	25.87	.3105	1920.
#1	5.578	5.188	9.777	10.05	.0060	.5192	.0034	.1372	.0002
#2	5.528	5.173	9.747	9.988	.0055	.5185	.0023	.1366	-.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0005	.4894	.0138	-.0010
Stddev	.0000	.0365	.0001	.0003
%RSD	2.642	7.463	.5585	31.45
#1	.0005	.4636	.0137	-.0008
#2	.0005	.5152	.0138	-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	133440.	40191.	2860.1	8454.1
Stddev	8617.	306.	9.4	16.9
%RSD	6.4577	.76259	.32876	.20042
#1	139530.	39974.	2853.4	8442.1
#2	127350.	40407.	2866.7	8466.1

Zoom In Zoom Out

Sample Name: MP55431-B1 Acquired: 11/2/2010 13:21:28 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	1.827	.0460	.0505	.4817	.1874	.2197	.4776	.4668	.0463
Stddev	.070	.0014	.0001	.0019	.0013	.0008	.0034	.0000	.0003
%RSD	3.808	3.105	.1248	.3894	.6893	.3472	.7100	.0067	.6363
#1	1.876	.0470	.0504	.4804	.1884	.2202	.4800	.4668	.0466
#2	1.778	.0450	.0505	.4831	.1865	.2191	.4752	.4668	.0461

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4364	.4738	1.876	1.825	.4527	1.851	.4784	1.792	22.97
Stddev	.0025	.0007	.007	.007	.0003	.008	.0021	.063	.56
%RSD	.5732	.1540	.3979	.3746	.0670	.4084	.4458	3.506	2.457
#1	.4382	.4733	1.871	1.821	.4529	1.845	.4769	1.836	23.37
#2	.4346	.4743	1.882	1.830	.4525	1.856	.4799	1.747	22.57

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.9763	22.57	23.12	23.56	1.923	1.973	1.851	3.917	1.937
Stddev	.0278	.52	.85	.96	.007	.004	.005	.021	.005
%RSD	2.845	2.320	3.693	4.077	.3832	.2286	.2577	.5388	.2834
#1	.9960	22.94	23.73	24.24	1.918	1.970	1.854	3.902	1.933
#2	.9567	22.20	22.52	22.88	1.928	1.976	1.848	3.932	1.941

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.870	1.860	.0514	-.0059
Stddev	.051	.012	.0001	.0000
%RSD	2.739	.6231	.1685	.3093
#1	1.906	1.868	.0514	-.0059
#2	1.834	1.852	.0515	-.0059

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	130880.	40921.	2810.0	8187.3
Stddev	415.	915.	11.1	15.7
%RSD	.31685	2.2361	.39566	.19191
#1	130590.	40274.	2817.8	8198.4
#2	131170.	41568.	2802.1	8176.2

Zoom In Zoom Out

Sample Name: MP55431-S1 Acquired: 11/2/2010 13:27:31 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	2.034	.0476	.0535	.5048	.1996	.2388	.7293	.4899	.0502
Stddev	.139	.0033	.0001	.0014	.0085	.0099	.0307	.0013	.0019
%RSD	6.825	6.947	.1202	.2864	4.275	4.166	4.216	.2620	3.783
#1	2.132	.0499	.0535	.5058	.2056	.2459	.7510	.4908	.0515
#2	1.936	.0453	.0535	.5037	.1935	.2318	.7075	.4890	.0489

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4704	.4919	2.024	1.899	.4685	1.713	.5114	1.836	81.45
Stddev	.0200	.0009	.002	.003	.0023	.002	.0007	.134	5.53
%RSD	4.255	.1884	.0742	.1793	.4831	.0905	.1398	7.303	6.786
#1	.4846	.4926	2.023	1.901	.4701	1.714	.5119	1.931	85.36
#2	.4563	.4913	2.025	1.896	.4669	1.712	.5109	1.742	77.54

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.085	25.77	29.05	38.05	2.111	2.081	1.856	32.19	2.024
Stddev	.071	1.81	1.91	2.59	.002	.002	.073	.04	.004
%RSD	6.534	7.019	6.561	6.817	.1145	.1014	3.933	.1304	.2149
#1	1.135	27.05	30.40	39.88	2.113	2.083	1.908	32.22	2.027
#2	1.035	24.50	27.70	36.22	2.110	2.080	1.804	32.16	2.021

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	2.231	1.980	.0820	-.0060
Stddev	.129	.083	.0014	.0002
%RSD	5.771	4.170	1.743	2.698
#1	2.322	2.038	.0830	-.0061
#2	2.140	1.921	.0810	-.0059

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	125410.	41407.	2713.5	7902.4
Stddev	4149.	2462.	3.0	9.0
%RSD	3.3079	5.9450	.11012	.11405
#1	122480.	39666.	2711.4	7896.0
#2	128350.	43147.	2715.6	7908.7

Zoom In Zoom Out

Sample Name: MP55431-S2 Acquired: 11/2/2010 13:33:33 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	2.131	.0496	.0530	.4990	.1925	.2300	.7049	.4846	.0482
Stddev	.003	.0001	.0002	.0008	.0012	.0003	.0026	.0003	.0002
%RSD	.1377	.1139	.4567	.1586	.6202	.1424	.3637	.0722	.4705
#1	2.133	.0497	.0529	.4995	.1916	.2303	.7031	.4848	.0480
#2	2.129	.0496	.0532	.4984	.1933	.2298	.7067	.4844	.0484

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.4547	.4863	2.002	1.873	.4643	1.705	.5068	1.936	84.95
Stddev	.0003	.0004	.001	.003	.0004	.003	.0003	.005	.21
%RSD	.0736	.0889	.0650	.1628	.0854	.1475	.0564	.2374	.2460
#1	.4545	.4860	2.003	1.875	.4646	1.707	.5070	1.939	84.80
#2	.4550	.4866	2.001	1.870	.4640	1.703	.5066	1.933	85.09

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.152	26.71	30.21	39.75	2.088	2.058	1.771	31.85	2.002
Stddev	.005	.01	.01	.04	.002	.001	.002	.03	.001
%RSD	.4161	.0448	.0228	.1119	.0777	.0312	.0923	.0881	.0537
#1	1.149	26.70	30.21	39.78	2.087	2.059	1.772	31.87	2.003
#2	1.155	26.72	30.20	39.72	2.089	2.058	1.770	31.83	2.001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	2.330	1.913	.0798	-.0059
Stddev	.012	.001	.0004	.0000
%RSD	.5138	.0313	.4409	.2291
#1	2.338	1.912	.0801	-.0059
#2	2.321	1.913	.0796	-.0059

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	128720.	39651.	2729.0	7933.1
Stddev	219.	24.	1.6	2.4
%RSD	.17031	.06017	.05912	.02970
#1	128570.	39668.	2727.8	7931.5
#2	128880.	39635.	2730.1	7934.8

Zoom In Zoom Out

Sample Name: JA59326-1 Acquired: 11/2/2010 13:39:33 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1504	.0000	.0003	-.0009	.0009	-.0018	.2155	.0014	.0002
Stddev	.0017	.000	.0001	.0000	.0001	.0002	.0001	.0000	.0001
%RSD	1.105	22.02	39.17	3.264	14.61	8.483	.0459	1.536	40.43
#1	.1492	.0000	.0004	-.0010	.0010	-.0019	.2156	.0014	.0002
#2	.1516	.0000	.0002	-.0009	.0008	-.0017	.2154	.0013	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0008	.0036	.0080	.0018	.0010	.0021	.0014	-.0158	61.37
Stddev	.0000	.0000	.0004	.0008	.0008	.0001	.0006	.0055	.61
%RSD	1.908	.2549	4.860	43.78	81.61	4.581	45.19	34.63	1.002
#1	.0008	.0036	.0083	.0023	.0004	.0020	.0018	-.0197	60.94
#2	.0008	.0036	.0077	.0012	.0015	.0022	.0009	-.0119	61.81

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0927	2.852	4.852	14.02	.0641	.0008	-.0008	27.99	-.0006
Stddev	.0006	.043	.058	.16	.0001	.0001	.0004	.16	.0003
%RSD	.5948	1.515	1.198	1.137	.2281	16.49	41.70	.5755	50.63
#1	.0923	2.821	4.811	13.90	.0642	.0009	-.0011	28.10	-.0004
#2	.0930	2.882	4.893	14.13	.0640	.0007	-.0006	27.87	-.0008

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.3323	-.0241	.0243	.0003
Stddev	.0038	.0000	.0007	.0000
%RSD	1.156	.0435	2.709	7.550
#1	.3296	-.0241	.0247	.0003
#2	.3350	-.0241	.0238	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	130540.	40079.	2765.8	8278.4
Stddev	342.	339.	11.7	31.0
%RSD	.26192	.84611	.42162	.37484
#1	130300.	40319.	2757.5	8256.5
#2	130780.	39839.	2774.0	8300.4

Zoom In Zoom Out

Sample Name: MP55431-SD1 Acquired: 11/2/2010 13:45:40 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1497	-.0003	-.0003	-.0021	.0007	-.0012	.2191	.0014	.0019
Stddev	.0001	.0000	.0002	.0003	.0003	.0013	.0003	.0002	.0001
%RSD	.0366	17.23	49.82	15.20	47.02	107.5	.1486	11.08	4.126
#1	.1496	-.0002	-.0005	-.0023	.0005	-.0022	.2193	.0013	.0020
#2	.1497	-.0003	-.0002	-.0019	.0009	-.0003	.2188	.0015	.0019

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0011	.0065	.0079	.0006	.0000	-.0005	-.0008	.0035	62.10
Stddev	.0005	.0005	.0006	.0011	.002	.0020	.0009	.0190	.06
%RSD	46.96	8.399	7.980	197.9	13930.	410.6	107.7	536.8	.0985
#1	.0015	.0069	.0084	.0014	-.0012	.0009	-.0015	.0170	62.06
#2	.0007	.0062	.0075	-.0002	.0012	-.0019	-.0002	-.0099	62.15

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0976	2.946	4.745	13.68	.0626	.0000	-.0008	27.46	-.0007
Stddev	.0027	.076	.004	.01	.0002	.000	.0016	.23	.0008
%RSD	2.798	2.588	.0798	.1061	.2491	2015.	208.0	.8403	118.4
#1	.0995	2.999	4.743	13.67	.0627	-.0002	.0004	27.29	-.0001
#2	.0957	2.892	4.748	13.69	.0625	.0001	-.0019	27.62	-.0013

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.3298	-.0244	.0029	.0004
Stddev	.0001	.0004	.0016	.0004
%RSD	.0390	1.753	54.95	88.78
#1	.3297	-.0247	.0040	.0007
#2	.3299	-.0241	.0018	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	134570.	40369.	2895.7	8670.2
Stddev	151.	62.	24.4	75.8
%RSD	.11208	.15405	.84391	.87479
#1	134680.	40325.	2913.0	8723.8
#2	134470.	40413.	2878.4	8616.6

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 13:51:50 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.010	2.040	2.016	2.043	1.959	1.939	2.014	2.006	.2398
Stddev	.005	.003	.004	.003	.004	.007	.004	.006	.0002
%RSD	.2724	.1641	.2057	.1662	.2259	.3443	.2036	.3079	.0649
#1	2.006	2.042	2.013	2.040	1.956	1.943	2.011	2.001	.2399
#2	2.014	2.037	2.019	2.045	1.963	1.934	2.017	2.010	.2397
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.977	2.019	2.020	2.036	1.969	2.018	1.998	39.08	38.88
Stddev	.001	.006	.001	.007	.002	.001	.003	.09	.29
%RSD	.0676	.2927	.0636	.3335	.0825	.0384	.1272	.2258	.7488
#1	1.976	2.015	2.019	2.031	1.968	2.017	1.997	39.02	39.09
#2	1.978	2.023	2.021	2.040	1.970	2.018	2.000	39.14	38.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.42	38.68	39.65	39.80	2.017	2.041	1.939	5.135	2.053
Stddev	.11	.20	.08	.14	.001	.004	.006	.005	.002
%RSD	.2895	.5160	.1949	.3404	.0432	.2225	.3237	.1046	.1025
#1	39.50	38.82	39.60	39.70	2.017	2.038	1.943	5.131	2.052
#2	39.34	38.54	39.71	39.89	2.016	2.044	1.934	5.139	2.055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 13:51:50 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.978	1.951	1.955	1.971
Stddev	.009	.003	.009	.001
%RSD	.4425	.1733	.4533	.0292
#1	1.984	1.949	1.949	1.970
#2	1.972	1.953	1.962	1.971
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	130850.	39635.	2800.8	7902.0
Stddev	369.	208.	.2	8.3
%RSD	.28179	.52456	.00565	.10485
#1	130590.	39488.	2800.9	7907.8
#2	131110.	39782.	2800.7	7896.1

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 13:57:53 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0005	.0001	.0001	.0003	.0001	.0005	.0003	.0003
Stddev	.0000	.0001	.0001	.0000	.0000	.0002	.0001	.0000	.0001
%RSD	.4601	10.05	71.87	39.07	11.09	134.0	16.08	9.222	30.72
#1	.0006	.0005	.0002	.0002	.0003	.0000	.0006	.0003	.0002
#2	.0006	.0006	.0001	.0001	.0003	.0002	.0004	.0003	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0005	.0006	.0016	-.0009	-.0007	.0003	.0080	.0085
Stddev	.0000	.0000	.0001	.0001	.0001	.0007	.0001	.0005	.0008
%RSD	1.428	8.068	16.10	5.298	12.06	102.3	42.41	6.111	8.916
#1	.0007	.0005	.0007	.0016	-.0008	-.0002	.0003	.0077	.0080
#2	.0007	.0005	.0005	.0017	-.0010	-.0011	.0002	.0084	.0091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0110	.0103	.0266	.0240	.0005	.0007	.0005	-.0020	.0002
Stddev	.0013	.0008	.0014	.0005	.0000	.0003	.0004	.0001	.0001
%RSD	11.85	8.210	5.188	2.044	2.430	37.78	78.57	3.100	48.63
#1	.0101	.0109	.0256	.0237	.0005	.0009	.0007	-.0020	.0003
#2	.0119	.0097	.0276	.0244	.0005	.0005	.0002	-.0021	.0001
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 13:57:53 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0006	.0008	.0056	.0005
Stddev	.0001	.0001	.0009	.0000
%RSD	15.67	10.46	15.31	4.261
#1	.0006	.0008	.0062	.0006
#2	.0007	.0007	.0050	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	136290.	40576.	2928.4	8718.6
Stddev	369.	159.	18.8	39.4
%RSD	.27061	.39117	.64034	.45153
#1	136550.	40688.	2941.7	8746.4
#2	136030.	40464.	2915.2	8690.7

Zoom In Zoom Out

Sample Name: JA58768-1 Acquired: 11/2/2010 14:04:05 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1449	.0000	.0001	.0002	.0013	.0004	1.103	.0013	.0008
Stddev	.0097	.0000	.0001	.0002	.0001	.0014	.018	.0003	.0001
%RSD	6.669	83.00	90.96	113.4	7.157	369.1	1.654	26.42	15.65
#1	.1518	.0001	.0000	.0000	.0014	.0013	1.090	.0011	.0009
#2	.1381	.0000	.0001	.0004	.0013	-.0006	1.116	.0016	.0007

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0016	.0014	.0077	.0003	.0008	.0044	.0014	.0314	39.01
Stddev	.0000	.0001	.0003	.0014	.0000	.0017	.0004	.0079	2.49
%RSD	1.847	7.537	3.641	520.3	.4157	40.06	26.22	25.19	6.386
#1	.0017	.0014	.0075	.0012	.0008	.0056	.0011	.0370	40.77
#2	.0016	.0015	.0079	-.0007	.0008	.0031	.0016	.0258	37.25

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	90.95	11.95	4.433	52.09	.0395	.0004	-.0006	1.732	-.0043
Stddev	5.88	.76	.279	3.21	.0009	.0001	.0034	.017	.0002
%RSD	6.462	6.328	6.289	6.164	2.198	37.71	579.4	.9852	5.590
#1	95.11	12.49	4.630	54.36	.0389	.0005	.0018	1.720	-.0042
#2	86.80	11.42	4.236	49.82	.0401	.0003	-.0030	1.744	-.0045

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1792	-.0011	.0133	.0014
Stddev	.0116	.0004	.0005	.0005
%RSD	6.488	37.43	3.813	35.15
#1	.1874	-.0008	.0137	.0017
#2	.1710	-.0014	.0130	.0010

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	128670.	40517.	2777.7	8127.4
Stddev	1789.	2204.	24.4	54.1
%RSD	1.3908	5.4395	.87948	.66590
#1	129930.	38959.	2795.0	8165.7
#2	127400.	42075.	2760.4	8089.1

Zoom In Zoom Out

Sample Name: JA58768-2 Acquired: 11/2/2010 14:10:12 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.4893	-.0001	.0001	.0008	.0019	.0004	.1158	.0037	.0005
Stddev	.0022	.0000	.0001	.0001	.0001	.0003	.0008	.0001	.0002
%RSD	.4514	8.177	79.28	10.25	7.179	65.96	.7088	3.616	38.24
#1	.4908	-.0001	.0001	.0009	.0020	.0006	.1152	.0036	.0007
#2	.4877	.0000	.0002	.0007	.0018	.0002	.1164	.0038	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0014	.0042	.0024	.0007	.0001	.0055	.0003	.0319	85.26
Stddev	.0002	.0001	.0002	.0009	.0006	.0000	.0007	.0054	.09
%RSD	11.74	1.676	10.20	129.3	606.7	.1672	223.0	16.76	.1104
#1	.0013	.0041	.0025	.0001	-.0004	.0055	-.0002	.0357	85.33
#2	.0015	.0042	.0022	.0013	.0006	.0055	.0008	.0282	85.19

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	57.93	33.28	61.34	61.17	.8464	.0007	.0002	8.440	-.0028
Stddev	.11	.02	.11	.12	.0007	.0001	.0009	.030	.0001
%RSD	.1914	.0703	.1819	.1951	.0810	15.50	438.4	.3590	4.193
#1	58.01	33.29	61.42	61.25	.8469	.0008	-.0004	8.462	-.0029
#2	57.85	33.26	61.26	61.08	.8459	.0007	.0008	8.419	-.0028

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.6588	-.0070	.0166	.0016
Stddev	.0024	.0003	.0004	.0001
%RSD	.3699	4.992	2.363	4.078
#1	.6605	-.0067	.0168	.0016
#2	.6571	-.0072	.0163	.0015

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	128280.	38782.	2650.3	7705.2
Stddev	283.	32.	7.7	23.0
%RSD	.22050	.08290	.29193	.29854
#1	128480.	38759.	2644.8	7688.9
#2	128080.	38804.	2655.7	7721.4

Zoom In Zoom Out

Sample Name: JA58768-3 Acquired: 11/2/2010 14:16:18 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0823	.0001	.0001	.0012	.0003	-.0004	.0141	.0023	.0004
Stddev	.0009	.0000	.0000	.0001	.0001	.0000	.0002	.0001	.0001
%RSD	1.109	8.951	15.97	9.871	22.47	10.71	1.070	3.358	15.90
#1	.0830	.0001	.0001	.0013	.0004	-.0004	.0142	.0023	.0004
#2	.0817	.0001	.0001	.0011	.0003	-.0004	.0140	.0024	.0004

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0003	.0067	.0014	.0008	.0037	.0021	.0006	.0737	2.063
Stddev	.0000	.0001	.0002	.0003	.0004	.0004	.0003	.0037	.039
%RSD	8.250	1.840	17.66	44.95	10.84	21.67	47.26	4.968	1.864
#1	.0003	.0066	.0012	.0010	.0034	.0024	.0004	.0763	2.090
#2	.0003	.0068	.0016	.0005	.0040	.0018	.0008	.0711	2.036

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1205	1.611	1.264	6.035	.0053	.0001	-.0004	3.663	-.0003
Stddev	.0027	.024	.016	.054	.0000	.0000	.0002	.025	.0000
%RSD	2.205	1.494	1.268	.9009	.5850	47.24	45.03	.6810	5.093
#1	.1224	1.628	1.275	6.073	.0053	.0001	-.0005	3.646	-.0003
#2	.1187	1.594	1.252	5.996	.0053	.0001	-.0003	3.681	-.0003

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0212	-.0034	.0014	.0000
Stddev	.0002	.0000	.0004	.0001
%RSD	.7325	.7001	27.82	120.9
#1	.0213	-.0034	.0017	.0001
#2	.0211	-.0034	.0011	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	134400.	39934.	2882.1	8658.1
Stddev	163.	560.	12.8	25.1
%RSD	.12142	1.4015	.44475	.28999
#1	134290.	39538.	2891.1	8675.9
#2	134520.	40329.	2873.0	8640.3

Zoom In Zoom Out

Sample Name: JA58771-11 Acquired: 11/2/2010 14:22:26 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0009	.0000	-.0001	-.0001	.0001	-.0002	.0000	.0001	.0002
Stddev	.0000	.000	.0000	.0001	.0002	.0002	.000	.0000	.0001
%RSD	2.120	33.42	39.32	86.90	183.1	91.97	2.797	20.69	35.85
#1	.0009	.0000	.0000	-.0001	.0000	-.0001	.0000	.0000	.0003
#2	.0009	-.0001	-.0001	.0000	.0002	-.0003	.0000	.0001	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.0017	.0000	-.0001	-.0004	.0000	.0003	.0036	.0173
Stddev	.0001	.0000	.000	.0000	.0001	.000	.0000	.0009	.0010
%RSD	328.8	.6124	160.5	3.536	23.48	1479.	7.474	25.02	5.947
#1	.0001	.0017	-.0001	-.0001	-.0005	.0002	.0003	.0029	.0166
#2	.0000	.0017	.0000	-.0001	-.0003	-.0002	.0003	.0042	.0180

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0025	-.0060	.0125	.0120	-.0001	.0000	-.0001	.0026	.0002
Stddev	.0007	.0008	.0046	.0005	.0001	.0001	.0007	.0003	.0000
%RSD	25.65	12.61	37.32	4.439	62.40	382.5	815.8	10.81	16.02
#1	.0021	-.0055	.0157	.0124	-.0002	.0000	.0004	.0028	.0003
#2	.0030	-.0065	.0092	.0117	-.0001	.0001	-.0006	.0024	.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0000	-.0030	-.0001
Stddev	.0000	.0001	.0002	.0000
%RSD	206.5	160.7	8.029	21.52
#1	.0000	.0001	-.0028	.0000
#2	.0000	.0000	-.0032	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	135320.	39861.	2876.7	8676.2
Stddev	100.	99.	1.8	5.4
%RSD	.07421	.24874	.06287	.06219
#1	135250.	39931.	2875.4	8680.0
#2	135390.	39791.	2877.9	8672.4

Zoom In Zoom Out

Sample Name: JA58900-5 Acquired: 11/2/2010 14:28:37 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0015	.0000	.0001	.0000	.0008	.0004	.0095	.0013	.0002
Stddev	.0000	.000	.0001	.0000	.0001	.0002	.0000	.0001	.0000
%RSD	.3671	6.333	69.90	155.2	15.06	62.47	.4837	9.341	2.335
#1	.0015	.0000	.0001	.0001	.0007	.0002	.0094	.0012	.0002
#2	.0015	.0000	.0000	.0000	.0009	.0006	.0095	.0014	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0098	.0000	-.0007	.0004	.0002	-.0004	.0425	.2401
Stddev	.0000	.0000	.0000	.0001	.0004	.0006	.0004	.0053	.0049
%RSD	22.15	.2014	286.1	17.65	113.4	283.1	89.48	12.37	2.057
#1	.0001	.0098	.0000	-.0008	.0001	.0006	-.0006	.0388	.2366
#2	.0001	.0098	.0000	-.0006	.0007	-.0002	-.0001	.0463	.2436

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1690	.0277	.0217	.0194	-.0001	.0000	.0001	.0373	.0000
Stddev	.0032	.0047	.0114	.0005	.0003	.0001	.0006	.0013	.0002
%RSD	1.895	16.85	52.77	2.699	447.0	278.0	493.3	3.412	659.1
#1	.1667	.0244	.0297	.0197	.0001	.0001	.0006	.0364	-.0001
#2	.1712	.0310	.0136	.0190	-.0003	.0000	-.0003	.0382	.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0004	.0001	-.0034	.0001
Stddev	.0000	.0001	.0004	.0000
%RSD	.5919	47.08	13.25	39.28
#1	.0004	.0002	-.0031	.0000
#2	.0004	.0001	-.0037	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	134200.	40049.	2855.4	8611.3
Stddev	49.	541.	6.9	22.0
%RSD	.03672	1.3498	.24080	.25577
#1	134230.	40431.	2860.2	8626.8
#2	134160.	39667.	2850.5	8595.7

Zoom In Zoom Out

Sample Name: JA58900-6 Acquired: 11/2/2010 14:34:48 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0007	-.0001	.0002	-.0002	-.0001	-.0002	.0002	.0002	.0002
Stddev	.0000	.0000	.0000	.0000	.0001	.0002	.0000	.0001	.0001
%RSD	5.827	19.32	21.78	17.66	123.9	107.3	3.831	51.31	77.76
#1	.0007	-.0001	.0001	-.0002	-.0001	.0000	.0002	.0003	.0002
#2	.0006	-.0001	.0002	-.0003	.0000	-.0003	.0002	.0002	.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0001	.0018	-.0003	-.0001	-.0005	.0003	-.0004	.0036	.0249
Stddev	.0001	.0001	.0003	.0008	.0001	.0011	.0001	.0003	.0013
%RSD	69.63	4.225	81.05	971.5	10.80	347.4	28.22	8.231	5.128
#1	.0002	.0018	-.0005	-.0006	-.0005	.0011	-.0003	.0034	.0240
#2	.0001	.0019	-.0001	.0005	-.0004	-.0005	-.0005	.0038	.0259

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0071	.0029	-.0041	.0180	-.0006	.0000	-.0002	.0047	.0007
Stddev	.0004	.0001	.0013	.0020	.0001	.000	.0003	.0001	.0003
%RSD	5.141	2.423	31.00	11.20	19.47	66.64	165.1	1.286	37.17
#1	.0073	.0029	-.0032	.0194	-.0005	.0000	.0000	.0046	.0009
#2	.0068	.0030	-.0050	.0166	-.0007	-.0001	-.0005	.0047	.0005

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0001	.0001	-.0038	-.0001
Stddev	.0000	.0002	.0002	.0000
%RSD	17.24	169.6	4.112	6.946
#1	.0001	.0000	-.0037	-.0001
#2	.0001	.0003	-.0039	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	135090.	40500.	2843.8	8583.5
Stddev	2165.	140.	45.8	131.5
%RSD	1.6023	.34562	1.6093	1.5314
#1	133560.	40599.	2876.1	8676.4
#2	136620.	40401.	2811.4	8490.5

Zoom In Zoom Out

Sample Name: JA59305-2 Acquired: 11/2/2010 14:40:59 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0553	.0000	.0001	-.0007	.0023	.0010	.1348	.0012	.0006
Stddev	.0009	.000	.0000	.0002	.0000	.0001	.0008	.0002	.0004
%RSD	1.546	26.08	40.38	30.50	.1921	11.95	.6001	12.51	63.96
#1	.0559	.0000	.0001	-.0008	.0023	.0011	.1342	.0013	.0008
#2	.0547	.0000	.0001	-.0005	.0023	.0009	.1354	.0011	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0021	.0021	.0110	-.0026	-.0006	.0021	-.0011	.0213	97.07
Stddev	.0002	.0002	.0000	.0014	.0002	.0009	.0005	.0032	1.39
%RSD	9.992	10.59	.3617	55.71	28.30	45.63	49.31	15.03	1.435
#1	.0022	.0020	.0110	-.0036	-.0007	.0027	-.0007	.0236	98.05
#2	.0019	.0023	.0111	-.0016	-.0005	.0014	-.0014	.0191	96.08

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	1.153	234.8	84.38	1204.	.9614	.0093	-.0037	7.167	-.0006
Stddev	.017	3.4	1.60	68.	.0014	.0000	.0006	.014	.0002
%RSD	1.502	1.447	1.897	5.674	.1407	.2649	17.06	.1994	36.56
#1	1.165	237.2	85.52	1252.	.9624	.0093	-.0032	7.177	-.0004
#2	1.140	232.4	83.25	1155.	.9605	.0093	-.0041	7.157	-.0008

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.581	-.0056	.0089	-.0001
Stddev	.026	.0001	.0007	.0000
%RSD	1.650	2.214	8.015	32.10
#1	1.600	-.0055	.0084	-.0001
#2	1.563	-.0057	.0094	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	107620.	35520.	2230.8	5990.2
Stddev	411.	493.	6.6	11.8
%RSD	.38172	1.3887	.29605	.19618
#1	107330.	35171.	2226.1	5981.9
#2	107920.	35868.	2235.5	5998.5

Zoom In Zoom Out

Sample Name: JA59326-2 Acquired: 11/2/2010 14:47:13 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0888	.0000	.0001	.0016	.0013	-.0008	.4341	.0025	.0003
Stddev	.0012	.000	.0001	.0001	.0001	.0002	.0028	.0003	.0001
%RSD	1.359	43.33	230.7	4.403	5.142	25.08	.6392	11.88	27.95
#1	.0896	.0000	.0000	.0015	.0012	-.0006	.4321	.0023	.0004
#2	.0879	.0000	.0002	.0016	.0013	-.0009	.4361	.0027	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0015	.0063	.0223	-.0004	-.0006	.0011	.0003	.0430	50.69
Stddev	.0000	.0037	.0005	.0006	.0000	.0005	.0005	.0014	1.00
%RSD	.1229	59.04	2.142	148.1	6.778	50.94	140.8	3.333	1.968
#1	.0015	.0037	.0227	.0000	-.0006	.0014	.0007	.0420	51.40
#2	.0015	.0089	.0220	-.0009	-.0006	.0007	.0000	.0440	49.99

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	28.92	8.297	13.65	122.2	.1385	.0034	-.0003	12.96	-.0014
Stddev	.51	.191	.12	1.6	.0007	.0001	.0005	.05	.0007
%RSD	1.778	2.301	.8859	1.269	.4780	2.961	148.7	.3746	46.94
#1	29.28	8.433	13.73	123.3	.1381	.0033	.0000	12.92	-.0010
#2	28.56	8.162	13.56	121.1	.1390	.0035	-.0006	12.99	-.0019

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2511	-.0099	.0121	.0004
Stddev	.0035	.0003	.0006	.0000
%RSD	1.406	2.858	5.042	3.850
#1	.2536	-.0097	.0125	.0004
#2	.2486	-.0101	.0117	.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	126510.	38563.	2704.0	7844.0
Stddev	661.	590.	8.4	22.8
%RSD	.52234	1.5298	.30952	.29003
#1	126970.	38146.	2709.9	7860.0
#2	126040.	38980.	2698.1	7827.9

Zoom In Zoom Out

Sample Name: JA59326-3 Acquired: 11/2/2010 14:53:27 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0443	.0000	.0003	-.0006	.0023	.0007	.0510	.0013	.0009
Stddev	.0008	.000	.0001	.0001	.0004	.0002	.0002	.0002	.0001
%RSD	1.718	67.53	39.85	21.16	15.43	23.58	.3122	15.34	12.83
#1	.0438	.0000	.0003	-.0005	.0021	.0006	.0509	.0015	.0009
#2	.0448	.0000	.0002	-.0007	.0026	.0009	.0512	.0012	.0010

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0036	.0090	.0009	-.0019	-.0014	.0020	-.0010	.0362	204.6
Stddev	.0002	.0003	.0006	.0006	.0008	.0009	.0006	.0019	1.0
%RSD	4.280	3.470	69.54	29.26	55.07	46.87	57.69	5.141	.4743
#1	.0037	.0088	.0005	-.0015	-.0019	.0026	-.0006	.0349	205.3
#2	.0035	.0093	.0013	-.0023	-.0008	.0013	-.0014	.0375	203.9

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.5987	661.9	239.9	1372.	2.566	.0175	-.0078	2.450	.0131
Stddev	.0083	5.8	2.9	47.	.030	.0001	.0008	.025	.0003
%RSD	1.388	.8747	1.205	3.426	1.161	.6882	10.61	1.010	2.069
#1	.5928	657.8	237.8	1406.	2.545	.0174	-.0084	2.432	.0133
#2	.6045	666.0	241.9	1339.	2.587	.0176	-.0073	2.467	.0129

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	3.938	-.0005	.0133	-.0003
Stddev	.014	.0004	.0002	.0000
%RSD	.3633	93.70	1.130	15.12
#1	3.928	-.0002	.0132	-.0003
#2	3.948	-.0008	.0134	-.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	92267.	32330.	1882.5	4783.3
Stddev	575.	287.	21.1	51.7
%RSD	.62354	.88776	1.1203	1.0805
#1	92673.	32533.	1897.5	4819.8
#2	91860.	32127.	1867.6	4746.7

Zoom In Zoom Out

Sample Name: JA59326-4 Acquired: 11/2/2010 14:59:52 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0912	.0000	.0005	.0019	.0019	.0018	.4311	.0028	.0004
Stddev	.0005	.000	.0001	.0000	.0001	.0001	.0006	.0000	.0001
%RSD	.5336	56.46	24.58	1.460	5.473	5.658	.1311	1.608	26.08
#1	.0909	.0000	.0004	.0019	.0018	.0017	.4315	.0028	.0004
#2	.0916	.0000	.0005	.0019	.0020	.0019	.4307	.0029	.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0021	.0132	.0236	-.0008	.0028	.0015	.0005	.2614	49.53
Stddev	.0000	.0001	.0010	.0004	.0002	.0011	.0006	.0019	.61
%RSD	.8862	.7181	4.062	54.58	8.215	78.96	115.3	.7151	1.232
#1	.0021	.0131	.0242	-.0005	.0026	.0006	.0010	.2601	49.10
#2	.0021	.0133	.0229	-.0011	.0029	.0023	.0001	.2628	49.96

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	28.81	8.152	13.70	115.8	.1424	.0036	-.0005	14.49	-.0026
Stddev	.28	.100	.09	2.5	.0005	.0002	.0000	.08	.0002
%RSD	.9829	1.232	.6422	2.193	.3776	6.694	7.005	.5755	8.734
#1	28.61	8.081	13.63	114.0	.1428	.0038	-.0005	14.55	-.0027
#2	29.01	8.223	13.76	117.6	.1420	.0035	-.0005	14.43	-.0024

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2472	-.0029	.0129	.0006
Stddev	.0012	.0002	.0006	.0000
%RSD	.4792	5.230	4.445	8.329
#1	.2463	-.0030	.0133	.0005
#2	.2480	-.0028	.0125	.0006

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	127700.	39210.	2676.8	7768.8
Stddev	335.	314.	7.6	14.3
%RSD	.26263	.80050	.28514	.18460
#1	127460.	39432.	2671.4	7758.7
#2	127940.	38988.	2682.2	7779.0

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 15:06:06 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.022	2.042	2.026	2.051	1.972	1.958	2.021	2.004	.2420
Stddev	.003	.003	.003	.002	.010	.007	.007	.003	.0007
%RSD	.1297	.1342	.1390	.1111	.4952	.3725	.3402	.1431	.3003
#1	2.023	2.043	2.024	2.049	1.965	1.953	2.016	2.006	.2415
#2	2.020	2.040	2.028	2.052	1.979	1.964	2.026	2.002	.2425
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.987	2.012	2.035	2.032	1.966	2.037	2.017	39.15	38.78
Stddev	.007	.002	.003	.006	.000	.007	.007	.01	.02
%RSD	.3581	.0795	.1557	.3144	.0034	.3308	.3590	.0280	.0592
#1	1.982	2.013	2.033	2.028	1.966	2.032	2.012	39.16	38.80
#2	1.992	2.011	2.037	2.037	1.966	2.042	2.022	39.14	38.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.35	38.73	39.85	37.60	2.034	2.051	1.956	5.180	2.057
Stddev	.02	.01	.18	.04	.007	.004	.009	.014	.002
%RSD	.0499	.0327	.4576	.0935	.3576	.1936	.4835	.2678	.0788
#1	39.36	38.73	39.98	37.62	2.029	2.048	1.949	5.171	2.056
#2	39.34	38.72	39.72	37.57	2.039	2.054	1.963	5.190	2.058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 15:06:06 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.012	1.960	1.967	1.985
Stddev	.010	.006	.009	.009
%RSD	.5172	.3308	.4464	.4704
#1	2.004	1.955	1.960	1.978
#2	2.019	1.964	1.973	1.992
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	129990.	39288.	2772.1	7864.0
Stddev	486.	65.	10.2	15.1
%RSD	.37368	.16502	.36846	.19179
#1	130340.	39242.	2779.4	7874.7
#2	129650.	39334.	2764.9	7853.4

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 15:12:11 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0004	.0001	.0001	.0002	.0001	.0004	.0003	.0004
Stddev	.0000	.0001	.0001	.0002	.0001	.0002	.0001	.0002	.0001
%RSD	1.590	24.92	139.9	234.1	34.40	210.3	22.50	68.87	21.71
#1	.0005	.0004	.0002	.0002	.0001	.0003	.0005	.0004	.0005
#2	.0005	.0005	.0000	.0000	.0002	-.0001	.0003	.0002	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0005	.0001	.0012	-.0003	-.0005	.0002	.0087	.0077
Stddev	.0000	.0001	.0004	.0003	.0005	.0006	.0005	.0018	.0019
%RSD	9.163	13.77	298.5	26.94	139.2	117.9	235.3	21.12	24.88
#1	.0005	.0005	-.0002	.0014	.0000	-.0001	-.0002	.0074	.0063
#2	.0005	.0004	.0005	.0009	-.0007	-.0010	.0006	.0100	.0090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093	.0175	.0748	.2666	.0006	.0007	.0001	-.0023	-.0002
Stddev	.0020	.0089	.0070	.0091	.0001	.0002	.0004	.0009	.0005
%RSD	20.90	50.55	9.319	3.413	20.36	25.18	493.3	38.47	319.2
#1	.0080	.0113	.0699	.2602	.0007	.0008	-.0002	-.0017	.0002
#2	.0107	.0238	.0798	.2730	.0005	.0006	.0004	-.0029	-.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 15:12:11 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0005	.0006	.0044	.0005
Stddev	.0001	.0001	.0007	.0002
%RSD	17.29	18.41	17.14	33.66
#1	.0005	.0007	.0049	.0006
#2	.0006	.0005	.0038	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	135910.	40450.	2880.9	8633.8
Stddev	507.	153.	5.2	5.4
%RSD	.37268	.37705	.17894	.06295
#1	136270.	40343.	2877.3	8630.0
#2	135550.	40558.	2884.5	8637.7

Zoom In Zoom Out

Sample Name: JA59327-1 Acquired: 11/2/2010 15:18:23 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.2289	.0000	.0001	-.0010	.0006	-.0001	.7038	.0011	.0001
Stddev	.0328	.000	.0001	.0002	.0002	.0006	.0011'	.0003	.0002
%RSD	14.33	37.69	102.4	17.96	30.85	780.4	.1545	23.94	195.1
#1	.2521	.0000	.0000	-.0009	.0005	.0003	.7030	.0009	.0000
#2	.2057	.0000	.0001	-.0011	.0007	-.0005	.7046	.0013	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0013	.0156	.0013	-.0009	.0064	.0006	.0005	.1040	142.3
Stddev	.0003	.0002	.0001	.0013	.0024	.0010	.0005	.0770	20.6
%RSD	20.98	1.466	8.899	145.4	37.07	180.6	102.5	74.07	14.46
#1	.0011	.0157	.0014	-.0018	.0080	-.0002	.0009	.1584	156.9
#2	.0015	.0154	.0013	.0000	.0047	.0013	.0001	.0495	127.8

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	8.950	13.05	7.844	56.99	.1002	.0001	-.0048	19.97	.0004
Stddev	1.274	1.92	.920	8.01	.0001	.0000	.0027	.05	.0024
%RSD	14.24	14.68	11.73	14.05	.0857	5.573	56.42	.2577	582.3
#1	9.851	14.41	8.495	62.65	.1003	.0001	-.0067	20.00	.0021
#2	8.049	11.70	7.194	51.33	.1001	.0001	-.0029	19.93	-.0013

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.4709	-.0059	.0136	.0002
Stddev	.0692	.0135	.0157	.0003
%RSD	14.68	230.3	115.7	168.3
#1	.5198	.0037	.0025	.0000
#2	.4220	-.0154	.0246	.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	127300.	*****	2664.8	7833.0
Stddev	12.	-----	11.2	17.4
%RSD	.00929	-----	.42128	.22180
#1	127310.	-----	2656.9	7820.7
#2	127290.	39174.	2672.7	7845.2

Zoom In Zoom Out

Sample Name: JA59366-1 Acquired: 11/2/2010 15:24:35 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0304	.0000	.0000	.0000	.0010	.0021	.0128	.0017	.0002
Stddev	.0006	.000	.0001	.0001	.0000	.0000	.0001	.0001	.0001
%RSD	2.125	2.970	460.2	2495.	1.167	.6967	1.063	8.474	40.88
#1	.0300	.0000	.0001	.0001	.0010	.0021	.0127	.0018	.0001
#2	.0309	.0000	.0000	-.0001	.0010	.0021	.0129	.0016	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0007	.0403	.0012	-.0004	.0003	.0018	.0008	.0580	4.768
Stddev	.0001	.0001	.0001	.0002	.0006	.0006	.0003	.0035	.149
%RSD	8.246	.1991	10.12	44.19	221.9	36.64	42.94	5.952	3.123
#1	.0008	.0404	.0011	-.0003	.0007	.0013	.0005	.0556	4.663
#2	.0007	.0403	.0013	-.0005	-.0002	.0022	.0010	.0605	4.873

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.1058	1.290	1.982	2.282	.0110	.0008	-.0001	.2820	.0002
Stddev	.0039	.044	.046	.043	.0000	.0002	.0006	.0000	.0000
%RSD	3.684	3.443	2.334	1.895	.2450	19.58	420.3	.0163	18.61
#1	.1030	1.258	1.949	2.252	.0111	.0009	.0003	.2820	.0002
#2	.1085	1.321	2.014	2.313	.0110	.0007	-.0006	.2821	.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0132	.0006	-.0004	.0004
Stddev	.0004	.0000	.0001	.0001
%RSD	2.652	1.250	16.50	16.45
#1	.0130	.0006	-.0004	.0004
#2	.0134	.0006	-.0005	.0003

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	133140.	40366.	2853.0	8584.8
Stddev	410.	915.	2.5	6.0
%RSD	.30823	2.2668	.08864	.07025
#1	133430.	41013.	2854.8	8589.0
#2	132850.	39719.	2851.2	8580.5

Zoom In Zoom Out

Sample Name: JA59373-9 Acquired: 11/2/2010 15:30:43 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.9528	.0008	.0039	.0245	.0474	1.965	1.313	.0611	.0017
Stddev	.0280	.0000	.0000	.0004	.0010	.040	.026	.0010	.0001
%RSD	2.937	1.967	.2265	1.644	2.186	2.019	1.976	1.609	7.500
#1	.9330	.0008	.0039	.0248	.0467	1.937	1.295	.0618	.0016
#2	.9726	.0008	.0038	.0243	.0481	1.993	1.332	.0604	.0017

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0541	1.913	.0476	.0019	4.327	.0114	.0134	18.53	71.94
Stddev	.0011	.028	.0005	.0009	.061	.0003	.0017	.55	1.74
%RSD	1.990	1.456	1.081	46.38	1.420	2.418	12.94	2.987	2.424
#1	.0533	1.933	.0479	.0013	4.370	.0112	.0146	18.14	70.71
#2	.0548	1.893	.0472	.0025	4.283	.0116	.0121	18.92	73.18

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	103.3	14.74	12.64	71.36	.1974	.0080	.0016	43.80	.1396
Stddev	2.7	.38	.37	2.15	.0018	.0001	.0007	.50	.0024
%RSD	2.597	2.568	2.956	3.006	.9251	1.806	41.31	1.150	1.718
#1	101.4	14.47	12.38	69.84	.1987	.0081	.0012	44.15	.1413
#2	105.2	15.01	12.91	72.88	.1961	.0079	.0021	43.44	.1379

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.5528	.4307	.0589	.0040
Stddev	.0156	.0107	.0006	.0001
%RSD	2.828	2.493	1.094	3.652
#1	.5417	.4231	.0593	.0039
#2	.5638	.4383	.0584	.0041

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	128430.	39062.	2676.8	7718.7
Stddev	2145.	817.	17.5	62.1
%RSD	1.6702	2.0906	.65198	.80490
#1	129950.	39640.	2664.5	7674.7
#2	126910.	38485.	2689.2	7762.6

Zoom In Zoom Out

Sample Name: JA59373-16 Acquired: 11/2/2010 15:36:45 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0000	.0000	-.0002	.0005	.0000	.0000	.0002	.0003
Stddev	.0000	.000	.0000	.0001	.0000	.0001	.0000	.0002	.0000
%RSD	2.800	24.10	350.5	30.65	.0414	285.6	40.00	107.3	14.50
#1	.0001	.0000	.0000	-.0003	.0005	.0000	.0000	.0000	.0003
#2	.0001	.0000	.0000	-.0002	.0005	.0001	.0000	.0003	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	.0019	.0002	-.0007	-.0007	-.0002	.0000	.0027	.0104
Stddev	.0001	.0001	.0003	.0005	.0002	.0004	.0001	.0001	.0020
%RSD	31.61	4.472	172.6	72.94	29.07	217.1	232.3	4.690	19.18
#1	.0001	.0020	.0000	-.0010	-.0005	.0001	.0001	.0027	.0118
#2	.0002	.0019	.0004	-.0003	-.0008	-.0005	.0000	.0026	.0090

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0037	.0023	.0088	.0809	-.0003	-.0001	.0000	.0127	.0001
Stddev	.0013	.0072	.0037	.0006	.0002	.0001	.0003	.0008	.0001
%RSD	34.15	318.8	41.75	.7723	76.20	174.5	1336.	6.251	41.15
#1	.0046	-.0028	.0062	.0805	-.0001	.0000	-.0002	.0133	.0001
#2	.0028	.0074	.0114	.0814	-.0004	-.0001	.0002	.0122	.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0001	-.0038	.0000
Stddev	.0000	.0003	.0000	.000
%RSD	719.2	232.7	1.174	45.02
#1	.0000	.0003	-.0037	.0000
#2	.0000	-.0001	-.0038	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	134930.	40073.	2852.0	8622.3
Stddev	110.	219.	5.1	24.9
%RSD	.08148	.54552	.17968	.28937
#1	135010.	40228.	2855.7	8639.9
#2	134850.	39919.	2848.4	8604.6

Zoom In Zoom Out

Sample Name: JA59373-33A Acquired: 11/2/2010 15:42:55 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	-.0001	.0001	-.0003	.0006	.0005	.0000	.0002	.0002
Stddev	.0000	.0000	.0000	.0001	.0000	.0001	.0000	.0000	.0001
%RSD	37.51	23.13	.7864	25.11	1.361	22.73	1033.	6.329	73.46
#1	.0000	.0000	.0001	-.0003	.0006	.0005	.0000	.0002	.0002
#2	.0000	-.0001	.0001	-.0002	.0006	.0004	.0000	.0002	.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.0016	-.0003	-.0003	-.0004	.0000	-.0003	.0033	.0165
Stddev	.0001	.0000	.0002	.0001	.0006	.0002	.0005	.0003	.0014
%RSD	326.6	.7597	54.55	18.58	156.3	576.5	148.0	8.369	8.669
#1	.0001	.0016	-.0004	-.0003	.0000	-.0001	-.0007	.0031	.0175
#2	-.0001	.0016	-.0002	-.0004	-.0008	.0001	.0000	.0035	.0155

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0058	-.0008	.0137	.0697	-.0001	.0000	-.0001	.0091	.0002
Stddev	.0004	.0002	.0098	.0015	.0000	.0001	.0003	.0007	.0000
%RSD	7.511	29.15	71.85	2.186	58.68	260.7	470.8	7.484	1.568
#1	.0055	-.0010	.0067	.0708	-.0001	.0000	-.0003	.0086	.0002
#2	.0061	-.0006	.0206	.0687	.0000	.0001	.0002	.0095	.0002

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0001	-.0041	-.0001
Stddev	.0000	.0001	.0003	.0000
%RSD	148.9	110.1	7.514	36.52
#1	.0000	.0001	-.0039	-.0001
#2	.0000	.0000	-.0043	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	133460.	39549.	2841.7	8596.4
Stddev	900.	810.	4.5	10.0
%RSD	.67442	2.0480	.15874	.11685
#1	132830.	38977.	2844.9	8603.5
#2	134100.	40122.	2838.5	8589.3

Zoom In Zoom Out

Sample Name: JA59377-1 Acquired: 11/2/2010 15:49:06 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.5973	.0000	.0004	.0010	.0091	-.0020	.4657	.0241	.0003
Stddev	.0016	.0000	.0001	.0001	.0000	.0001	.0061	.0003	.0000
%RSD	.2628	29.33	23.82	10.60	.4550	7.212	1.307	1.162	6.625
#1	.5962	.0000	.0003	.0009	.0091	-.0019	.4614	.0239	.0003
#2	.5984	.0000	.0005	.0011	.0090	-.0021	.4700	.0243	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0018	.0040	.0004	-.0012	-.0009	.0051	-.0003	-.0329	107.4
Stddev	.0002	.0000	.0003	.0004	.0003	.0003	.0010	.0021	.3
%RSD	9.062	.9588	86.15	36.81	34.71	6.235	295.8	6.396	.2783
#1	.0017	.0040	.0006	-.0009	-.0007	.0049	-.0010	-.0343	107.6
#2	.0019	.0040	.0002	-.0015	-.0012	.0053	.0004	-.0314	107.2

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	48.19	39.09	63.16	362.3	1.737	.0009	-.0016	25.11	-.0046
Stddev	.06	.04	.04	4.9	.001	.0001	.0002	.01	.0000
%RSD	.1257	.0938	.0555	1.349	.0329	7.415	12.84	.0505	.8752
#1	48.15	39.06	63.14	358.8	1.737	.0009	-.0014	25.10	-.0046
#2	48.24	39.12	63.19	365.7	1.738	.0008	-.0017	25.12	-.0046

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.119	-.0207	.0294	.0017
Stddev	.003	.0002	.0001	.0000
%RSD	.2995	1.071	.3978	1.272
#1	1.117	-.0206	.0293	.0017
#2	1.122	-.0209	.0295	.0017

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	121000.	37917.	2494.0	7035.1
Stddev	1664.	18.	2.3	2.4
%RSD	1.3754	.04773	.09098	.03423
#1	122180.	37930.	2492.4	7036.8
#2	119820.	37904.	2495.6	7033.4

Zoom In / Zoom Out

Sample Name: JA59377-1F Acquired: 11/2/2010 15:55:21 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.3141	.0000	.0003	.0007	.0066	-.0017	.4414	.0232	.0004
Stddev	.0014	.000	.0001	.0001	.0001	.0001	.0010	.0001	.0001
%RSD	.4350	41.31	29.95	21.09	.9610	5.519	.2208	.5562	37.18
#1	.3132	.0000	.0002	.0006	.0065	-.0018	.4407	.0232	.0005
#2	.3151	.0000	.0003	.0008	.0066	-.0017	.4421	.0233	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0009	.0037	-.0003	-.0019	-.0013	.0017	-.0003	-.0257	101.5
Stddev	.0001	.0002	.0004	.0011	.0002	.0012	.0003	.0019	.3
%RSD	9.517	5.912	114.1	57.38	12.27	68.36	96.40	7.573	.3058
#1	.0009	.0035	-.0006	-.0026	-.0014	.0026	-.0005	-.0271	101.7
#2	.0010	.0038	-.0001	-.0011	-.0012	.0009	-.0001	-.0243	101.3

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	15.10	37.91	60.34	345.1	1.665	.0008	-.0028	22.12	-.0038
Stddev	.13	.30	.28	2.3	.002	.0000	.0006	.04	.0004
%RSD	.8369	.7888	.4701	.6601	.1110	4.499	19.77	.1951	10.75
#1	15.01	37.70	60.14	346.7	1.664	.0009	-.0024	22.09	-.0041
#2	15.19	38.12	60.54	343.4	1.667	.0008	-.0032	22.16	-.0035

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	1.024	-.0206	.0231	.0009
Stddev	.005	.0002	.0003	.0001
%RSD	.4695	.8785	1.401	12.63
#1	1.021	-.0205	.0229	.0009
#2	1.027	-.0207	.0233	.0008

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	121540.	38138.	2516.2	7127.5
Stddev	81.	217.	3.8	7.4
%RSD	.06674	.56819	.15026	.10336
#1	121480.	38291.	2513.5	7122.3
#2	121600.	37984.	2518.9	7132.7

Zoom In / Zoom Out

Sample Name: JA59397-1 Acquired: 11/2/2010 16:01:36 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.1101	.0000	.0000	.0009	.0001	-.0003	.8169	.0016	.0002
Stddev	.0005	.000	.000	.0001	.0001	.0003	.0362	.0001	.0003
%RSD	.4841	35.40	40.85	8.614	80.58	88.68	4.433	6.048	135.3
#1	.1097	.0000	.0000	.0009	.0001	-.0001	.8425	.0015	.0004
#2	.1105	.0000	.0000	.0010	.0002	-.0005	.7913	.0016	.0000

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0004	.0031	.0134	-.0010	-.0005	.0005	.0001	.0172	54.69
Stddev	.0001	.0001	.0003	.0001	.0000	.0014	.0007	.0013	.25
%RSD	15.04	3.681	2.593	6.572	7.004	299.0	605.1	7.667	.4635
#1	.0004	.0030	.0131	-.0011	-.0005	-.0005	.0006	.0181	54.87
#2	.0004	.0031	.0136	-.0010	-.0006	.0015	-.0004	.0162	54.51

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	14.79	10.93	2.665	22.94	.3776	.0009	-.0008	7.701	-.0026
Stddev	.01	.06	.011	.09	.0005	.0000	.0001	.039	.0008
%RSD	.0781	.5319	.3942	.3750	.1301	3.834	16.17	.5090	29.74
#1	14.80	10.98	2.673	22.88	.3773	.0010	-.0009	7.674	-.0032
#2	14.79	10.89	2.658	23.00	.3780	.0009	-.0007	7.729	-.0021

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.2117	-.0064	.0051	.0004
Stddev	.0007	.0001	.0005	.0001
%RSD	.3296	1.734	9.052	37.62
#1	.2112	-.0063	.0055	.0003
#2	.2122	-.0065	.0048	.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	127480.	39516.	2732.0	8141.3
Stddev	4636.	129.	8.9	18.8
%RSD	3.6363	.32710	.32696	.23106
#1	124200.	39424.	2738.3	8154.6
#2	130760.	39607.	2725.7	8128.0

Zoom In / Zoom Out

Sample Name: JA59397-2 Acquired: 11/2/2010 16:07:44 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0988	.0000	.0001	-.0002	.0004	-.0011	.4329	.0018	.0005
Stddev	.0009	.000	.0000	.0001	.0000	.0000	.0034	.0000	.0000
%RSD	.9136	21.98	15.87	82.33	3.854	3.594	.7840	1.684	7.024
#1	.0982	.0000	.0001	-.0002	.0004	-.0011	.4305	.0018	.0005
#2	.0995	.0000	.0001	-.0001	.0004	-.0011	.4353	.0018	.0005

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0004	.0035	.0103	-.0010	-.0010	.0008	.0003	.0182	83.68
Stddev	.0001	.0001	.0003	.0007	.0003	.0010	.0006	.0029	.20
%RSD	14.50	1.538	3.066	67.81	28.97	121.2	227.2	16.00	.2334
#1	.0003	.0034	.0101	-.0015	-.0012	.0016	.0007	.0162	83.55
#2	.0004	.0035	.0105	-.0005	-.0008	.0001	-.0002	.0203	83.82

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	15.50	9.219	1.644	74.26	.0647	.0002	-.0012	13.03	-.0030
Stddev	.08	.041	.018	.72	.0005	.0001	.0003	.05	.0008
%RSD	.5351	.4447	1.123	.9675	.7418	30.85	27.35	.4148	26.62
#1	15.45	9.190	1.631	73.75	.0650	.0003	-.0015	13.06	-.0024
#2	15.56	9.248	1.657	74.77	.0644	.0002	-.0010	12.99	-.0036

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.1764	-.0109	.0102	.0001
Stddev	.0019	.0001	.0000	.0000
%RSD	1.053	.6176	.3568	22.12
#1	.1751	-.0109	.0102	.0001
#2	.1777	-.0110	.0103	.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	129160.	38668.	2667.9	7853.8
Stddev	1417.	64.	4.2	14.2
%RSD	1.0971	.16536	.15812	.18035
#1	130160.	38713.	2664.9	7843.8
#2	128160.	38622.	2670.9	7863.9

Zoom In / Zoom Out

Sample Name: CCV Acquired: 11/2/2010 16:13:54 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.041	2.044	2.041	2.067	1.961	1.960	2.003	2.019	.2405
Stddev	.004	.003	.003	.004	.000	.003	.002	.002	.0004
%RSD	.2088	.1383	.1607	.2059	.0015	.1324	.0960	.1078	.1785
#1	2.038	2.042	2.039	2.064	1.961	1.958	2.004	2.017	.2402
#2	2.044	2.046	2.043	2.070	1.961	1.962	2.002	2.020	.2408
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.968	2.024	2.054	2.050	1.973	2.051	2.031	39.21	38.69
Stddev	.000	.001	.006	.003	.001	.006	.004	.11	.07
%RSD	.0144	.0276	.2953	.1508	.0524	.2744	.1937	.2842	.1938
#1	1.968	2.024	2.050	2.048	1.972	2.047	2.029	39.13	38.64
#2	1.967	2.024	2.058	2.052	1.973	2.055	2.034	39.29	38.74
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.37	38.65	40.14	39.72	2.046	2.068	1.956	5.229	2.076
Stddev	.08	.05	.02	.13	.006	.005	.001	.014	.000
%RSD	.1959	.1179	.0402	.3251	.2973	.2463	.0617	.2641	.0168
#1	39.32	38.62	40.13	39.62	2.041	2.065	1.955	5.219	2.076
#2	39.42	38.68	40.16	39.81	2.050	2.072	1.957	5.239	2.076
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 16:13:54 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.032	1.945	1.983	1.982
Stddev	.005	.001	.012	.001
%RSD	.2545	.0532	.6209	.0568
#1	2.029	1.946	1.975	1.981
#2	2.036	1.945	1.992	1.983
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	130150.	39006.	2754.8	7826.6
Stddev	143.	28.	6.5	9.0
%RSD	.10978	.07209	.23616	.11466
#1	130250.	39026.	2759.4	7832.9
#2	130050.	38986.	2750.2	7820.2

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 16:19:58 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0003	.0002	.0000	.0003	.0001	.0004	.0005	.0003
Stddev	.0000	.0001	.0001	.0001	.0000	.0001	.0000	.0001	.0000
%RSD	13.30	31.25	46.15	237.6	15.63	167.9	8.966	24.76	11.96
#1	.0003	.0002	.0003	.0001	.0003	.0002	.0004	.0005	.0003
#2	.0004	.0003	.0001	.0000	.0003	.0000	.0004	.0004	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0006	.0007	.0012	-.0002	-.0005	-.0004	.0065	.0043
Stddev	.0001	.0001	.0004	.0003	.0003	.0004	.0000	.0022	.0022
%RSD	31.68	11.27	63.20	28.04	131.8	85.74	13.78	34.04	51.46
#1	.0005	.0005	.0004	.0014	.0000	-.0002	-.0003	.0049	.0028
#2	.0003	.0006	.0010	.0010	-.0005	-.0008	-.0004	.0080	.0059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067	.0042	.0445	.0806	.0008	.0007	.0002	-.0012	.0002
Stddev	.0023	.0032	.0105	.0010	.0002	.0001	.0000	.0009	.0001
%RSD	33.69	75.90	23.56	1.221	27.55	20.82	3.276	71.59	56.11
#1	.0051	.0064	.0371	.0799	.0009	.0008	.0002	-.0006	.0003
#2	.0083	.0019	.0520	.0812	.0006	.0006	.0002	-.0018	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 11/2/2010 16:19:58 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0003	.0007	.0037	.0005
Stddev	.0001	.0001	.0010	.0000
%RSD	25.03	19.45	28.20	2.070
#1	.0003	.0006	.0044	.0004
#2	.0004	.0008	.0029	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	135020.	39699.	2870.2	8619.1
Stddev	338.	105.	2.2	2.1
%RSD	.25036	.26459	.07638	.02453
#1	134780.	39625.	2868.6	8617.6
#2	135260.	39773.	2871.7	8620.6

Zoom In Zoom Out

Sample Name: ICSA Acquired: 11/2/2010 16:26:12 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0039	.0000	.0011	.0013	.0011	.0017	.0010	-.0010	.0025
Stddev	.0001	.0000	.0001	.0002	.0003	.0008	.0002	.0003	.0004
%RSD	2.459	70.91	7.687	13.23	29.42	48.34	15.90	35.87	14.29
#1	-.0038	.0000	.0010	.0011	.0013	.0011	.0009	-.0012	.0022
#2	-.0039	.0000	.0012	.0014	.0008	.0023	.0011	-.0007	.0027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0007	.0010	-.0028	.0007	-.0020	-.0004	516.6	384.2
Stddev	.0002	.0002	.0002	.0005	.0014	.0005	.0005	1.6	1.1
%RSD	13.94	25.35	21.59	17.65	203.9	26.98	132.4	.3189	.2748
#1	.0016	.0006	.0008	-.0032	.0017	-.0016	.0000	517.8	384.9
#2	.0013	.0008	.0011	-.0025	-.0003	-.0024	-.0008	515.4	383.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	188.4	536.4	.0752	.5643	-.0010	.0026	-.0138	-.0090	-.0067
Stddev	.0	.4	.0206	.0002	.0005	.0001	.0037	.0014	.0002
%RSD	.0089	.0752	27.35	.0434	46.67	5.790	26.62	15.53	3.362
#1	188.4	536.7	.0606	.5641	-.0007	.0025	-.0164	-.0080	-.0068
#2	188.4	536.1	.0897	.5645	-.0014	.0027	-.0112	-.0099	-.0065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 11/2/2010 16:26:12 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0010	.0043	.0369	.0010
Stddev	.0000	.0000	.0003	.0002
%RSD	.9851	.9382	.8602	18.54
#1	.0010	.0043	.0367	.0008
#2	.0010	.0043	.0372	.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	120930.	36959.	2486.5	6547.1
Stddev	3096.	127.	.8	8.7
%RSD	2.5601	.34252	.03182	.13286
#1	118740.	36869.	2485.9	6553.3
#2	123120.	37048.	2487.1	6541.0

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 11/2/2010 16:32:30 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5471	.5226	1.125	.4969	.5035	.5454	.5068	1.028	1.123
Stddev	.0017	.0007	.002	.0018	.0007	.0013	.0006	.000	.001
%RSD	.3092	.1334	.1533	.3664	.1308	.2344	.1182	.0325	.0625
#1	.5459	.5221	1.126	.4982	.5030	.5464	.5064	1.029	1.122
#2	.5483	.5230	1.124	.4956	.5040	.5445	.5072	1.028	1.123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4719	.9468	1.120	1.039	1.013	1.076	1.121	526.7	387.6
Stddev	.0016	.0021	.003	.002	.001	.002	.003	6.6	.9
%RSD	.3288	.2198	.2339	.2332	.1256	.2086	.2666	1.257	.2419
#1	.4708	.9483	1.122	1.041	1.014	1.077	1.123	522.0	386.9
#2	.4730	.9453	1.118	1.038	1.012	1.074	1.119	531.4	388.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	190.8	537.0	.0553	.5701	-.0024	.5295	.5566	-.0078	-.0082
Stddev	.6	1.0	.0068	.0060	.0003	.0009	.0028	.0003	.0008
%RSD	.3278	.1923	12.31	1.059	11.71	.1613	.5077	3.760	10.32
#1	190.3	536.2	.0601	.5659	-.0022	.5301	.5546	-.0080	-.0087
#2	191.2	537.7	.0505	.5744	-.0026	.5289	.5586	-.0076	-.0076
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 11/2/2010 16:32:30 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0010	.0040	.5512	.5182
Stddev	.0000	.0001	.0036	.0010
%RSD	2.576	2.520	.6616	.1917
#1	.0010	.0039	.5538	.5175
#2	.0010	.0040	.5486	.5189
Check ?	None	None	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	118720.	36750.	2481.5	6511.4
Stddev	48.	59.	5.3	5.9
%RSD	.04018	.16007	.21201	.08995
#1	118690.	36792.	2477.8	6507.3
#2	118760.	36709.	2485.2	6515.6

Zoom In Zoom Out

Sample Name: JA59720-1QCONF Acquired: 11/2/2010 16:38:44 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	-.0002	-.0003	.0001	-.0007	-.0034	-.0001	-.0519	.0003
Stddev	.0000	.0000	.0003	.0001	.0000	.0001	.0000	.0720	.0001
%RSD	36.91	1.626	87.87	88.14	.9365	4.279	.9489	138.8	22.99
#1	.0000	-.0002	-.0005	.0001	-.0007	-.0033	-.0001	-.0010	.0002
#2	.0001	-.0002	-.0001	.0000	-.0006	-.0035	-.0001	-.1028	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	-.0002	.0075	.0014	-.0015	.0089	-.0029	.0009	.0009	-.0012
Stddev	.0001	.0087	.0001	.0055	.0111	.0008	.0003	.0031	.0008
%RSD	41.88	115.2	3.710	358.5	124.5	28.90	27.82	353.2	65.02
#1	-.0001	.0014	.0014	.0024	.0011	-.0035	.0011	.0031	-.0007
#2	-.0002	.0137	.0015	-.0054	.0168	-.0023	.0007	-.0013	-.0018

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0003	.0072	-.0552	-.0141	-.0006	-.0002	.0007	-.0020	.0029
Stddev	.0007	.0086	.0022	.0003	.0007	.0003	.0000	.0095	.0052
%RSD	249.0	120.1	4.050	1.848	108.1	148.2	3.781	467.5	181.1
#1	-.0002	.0133	-.0568	-.0139	-.0011	-.0004	.0007	-.0087	-.0008
#2	.0008	.0011	-.0536	-.0142	-.0001	.0000	.0007	.0047	.0066

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0002	-.0088	.0001
Stddev	.000	.0001	.0018	.0000
%RSD	32300.	44.69	20.19	22.92
#1	.0000	.0002	-.0101	.0001
#2	.0000	.0001	-.0076	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	408330.	67141.	8013.7	*****
Stddev	1044.	376.	5448.9	-----
%RSD	.25578	.56068	67.995	-----
#1	407590.	67407.	11867.	29612.
#2	409070.	66875.	4160.8	-----

Zoom In Zoom Out

Sample Name: SAMPLECONF Acquired: 11/2/2010 16:46:18 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0006	.0000	-.0002	.0001	-.0004	.0007	.0004	.0004	.0003
Stddev	.0000	.000	.0001	.0001	.0001	.0003	.0001	.0000	.0000
%RSD	1.535	.2123	36.11	138.8	14.99	40.23	13.27	6.751	.1819
#1	.0006	.0000	-.0002	.0000	-.0004	.0009	.0004	.0004	.0003
#2	.0006	.0000	-.0001	.0002	-.0003	.0005	.0003	.0004	.0003

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.0067	.0010	.0027	.0002	-.0022	-.0004	.0467	.2059
Stddev	.0002	.0003	.0001	.0005	.0001	.0001	.0004	.0024	.0045
%RSD	746.7	4.390	11.38	18.31	24.95	2.706	93.38	5.063	2.168
#1	.0001	.0069	.0011	.0023	.0003	-.0022	-.0001	.0484	.2091
#2	-.0001	.0065	.0009	.0030	.0002	-.0022	-.0007	.0451	.2028

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0261	.0482	.0298	.1075	.0003	-.0003	-.0002	.0031	.0104
Stddev	.0027	.0018	.0082	.0005	.0002	.0000	.0003	.0011	.0001
%RSD	10.43	3.757	27.43	.4954	50.91	15.52	207.3	36.77	.9882
#1	.0280	.0469	.0355	.1072	.0004	-.0002	.0001	.0023	.0103
#2	.0242	.0495	.0240	.1079	.0002	-.0003	-.0004	.0039	.0104

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0005	.0002	-.0082	-.0002
Stddev	.0000	.0000	.0002	.0001
%RSD	3.866	21.00	2.933	30.11
#1	.0005	.0002	-.0084	-.0002
#2	.0006	.0003	-.0080	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	136240.	39959.	2904.9	8746.9
Stddev	391.	189.	5.5	8.6
%RSD	.28695	.47210	.18793	.09806
#1	136520.	40093.	2901.1	8740.8
#2	135960.	39826.	2908.8	8753.0

Zoom In Zoom Out

Sample Name: JA59720-1Q Acquired: 11/2/2010 16:53:01 Type: Unk
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0000	-.0001	-.0001	.0000	-.0001	-.0004	-.0001	.0000	.0003
Stddev	.000	.0000	.0000	.000	.0003	.0002	.0000	.000	.0001
%RSD	108.3	3.569	33.48	2298.	195.0	60.72	.8657	547.6	21.64
#1	.0000	-.0001	-.0001	.0001	-.0004	-.0002	-.0001	-.0001	.0003
#2	.0000	-.0001	-.0001	-.0001	.0001	-.0005	-.0001	.0001	.0002

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0000	.0004	.0004	.0002	-.0004	-.0011	-.0002	.0001	-.0062
Stddev	.0001	.0001	.0003	.0005	.0002	.0002	.0003	.0012	.0005
%RSD	494.4	21.32	68.71	334.1	61.04	19.82	111.5	1132.	8.244
#1	.0000	.0003	.0007	.0005	-.0006	-.0012	-.0001	.0009	-.0066
#2	.0001	.0005	.0002	-.0002	-.0002	-.0009	-.0004	-.0007	-.0059

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	.0014	.0024	.0033	.0411	-.0005	-.0001	.0001	.0014	.0002
Stddev	.0000	.0087	.0001	.0028	.0000	.0001	.0007	.0003	.0004
%RSD	1.973	367.3	4.345	6.728	1.483	77.65	1119.	22.78	180.7
#1	.0014	.0085	.0034	.0392	-.0005	-.0002	.0005	.0016	.0006
#2	.0014	-.0038	.0032	.0431	-.0005	.0000	-.0004	.0012	-.0001

Elem	Sr4077	Ti3349	W_2079	Zr3391
Avg	.0000	.0000	-.0044	.0001
Stddev	.000	.0001	.0000	.0000
%RSD	31.84	886.3	.9670	65.63
#1	.0000	.0000	-.0043	.0001
#2	.0000	.0000	-.0044	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	133530.	39344.	2857.9	8593.7
Stddev	272.	137.	.9	1.0
%RSD	.20397	.34763	.03122	.01123
#1	133340.	39441.	2857.2	8593.0
#2	133720.	39248.	2858.5	8594.4

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 16:59:13 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.041	2.046	2.045	2.071	1.965	1.952	2.010	2.025	.2404
Stddev	.002	.005	.002	.002	.015	.010	.011	.002	.0014
%RSD	.1129	.2687	.1124	.0797	.7705	.5065	.5499	.0945	.5931
#1	2.043	2.042	2.044	2.070	1.976	1.959	2.018	2.026	.2414
#2	2.040	2.050	2.047	2.072	1.955	1.945	2.002	2.024	.2394
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.975	2.027	2.059	2.055	1.981	2.058	2.035	39.27	38.71
Stddev	.011	.003	.004	.002	.002	.006	.006	.04	.27
%RSD	.5628	.1545	.2028	.1120	.1040	.3026	.2974	.1006	.6976
#1	1.982	2.030	2.056	2.056	1.982	2.053	2.030	39.24	38.52
#2	1.967	2.025	2.062	2.053	1.979	2.062	2.039	39.30	38.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.38	38.66	40.14	39.98	2.052	2.073	1.949	5.245	2.075
Stddev	.17	.26	.08	.06	.004	.002	.013	.013	.001
%RSD	.4271	.6723	.2101	.1395	.1899	.0807	.6639	.2473	.0413
#1	39.26	38.47	40.20	40.02	2.049	2.072	1.958	5.236	2.076
#2	39.50	38.84	40.08	39.94	2.055	2.074	1.940	5.254	2.075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 11/2/2010 16:59:13 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	2.004	1.949	1.995	1.983
Stddev	.016	.010	.007	.012
%RSD	.7998	.5192	.3392	.6135
#1	1.993	1.956	1.991	1.992
#2	2.015	1.942	2.000	1.975
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	130250.	38832.	2747.4	7800.3
Stddev	653.	113.	7.3	4.8
%RSD	.50109	.29159	.26740	.06120
#1	129790.	38912.	2752.5	7803.6
#2	130710.	38752.	2742.2	7796.9

Inst QC: MA25283

Zoom In / Zoom Out

Sample Name: CCB Acquired: 11/2/2010 17:05:18 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	-.0001	.0000	-.0004	-.0004	.0000	.0000	.0003
Stddev	.0001	.0000	.0002	.0002	.0002	.0001	.0000	.000	.0003
%RSD	2707.	105.7	285.2	1434.	60.26	24.38	5344.	183.2	110.0
#1	.0000	.0000	-.0002	.0002	-.0005	-.0004	.0000	-.0001	.0005
#2	.0001	.0000	.0001	-.0001	-.0002	-.0003	.0000	.0000	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0003	.0001	.0016	-.0008	-.0009	-.0002	.0024	-.0063
Stddev	.0001	.0001	.0004	.0007	.0003	.0004	.0002	.0006	.0020
%RSD	40.13	26.49	829.5	41.96	34.13	47.69	71.45	26.55	31.14
#1	.0002	.0004	.0003	.0021	-.0006	-.0012	-.0001	.0019	-.0049
#2	.0001	.0002	-.0002	.0011	-.0009	-.0006	-.0004	.0028	-.0076
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0024	.0391	.0387	.0003	.0006	.0000	-.0006	.0000
Stddev	.0002	.0075	.0088	.0005	.0003	.0001	.001	.0003	.0001
%RSD	19.57	317.1	22.63	1.220	99.00	23.72	2251.	46.03	804.2
#1	.0013	-.0029	.0328	.0384	.0001	.0007	-.0004	-.0008	-.0001
#2	.0010	.0077	.0454	.0390	.0005	.0005	.0003	-.0004	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

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Zoom In / Zoom Out

Sample Name: CCB Acquired: 11/2/2010 17:05:18 Type: QC
Method: Accutest1(v61) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0001	.0002	.0046	.0002
Stddev	.0000	.0001	.0010	.0000
%RSD	12.48	37.12	22.22	12.41
#1	.0001	.0002	.0053	.0002
#2	.0001	.0001	.0039	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	134960.	39803.	2856.6	8596.1
Stddev	132.	576.	5.5	21.1
%RSD	.09770	1.4481	.19386	.24546
#1	135060.	39395.	2860.5	8611.0
#2	134870.	40210.	2852.7	8581.2

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NOTE: The remaining raw data for this batch is not relevant to this job. As such it has been omitted.

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Ba 455.403 { 74}	☒	2	Mg	0.000007	0.000000	No
			Al	0.000002	0.000000	No
Be 313.042 {108}	☒	10	V	0.000140	0.000000	No
			Mo	-0.000037	0.000000	No
			Ti	-0.000320	0.000000	No
			Mn	-0.000033	0.000000	No
			Ba	0.000015	0.000000	No
			Co	0.000010	0.000000	No
			Ni	0.000004	0.000000	No
			Ca	0.000000	0.000000	No
			Cu	0.000034	0.000000	No
			Zn	-0.000010	0.000000	No
Cd 228.802 {448}	☒	13	As	0.015100	0.000000	No
			Ni	-0.000119	0.000000	No
			Fe	0.000016	0.000000	No
			V	0.000061	0.000000	No
			Ba	-0.000047	0.000000	No
			Co	-0.003447	0.000000	No
			Sr	-0.000006	0.000000	No
			Ca	-0.000000	0.000000	No
			Mn	-0.000021	0.000000	No
			Cr	0.000025	0.000000	No
			Si	-0.000005	0.000000	No
			Cu	-0.000026	0.000000	No
			W	-0.000550	0.000000	No
Co 228.616 {448}	☒	8	Fe	0.000015	0.000000	No
			Cr	-0.000049	0.000000	No
			Mo	-0.001530	0.000000	No
			Ni	0.000106	0.000000	No
			Ti	0.001962	0.000000	No
			Ba	0.000080	0.000000	No
			W	0.000660	0.000000	No
			Cd	-0.000060	0.000000	No
Cr 267.716 {126}	☒	13	Mn	0.000202	0.000000	No
			V	-0.000022	0.000000	No
			Mo	0.000018	0.000000	No
			Fe	-0.000011	0.000000	No
			W	0.000253	0.000000	No
			Cd	-0.000050	0.000000	No
			Al	0.000006	0.000000	No
			Ca	-0.000001	0.000000	No
			Mg	0.000000	0.000000	No
			Ti	0.000100	0.000000	No
			Sn	0.000000	0.000000	No
			Ba	-0.000005	0.000000	No
			Cu	0.000100	0.000000	No
Cu 324.754 {104}2	☒	13	Cr	-0.000171	0.000000	No
			V	-0.000183	0.000000	No
			Mo	0.000156	0.000000	No
			Ti	-0.000182	0.000000	No
			Fe	-0.000197	0.000000	No
			Al	0.000000	0.000000	No
			Sn	0.000203	0.000000	No
			Zn	-0.000004	0.000000	No
			Co	-0.001800	0.000000	No
			Zr	-0.000100	0.000000	No
			Si	0.000120	0.000000	No
			Mn	0.000000	0.000000	No
			Se	0.000850	0.000000	No
Mn 257.610 {131}	☒	4	Fe	-0.000022	0.000000	No
			Si	0.000050	0.000000	No
			Ba	0.000100	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			As	0.000200	0.000000	No
Ni 231.604 {446}	☒	15	Fe	0.000010	0.000000	No
			Zn	0.000079	0.000000	No
			Be	-0.000087	0.000000	No
			Co	0.000059	0.000000	No
			Tl	0.000209	0.000000	No
			Mg	0.000004	0.000000	No
			Mo	-0.000150	0.000000	No
			V	-0.000032	0.000000	No
			Cu	0.000050	0.000000	No
			Se	0.000100	0.000000	No
			Al	-0.000001	0.000000	No
			Cr	0.000006	0.000000	No
			Si	-0.000030	0.000000	No
			Sn	0.000079	0.000000	No
			Ba	0.000000	0.000000	No
Ag 328.068 {103}	☒	10	Mn	0.000010	0.000000	No
			Mo	0.000023	0.000000	No
			Ti	-0.000008	0.000000	No
			Fe	-0.000028	0.000000	No
			V	-0.004600	0.000000	No
			Zn	-0.000048	0.000000	No
			W	0.000030	0.000000	No
			Ca	0.000000	0.000000	No
			Zr	0.005376	0.000000	No
			Al	-0.000004	0.000000	No
V 292.402 {115}	☒	6	Ti	0.000430	0.000000	No
			Mo	-0.000100	0.000000	No
			Fe	-0.000006	0.000000	No
			Sr	-0.000100	0.000000	No
			Cr	-0.003944	0.000000	No
			Mn	-0.000370	0.000000	No
Zn 206.200 {464}	☒	12	Cr	-0.000950	0.000000	No
			Mo	-0.000070	0.000000	No
			Fe	0.000013	0.000000	No
			Al	-0.000003	0.000000	No
			Si	-0.000035	0.000000	No
			Mn	0.000205	0.000000	No
			Ba	0.000390	0.000000	No
			Na	0.000003	0.000000	No
			Ca	0.000007	0.000000	No
			Sr	-0.000833	0.000000	No
			Sn	0.000255	0.000000	No
			Cu	0.000056	0.000000	No
As 189.042 {478}	☒	20	Al	0.000008	0.000000	No
			Fe	-0.000011	0.000000	No
			Ca	-0.000002	0.000000	No
			Mn	-0.000003	0.000000	No
			Mo	0.001800	0.000000	No
			Cr	0.000562	0.000000	No
			V	0.000057	0.000000	No
			Co	-0.000558	0.000000	No
			Ba	0.000033	0.000000	No
			W	0.001590	0.000000	No
			Sn	-0.000037	0.000000	No
			Cd	-0.000228	0.000000	No
			Tl	-0.000110	0.000000	No
			Be	-0.000007	0.000000	No
			Mg	0.000000	0.000000	No
			Si	0.000005	0.000000	No
			Zn	-0.000135	0.000000	No
			Sr	-0.000080	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Pd	0.032230	0.000000	No
			Zr	0.002000	0.000000	No
Tl 190.856 {477}	☒	22	Cr	0.000380	0.000000	No
			Mo	-0.004960	0.000000	No
			Al	-0.000002	0.000000	No
			Fe	-0.000132	0.000000	No
			V	-0.024000	0.000000	No
			Mn	0.000837	0.000000	No
			Si	0.000001	0.000000	No
			Ca	-0.000001	0.000000	No
			Ti	-0.000681	0.000000	No
			Na	0.000000	0.000000	No
			Mg	-0.000003	0.000000	No
			Co	0.004490	0.000000	No
			Sr	-0.000041	0.000000	No
			B	-0.000026	0.000000	No
			Ba	-0.001409	0.000000	No
			Zn	0.000321	0.000000	No
			As	-0.000047	0.000000	No
			W	-0.042400	0.000000	No
			Ni	0.000056	0.000000	No
			Cu	0.000022	0.000000	No
			Zr	-0.002000	0.000000	No
			Pd	-0.000500	0.000000	No
Pb 220.353 {453}	☒	22	Al	-0.000097	0.000000	No
			Fe	0.000058	0.000000	No
			Ca	-0.000003	0.000000	No
			Mn	0.000063	0.000000	No
			Zn	-0.000036	0.000000	No
			Mo	-0.001174	0.000000	No
			Ni	0.000382	0.000000	No
			Cu	0.000160	0.000000	No
			V	-0.000088	0.000000	No
			Co	0.000211	0.000000	No
			Ti	-0.000003	0.000000	No
			Si	0.000148	0.000000	No
			Ba	-0.000030	0.000000	No
			Sb	-0.000200	0.000000	No
			K	0.000000	0.000000	No
			Sr	-0.000060	0.000000	No
			W	-0.006750	0.000000	No
			Mg	0.000000	0.000000	No
			Cd	-0.000018	0.000000	No
			Cr	0.000022	0.000000	No
			Pd	0.000170	0.000000	No
			Zr	-0.000500	0.000000	No
Se 196.090 {472}	☒	20	Al	-0.000005	0.000000	No
			Ca	0.000007	0.000000	No
			Mn	0.000323	0.000000	No
			Mo	0.000081	0.000000	No
			Fe	-0.000223	0.000000	No
			Co	-0.000586	0.000000	No
			V	0.000007	0.000000	No
			Sr	-0.000125	0.000000	No
			Cu	-0.000007	0.000000	No
			W	0.007206	0.000000	No
			Si	0.000011	0.000000	No
			Tl	0.000204	0.000000	No
			Be	-0.000143	0.000000	No
			Zn	-0.000130	0.000000	No
			B	0.000025	0.000000	No
			Pd	-0.006682	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Ti	-0.000200	0.000000	No
			Cd	-0.000210	0.000000	No
			Zr	-0.000400	0.000000	No
			Ba	-0.007219	0.000000	No
Sb 206.833 {463}	☒	13	Fe	0.000016	0.000000	No
			Al	0.000005	0.000000	No
			Ca	-0.000001	0.000000	No
			Ni	-0.001489	0.000000	No
			Cr	0.007570	0.000000	No
			V	-0.001344	0.000000	No
			Zn	0.000188	0.000000	No
			Mo	-0.000390	0.000000	No
			Ti	0.000220	0.000000	No
			Sn	-0.012900	0.000000	No
			W	-0.000500	0.000000	No
			Mg	-0.000001	0.000000	No
			Zr	-0.001300	0.000000	No
Al 396.152 { 85}	☒	4	Si	0.002976	0.000000	No
			Ca	0.000218	0.000000	No
			Mo	0.038910	0.000000	No
			Zr	-0.031182	0.000000	No
Ca 317.933 {106}	☒	15	Fe	0.000150	0.000000	No
			Ti	0.000560	0.000000	No
			W	0.023000	0.000000	No
			Tl	0.004950	0.000000	No
			Be	0.016000	0.000000	No
			Ba	0.008500	0.000000	No
			Cu	0.015200	0.000000	No
			Cd	0.008700	0.000000	No
			Ni	0.006667	0.000000	No
			Pd	0.097700	0.000000	No
			Mn	0.000000	0.000000	No
			B	0.021790	0.000000	No
			Se	0.017000	0.000000	No
			Co	0.027000	0.000000	No
			Cr	0.024000	0.000000	No
Fe 259.940 {130}	☒	13	Co	0.000004	0.000000	No
			Si	-0.001181	0.000000	No
			Tl	-0.002602	0.000000	No
			Se	0.000000	0.000000	No
			Cr	-0.000566	0.000000	No
			Mn	0.000000	0.000000	No
			V	-0.000064	0.000000	No
			Cu	0.000953	0.000000	No
			K	-0.001830	0.000000	No
			Zn	0.007900	0.000000	No
			Ti	-0.000631	0.000000	No
			Ca	0.000020	0.000000	No
			Ba	0.001000	0.000000	No
Mg 279.079 {121}	☒	3	Mo	-0.010250	0.000000	No
			W	-0.006578	0.000000	No
			Mn	-0.005360	0.000000	No
K 766.490 { 44}	☒	11	Fe	-0.000340	0.000000	No
			Al	-0.000023	0.000000	No
			Ca	0.000179	0.000000	No
			Mn	0.001430	0.000000	No
			Si	-0.003000	0.000000	No
			V	-0.002000	0.000000	No
			Pd	0.004000	0.000000	No
			Sn	-0.004700	0.000000	No
			Na	-0.004000	0.000000	No
			Ba	0.007300	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Mo	-0.000850	0.000000	No
Na 589.592 { 57}	☒	4	K	-0.000560	0.000000	No
			Ba	0.000900	0.000000	No
			Ca	0.000050	0.000000	No
			Al	-0.000800	0.000000	No
B 208.959 {462}	☒	1	Mo	0.037990	0.000000	No
Mo 202.030 {467}	☒	5	Co	0.000000	0.000000	No
			Al	0.000016	0.000000	No
			Fe	-0.000010	0.000000	No
			Mg	-0.000026	0.000000	No
			Ca	0.000003	0.000000	No
Pd 340.458 { 99}	☒	7	Ti	-0.000339	0.000000	No
			V	0.000132	0.000000	No
			Sn	-0.000006	0.000000	No
			Fe	-0.000444	0.000000	No
			Mo	-0.001720	0.000000	No
			Zr	0.009955	0.000000	No
			Co	-0.003300	0.000000	No
Si 212.412 {459}	☒	11	Sr	0.000366	0.000000	No
			Ni	0.000106	0.000000	No
			Mo	0.014750	0.000000	No
			V	-0.000260	0.000000	No
			Ti	0.002730	0.000000	No
			Al	-0.000027	0.000000	No
			Cd	0.001043	0.000000	No
			Ba	0.000170	0.000000	No
			Fe	0.000044	0.000000	No
			Sn	0.005721	0.000000	No
			Zn	0.000385	0.000000	No
Sn 189.989 {478}	☒	5	Ti	-0.000590	0.000000	No
			Mo	0.000071	0.000000	No
			Fe	0.000043	0.000000	No
			Mn	0.000501	0.000000	No
			Si	0.000131	0.000000	No
Sr 407.771 { 83}	☒	2	Fe	0.000000	0.000000	No
			Ca	0.000020	0.000000	No
Ti 334.904 {101}	☒	3	Cr	0.000189	0.000000	No
			Mo	0.001417	0.000000	No
			Si	0.000965	0.000000	No
Y 360.073 { 94}*	☒	None				
Y 371.030 { 91}*	☒	None				
Y 224.306 {451}*	☒	None				
In 230.606 {446}*	☒	None				
W 207.911 {462}	☒	25	Al	-0.000018	0.000000	No
			Si	-0.000900	0.000000	No
			Ca	-0.000026	0.000000	No
			Fe	-0.000077	0.000000	No
			As	-0.005400	0.000000	No
			Mg	-0.000006	0.000000	No
			Mn	-0.000900	0.000000	No
			Mo	-0.000900	0.000000	No
			Ti	-0.002000	0.000000	No
			Sr	-0.000850	0.000000	No
			V	-0.001300	0.000000	No
			Cd	-0.000650	0.000000	No
			Cr	-0.000880	0.000000	No
			Zn	0.006121	0.000000	No
			Pd	-0.011600	0.000000	No
			Sn	-0.000500	0.000000	No
			Zr	0.005930	0.000000	No
			B	-0.001000	0.000000	No
			Sb	-0.001000	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Co	-0.001000	0.000000	No
			Ni	-0.001000	0.000000	No
			Be	-0.001000	0.000000	No
			Se	-0.001100	0.000000	No
			Cu	-0.001300	0.000000	No
			Ba	-0.001000	0.000000	No
Zr 339.198 { 99}	☒	3	Mo	0.000700	0.000000	No
			Ti	0.002900	0.000000	No
			Fe	-0.000060	0.000000	No

12.2.1

12

Zoom In ▶ Zoom Out

Sample Name: StdA Acquired: 11/3/2010 11:53:54 Type: Cal
Method: Accutest1(v183) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0041	.0004	.0005	-.0001	.0001	.0035	.0000	.0001	-.0001
Stddev	.0001	.0000	.0002	.0002	.0000	.0001	.0000	.0001	.0000
%RSD	2.709	4.799	37.59	237.0	31.30	3.334	48.95	139.5	21.50
#1	.0042	.0004	.0003	-.0002	.0000	.0036	.0000	.0000	-.0001
#2	.0040	.0003	.0006	.0000	.0001	.0034	.0000	.0001	-.0001

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0002	-.0002	-.0001	-.0001	.0005	.0001	-.0003	.0064
Stddev	.0000	.0000	.0001	.0000	.0000	.0000	.0001	.0000	.0000
%RSD	225.5	10.99	45.50	12.88	40.23	7.312	78.62	8.177	.4439
#1	.0000	.0002	-.0001	-.0001	-.0001	.0005	.0002	-.0002	.0064
#2	.0000	.0002	-.0003	-.0001	-.0001	.0004	.0001	-.0003	.0064

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0000	.0027	.0020	.0149	.0279	.0000	.0058	.0000
Stddev	.0000	.000	.0003	.0001	.0000	.0001	.000	.0000	.0001
%RSD	30.80	430.0	11.13	5.149	.0564	.4132	214.2	.4420	540.6
#1	.0000	.0000	.0029	.0019	.0149	.0280	.0000	.0058	.0000
#2	.0001	.0000	.0025	.0021	.0149	.0278	-.0001	.0058	.0000

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0005	-.0002	.0054	.0002
Stddev	.0001	.0000	.0001	.0000
%RSD	13.26	9.759	1.376	6.803
#1	.0004	-.0002	.0053	.0002
#2	.0005	-.0002	.0055	.0002

◀ Zoom In ▶ Zoom Out

Sample Name: StdA Acquired: 11/3/2010 11:53:54 Type: Cal
Method: Accutest1(v183) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76829.	22276.	2248.8	6345.7
Stddev	151.	19.	.2	3.2
%RSD	.19677	.08320	.00778	.05121
#1	76936.	22289.	2248.7	6348.0
#2	76722.	22263.	2249.0	6343.4

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 11/3/2010 11:59:58 Type: Cal
Method: Accutest1(v183) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.108	1.872	1.202	1.055	.0736	.3219	.4440	.3300	.0147	.1547
Stddev	.004	.010	.000	.001	.0005	.0027	.0033	.0001	.0001	.0012
%RSD	.1695	.5272	.0048	.1024	.6510	.8378	.7392	.0220	.4925	.7567
#1	2.111	1.879	1.202	1.056	.0733	.3200	.4417	.3301	.0146	.1539
#2	2.106	1.865	1.202	1.055	.0740	.3238	.4463	.3300	.0147	.1555

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.8916	.1617	.0398	.1370	.1274	.2502	.5710	.9923	.5504	.0742
Stddev	.0034	.0002	.0002	.0001	.0003	.0003	.0030	.0073	.0022	.0003
%RSD	.3762	.1507	.5087	.0389	.2494	.1011	.5293	.7347	.3928	.4598
#1	.8940	.1615	.0400	.1370	.1272	.2500	.5731	.9975	.5519	.0745
#2	.8893	.1619	.0397	.1370	.1277	.2503	.5688	.9872	.5489	.0740

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4717	1.961	.3110	1.168	.0429	.7780	.2030	3.027	.1361	.4826
Stddev	.0018	.007	.0003	.002	.0003	.0006	.0002	.005	.0009	.0017
%RSD	.3746	.3844	.0820	.2065	.7543	.0786	.1085	.1768	.6505	.3618
#1	.4729	1.966	.3108	1.166	.0427	.7776	.2031	3.031	.1355	.4814
#2	.4704	1.955	.3112	1.170	.0432	.7784	.2028	3.023	.1368	.4839

Elem	Zr3391
Units	Cts/S
Avg	.4073
Stddev	.0022
%RSD	.5383
#1	.4058
#2	.4089

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 11/3/2010 11:59:58 Type: Cal
Method: Accutest1(v183) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75276.	22246.	2199.1	6033.7
Stddev	637.	83.	3.6	8.4
%RSD	.84555	.37422	.16162	.13913
#1	75726.	22187.	2201.6	6039.6
#2	74826.	22305.	2196.6	6027.8

Zoom In Zoom Out

Sample Name: STDC Acquired: 11/3/2010 12:05:47 Type: Cal
Method: Accutest1(v183) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.528	7.447	4.853	4.114	.2889	1.354	1.749	1.332	.0611	.6170
Stddev	.007	.001	.001	.000	.0008	.001	.003	.001	.0001	.0004
%RSD	.0786	.0089	.0094	.0039	.2901	.0472	.1453	.0969	.0858	.0629
#1	8.523	7.446	4.854	4.114	.2895	1.354	1.751	1.333	.0611	.6173
#2	8.533	7.447	4.853	4.114	.2883	1.354	1.747	1.331	.0610	.6167

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.475	.6573	.1577	.5537	.5187	1.021	2.361	3.934	2.182	.3062
Stddev	.001	.0002	.0002	.0003	.0007	.000	.001	.005	.003	.0001
%RSD	.0149	.0275	.0974	.0467	.1397	.0034	.0246	.1273	.1443	.0453
#1	3.475	.6572	.1578	.5539	.5182	1.021	2.361	3.930	2.180	.3063
#2	3.475	.6574	.1576	.5535	.5192	1.021	2.362	3.937	2.184	.3061

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.933	7.994	1.195	4.569	.1807	3.140	.7956	12.07	.5473	1.881
Stddev	.002	.004	.001	.009	.0006	.002	.0006	.04	.0016	.006
%RSD	.1111	.0449	.0445	.1948	.3493	.0565	.0717	.3029	.2932	.3100
#1	1.934	7.997	1.195	4.562	.1802	3.139	.7952	12.10	.5484	1.877
#2	1.931	7.992	1.196	4.575	.1811	3.142	.7960	12.05	.5462	1.885

Elem	Zr3391
Units	Cts/S
Avg	1.639
Stddev	.000
%RSD	.0014
#1	1.639
#2	1.639

Zoom In Zoom Out

Sample Name: STDC Acquired: 11/3/2010 12:05:47 Type: Cal
Method: Accutest1(v183) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	72362.	21747.	2082.9	5462.6
Stddev	173.	52.	1.0	10.9
%RSD	.23905	.23989	.04746	.20030
#1	72240.	21784.	2082.2	5454.8
#2	72485.	21710.	2083.6	5470.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 12:11:48 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.949	1.969	1.949	1.973	1.964	1.899	1.972	1.949	.2416
Stddev	.000	.002	.000	.000	.002	.009	.001	.003	.0007
%RSD	.0218	.0841	.0096	.0195	.1038	.4960	.0328	.1456	.2726
#1	1.949	1.967	1.949	1.974	1.966	1.905	1.973	1.947	.2411
#2	1.948	1.970	1.949	1.973	1.963	1.892	1.972	1.951	.2421
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.976	1.983	1.944	1.968	1.952	1.952	1.939	38.51	39.08
Stddev	.003	.003	.002	.001	.003	.000	.000	.02	.06
%RSD	.1272	.1577	.0925	.0598	.1325	.0126	.0180	.0391	.1445
#1	1.978	1.980	1.943	1.967	1.950	1.952	1.939	38.50	39.04
#2	1.974	1.985	1.945	1.969	1.954	1.952	1.940	38.52	39.12
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.20	38.51	38.67	38.87	1.968	1.956	1.908	4.907	1.981
Stddev	.03	.07	.08	.03	.000	.004	.001	.002	.003
%RSD	.0785	.1730	.2045	.0725	.0128	.2052	.0332	.0471	.1321
#1	39.18	38.46	38.62	38.85	1.968	1.953	1.909	4.909	1.979
#2	39.23	38.56	38.73	38.89	1.968	1.959	1.908	4.906	1.983
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 12:11:48 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.981	1.940	F1.794	1.942
Stddev	.002	.004	.005	.001
%RSD	.0789	.1975	.3071	.0679
#1	1.982	1.942	1.790	1.942
#2	1.980	1.937	1.798	1.941
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value			2.000	
Range			-10.00%	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74894.	22050.	2160.5	5814.4
Stddev	37.	91.	4.1	7.2
%RSD	.04999	.41068	.18847	.12352
#1	74868.	22114.	2157.6	5809.3
#2	74921.	21986.	2163.4	5819.5

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 12:17:37 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	.0009	F.0007	.0008	.0012	.0013	.0013	.0009	.0001
Stddev	.0001	.0002	.0001	.0001	.0003	.0002	.0000	.0001	.0001
%RSD	16.36	24.23	7.942	10.90	22.48	12.35	3.515	12.74	186.2
#1	.0008	.0008	.0008	.0008	.0010	.0012	.0014	.0008	.0000
#2	.0010	.0011	.0007	.0007	.0013	.0015	.0013	.0009	.0002
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.0006						
Low Limit			-.0006						

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	.0010	.0018	.0015	.0011	.0013	.0009	.0233	.0185
Stddev	.0001	.0003	.0003	.0010	.0003	.0008	.0003	.0015	.0042
%RSD	6.693	35.09	18.74	64.82	23.60	59.55	36.45	6.583	22.54
#1	.0016	.0012	.0021	.0022	.0013	.0018	.0012	.0222	.0156
#2	.0015	.0007	.0016	.0008	.0009	.0007	.0007	.0244	.0215
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0209	.0132	.0535	.0245	.0020	F.0048	.0014	.0046	.0013
Stddev	.0048	.0069	.0049	.0074	.0006	.0009	.0006	.0006	.0005
%RSD	22.91	52.50	9.183	30.34	28.80	18.50	41.62	13.59	39.24
#1	.0175	.0181	.0570	.0193	.0024	.0054	.0018	.0042	.0010
#2	.0243	.0083	.0501	.0298	.0016	.0042	.0010	.0051	.0017
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100					.0020			
Low Limit	-.0100					-.0020			

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 12:17:37 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F.0010	F.0015	.0158	.0012
Stddev	.0002	.0000	.0022	.0001
%RSD	15.43	2.720	13.93	8.640
#1	.0009	.0015	.0173	.0013
#2	.0011	.0015	.0142	.0011
Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Pass
High Limit	.0010	.0010		
Low Limit	-.0010	-.0010		

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76900.	22241.	2244.2	6344.4
Stddev	432.	80.	3.4	2.9
%RSD	.56119	.36119	.15226	.04647
#1	77205.	22184.	2246.7	6346.5
#2	76595.	22298.	2241.8	6342.3

Zoom In Zoom Out

Sample Name: crib Acquired: 11/3/2010 12:28:16 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1997	.0020	.0031	.0512	.0100	.0095	.0160	.0109	.0048	.0485
Stddev	.0002	.0000	.0001	.0002	.0002	.0001	.0001	.0000	.0000	.0001
%RSD	.0816	.7815	4.168	.3128	2.386	.5955	.6554	.1612	.4128	.2065
#1	.1998	.0020	.0032	.0513	.0099	.0094	.0159	.0109	.0047	.0485
#2	.1996	.0020	.0030	.0511	.0102	.0095	.0161	.0109	.0048	.0486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222	.0084	.0125	.0028	.0094	.0060	.2012	5.213	.1053	4.910
Stddev	.0000	.0006	.0005	.0001	.0003	.0001	.0033	.001	.0006	.011
%RSD	.1231	7.317	3.976	4.040	2.925	1.261	1.663	.0147	.5811	.2248
#1	.0222	.0089	.0122	.0027	.0093	.0060	.1989	5.214	.1049	4.918
#2	.0222	.0080	.0129	.0029	.0096	.0061	.2036	5.213	.1058	4.903
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02	10.20	.1030	.0216	.0529	.1962	.0107	.0107	.0101	.0607
Stddev	.02	.00	.0002	.0000	.0003	.0001	.0001	.0000	.0002	.0001
%RSD	.2470	.0218	.1568	.0813	.5718	.0394	1.146	.2631	1.579	.1152
#1	10.01	10.19	.1031	.0216	.0531	.1962	.0106	.0107	.0102	.0607
#2	10.04	10.20	.1029	.0216	.0527	.1961	.0108	.0107	.0100	.0608
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: crib Acquired: 11/3/2010 12:28:16 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	.0108
Stddev	.0000
%RSD	.3992
#1	.0108
#2	.0107
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76381.	22132.	2231.2	6216.0
Stddev	102.	15.	.0	2.4
%RSD	.13419	.06808	.00035	.03868
#1	76309.	22121.	2231.2	6217.7
#2	76454.	22142.	2231.2	6214.3

Zoom In Zoom Out

Sample Name: crid Acquired: 11/3/2010 12:34:13 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038	.0009	.0010	.0024	.0015	.0020	.0032	.0043
Stddev	.0000	.0000	.0001	.0000	.0002	.0001	.0001	.0001
%RSD	.6696	3.869	9.715	1.390	15.28	5.726	1.585	2.122
#1	.0039	.0009	.0010	.0024	.0013	.0019	.0032	.0044
#2	.0038	.0010	.0009	.0024	.0016	.0021	.0031	.0043
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Ag3280	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0021	.0109	.0033	.0021	.0021	.0040	.0023
Stddev	.0001	.0001	.0000	.0003	.0010	.0007	.0006	.0000
%RSD	8.257	5.217	.2378	8.895	46.22	32.44	14.37	1.728
#1	.0011	.0020	.0110	.0031	.0029	.0026	.0044	.0024
#2	.0010	.0022	.0109	.0035	.0014	.0016	.0036	.0023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Al3961	Ca3179	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1006	1.003	.0011	.0998	1.995	1.012	.0104	-.0002
Stddev	.0051	.005	.0002	.0054	.022	.003	.0000	.0002
%RSD	5.030	.5521	14.13	5.369	1.120	.2763	.1721	105.7
#1	.1042	.9995	.0012	.1036	1.979	1.010	.0104	.0000
#2	.0971	1.007	.0010	.0960	2.011	1.013	.0104	-.0003
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value								
Range								

Zoom In Zoom Out

Sample Name: crid Acquired: 11/3/2010 12:34:13 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	-.0012	.0000	-.0001	.0000	F.0019	F-.0002
Stddev	.0004	.0001	.000	.0000	.000	.0005	.0000
%RSD	102.8	5.760	4205.	3.858	586.3	26.81	11.66
#1	.0007	-.0012	.0002	-.0001	-.0002	.0023	-.0002
#2	.0001	-.0013	-.0002	-.0001	.0001	.0016	-.0002
Check ?	None	None	None	None	None	Chk Fail	Chk Fail
Value						.0040	.0040
Range						-30.00%	-30.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76612.	22181.	2232.1	6291.8
Stddev	37.	84.	.9	6.8
%RSD	.04768	.37952	.04115	.10870
#1	76638.	22241.	2232.7	6296.6
#2	76586.	22122.	2231.4	6286.9

Zoom In Zoom Out

Sample Name: icv Acquired: 11/3/2010 12:40:33 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9923	.9936	.9706	1.003	.9984	.9926	1.010	.9801	.5018
Stddev	.0013	.0023	.0009	.000	.0008	.0018	.001	.0016	.0009
%RSD	.1265	.2320	.0905	.0143	.0757	.1779	.0884	.1650	.1852
#1	.9910	.9962	.9696	1.003	.9980	.9946	1.009	.9812	.5013
#2	.9926	.9928	.9709	1.003	.9978	.9914	1.010	.9809	.5011
#3	.9935	.9918	.9713	1.003	.9992	.9917	1.011	.9783	.5028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.9430	1.008	.9684	.9861	.9742	.9599	.9676	4.870	5.066
Stddev	.0017	.001	.0010	.0022	.0011	.0033	.0017	.007	.029
%RSD	.1817	.1306	.1055	.2257	.1137	.3472	.1757	.1361	.5808
#1	.9420	1.009	.9675	.9865	.9751	.9585	.9669	4.871	5.099
#2	.9419	1.008	.9681	.9881	.9746	.9575	.9663	4.863	5.058
#3	.9449	1.006	.9695	.9837	.9730	.9637	.9695	4.876	5.042
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	1.000								
Range	-5.000%								

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.041	4.996	9.865	9.961	.9911	.9812	F.9362	F1.069	.9821
Stddev	.015	.034	.021	.009	.0019	.0019	.0033	.002	.0018
%RSD	.3021	.6811	.2093	.0871	.1903	.1941	.3512	.1784	.1870
#1	5.057	5.033	9.885	9.959	.9898	.9791	.9397	1.068	.9806
#2	5.039	4.989	9.867	9.953	.9903	.9818	.9333	1.069	.9815
#3	5.027	4.966	9.844	9.970	.9933	.9827	.9355	1.071	.9842
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass
Value							1.000	1.000	
Range							-5.000%	5.000%	

Zoom In Zoom Out

Sample Name: icv Acquired: 11/3/2010 12:40:33 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.008	.9764	1.016	.9822
Stddev	.001	.0013	.004	.0001
%RSD	.0470	.1346	.4235	.0148
#1	1.008	.9755	1.011	.9820
#2	1.008	.9758	1.017	.9823
#3	1.009	.9779	1.020	.9822
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76185.	22144.	2213.4	6146.8
Stddev	86.	79.	5.6	5.6
%RSD	.11277	.35601	.25518	.09061
#1	76119.	22069.	2217.8	6150.6
#2	76282.	22136.	2215.3	6149.4
#3	76155.	22227.	2207.0	6140.4

Zoom In Zoom Out

Sample Name: icb Acquired: 11/3/2010 12:51:08 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0000	.0000	-.0001	-.0003	-.0002	.0000	.0002	-.0001	.0002
Stddev	.000	.0000	.000	.0002	.0001	.0002	.0000	.0001	.0003	.0002
%RSD	192.0	137.5	19.78	195.8	44.64	75.19	34.55	54.18	382.8	106.1
#1	.0000	.0000	.0000	.0000	-.0002	-.0001	.0000	.0002	.0001	.0004
#2	-.0001	.0000	.0000	-.0002	-.0004	-.0004	.0000	.0001	-.0003	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0000	.0001	.0002	-.0013	.0001	.0001	-.0032	-.0007	-.0031
Stddev	.0001	.000	.0002	.0001	.0004	.0003	.0054	.0000	.0005	.0009
%RSD	202.1	617.0	256.6	32.02	28.94	372.7	5961.	.0990	79.06	28.10
#1	.0000	-.0003	-.0001	.0003	-.0011	-.0001	.0039	-.0032	-.0011	-.0025
#2	-.0001	.0002	.0003	.0002	-.0016	.0003	-.0037	-.0032	-.0003	-.0037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0108	-.0003	.0002	-.0002	.0002	-.0001	.0003	.0000	.0000	.0016
Stddev	.0019	.0008	.0002	.0001	.0004	.0003	.0001	.000	.0001	.0008
%RSD	17.95	252.1	89.98	37.96	174.0	216.7	43.02	65.83	150.9	52.41
#1	-.0094	.0003	.0004	-.0002	.0005	.0001	.0005	.0000	.0000	.0021
#2	-.0121	-.0009	.0001	-.0003	-.0001	-.0004	.0002	-.0001	.0001	.0010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Zoom In Zoom Out

Sample Name: icb Acquired: 11/3/2010 12:51:08 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	-.0003
Stddev	.0000
%RSD	6.796
#1	-.0003
#2	-.0003
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76517.	22109.	2238.2	6313.0
Stddev	178.	23.	10.2	13.1
%RSD	.23281	.10577	.45364	.20804
#1	76642.	22093.	2245.4	6322.3
#2	76391.	22126.	2231.0	6303.7

Zoom In Zoom Out

Sample Name: iccv Acquired: 11/3/2010 12:55:40 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.956	1.970	1.957	1.978	1.954	1.913	1.981	1.960	.2432
Stddev	.001	.001	.003	.004	.005	.002	.002	.001	.0002
%RSD	.0609	.0712	.1578	.2247	.2342	.1079	.0819	.0460	.0828
#1	1.955	1.970	1.961	1.984	1.961	1.912	1.983	1.961	.2430
#2	1.957	1.968	1.955	1.976	1.954	1.913	1.980	1.960	.2435
#3	1.956	1.970	1.958	1.976	1.952	1.911	1.981	1.959	.2432
#4	1.957	1.971	1.954	1.975	1.950	1.916	1.979	1.961	.2432
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.983	1.978	1.955	1.967	1.954	1.965	1.957	38.37	39.01
Stddev	.002	.002	.004	.002	.002	.005	.002	.04	.07
%RSD	.1085	.1019	.2012	.1132	.0843	.2722	.1115	.1151	.1751
#1	1.986	1.980	1.960	1.970	1.953	1.970	1.960	38.43	39.01
#2	1.983	1.979	1.952	1.967	1.956	1.963	1.955	38.34	38.92
#3	1.982	1.976	1.956	1.965	1.953	1.969	1.958	38.34	39.03
#4	1.981	1.977	1.952	1.967	1.955	1.959	1.957	38.37	39.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: iccv Acquired: 11/3/2010 12:55:40 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.33	38.65	38.67	39.05	1.981	1.958	1.911	4.934	1.992
Stddev	.04	.08	.05	.05	.004	.002	.003	.012	.003
%RSD	.0965	.2001	.1283	.1158	.2285	.1198	.1783	.2458	.1536
#1	39.31	38.71	38.71	39.06	1.986	1.961	1.911	4.947	1.996
#2	39.29	38.56	38.68	39.09	1.976	1.957	1.916	4.928	1.990
#3	39.38	38.73	38.70	39.06	1.982	1.959	1.910	4.942	1.989
#4	39.33	38.63	38.60	38.98	1.977	1.956	1.908	4.921	1.994
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	1.991	1.944	F1.822	1.950
Stddev	.001	.003	.005	.001
%RSD	.0446	.1333	.2553	.0358
#1	1.990	1.947	1.817	1.950
#2	1.992	1.941	1.819	1.950
#3	1.991	1.941	1.826	1.949
#4	1.991	1.945	1.825	1.950
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value			2.000	
Range			-5.000%	

Zoom In Zoom Out

Sample Name: iccv Acquired: 11/3/2010 12:55:40 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74305.	21918.	2137.0	5746.9
Stddev	89.	23.	6.1	5.9
%RSD	.11962	.10315	.28712	.10268
#1	74319.	21913.	2128.5	5738.7
#2	74224.	21948.	2142.1	5752.8
#3	74254.	21894.	2136.7	5748.5
#4	74425.	21918.	2140.8	5747.7

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 13:04:54 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0001	.0001	.0001	.0001	-.0001	.0001	.0003	.0000
Stddev	.0000	.0000	.0000	.0000	.0000	.0002	.0000	.0002	.000
%RSD	98.19	17.32	15.52	24.59	81.21	184.1	35.78	90.35	225.5
#1	.0000	.0001	.0001	.0001	.0001	-.0002	.0002	.0004	.0000
#2	.0001	.0001	.0001	.0001	.0000	.0000	.0001	.0001	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0001	.0007	.0017	.0002	-.0003	-.0001	.0053	-.0003
Stddev	.0001	.0001	.0001	.0004	.0002	.0001	.0004	.0028	.0024
%RSD	28.52	93.10	19.92	21.98	125.2	27.30	283.5	52.35	807.0
#1	.0002	-.0002	.0008	.0019	.0000	-.0004	.0001	.0072	-.0020
#2	.0003	.0000	.0006	.0014	.0003	-.0003	-.0004	.0033	.0014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033	.0046	.0166	.0043	.0007	F.0027	.0003	.0000	.0001
Stddev	.0007	.0100	.0047	.0007	.0005	.0006	.0001	.001	.0003
%RSD	20.44	216.8	28.34	15.57	65.15	21.86	32.47	2243.	215.9
#1	.0038	.0116	.0133	.0038	.0011	.0031	.0004	.0005	.0003
#2	.0028	-.0025	.0200	.0047	.0004	.0023	.0002	-.0006	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0020			
Low Limit						-.0020			

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 13:04:54 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0001	.0000	.0155	.0005
Stddev	.0000	.000	.0017	.0001
%RSD	14.16	1476.	10.70	19.58
#1	.0001	-.0001	.0167	.0006
#2	.0001	.0001	.0143	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76810.	22245.	2221.7	6279.6
Stddev	195.	10.	5.9	3.0
%RSD	.25369	.04496	.26388	.04838
#1	76947.	22252.	2225.9	6281.8
#2	76672.	22238.	2217.6	6277.5

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/3/2010 13:11:12 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0007	.0000	-.0004	.0000	-.0008	-.0061	-.0001	.0000	-.0002	-.0001
Stddev	.0007	.0001	.0000	.0001	.0001	.0001	.0000	.000	.0000	.0001
%RSD	105.3	205.7	.2041	355.7	7.563	1.600	5.148	7.962	3.319	103.8
#1	.0002	.0001	-.0004	.0000	-.0008	-.0060	-.0001	.0000	-.0002	-.0001
#2	.0012	.0000	-.0004	.0001	-.0008	-.0061	-.0001	.0000	-.0002	.0000

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0000	.0014	.0013	.0009	-.0024	.0000	.0053	.4819	.0061	.0039
Stddev	.000	.0000	.0005	.0001	.0002	.000	.0079	.2091	.0052	.0100
%RSD	1.189	2.833	40.67	8.887	8.639	166.2	147.7	43.40	86.45	258.9
#1	.0000	.0014	.0009	.0008	-.0023	-.0001	.0109	.6298	.0098	.0110
#2	.0000	.0014	.0017	.0009	-.0026	.0000	-.0002	.3340	.0024	-.0032

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0185	.0226	-.0250	-.0124	-.0002	-.0140	.0000	.0019	.0001	-.0063
Stddev	.0257	.0166	.0005	.0000	.0001	.0001	.0001	.0009	.0001	.0003
%RSD	139.3	73.50	1.816	.0417	59.65	.4837	411.8	48.89	72.44	4.004
#1	.0003	.0343	-.0247	-.0124	-.0003	-.0139	-.0001	.0025	.0001	-.0062
#2	.0366	.0108	-.0253	-.0124	-.0001	-.0140	.0001	.0012	.0002	-.0065

Elem	Zr3391
Avg	-.0006
Stddev	.0001
%RSD	15.25
#1	-.0007
#2	-.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	220180.	*****	9111.1	22183.
Stddev	6280.	-----	46.7	104.
%RSD	2.8521	-----	.51207	.46911
#1	215740.	21908.	9078.1	22109.
#2	224620.	-----	9144.1	22256.

Zoom In Zoom Out

Sample Name: ja59401-8fundconf Acquired: 11/3/2010 13:17:38 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0147	.0001	-.0002	.0001	.0000	.0014	.0109	.0008	.0002	.0009
Stddev	.0001	.0000	.0001	.0001	.0002	.0001	.0001	.0003	.0001	.0001
%RSD	.7248	8.407	64.40	127.7	1265.	7.287	.6979	43.16	35.85	7.055
#1	.0146	.0002	-.0001	.0000	.0001	.0015	.0109	.0010	.0001	.0008
#2	.0147	.0001	-.0002	.0002	-.0001	.0013	.0108	.0006	.0002	.0009

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0287	.0022	.0035	.0005	-.0015	-.0007	.1547	2.959	.2727	1.201
Stddev	.0000	.0001	.0008	.0002	.0009	.0003	.0009	.015	.0004	.006
%RSD	.1366	3.752	22.64	49.84	59.84	47.06	.6059	.5090	.1495	.4825
#1	.0287	.0023	.0040	.0003	-.0009	-.0010	.1554	2.948	.2724	1.205
#2	.0287	.0022	.0029	.0006	-.0021	-.0005	.1541	2.969	.2730	1.197

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.8236	4.754	.0219	-.0012	-.0004	2.143	-.0005	.0137	.0013	.0116
Stddev	.0080	.017	.0003	.0001	.0006	.002	.0003	.0000	.0002	.0008
%RSD	.9762	.3473	1.225	12.14	136.5	.1056	67.60	.0582	12.06	6.477
#1	.8179	4.742	.0221	-.0013	.0000	2.145	-.0007	.0137	.0015	.0111
#2	.8293	4.765	.0217	-.0011	-.0009	2.142	-.0002	.0137	.0012	.0122

Elem	Zr3391
Avg	-.0008
Stddev	.0000
%RSD	4.677
#1	-.0009
#2	-.0008

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78143.	22682.	2251.0	6397.1
Stddev	62.	137.	7.5	12.9
%RSD	.07960	.60492	.33298	.20110
#1	78187.	22779.	2256.3	6406.2
#2	78099.	22585.	2245.7	6388.0

Zoom In Zoom Out

Sample Name: icsa Acquired: 11/3/2010 13:23:41 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0053	.0000	-.0005	-.0001	.0010	.0141	-.0026	-.0126	.0053	.0027
Stddev	.0000	.0000	.0001	.0000	.0000	.0001	.0000	.0001	.0002	.0004
%RSD	.7281	47.69	25.92	51.93	1.604	.6719	1.104	1.139	4.067	15.36
#1	-.0054	.0000	-.0004	.0000	.0010	.0140	-.0026	-.0127	.0054	.0024
#2	-.0053	.0000	-.0006	-.0001	.0010	.0142	-.0025	-.0125	.0051	.0030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0022	-.0002	.0025	.0001	.0054	-.0007	491.5	374.0	188.7	511.4
Stddev	.0006	.0002	.0012	.0002	.0018	.0006	3.5	1.3	.1	.6
%RSD	26.91	109.6	47.61	156.0	33.40	93.34	.7062	.3552	.0279	.1228
#1	-.0018	-.0004	.0033	.0003	.0041	-.0012	489.0	374.9	188.7	510.9
#2	-.0026	.0000	.0016	.0000	.0067	-.0002	493.9	373.1	188.7	511.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409	.0542	.0794	.0007	-.0072	-.0394	-.0061	-.0042	.0047	.0153
Stddev	.0073	.0002	.0023	.0010	.0011	.0008	.0002	.0000	.0003	.0005
%RSD	17.96	.4062	2.862	141.9	14.57	1.981	2.702	.2363	7.288	3.171
#1	.0461	.0544	.0810	.0014	-.0080	-.0399	-.0062	-.0042	.0049	.0150
#2	.0357	.0540	.0778	.0000	-.0065	-.0388	-.0060	-.0042	.0044	.0157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Zoom In Zoom Out

Sample Name: icsa Acquired: 11/3/2010 13:23:41 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	.0017
Stddev	.0000
%RSD	1.604
#1	.0018
#2	.0017
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	67342.	21079.	1928.5	4884.1
Stddev	2.	30.	7.0	14.6
%RSD	.00352	.14197	.36180	.29899
#1	67344.	21057.	1923.6	4873.7
#2	67340.	21100.	1933.5	4894.4

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 11/3/2010 13:29:49 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5254	.5026	1.081	.4863	.5007	.5370	.5085	1.024	1.144
Stddev	.0008	.0001	.000	.0009	.0004	.0001	.0002	.001	.000
%RSD	.1611	.0254	.0392	.1758	.0861	.0254	.0428	.0692	.0203
#1	.5248	.5027	1.081	.4857	.5004	.5371	.5087	1.025	1.143
#2	.5260	.5026	1.082	.4869	.5010	.5369	.5084	1.024	1.144
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4892	.9486	1.071	.9917	1.026	1.050	1.088	509.2	381.0
Stddev	.0001	.0020	.002	.0026	.001	.004	.001	1.3	3.9
%RSD	.0200	.2064	.1471	.2636	.1374	.4220	.0707	.2481	1.031
#1	.4891	.9472	1.069	.9899	1.027	1.047	1.087	510.1	378.3
#2	.4892	.9500	1.072	.9936	1.025	1.053	1.088	508.3	383.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	194.0	520.7	.0268	.0747	.0817	.5143	.5963	-.0389	-.0053
Stddev	.1	.5	.0218	.0014	.0018	.0021	.0034	.0020	.0003
%RSD	.0629	.1051	81.39	1.825	2.166	.4140	.5675	5.083	4.799
#1	194.1	521.1	.0114	.0737	.0805	.5128	.5987	-.0375	-.0055
#2	193.9	520.3	.0422	.0756	.0830	.5159	.5939	-.0403	-.0051
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 11/3/2010 13:29:49 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	-.0043	.0049	.5324	F.3278
Stddev	.0001	.0004	.0028	.0082
%RSD	2.478	9.057	.5311	2.487
#1	-.0042	.0046	.5304	.3220
#2	-.0044	.0052	.5344	.3335
Check ?	None	None	Chk Pass	Chk Fail
Value				.5000
Range				-20.00%
Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	67054.	20967.	1913.5	4835.9
Stddev	55.	8.	1.7	5.8
%RSD	.08217	.03628	.08626	.11913
#1	67015.	20961.	1914.7	4831.8
#2	67093.	20972.	1912.4	4840.0

Zoom In Zoom Out

Sample Name: rinseconf Acquired: 11/3/2010 13:35:51 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Avg	.0001	.0001	.0002	.0000	.0000	.0001	.0002	.0001	.0002
Stddev	.0000	.0000	.0000	.000	.0000	.0006	.0000	.0002	.0002
%RSD	33.05	1.803	5.848	561.6	44.68	491.4	1.740	172.8	97.17
#1	.0001	.0001	.0002	-.0001	.0000	-.0003	.0002	.0003	.0001
#2	.0001	.0001	.0002	.0001	.0001	.0005	.0002	.0000	.0004
Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Avg	.0002	.0019	.0001	.0002	.0001	.0002	.0005	F.0672	.0802
Stddev	.0001	.0001	.0002	.0005	.0009	.0015	.0002	.0051	.0022
%RSD	41.94	3.180	204.8	213.9	1083.	662.5	34.44	7.530	2.744
#1	.0001	.0019	.0002	.0006	.0007	-.0008	.0003	.0708	.0817
#2	.0003	.0020	.0000	-.0001	-.0005	.0013	.0006	.0636	.0786
Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Avg	F.0289	.0730	-.0087	.0012	.0003	.0001	-.0041	.0178	.0000
Stddev	.0002	.0114	.0120	.0009	.0004	.0003	.0002	.0000	.000
%RSD	.6874	15.65	137.8	79.13	120.4	322.2	4.632	.0287	1231.
#1	.0291	.0810	-.0173	.0005	.0006	.0003	-.0042	.0178	.0002
#2	.0288	.0649	-.0002	.0018	.0000	-.0001	-.0039	.0178	-.0002
Elem	Sr4077	Ti3349	W_2079	Zr3391					
Avg	.0000	-.0001	.0027	F.0290					
Stddev	.000	.0000	.0004	.0011					
%RSD	282.0	56.40	13.61	3.943					
#1	.0000	-.0001	.0029	.0298					
#2	.0000	-.0001	.0024	.0282					
Int. Std.	Y_3600	Y_3710	Y_2243	In2306					
Avg	75937.	21959.	2203.1	6227.2					
Stddev	423.	24.	2.5	3.1					
%RSD	.55707	.10748	.11310	.05018					
#1	76236.	21943.	2204.9	6229.4					
#2	75638.	21976.	2201.3	6225.0					

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 13:41:54 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.947	1.966	1.953	1.972	1.935	1.916	1.975	1.961	.2427	1.979
Stddev	.005	.003	.001	.002	.001	.009	.002	.003	.0007	.005
%RSD	.2592	.1709	.0256	.1109	.0457	.4852	.1091	.1473	.3055	.2728
#1	1.944	1.969	1.953	1.974	1.936	1.909	1.974	1.963	.2422	1.975
#2	1.951	1.964	1.953	1.970	1.934	1.923	1.977	1.959	.2433	1.983
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										
Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.967	1.949	1.955	1.950	1.964	1.959	38.16	38.91	39.25	38.48
Stddev	.001	.001	.002	.003	.004	.002	.01	.15	.04	.12
%RSD	.0317	.0482	.1236	.1646	.1886	.0750	.0261	.3827	.1066	.3022
#1	1.967	1.950	1.957	1.952	1.966	1.960	38.15	39.01	39.28	38.57
#2	1.967	1.949	1.953	1.948	1.961	1.958	38.16	38.80	39.22	38.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										
Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.37	38.97	1.971	1.946	1.906	4.926	1.991	1.992	1.936	1.807
Stddev	.12	.10	.003	.004	.014	.002	.001	.002	.002	.005
%RSD	.3115	.2440	.1740	.2188	.7304	.0385	.0398	.1034	.1243	.2856
#1	38.46	38.90	1.969	1.943	1.896	4.924	1.991	1.990	1.934	1.803
#2	38.29	39.03	1.974	1.949	1.916	4.927	1.992	1.993	1.938	1.810
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 13:41:54 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.985
Stddev	.004
%RSD	.1744
#1	1.988
#2	1.983
Check ?	Chk Pass
Value	
Range	
Int. Std.	Y_3600
Units	Cts/S
Avg	74221.
Stddev	273.
%RSD	.36739
#1	74414.
#2	74028.

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74221.	21979.	2136.7	5739.4
Stddev	273.	78.	.5	3.5
%RSD	.36739	.35601	.02434	.06134
#1	74414.	22034.	2137.1	5736.9
#2	74028.	21924.	2136.4	5741.9

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 13:47:42 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0001	.0000	.0002	-.0003	-.0002	.0001	.0001	-.0002
Stddev	.0001	.0000	.000	.0001	.0004	.0001	.0000	.0001	.0000
%RSD	1245.	56.48	58.51	82.04	128.8	68.58	16.05	110.7	19.69
#1	.0001	.0001	.0000	.0001	-.0007	-.0001	.0001	.0001	-.0002
#2	-.0001	.0000	.0000	.0002	.0000	-.0003	.0001	.0000	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0000	.0006	.0010	-.0003	-.0011	.0000	.0104	.0030
Stddev	.0002	.0000	.0007	.0004	.0003	.0008	.0003	.0022	.0031
%RSD	194.3	178.4	120.9	37.58	84.99	77.74	3855.	20.76	103.7
#1	.0000	.0001	.0011	.0013	-.0001	-.0017	-.0002	.0089	.0051
#2	.0002	.0000	.0001	.0007	-.0005	-.0005	.0002	.0119	.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049	.0029	-.0066	.0008	.0007	F.0021	.0001	.0009	.0000
Stddev	.0005	.0063	.0185	.0039	.0002	.0006	.0004	.0008	.000
%RSD	10.82	217.6	281.4	515.4	22.72	27.97	569.4	94.69	8192.
#1	.0053	.0074	-.0196	.0035	.0008	.0026	-.0002	.0015	.0002
#2	.0045	-.0016	.0065	-.0020	.0006	.0017	.0003	.0003	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0020			
Low Limit						-.0020			

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 13:47:42 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0001	.0003	.0100	.0005
Stddev	.0000	.0002	.0017	.0001
%RSD	4.211	59.50	16.81	23.54
#1	.0001	.0005	.0112	.0004
#2	.0001	.0002	.0088	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76391.	22136.	2212.2	6248.7
Stddev	109.	83.	3.2	4.7
%RSD	.14211	.37519	.14463	.07569
#1	76314.	22077.	2209.9	6245.4
#2	76468.	22194.	2214.5	6252.1

Zoom In Zoom Out

Sample Name: mp55449-b1 2 Acquired: 11/3/2010 13:53:45 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	3.670	.0929	.1031	.9178	.3679	.4536	.9371	.9031	.0946	.8699
Stddev	.005	.0000	.0003	.0017	.0012	.0009	.0018	.0001	.0002	.0008
%RSD	.1330	.0376	.3093	.1825	.3156	.2072	.1897	.0136	.2576	.0936
#1	3.674	.0929	.1033	.9190	.3687	.4529	.9384	.9031	.0947	.8705
#2	3.667	.0929	.1028	.9166	.3671	.4542	.9358	.9030	.0944	.8694

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.9054	3.520	3.335	.8770	3.500	.9062	48.85	11.50	48.28	11.00
Stddev	.0001	.005	.010	.0010	.004	.0013	.04	.02	.06	.03
%RSD	.0164	.1320	.2966	.1117	.1148	.1388	.0862	.1981	.1314	.2432
#1	.9055	3.523	3.342	.8777	3.503	.9053	48.88	11.48	48.24	11.02
#2	.9053	3.516	3.328	.8763	3.497	.9071	48.82	11.52	48.33	10.98

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	11.58	11.83	.8990	.9362	.4392	1.794	.9254	.9584	.9236	.0189
Stddev	.07	.00	.0013	.0009	.0055	.005	.0038	.0014	.0012	.0001
%RSD	.6168	.0195	.1396	.0933	1.248	.2912	.4072	.1451	.1345	.4086
#1	11.63	11.83	.8999	.9369	.4431	1.798	.9281	.9594	.9245	.0189
#2	11.53	11.83	.8982	.9356	.4353	1.791	.9228	.9574	.9227	.0190

Elem	Zr3391
Avg	.0743
Stddev	.0057
%RSD	7.611
#1	.0783
#2	.0703

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74172.	22115.	2144.9	5917.3
Stddev	272.	27.	5.0	8.6
%RSD	.36640	.12381	.23315	.14605
#1	74364.	22134.	2141.4	5911.1
#2	73979.	22096.	2148.5	5923.4

Zoom In Zoom Out

Sample Name: mp55428-s1 1 Acquired: 11/3/2010 13:59:31 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.948	.0480	.0606	.4645	.1852	.2485	1.505	.4941	.0560	.4515
Stddev	.005	.0001	.0002	.0002	.0011	.0009	.007	.0012	.0002	.0021
%RSD	.2570	.1914	.4084	.0363	.5761	.3424	.4397	.2348	.3596	.4746
#1	1.944	.0481	.0604	.4643	.1860	.2479	1.510	.4933	.0561	.4530
#2	1.951	.0480	.0608	.4646	.1845	.2491	1.501	.4949	.0558	.4499

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4733	2.107	1.699	.4748	2.103	.5280	1.975	49.85	1.364	84.45
Stddev	.0004	.002	.002	.0013	.002	.0004	.003	.32	.005	.43
%RSD	.0831	.0830	.1086	.2636	.1064	.0817	.1261	.6389	.3402	.5116
#1	.4736	2.106	1.701	.4756	2.101	.5283	1.977	50.08	1.367	84.75
#2	.4730	2.108	1.698	.4739	2.104	.5277	1.973	49.62	1.360	84.14

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	75.41	998.9	2.154	.0147	.0021	8.462	-.0010	.4295	.0009	-.0002
Stddev	.17	17.5	.001	.0002	.0005	.003	.0004	.0009	.0002	.0001
%RSD	.2207	1.748	.0643	1.099	22.73	.0399	35.58	.2176	19.67	46.97
#1	75.52	1011.	2.153	.0148	.0024	8.464	-.0013	.4288	.0010	-.0001
#2	75.29	986.6	2.155	.0146	.0017	8.460	-.0008	.4301	.0007	-.0002

Elem	Zr3391
Avg	.0024
Stddev	.0001
%RSD	4.647
#1	.0023
#2	.0025

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	66517.	21151.	1836.8	4687.5
Stddev	242.	18.	1.5	4.4
%RSD	.36319	.08579	.08093	.09314
#1	66688.	21138.	1837.9	4690.6
#2	66346.	21163.	1835.8	4684.4

Zoom In Zoom Out

Sample Name: mp55428-s2 Acquired: 11/3/2010 14:05:26 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.948	.0475	.0607	.4642	.1851	.2462	1.517	.4928	.0556	.4503
Stddev	.000	.0001	.0000	.0009	.0002	.0005	.000	.0003	.0002	.0011
%RSD	.0177	.3100	.0420	.1903	.0860	.1854	.0273	.0658	.4098	.2414
#1	1.948	.0474	.0607	.4648	.1850	.2465	1.517	.4931	.0555	.4496
#2	1.948	.0476	.0607	.4636	.1852	.2458	1.518	.4926	.0558	.4511

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4714	2.101	1.696	.4717	2.087	.5265	1.959	49.90	1.354	84.84
Stddev	.0021	.001	.007	.0020	.005	.0003	.008	.03	.000	.13
%RSD	.4433	.0620	.3961	.4239	.2448	.0531	.4310	.0677	.0273	.1569
#1	.4729	2.102	1.701	.4732	2.091	.5267	1.953	49.88	1.354	84.94
#2	.4699	2.100	1.691	.4703	2.084	.5263	1.965	49.93	1.355	84.75

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	76.32	999.1	2.201	.0140	.0021	8.656	-.0011	.4371	.0006	-.0006
Stddev	.28	1.0	.002	.0001	.0002	.003	.0006	.0002	.0001	.0002
%RSD	.3687	.0988	.1007	.3747	9.321	.0347	59.11	.0429	19.25	30.32
#1	76.12	998.4	2.200	.0141	.0019	8.653	-.0015	.4372	.0007	-.0008
#2	76.52	999.8	2.203	.0140	.0022	8.658	-.0006	.4369	.0006	-.0005

Elem	Zr3391
Avg	.0022
Stddev	.0001
%RSD	5.466
#1	.0023
#2	.0021

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	66183.	21089.	1821.0	4647.3
Stddev	114.	50.	5.4	11.9
%RSD	.17202	.23913	.29648	.25713
#1	66102.	21125.	1824.9	4655.7
#2	66263.	21053.	1817.2	4638.8

Zoom In Zoom Out

Sample Name: ja59206-17f Acquired: 11/3/2010 14:11:21 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.6748	-.0004	-.0011	-.0012	.0076	.0055	.7236	.0044	-.0001	.0084
Stddev	.0007	.0000	.0009	.0005	.0016	.0007	.0023	.0014	.0009	.0008
%RSD	.1050	.2321	86.92	41.08	21.38	13.32	.3171	31.77	671.9	9.805
#1	.6753	-.0004	-.0004	-.0015	.0087	.0060	.7220	.0034	-.0008	.0090
#2	.6743	-.0004	-.0017	-.0008	.0064	.0050	.7252	.0054	.0005	.0078

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0403	.0021	.0031	-.0021	-.0001	-.0033	.0056	217.2	2.694	583.5
Stddev	.0001	.0028	.0068	.0069	.0033	.0023	.0082	1.0	.018	1.5
%RSD	.1443	132.4	221.1	334.9	4512.	71.96	147.5	.4580	.6675	.2639
#1	.0402	.0001	.0079	-.0069	.0023	-.0049	.0114	216.5	2.682	582.4
#2	.0403	.0040	-.0017	.0028	-.0024	-.0016	-.0002	217.9	2.707	584.5

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	151.5	3403.	2.700	.0262	-.0061	21.89	-.0033	3.997	.0047	-.0076
Stddev	.1	9.	.004	.0003	.0007	.03	.0009	.003	.0002	.0011
%RSD	.0390	.2705	.1605	1.258	11.75	.1441	27.63	.0815	3.945	14.43
#1	151.6	3396.	2.697	.0260	-.0056	21.87	-.0039	3.995	.0046	-.0083
#2	151.5	3410.	2.703	.0265	-.0066	21.92	-.0026	3.999	.0049	-.0068

Elem	Zr3391
Avg	-.0082
Stddev	.0007
%RSD	8.706
#1	-.0077
#2	-.0087

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	69833.	21745.	1961.9	4856.8
Stddev	120.	10.	1.3	.3
%RSD	.17144	.04725	.06690	.00653
#1	69917.	21752.	1962.8	4857.0
#2	69748.	21737.	1960.9	4856.6

Zoom In Zoom Out

Sample Name: mp55455-mb1 2 Acquired: 11/3/2010 14:17:26 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	-.0001	-.0001	.0000	-.0003	-.0004	.0005	.0000	.0002	-.0005	.0001
Stddev	.0001	.0000	.0000	.0001	.0002	.0002	.0000	.0001	.0000	.0000
%RSD	130.2	13.04	522.2	23.12	59.47	32.54	9.179	32.13	5.206	6.818
#1	.0000	-.0001	.0000	-.0002	-.0002	.0006	.0000	.0001	-.0004	.0001
#2	-.0002	-.0001	.0000	-.0003	-.0005	.0004	.0000	.0002	-.0005	.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0023	.0003	-.0009	-.0003	.0000	.0008	.0066	.0104	.0051	.0070
Stddev	.0002	.0001	.0000	.0000	.000	.0004	.0039	.0003	.0016	.0055
%RSD	7.061	46.54	1.110	12.34	846.0	48.07	59.79	2.823	32.39	78.82
#1	.0022	.0002	-.0009	-.0003	.0002	.0005	.0093	.0102	.0039	.0031
#2	.0024	.0004	-.0009	-.0002	-.0003	.0011	.0038	.0106	.0062	.0109

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0254	.1263	.0006	-.0008	.0000	.0067	.0004	.0000	-.0002	.0007
Stddev	.0042	.0022	.0001	.0000	.0007	.0003	.0004	.000	.0004	.0005
%RSD	16.64	1.780	23.43	4.552	1655.	4.642	99.49	27.43	163.5	73.49
#1	.0284	.1279	.0005	-.0008	.0005	.0069	.0001	.0000	-.0005	.0003
#2	.0224	.1247	.0007	-.0009	-.0004	.0065	.0007	.0000	.0000	.0010

Elem	Zr3391
Avg	-.0005
Stddev	.0000
%RSD	1.137
#1	-.0005
#2	-.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75529.	22473.	2159.4	6180.9
Stddev	109.	688.	1.0	8.3
%RSD	.14387	3.0598	.04725	.13352
#1	75452.	21987.	2158.7	6175.0
#2	75606.	22960.	2160.2	6186.7

Zoom In Zoom Out

Sample Name: mp55455-lc1 Acquired: 11/3/2010 14:23:29 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.5181	.5160	.5096	.5287	.5099	.4891	.5219	.5056	.2000	.4928
Stddev	.0003	.0013	.0000	.0007	.0004	.0012	.0007	.0007	.0003	.0001
%RSD	.0487	.2432	.0082	.1373	.0786	.2483	.1318	.1389	.1737	.0189
#1	.5179	.5151	.5096	.5293	.5102	.4883	.5214	.5061	.1998	.4927
#2	.5183	.5169	.5096	.5282	.5096	.4900	.5224	.5051	.2003	.4928

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5146	.5053	.4746	.4968	.5061	.5124	5.018	5.537	5.772	5.338
Stddev	.0006	.0001	.0016	.0016	.0004	.0001	.015	.026	.022	.013
%RSD	.1105	.0108	.3312	.3160	.0802	.0236	.2908	.4754	.3766	.2474
#1	.5142	.5054	.4735	.4957	.5064	.5123	5.008	5.519	5.756	5.329
#2	.5150	.5053	.4758	.4979	.5058	.5124	5.028	5.556	5.787	5.347

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	10.15	10.40	.0079	.5248	.0038	.0421	.0008	.0002	.5088	.0077
Stddev	.03	.01	.0004	.0003	.0002	.0006	.0001	.0000	.0010	.0009
%RSD	.3401	.0621	4.516	.0646	5.252	1.471	15.37	7.432	.1887	11.55
#1	10.13	10.40	.0082	.5250	.0039	.0416	.0008	.0002	.5095	.0083
#2	10.18	10.41	.0077	.5245	.0036	.0425	.0009	.0002	.5082	.0070

Elem	Zr3391
Avg	.0303
Stddev	.0011
%RSD	3.533
#1	.0310
#2	.0295

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75207.	22141.	2123.6	6010.8
Stddev	315.	81.	1.5	2.5
%RSD	.41933	.36455	.06902	.04095
#1	75430.	22198.	2122.5	6009.0
#2	74984.	22084.	2124.6	6012.5

Zoom In Zoom Out

Sample Name: mp55455-s1 Acquired: 11/3/2010 14:29:20 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.944	.0511	.0589	.4924	.2159	.2365	.4953	.4810	.0501	.4676
Stddev	.003	.0002	.0000	.0003	.0003	.0008	.0002	.0001	.0002	.0015
%RSD	.1449	.3205	.0848	.0691	.1416	.3386	.0395	.0173	.3206	.3238
#1	1.942	.0510	.0589	.4921	.2157	.2359	.4955	.4810	.0500	.4687
#2	1.946	.0512	.0588	.4926	.2161	.2371	.4952	.4811	.0502	.4666

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5066	1.903	1.778	.4647	1.900	.4887	2.451	24.64	5.323	24.02
Stddev	.0006	.002	.003	.0015	.000	.0006	.002	.01	.010	.07
%RSD	.1136	.1055	.1622	.3170	.0232	.1157	.0829	.0268	.1918	.2898
#1	.5070	1.901	1.780	.4657	1.900	.4883	2.450	24.63	5.315	24.07
#2	.5062	1.904	1.776	.4637	1.900	.4891	2.453	24.64	5.330	23.97

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	25.10	29.44	.0364	.0059	.0040	3.091	-.0005	.0055	.0071	.0024
Stddev	.01	.03	.0001	.0001	.0007	.002	.0013	.0000	.0002	.0006
%RSD	.0394	.0951	.1709	1.218	16.68	.0599	251.3	.7599	2.297	26.46
#1	25.09	29.42	.0364	.0059	.0035	3.090	.0004	.0054	.0073	.0028
#2	25.10	29.46	.0365	.0058	.0045	3.092	-.0014	.0055	.0070	.0019

Elem	Zr3391
Avg	.0047
Stddev	.0000
%RSD	.1593
#1	.0047
#2	.0047

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74194.	22107.	2099.3	5860.3
Stddev	89.	39.	3.6	.8
%RSD	.12021	.17426	.17295	.01364
#1	74131.	22079.	2101.9	5860.9
#2	74257.	22134.	2096.8	5859.8

Zoom In Zoom Out

Sample Name: mp55455-s2 Acquired: 11/3/2010 14:35:10 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.877	.0468	.0565	.4884	.2123	.2349	.4887	.4754	.0487	.4634
Stddev	.137	.0036	.0001	.0015	.0000	.0006	.0005	.0002	.0001	.0003
%RSD	7.305	7.597	.1100	.3127	.0083	.2457	.1052	.0391	.2290	.0567
#1	1.974	.0493	.0565	.4895	.2123	.2345	.4884	.4756	.0487	.4632
#2	1.780	.0443	.0564	.4874	.2123	.2354	.4891	.4753	.0488	.4636

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5060	1.896	1.775	.4617	1.896	.4853	2.366	23.65	5.117	23.08
Stddev	.0004	.001	.002	.0012	.004	.0005	.171	1.80	.383	1.76
%RSD	.0857	.0333	.1261	.2695	.1854	.1057	7.207	7.628	7.493	7.638
#1	.5063	1.895	1.774	.4626	1.898	.4856	2.486	24.92	5.388	24.33
#2	.5057	1.896	1.777	.4608	1.893	.4849	2.245	22.37	4.845	21.84

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	24.22	28.42	.0364	.0030	.0041	3.139	-.0001	.0052	.0055	.0015
Stddev	1.72	2.03	.0000	.0002	.0006	.002	.0006	.0004	.0003	.0008
%RSD	7.091	7.130	.1352	5.324	13.63	.0557	863.0	8.007	4.751	52.76
#1	25.43	29.85	.0364	.0029	.0037	3.140	-.0005	.0055	.0057	.0020
#2	23.00	26.98	.0363	.0031	.0045	3.138	.0004	.0049	.0054	.0009

Elem	Zr3391
Avg	.0048
Stddev	.0001
%RSD	1.815
#1	.0049
#2	.0048

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73878.	22716.	2093.5	5858.5
Stddev	165.	1425.	1.8	2.5
%RSD	.22400	6.2719	.08501	.04252
#1	73761.	21709.	2092.2	5856.7
#2	73995.	23723.	2094.8	5860.2

Zoom In Zoom Out

Sample Name: ja59401-2 Acquired: 11/3/2010 14:40:57 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0096	-.0001	.0008	.0000	.0238	.0024	.0077	.0015	.0000	.0088
Stddev	.0007	.0000	.0002	.000	.0001	.0001	.0000	.0003	.000	.0003
%RSD	7.231	2.967	20.26	196.1	.3262	2.774	.1802	16.47	340.9	3.603
#1	.0101	-.0001	.0007	.0000	.0237	.0023	.0077	.0017	.0000	.0086
#2	.0091	-.0001	.0009	-.0001	.0238	.0024	.0077	.0014	.0000	.0091

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0333	.0008	-.0008	.0010	.0006	.0004	.6076	.6284	4.522	.5267
Stddev	.0043	.0004	.0006	.0000	.0002	.0004	.0301	.0344	.247	.0536
%RSD	13.04	49.41	75.13	1.369	28.12	113.5	4.948	5.480	5.450	10.17
#1	.0302	.0011	-.0012	.0010	.0007	.0001	.6289	.6528	4.696	.5645
#2	.0364	.0005	-.0004	.0010	.0005	.0007	.5864	.6041	4.347	.4888

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.8064	4.386	.0194	.0004	-.0002	3.455	.0006	.0054	.0082	-.0016
Stddev	.0328	.237	.0000	.0001	.0002	.002	.0002	.0003	.0001	.0005
%RSD	4.063	5.397	.0236	17.67	143.4	.0705	30.22	5.611	.6492	33.14
#1	.8296	4.554	.0194	.0003	.0000	3.453	.0007	.0056	.0081	-.0019
#2	.7833	4.219	.0194	.0004	-.0003	3.456	.0005	.0052	.0082	-.0012

Elem	Zr3391
Avg	.0008
Stddev	.0000
%RSD	.3503
#1	.0008
#2	.0008

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75836.	22844.	2143.0	6153.5
Stddev	69.	1016.	5.4	5.3
%RSD	.09163	4.4485	.25301	.08687
#1	75885.	22125.	2146.9	6157.3
#2	75787.	23562.	2139.2	6149.8

Zoom In Zoom Out

Sample Name: mp55455-sd1 Acquired: 11/3/2010 14:46:55 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0082	-.0003	.0007	-.0009	.0209	.0006	.0071	.0022	.0014	.0086
Stddev	.0003	.0001	.0001	.0002	.0010	.0006	.0001	.0006	.0009	.0008
%RSD	3.402	28.51	11.47	25.54	4.552	105.1	1.734	27.14	63.90	9.561
#1	.0080	-.0003	.0008	-.0011	.0203	.0002	.0071	.0026	.0020	.0092
#2	.0084	-.0004	.0007	-.0007	.0216	.0011	.0072	.0017	.0007	.0080

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0707	.0023	.0001	.0012	-.0004	.0005	.5904	.6341	4.306	.5893
Stddev	.0001	.0003	.0017	.0016	.0002	.0014	.0216	.0074	.025	.0686
%RSD	.0976	14.43	1506.	137.6	39.66	295.4	3.663	1.160	.5896	11.63
#1	.0707	.0026	-.0011	.0023	-.0003	-.0005	.6057	.6289	4.324	.5408
#2	.0706	.0021	.0013	.0000	-.0006	.0014	.5751	.6393	4.288	.6378

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.7151	4.264	.0050	-.0103	.0012	3.204	.0005	.0050	.0075	-.0216
Stddev	.0355	.024	.0011	.0004	.0030	.008	.0008	.0000	.0010	.0016
%RSD	4.965	.5668	22.27	3.499	248.1	.2358	175.2	.1058	13.83	7.579
#1	.6900	4.281	.0058	-.0100	.0033	3.209	.0010	.0050	.0068	-.0205
#2	.7402	4.247	.0042	-.0105	-.0009	3.198	-.0001	.0050	.0083	-.0228

Elem	Zr3391
Avg	-.0029
Stddev	.0004
%RSD	13.31
#1	-.0031
#2	-.0026

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79662.	23266.	2255.0	6156.5
Stddev	278.	82.	1.6	2.6
%RSD	.34860	.35153	.06962	.04150
#1	79466.	23324.	2256.1	6158.3
#2	79859.	23208.	2253.9	6154.7

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 14:52:58 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.991	1.966	1.978	2.000	1.934	1.933	1.972	1.960	.2439	1.983
Stddev	.001	.001	.003	.003	.002	.004	.002	.001	.0008	.002
%RSD	.0723	.0316	.1529	.1644	.0877	.2353	.1091	.0568	.3200	.0915
#1	1.990	1.967	1.976	1.998	1.935	1.929	1.971	1.959	.2434	1.982
#2	1:992	1.966	1.980	2.002	1.933	1.936	1.974	1.961	.2445	1.984
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.958	1.979	1.973	1.955	2.002	1.999	38.53	38.37	39.27	38.13
Stddev	.003	.003	.003	.002	.001	.001	.00	.06	.03	.07
%RSD	.1270	.1630	.1255	.0807	.0294	.0478	.0028	.1435	.0701	.1755
#1	1.956	1.976	1.972	1.954	2.003	2.000	38.53	38.41	39.29	38.18
#2	1.959	1.981	1.975	1.956	2.002	1.998	38.53	38.33	39.25	38.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.78	39.70	2.012	1.978	1.946	5.035	2.001	2.020	1.935	1.818
Stddev	.01	.10	.004	.008	.006	.004	.001	.002	.002	.012
%RSD	.0209	.2540	.2122	.4123	.3219	.0811	.0368	.1152	.0804	.6814
#1	38.79	39.63	2.009	1.973	1.941	5.033	2.000	2.018	1.936	1.809
#2	38.78	39.77	2.015	1.984	1.950	5.038	2.001	2.022	1.934	1.826
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 14:52:58 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.941
Stddev	.006
%RSD	.3217
#1	1.937
#2	1.946
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73562.	21887.	2074.3	5630.2
Stddev	248.	75.	4.4	11.2
%RSD	.33711	.34370	.21290	.19948
#1	73738.	21833.	2077.4	5638.2
#2	73387.	21940.	2071.1	5622.3

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 14:58:47 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0003	.0001	-.0001	.0003	.0004	.0005	.0001	-.0002
Stddev	.0001	.0000	.0000	.0002	.0001	.0001	.0001	.0001	.0003
%RSD	33.00	1.323	21.57	317.3	32.57	32.07	14.88	126.3	231.0
#1	.0003	.0003	.0002	.0001	.0003	.0005	.0005	.0000	-.0004
#2	.0002	.0003	.0001	-.0002	.0002	.0003	.0004	.0001	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0002	.0008	.0007	-.0002	.0000	.0004	.0102	.0056
Stddev	.0002	.0000	.0000	.0003	.0001	.0009	.0004	.0001	.0020
%RSD	30.39	.1794	1.797	43.67	56.66	2762.	102.0	.5147	35.64
#1	.0006	.0002	.0008	.0010	-.0001	-.0006	.0007	.0101	.0071
#2	.0009	.0002	.0008	.0005	-.0003	.0006	.0001	.0102	.0042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085	.0115	.0078	.0145	.0008	F.0024	.0002	.0019	.0002
Stddev	.0002	.0097	.0107	.0017	.0003	.0008	.0003	.0000	.0000
%RSD	2.640	84.50	137.4	11.58	32.18	33.52	127.1	1.144	9.902
#1	.0084	.0183	.0154	.0133	.0010	.0029	.0005	.0019	.0002
#2	.0087	.0046	.0002	.0157	.0006	.0018	.0000	.0019	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0020			
Low Limit						-.0020			

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 14:58:47 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0003	.0004	.0069	.0003
Stddev	.0001	.0001	.0011	.0001
%RSD	24.70	34.03	15.76	19.99
#1	.0004	.0005	.0077	.0004
#2	.0003	.0003	.0061	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75740.	22068.	2156.8	6139.8
Stddev	183.	26.	2.0	5.7
%RSD	.24150	.11598	.09404	.09323
#1	75611.	22050.	2158.2	6135.7
#2	75870.	22086.	2155.3	6143.8

Zoom In Zoom Out

Sample Name: mp55455-s3 Acquired: 11/3/2010 15:04:50 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.977	.0487	.0571	.4984	.2066	.2347	.4952	.4850	.0497	.4659
Stddev	.000	.0001	.0000	.0004	.0018	.0013	.0008	.0011	.0002	.0001
%RSD	.0214	.1233	.0451	.0771	.8581	.5618	.1637	.2213	.4519	.0173
#1	1.977	.0487	.0571	.4987	.2053	.2337	.4946	.4857	.0496	.4660
#2	1.977	.0486	.0570	.4981	.2079	.2356	.4957	.4842	.0499	.4659

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5098	1.930	1.798	.4688	1.937	.4962	2.132	24.49	4.633	24.06
Stddev	.0016	.001	.003	.0017	.004	.0001	.001	.01	.009	.03
%RSD	.3077	.0505	.1385	.3712	.1799	.0249	.0342	.0519	.1836	.1275
#1	.5109	1.930	1.800	.4700	1.939	.4961	2.132	24.48	4.639	24.03
#2	.5087	1.929	1.797	.4676	1.934	.4963	2.131	24.50	4.627	24.08

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	25.25	30.02	.0361	.0041	.0022	2.809	-.0002	.0052	.0013	.0136
Stddev	.05	.10	.0003	.0002	.0004	.005	.0004	.0000	.0003	.0010
%RSD	.1966	.3219	.9316	4.507	17.10	.1753	163.9	.8057	21.74	7.587
#1	25.21	29.95	.0359	.0043	.0020	2.812	.0000	.0052	.0014	.0144
#2	25.28	30.09	.0364	.0040	.0025	2.805	-.0005	.0052	.0011	.0129

Elem	Zr3391
Avg	.0207
Stddev	.0003
%RSD	1.547
#1	.0209
#2	.0205

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74280.	22119.	2072.2	5808.0
Stddev	245.	48.	2.6	8.5
%RSD	.32995	.21516	.12689	.14673
#1	74453.	22152.	2074.0	5814.0
#2	74106.	22085.	2070.3	5802.0

Zoom In Zoom Out

Sample Name: mp55455-s4 Acquired: 11/3/2010 15:10:38 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.916	.0474	.0574	.4789	.2039	.2285	.4881	.4697	.0487	.4661
Stddev	.064	.0016	.0015	.0012	.0000	.0022	.0004	.0045	.0001	.0067
%RSD	3.357	3.422	2.580	.2589	.0079	.9637	.0741	.9682	.2725	1.435
#1	1.870	.0462	.0564	.4798	.2039	.2301	.4883	.4665	.0486	.4614
#2	1.961	.0485	.0585	.4781	.2039	.2270	.4878	.4729	.0488	.4709

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5014	1.824	2.064	.4579	1.914	.5534	2.078	23.85	4.532	23.43
Stddev	.0144	.002	.283	.0173	.050	.0601	.072	.87	.168	.85
%RSD	2.865	.1234	13.71	3.768	2.610	10.85	3.472	3.630	3.700	3.631
#1	.4912	1.826	1.864	.4457	1.879	.5109	2.027	23.24	4.414	22.82
#2	.5115	1.822	2.264	.4701	1.950	.5959	2.129	24.47	4.651	24.03

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	24.56	29.17	4.650	1.175	.0029	2.895	-.0399	.0051	.0000	.0262
Stddev	.83	.94	3.581	.909	.0002	.087	.0250	.0002	.001	.0218
%RSD	3.391	3.207	77.01	77.43	7.690	3.017	62.77	3.374	1978.	83.21
#1	23.97	28.51	2.118	.5314	.0030	2.833	-.0222	.0050	.0004	.0108
#2	25.15	29.83	7.182	1.818	.0027	2.956	-.0576	.0053	-.0004	.0416

Elem	Zr3391
Avg	.0139
Stddev	.0000
%RSD	.2945
#1	.0139
#2	.0138

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72421.	22471.	1821.0	5170.7
Stddev	907.	665.	58.7	163.6
%RSD	1.2520	2.9590	3.2236	3.1633
#1	73062.	22941.	1862.5	5286.4
#2	71780.	22001.	1779.5	5055.1

Zoom In Zoom Out

Sample Name: ja59401-2f Acquired: 11/3/2010 15:16:23 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0091	.0000	.0002	.0001	.0146	.0004	.0072	.0016	.0001	.0037
Stddev	.0001	.000	.0001	.0001	.0003	.0003	.0003	.0000	.0002	.0000
%RSD	1.242	41.45	42.41	63.16	1.777	68.92	4.422	1.564	445.9	1.212
#1	.0090	.0000	.0002	.0001	.0147	.0007	.0074	.0016	-.0001	.0037
#2	.0092	-.0001	.0003	.0002	.0144	.0002	.0069	.0016	.0002	.0038

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0489	.0005	.0007	.0005	.0016	.0002	.2275	.6297	3.786	.5069
Stddev	.0032	.0005	.0001	.0003	.0002	.0004	.0005	.0002	.010	.0018
%RSD	6.559	100.8	16.43	59.13	9.565	237.2	.2087	.0238	.2707	.3570
#1	.0467	.0001	.0007	.0003	.0017	-.0001	.2278	.6298	3.793	.5081
#2	.0512	.0009	.0006	.0008	.0015	.0005	.2272	.6296	3.778	.5056

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.6974	4.661	.0178	-.0007	-.0005	2.828	.0002	.0056	.0003	.0046
Stddev	.0021	.004	.0002	.0001	.0009	.002	.0001	.0000	.0001	.0002
%RSD	.2991	.0901	1.053	12.64	172.0	.0707	27.30	.3920	23.26	4.574
#1	.6989	4.664	.0179	-.0006	.0001	2.827	.0002	.0056	.0003	.0047
#2	.6959	4.658	.0177	-.0008	-.0011	2.829	.0003	.0056	.0002	.0044

Elem	Zr3391
Avg	.0012
Stddev	.0001
%RSD	6.631
#1	.0012
#2	.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77509.	22208.	2144.6	6152.4
Stddev	2270.	125.	2.5	11.0
%RSD	2.9285	.56364	.11572	.17916
#1	75904.	22119.	2146.4	6160.2
#2	79114.	22296.	2142.9	6144.6

Zoom In Zoom Out

Sample Name: mp55455-sd2 Acquired: 11/3/2010 15:22:23 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0085	-.0004	.0001	-.0003	.0122	.0002	.0067	.0021	.0005	.0038
Stddev	.0004	.0002	.0002	.0003	.0019	.0001	.0001	.0004	.0001	.0007
%RSD	4.120	61.90	243.8	89.79	15.87	33.51	2.153	19.02	25.91	17.48
#1	.0083	-.0002	-.0001	-.0001	.0135	.0003	.0068	.0018	.0006	.0033
#2	.0088	-.0005	.0003	-.0005	.0108	.0002	.0066	.0023	.0004	.0042

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0779	.0011	-.0012	.0014	.0002	.0000	.2494	.7182	3.655	.5920
Stddev	.0004	.0011	.0015	.0024	.0034	.001	.0136	.0166	.030	.0060
%RSD	.5371	93.17	119.9	171.8	1822.	7758.	5.446	2.307	.8269	1.017
#1	.0776	.0004	-.0002	.0031	.0026	-.0010	.2398	.7065	3.633	.5877
#2	.0782	.0019	-.0023	-.0003	-.0022	.0009	.2590	.7299	3.676	.5962

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.5827	4.526	.0040	-.0119	-.0017	2.699	.0004	.0056	-.0003	-.0141
Stddev	.0323	.059	.0008	.0003	.0022	.002	.0012	.0000	.0010	.0014
%RSD	5.544	1.305	19.21	2.273	127.7	.0867	287.4	.8661	301.0	10.30
#1	.6056	4.484	.0035	-.0121	-.0002	2.700	.0012	.0055	-.0011	-.0151
#2	.5599	4.567	.0046	-.0117	-.0032	2.697	-.0004	.0056	.0004	-.0130

Elem	Zr3391
Avg	-.0010
Stddev	.0001
%RSD	6.734
#1	-.0009
#2	-.0010

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79717.	23154.	2265.0	6189.6
Stddev	146.	350.	5.9	9.3
%RSD	.18357	1.5131	.25975	.14964
#1	79614.	23401.	2269.2	6196.2
#2	79821.	22906.	2260.9	6183.1

◄ Zoom In ►
Zoom Out

Sample Name: ja59401-1 Acquired: 11/3/2010 15:28:23 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0008	-.0001	.0013	-.0002	.0050	.0035	.0019	.0014	.0001	.0014
Stddev	.0001	.0000	.0001	.0001	.0001	.0000	.0000	.0000	.0000	.0001
%RSD	10.11	8.733	4.181	54.54	2.579	1.403	.0978	.1068	13.04	5.641
#1	.0009	-.0001	.0013	-.0001	.0049	.0035	.0019	.0014	.0001	.0014
#2	.0008	-.0001	.0013	-.0003	.0051	.0035	.0019	.0014	.0001	.0015

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0187	-.0001	-.0021	.0012	.0059	.0000	.3257	49.85	.4072	53.79
Stddev	.0001	.0004	.0001	.0010	.0003	.0000	.0010	.22	.0029	.18
%RSD	.2784	702.1	4.838	84.23	5.184	57.71	.2990	.4460	.7025	.3339
#1	.0187	-.0003	-.0020	.0005	.0061	.0000	.3264	50.00	.4092	53.92
#2	.0186	.0002	-.0021	.0019	.0056	.0001	.3250	49.69	.4052	53.66

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.2558	1.834	.0564	.0024	-.0013	.5490	.0001	.0413	.0014	-.0021
Stddev	.0051	.006	.0006	.0001	.0002	.0011	.0002	.0003	.0002	.0004
%RSD	1.982	.3177	1.093	5.018	15.71	.1987	192.8	.6073	13.18	20.68
#1	.2594	1.830	.0569	.0025	-.0012	.5498	.0000	.0411	.0015	-.0024
#2	.2522	1.839	.0560	.0023	-.0015	.5483	.0003	.0415	.0013	-.0018

Elem	Zr3391
Avg	.0023
Stddev	.0000
%RSD	.4232
#1	.0023
#2	.0023

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74513.	21985.	2057.7	5822.3
Stddev	204.	36.	2.4	7.2
%RSD	.27327	.16291	.11762	.12324
#1	74657.	21960.	2059.4	5827.4
#2	74369.	22010.	2056.0	5817.3

◄ Zoom In ►
Zoom Out

Sample Name: ja59401-3 Acquired: 11/3/2010 15:34:24 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0380	.0000	.0013	.0011	.0663	.0483	.0205	.0045	.0013	.0671
Stddev	.0002	.0000	.0001	.0001	.0012	.0006	.0003	.0004	.0001	.0008
%RSD	.4460	6.667	8.905	10.63	1.784	1.204	1.521	8.825	7.086	1.201
#1	.0378	.0000	.0012	.0010	.0671	.0488	.0207	.0048	.0014	.0677
#2	.0381	.0000	.0014	.0012	.0655	.0479	.0203	.0042	.0013	.0665

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.1677	.0096	-.0010	.0189	.0033	.0001	6.510	2.775	28.54	2.155
Stddev	.0002	.0009	.0002	.0001	.0008	.0003	.015	.008	.00	.002
%RSD	.1321	9.233	23.77	.4460	24.06	454.8	.2366	.2925	.0151	.0836
#1	.1678	.0103	-.0011	.0188	.0027	.0003	6.521	2.781	28.54	2.153
#2	.1675	.0090	-.0008	.0190	.0038	-.0002	6.499	2.769	28.54	2.156

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.6482	2.814	.0280	.0000	-.0012	5.124	.0002	.0131	.0178	-.0028
Stddev	.0058	.000	.0002	.000	.0008	.020	.0001	.0001	.0002	.0004
%RSD	.9015	.0022	.6574	19800.	65.07	.3984	68.61	.8312	1.337	12.97
#1	.6440	2.814	.0278	-.0001	-.0006	5.109	.0001	.0130	.0180	-.0025
#2	.6523	2.814	.0281	.0001	-.0017	5.138	.0002	.0131	.0177	-.0030

Elem	Zr3391
Avg	.0139
Stddev	.0000
%RSD	.1835
#1	.0139
#2	.0139

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76400.	22442.	2145.0	6106.7
Stddev	570.	33.	9.7	12.6
%RSD	.74569	.14524	.45296	.20584
#1	75997.	22465.	2151.9	6115.6
#2	76802.	22418.	2138.1	6097.9

◄ Zoom In ►
Zoom Out

Sample Name: ja59401-4 Acquired: 11/3/2010 15:40:21 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0611	.0002	.0005	.0016	.0705	.0009	.2405	.0038	-.0004	.0007
Stddev	.0002	.0000	.0001	.0000	.0004	.0002	.0009	.0001	.0001	.0002
%RSD	.3086	6.726	12.86	.9360	.5939	16.50	.3552	3.775	29.57	27.55
#1	.0609	.0002	.0006	.0016	.0708	.0008	.2399	.0039	-.0005	.0005
#2	.0612	.0002	.0005	.0016	.0702	.0010	.2411	.0037	-.0003	.0008

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0142	.0015	-.0011	.0083	.0005	.0002	13.01	10.21	.5938	3.544
Stddev	.0002	.0003	.0003	.0007	.0006	.0004	.03	.00	.0044	.002
%RSD	1.248	16.95	24.34	8.747	113.4	257.1	.2481	.0385	.7438	.0558
#1	.0143	.0017	-.0009	.0078	.0001	.0004	12.99	10.20	.5907	3.545
#2	.0141	.0013	-.0013	.0088	.0010	-.0001	13.03	10.21	.5969	3.542

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.486	10.67	.0649	-.0007	-.0028	3.340	-.0002	.0971	.0002	-.0030
Stddev	.009	.02	.0000	.0001	.0003	.012	.0008	.0004	.0005	.0004
%RSD	.3708	.2301	.0239	18.52	9.867	.3667	462.7	.4321	277.7	14.45
#1	2.480	10.66	.0649	-.0006	-.0026	3.332	.0004	.0968	.0005	-.0033
#2	2.493	10.69	.0649	-.0008	-.0030	3.349	-.0007	.0974	-.0002	-.0027

Elem	Zr3391
Avg	.0024
Stddev	.0001
%RSD	2.673
#1	.0023
#2	.0024

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78840.	23347.	2229.1	6008.6
Stddev	447.	39.	12.8	24.7
%RSD	.56685	.16621	.57364	.41040
#1	78524.	23375.	2238.1	6026.1
#2	79156.	23320.	2220.1	5991.2

◄ Zoom In ►
Zoom Out

Sample Name: mp55477-mb1 2 Acquired: 11/3/2010 15:46:21 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0000	-.0001	.0000	-.0003	-.0004	.0003	.0000	.0001	.0000	.0001
Stddev	.000	.0000	.0000	.0001	.0000	.0000	.0000	.0001	.0000	.0001
%RSD	147.3	21.52	129.0	35.90	8.122	12.03	6.490	76.51	229.6	43.62
#1	.0000	-.0001	.0000	-.0004	-.0004	.0003	.0000	.0002	.0000	.0002
#2	-.0001	-.0001	.0001	-.0002	-.0004	.0003	.0000	.0001	.0001	.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0009	-.0007	-.0012	-.0004	.0000	-.0005	.0110	.0012	.0078	-.0040
Stddev	.0001	.0003	.0006	.0006	.001	.0002	.0010	.0006	.0004	.0069
%RSD	13.60	45.31	50.26	155.9	2149.	46.35	8.693	46.78	5.029	172.6
#1	.0009	-.0010	-.0016	-.0008	.0006	-.0003	.0117	.0016	.0081	-.0089
#2	.0010	-.0005	-.0008	.0000	-.0007	-.0006	.0104	.0008	.0075	.0009

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0162	.0005	-.0001	-.0013	-.0003	.0054	.0027	-.0001	.0001	-.0032
Stddev	.0015	.0000	.0007	.0000	.0008	.0010	.0001	.0000	.0000	.0003
%RSD	9.091	4.456	611.9	3.191	299.2	18.42	5.196	27.13	28.38	9.264
#1	-.0151	.0005	-.0006	-.0013	-.0008	.0047	.0028	-.0001	.0001	-.0030
#2	-.0172	.0005	.0004	-.0012	.0003	.0062	.0026	-.0001	.0001	-.0035

Elem	Zr3391
Avg	-.0002
Stddev	.0000
%RSD	8.423
#1	-.0002
#2	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75779.	22262.	2125.8	6119.2
Stddev	206.	112.	.4	3.9
%RSD	.27120	.50428	.01826	.06320
#1	75634.	22182.	2126.0	6122.0
#2	75924.	22341.	2125.5	6116.5

Zoom In Zoom Out

Sample Name: mp55477-lc1 Acquired: 11/3/2010 15:52:25 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.5153	.5074	.4903	.5079	.4848	.4672	.4972	.4847	.1907	.4697
Stddev	.0055	.0036	.0007	.0010	.0049	.0017	.0037	.0005	.0002	.0031
%RSD	1.067	.7011	.1361	.1901	1.009	.3585	.7527	.1102	.1273	.6630
#1	.5114	.5048	.4907	.5086	.4813	.4660	.4945	.4851	.1905	.4675
#2	.5192	.5099	.4898	.5073	.4883	.4684	.4998	.4843	.1909	.4719

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4895	.4858	.4554	.4738	.4890	.4947	4.947	5.376	5.667	5.166
Stddev	.0001	.0018	.0019	.0017	.0041	.0002	.032	.045	.040	.052
%RSD	.0286	.3790	.4110	.3631	.8381	.0448	.6460	.8301	.6983	1.012
#1	.4894	.4871	.4568	.4750	.4919	.4949	4.924	5.344	5.639	5.129
#2	.4896	.4845	.4541	.4726	.4861	.4946	4.969	5.407	5.695	5.203

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	9.963	10.38	.0101	.5030	.0008	.0720	.0037	.0003	.4829	.0022
Stddev	.086	.09	.0001	.0006	.0002	.0007	.0002	.0000	.0038	.0002
%RSD	.8641	.8736	.5544	.1183	23.06	.9170	5.748	2.574	.7907	10.23
#1	9.902	10.31	.0101	.5034	.0009	.0716	.0035	.0003	.4802	.0023
#2	10.02	10.44	.0101	.5025	.0006	.0725	.0038	.0003	.4856	.0020

Elem	Zr3391
Avg	.0444
Stddev	.0022
%RSD	5.068
#1	.0460
#2	.0428

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75075.	21701.	2103.0	5970.4
Stddev	125.	131.	2.4	6.2
%RSD	.16605	.60563	.11249	.10319
#1	75164.	21794.	2101.3	5966.1
#2	74987.	21608.	2104.7	5974.8

Zoom In Zoom Out

Sample Name: ja60450-1f Acquired: 11/3/2010 15:58:15 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.138	.0000	.0001	-.0006	.0011	.0013	.0024	.0041	.0001	.0008
Stddev	.009	.000	.0001	.0000	.0006	.0002	.0001	.0001	.0003	.0001
%RSD	.7502	37.88	104.2	6.689	48.96	14.17	3.655	2.613	547.9	16.36
#1	1.144	-.0001	.0001	-.0006	.0007	.0014	.0025	.0042	-.0002	.0008
#2	1.132	.0000	.0000	-.0007	.0015	.0012	.0024	.0040	.0003	.0009

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0231	.0002	.0002	.0004	.0002	.0000	-.0056	124.5	.0242	43.11
Stddev	.0002	.0007	.0006	.0006	.0008	.0008	.0043	.7	.0018	.30
%RSD	.6662	327.1	387.2	140.3	485.1	21410.	77.49	.5936	7.558	.6909
#1	.0230	-.0003	.0006	.0008	-.0004	-.0005	-.0087	125.0	.0255	43.33
#2	.0232	.0007	-.0003	.0000	.0007	.0005	-.0025	123.9	.0229	42.90

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.547	20.22	.0454	.0036	-.0041	7.234	.0018	.2609	.0005	.0180
Stddev	.056	.18	.0002	.0000	.0000	.006	.0005	.0020	.0000	.0005
%RSD	.8495	.8804	.5239	.3266	.1511	.0875	25.88	.7614	10.47	2.831
#1	6.587	20.34	.0456	.0036	-.0041	7.229	.0021	.2623	.0005	.0176
#2	6.508	20.09	.0453	.0036	-.0041	7.238	.0014	.2595	.0004	.0183

Elem	Zr3391
Avg	-.0029
Stddev	.0000
%RSD	.8578
#1	-.0029
#2	-.0029

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72781.	21555.	2013.4	5605.3
Stddev	6.	26.	1.2	2.1
%RSD	.00839	.12254	.05988	.03820
#1	72777.	21536.	2012.6	5603.7
#2	72786.	21574.	2014.3	5606.8

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 16:04:16 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.012	1.973	1.991	2.006	1.934	1.936	1.989	1.972	.2472	1.998
Stddev	.001	.000	.001	.002	.003	.001	.003	.002	.0006	.001
%RSD	.0717	.0116	.0395	.0749	.1731	.0375	.1250	.0822	.2603	.0665
#1	2.011	1.973	1.991	2.007	1.932	1.936	1.987	1.973	.2477	1.997
#2	2.013	1.972	1.990	2.005	1.936	1.937	1.991	1.971	.2468	1.999
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.959	1.981	1.979	1.964	2.010	2.013	38.58	38.31	39.54	38.26
Stddev	.004	.001	.001	.003	.001	.001	.01	.11	.06	.07
%RSD	.2239	.0648	.0641	.1426	.0394	.0321	.0149	.2798	.1586	.1813
#1	1.963	1.980	1.979	1.966	2.011	2.012	38.58	38.23	39.50	38.21
#2	1.956	1.982	1.978	1.962	2.010	2.013	38.57	38.38	39.59	38.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.84	40.12	2.017	1.985	1.955	5.054	2.012	2.046	1.937	1.812
Stddev	.06	.03	.000	.003	.003	.003	.002	.001	.005	.015
%RSD	.1495	.0657	.0182	.1407	.1647	.0547	.0744	.0296	.2737	.8434
#1	38.88	40.10	2.017	1.983	1.957	5.052	2.013	2.046	1.933	1.802
#2	38.80	40.14	2.017	1.987	1.953	5.056	2.011	2.047	1.941	1.823
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 16:04:16 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.960
Stddev	.004
%RSD	.2134
#1	1.957
#2	1.963
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73430.	21846.	2073.4	5614.5
Stddev	74.	53.	1.8	3.4
%RSD	.10068	.24377	.08906	.06057
#1	73378.	21883.	2074.7	5616.9
#2	73482.	21808.	2072.1	5612.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 16:10:05 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0001	.0001	.0001	-.0001	.0001	.0001	.0002	.0002
Stddev	.0000	.0000	.0001	.0002	.0002	.0001	.0000	.0002	.0004
%RSD	204.8	16.40	85.22	428.8	143.0	224.8	2.594	112.2	180.3
#1	.0000	.0001	.0002	.0002	.0000	.0002	.0001	.0003	.0005
#2	.0000	.0001	.0001	-.0001	-.0002	.0000	.0001	.0000	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0002	.0001	.0001	-.0001	-.0007	.0002	.0093	-.0001
Stddev	.0001	.0000	.0010	.0006	.0008	.0003	.0005	.0024	.0005
%RSD	40.47	20.85	765.1	706.2	681.2	36.46	181.9	25.57	321.0
#1	.0002	.0002	.0009	-.0003	-.0007	-.0005	.0006	.0076	.0002
#2	.0004	.0002	-.0006	.0005	.0004	-.0009	-.0001	.0109	-.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048	.0093	.0095	.0031	.0005	F.0021	.0004	.0012	.0007
Stddev	.0003	.0012	.0027	.0013	.0003	.0008	.0001	.0000	.0003
%RSD	6.773	12.93	28.67	40.78	62.90	36.87	36.26	3.374	45.16
#1	.0045	.0102	.0076	.0022	.0007	.0027	.0005	.0011	.0004
#2	.0050	.0085	.0114	.0040	.0003	.0016	.0003	.0012	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0020			
Low Limit						-.0020			

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 16:10:05 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0001	.0001	.0044	.0004
Stddev	.0000	.0003	.0007	.0002
%RSD	.6121	201.1	15.60	39.12
#1	.0001	-.0001	.0049	.0003
#2	.0001	.0003	.0039	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75909.	22060.	2154.2	6147.0
Stddev	14.	10.	8.7	17.7
%RSD	.01864	.04331	.40231	.28768
#1	75899.	22067.	2148.1	6134.5
#2	75919.	22053.	2160.3	6159.5

Zoom In Zoom Out

Sample Name: ja60450-2f Acquired: 11/3/2010 16:16:09 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.537	.0000	.0002	-.0007	.0010	.0008	.0008	.0017	.0002	.0010
Stddev	.010	.000	.0000	.0001	.0001	.0003	.0000	.0001	.0001	.0004
%RSD	.6241	71.99	27.80	18.21	11.69	40.68	2.399	7.341	60.76	46.46
#1	1.530	.0000	.0001	-.0008	.0011	.0006	.0008	.0018	.0001	.0013
#2	1.544	.0000	.0002	-.0006	.0010	.0010	.0008	.0016	.0002	.0006

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0093	.0014	.0017	.0003	.0007	-.0003	-.0022	136.0	.0096	37.46
Stddev	.0001	.0005	.0009	.0004	.0011	.0006	.0058	.7	.0000	.16
%RSD	.5431	31.72	53.78	115.5	161.2	182.9	260.0	.5467	.0398	.4242
#1	.0093	.0011	.0023	.0006	-.0001	-.0007	.0019	135.5	.0096	37.35
#2	.0094	.0017	.0010	.0001	.0015	.0001	-.0064	136.5	.0096	37.58

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.577	20.06	.0432	.0046	-.0053	6.793	.0014	.1757	.0008	.0487
Stddev	.005	.17	.0001	.0001	.0004	.003	.0003	.0013	.0001	.0023
%RSD	.1959	.8244	.1185	2.479	7.606	.0426	22.62	.7358	8.241	4.749
#1	2.574	19.94	.0432	.0047	-.0051	6.795	.0012	.1748	.0008	.0471
#2	2.581	20.17	.0431	.0046	-.0056	6.791	.0017	.1766	.0009	.0503

Elem	Zr3391
Avg	-.0005
Stddev	.0001
%RSD	29.06
#1	-.0006
#2	-.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72710.	21622.	2012.2	5617.9
Stddev	209.	91.	2.4	5.7
%RSD	.28700	.41858	.11698	.10205
#1	72858.	21686.	2010.5	5613.8
#2	72562.	21558.	2013.9	5621.9

Zoom In Zoom Out

Sample Name: ja60450-3f Acquired: 11/3/2010 16:22:08 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.554	.0000	-.0001	-.0007	.0021	.0007	.0240	.0013	-.0001	.0010
Stddev	.020	.000	.0001	.0001	.0002	.0001	.0000	.0004	.0000	.0003
%RSD	1.308	23.71	60.61	11.77	10.22	16.18	.1739	28.01	33.70	31.65
#1	1.569	.0000	-.0001	-.0007	.0019	.0007	.0240	.0010	-.0001	.0008
#2	1.540	.0000	-.0001	-.0006	.0022	.0008	.0241	.0015	-.0001	.0013

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.2555	.0013	.0000	.0007	.0015	-.0001	.0146	188.5	.0224	45.48
Stddev	.0001	.0004	.000	.0010	.0005	.0005	.0050	2.1	.0002	.55
%RSD	.0484	28.28	6089.	148.6	32.07	648.0	33.98	1.111	.9610	1.212
#1	.2554	.0016	-.0003	.0014	.0011	-.0004	.0111	190.0	.0225	45.87
#2	.2556	.0011	.0003	.0000	.0018	.0003	.0182	187.0	.0222	45.09

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	4.407	42.17	.0638	.0033	-.0053	7.133	.0003	.3547	.0013	.0052
Stddev	.047	.53	.0002	.0000	.0007	.023	.0002	.0049	.0004	.0006
%RSD	1.065	1.247	.3865	1.524	13.53	.3250	46.23	1.383	27.55	10.94
#1	4.440	42.54	.0636	.0033	-.0058	7.116	.0005	.3581	.0016	.0056
#2	4.374	41.79	.0640	.0032	-.0048	7.149	.0002	.3512	.0011	.0048

Elem	Zr3391
Avg	-.0012
Stddev	.0000
%RSD	.3141
#1	-.0012
#2	-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72011.	21230.	1978.7	5471.3
Stddev	124.	204.	7.7	7.2
%RSD	.17254	.95893	.38742	.13122
#1	71923.	21086.	1984.2	5476.4
#2	72099.	21374.	1973.3	5466.2

Zoom In Zoom Out

Sample Name: ja60450-4f Acquired: 11/3/2010 16:28:06 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.513	.0000	-.0002	-.0009	.0021	.0010	.0235	.0012	.0003	.0010
Stddev	.011	.000	.0000	.0000	.0003	.0001	.0000	.0004	.0004	.0001
%RSD	.7447	24.88	17.79	4.640	14.20	5.484	.0400	31.45	104.0	9.547
#1	1.521	.0000	-.0003	-.0009	.0023	.0010	.0235	.0009	.0001	.0009
#2	1.505	.0000	-.0002	-.0009	.0019	.0009	.0235	.0014	.0006	.0010

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.2698	.0001	-.0002	-.0002	.0010	-.0004	.0107	183.1	.0222	44.08
Stddev	.0012	.0001	.0002	.0001	.0005	.0002	.0071	1.8	.0004	.51
%RSD	.4360	111.2	96.08	62.89	51.33	39.05	65.93	.9682	1.924	1.163
#1	.2707	.0002	-.0001	-.0003	.0006	-.0005	.0158	184.4	.0225	44.45
#2	.2690	.0000	-.0003	-.0001	.0013	-.0003	.0057	181.9	.0219	43.72

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	4.295	41.09	.0633	.0031	-.0044	7.000	.0006	.3447	.0012	-.0014
Stddev	.035	.36	.0003	.0001	.0007	.012	.0001	.0021	.0001	.0004
%RSD	.8044	.8868	.4689	1.711	16.29	.1765	12.68	.6097	11.87	29.55
#1	4.319	41.35	.0631	.0030	-.0039	7.009	.0006	.3461	.0011	-.0011
#2	4.271	40.84	.0635	.0031	-.0049	6.991	.0005	.3432	.0013	-.0017

Elem	Zr3391
Avg	-.0015
Stddev	.0000
%RSD	3.000
#1	-.0015
#2	-.0016

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72233.	21470.	1982.8	5491.1
Stddev	201.	200.	4.1	9.5
%RSD	.27804	.93206	.20904	.17311
#1	72091.	21329.	1985.7	5497.8
#2	72375.	21612.	1979.9	5484.4

Zoom In Zoom Out

Sample Name: ja60450-6f Acquired: 11/3/2010 16:34:05 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0025	-.0001	.0001	-.0003	.0003	.0001	.0015	.0004	-.0002	.0002
Stddev	.0000	.0000	.0001	.0000	.0001	.0002	.0000	.0001	.0001	.0000
%RSD	1.301	1.553	154.2	16.54	30.64	172.8	3.322	26.27	53.15	5.376
#1	.0025	-.0001	.0001	-.0003	.0003	.0000	.0015	.0003	-.0001	.0002
#2	.0024	-.0001	.0000	-.0003	.0004	.0003	.0014	.0005	-.0003	.0002

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0090	-.0002	-.0011	-.0002	.0013	-.0003	.0043	.5808	.0070	.0307
Stddev	.0000	.0002	.0001	.0002	.0006	.0002	.0064	.0021	.0002	.0079
%RSD	.5547	74.32	6.532	103.8	43.52	62.45	146.8	.3679	2.543	25.71
#1	.0090	-.0001	-.0012	.0000	.0009	-.0004	-.0002	.5823	.0072	.0251
#2	.0090	-.0004	-.0011	-.0003	.0017	-.0002	.0088	.5793	.0069	.0362

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0118	.4232	.0015	-.0010	.0001	.0343	.0011	.0121	-.0001	.0019
Stddev	.0041	.0005	.0004	.0001	.0006	.0002	.0002	.0001	.0000	.0001
%RSD	34.52	.1155	25.16	9.404	918.0	.5648	15.83	.7026	22.33	6.349
#1	.0089	.4236	.0018	-.0010	-.0004	.0342	.0010	.0121	-.0001	.0020
#2	.0147	.4229	.0012	-.0009	.0005	.0344	.0012	.0120	-.0001	.0018

Elem	Zr3391
Avg	.0002
Stddev	.0000
%RSD	28.45
#1	.0002
#2	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75804.	22189.	2139.1	6141.4
Stddev	120.	16.	3.3	10.0
%RSD	.15890	.07008	.15466	.16214
#1	75719.	22178.	2136.7	6134.3
#2	75889.	22200.	2141.4	6148.4

Zoom In Zoom Out

Sample Name: mp55477-s1 Acquired: 11/3/2010 16:40:07 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.852	.0456	.0531	.4601	.1727	.2630	1.130	.4494	.0457	.4207
Stddev	.004	.0002	.0000	.0003	.0046	.0079	.033	.0014	.0012	.0126
%RSD	.2286	.4256	.0704	.0741	2.669	3.020	2.896	.3199	2.617	2.990
#1	1.849	.0454	.0531	.4603	.1760	.2686	1.153	.4504	.0465	.4296
#2	1.855	.0457	.0531	.4599	.1695	.2574	1.107	.4483	.0448	.4118

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4465	1.808	1.670	.4360	1.827	.4673	1.813	37.17	6.045	33.38
Stddev	.0004	.001	.007	.0010	.001	.0009	.014	.10	.021	.05
%RSD	.0915	.0630	.4424	.2229	.0398	.1906	.7678	.2640	.3499	.1593
#1	.4467	1.808	1.675	.4367	1.828	.4680	1.803	37.10	6.030	33.34
#2	.4462	1.807	1.664	.4353	1.827	.4667	1.823	37.24	6.060	33.41

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	25.23	46.28	.0743	.0032	.0021	.5108	.0019	.0902	.0008	-.0020
Stddev	.00	.03	.0004	.0001	.0000	.0011	.0005	.0002	.0002	.0011
%RSD	.0093	.0625	.4983	4.134	.1604	.2097	25.63	.1784	21.63	56.62
#1	25.23	46.26	.0746	.0033	.0021	.5101	.0015	.0901	.0009	-.0012
#2	25.23	46.30	.0741	.0031	.0021	.5116	.0022	.0903	.0006	-.0028

Elem	Zr3391
Avg	.0142
Stddev	.0006
%RSD	4.432
#1	.0146
#2	.0137

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75428.	21947.	2044.0	5713.8
Stddev	1754.	45.	.6	6.7
%RSD	2.3250	.20453	.02995	.11665
#1	74188.	21978.	2044.4	5709.1
#2	76668.	21915.	2043.6	5718.5

Zoom In Zoom Out

Sample Name: icsa Acquired: 11/3/2010 16:45:58 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0053	.0000	-.0004	-.0003	.0011	.0148	-.0026	-.0129	.0049	.0027
Stddev	.0000	.0000	.0000	.0004	.0000	.0001	.0001	.0005	.0003	.0001
%RSD	.4437	262.0	2.060	136.6	3.013	.3636	4.872	3.545	6.350	2.949
#1	-.0053	.0000	-.0004	.0000	.0011	.0149	-.0025	-.0126	.0046	.0026
#2	-.0053	.0000	-.0004	-.0005	.0011	.0148	-.0027	-.0132	.0051	.0027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0026	-.0024	.0003	.0022	.0067	-.0010	498.2	371.7	191.5	516.5
Stddev	.0005	.0005	.0011	.0004	.0008	.0004	5.8	4.4	1.8	6.0
%RSD	20.14	20.38	332.8	19.39	11.82	37.49	1.155	1.181	.9258	1.164
#1	-.0029	-.0028	-.0004	.0025	.0061	-.0013	502.3	374.8	192.8	520.8
#2	-.0022	-.0021	.0011	.0019	.0072	-.0008	494.1	368.6	190.3	512.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0718	.0585	.0790	-.0006	-.0063	-.0423	-.0060	-.0039	.0046	.0045
Stddev	.0137	.0062	.0019	.0015	.0002	.0002	.0011	.0001	.0003	.0001
%RSD	19.10	10.63	2.345	252.8	2.813	.5259	17.98	3.216	6.731	1.949
#1	.0621	.0629	.0777	-.0016	-.0064	-.0425	-.0052	-.0040	.0048	.0044
#2	.0815	.0541	.0803	.0005	-.0062	-.0422	-.0068	-.0038	.0043	.0045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Zoom In Zoom Out

Sample Name: icsa Acquired: 11/3/2010 16:45:58 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	.0010
Stddev	.0000
%RSD	5.084
#1	.0010
#2	.0009
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	66905.	20656.	1886.3	4788.7
Stddev	269.	149.	.9	2.0
%RSD	.40163	.72124	.04972	.04164
#1	67095.	20551.	1885.7	4787.3
#2	66715.	20762.	1887.0	4790.1

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 11/3/2010 16:52:05 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5230	.4932	1.065	.4747	.4789	.5299	.4944	1.001	1.124
Stddev	.0013	.0006	.005	.0023	.0027	.0002	.0005	.006	.000
%RSD	.2560	.1245	.4598	.4802	.5609	.0309	.0976	.6459	.0036
#1	.5240	.4936	1.068	.4763	.4808	.5300	.4947	1.006	1.124
#2	.5221	.4928	1.062	.4731	.4770	.5298	.4940	.9966	1.124
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4759	.9096	1.048	.9579	.9980	1.035	1.081	501.6	366.0
Stddev	.0005	.0046	.004	.0050	.0048	.004	.002	5.8	2.8
%RSD	.0996	.5080	.3673	.5173	.4777	.3526	.2070	1.148	.7536
#1	.4763	.9128	1.051	.9614	1.001	1.037	1.083	497.6	364.1
#2	.4756	.9063	1.045	.9544	.9946	1.032	1.080	505.7	368.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	189.9	504.0	.0328	.0781	.0822	.5043	.5939	-.0371	-.0050
Stddev	.2	1.3	.0191	.0005	.0039	.0021	.0005	.0003	.0002
%RSD	.0809	.2632	58.45	.5823	4.704	.4106	.0889	.7769	3.420
#1	189.8	503.1	.0192	.0785	.0849	.5057	.5935	-.0373	-.0051
#2	190.0	505.0	.0463	.0778	.0795	.5028	.5943	-.0369	-.0049
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 11/3/2010 16:52:05 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	-.0038	.0047	.5122	F.3085
Stddev	.0000	.0005	.0001	.0072
%RSD	.6095	9.654	.0154	2.324
#1	-.0038	.0044	.5123	.3035
#2	-.0038	.0051	.5122	.3136
Check ?	None	None	Chk Pass	Chk Fail
Value				.5000
Range				-20.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	66992.	20972.	1885.5	4775.4
Stddev	95.	59.	2.0	9.1
%RSD	.14208	.28173	.10658	.18999
#1	67060.	21014.	1884.1	4769.0
#2	66925.	20930.	1886.9	4781.9

Zoom In Zoom Out

Sample Name: mp55477-s2 Acquired: 11/3/2010 16:58:05 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.820	.0448	.0518	.4511	.1721	.2587	1.130	.4398	.0452	.4191
Stddev	.011	.0003	.0001	.0005	.0001	.0002	.002	.0007	.0003	.0007
%RSD	.5955	.7554	.1121	.1208	.0722	.0788	.1595	.1628	.6391	.1669
#1	1.812	.0446	.0517	.4507	.1722	.2588	1.131	.4393	.0450	.4196
#2	1.827	.0451	.0518	.4515	.1720	.2585	1.129	.4403	.0454	.4186

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4351	1.771	1.631	.4252	1.793	.4603	1.799	36.65	5.998	32.86
Stddev	.0001	.004	.004	.0017	.000	.0003	.011	.09	.014	.10
%RSD	.0168	.2137	.2151	.4103	.0176	.0550	.6243	.2506	.2305	.2999
#1	.4350	1.768	1.628	.4240	1.793	.4601	1.791	36.58	5.988	32.79
#2	.4351	1.774	1.633	.4264	1.793	.4604	1.807	36.71	6.008	32.93

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	24.78	45.70	.0728	.0039	-.0098	.5039	.0017	.0893	.0005	-.0017
Stddev	.08	.22	.0001	.0002	.0008	.0001	.0009	.0003	.0003	.0006
%RSD	.3368	.4899	.1313	6.142	8.578	.0163	54.26	.3104	63.24	36.21
#1	24.72	45.54	.0727	.0041	-.0104	.5039	.0023	.0891	.0008	-.0013
#2	24.84	45.86	.0728	.0038	-.0092	.5038	.0010	.0895	.0003	-.0021

Elem	Zr3391
Avg	.1074
Stddev	.0115
%RSD	10.73
#1	.1156
#2	.0993

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74255.	21827.	2046.5	5728.8
Stddev	112.	54.	.4	2.6
%RSD	.15086	.24656	.01732	.04590
#1	74176.	21865.	2046.2	5730.6
#2	74334.	21789.	2046.7	5726.9

Inst QC: MA25292

Zoom In / Zoom Out

Sample Name: ja59425-1 Acquired: 11/3/2010 17:03:53 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0190	.0000	-.0001	-.0005	.0000	.0010	.7546	.0001	.0000	.0000
Stddev	.0001	.000	.0000	.0001	.000	.0001	.0014	.0000	.000	.0000
%RSD	.3010	45.94	30.46	22.46	935.4	12.05	.1889	5.054	1304.	.3313
#1	.0189	.0000	-.0002	-.0004	-.0001	.0009	.7556	.0001	-.0002	.0000
#2	.0190	.0000	-.0001	-.0006	.0001	.0011	.7536	.0001	.0002	.0000

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0033	-.0002	-.0012	.0002	.0008	.0007	.0147	15.93	5.474	11.86
Stddev	.0000	.0003	.0003	.0007	.0002	.0002	.0016	.03	.018	.03
%RSD	.9716	147.9	27.21	311.2	23.65	23.00	10.78	.1942	.3344	.2891
#1	.0032	-.0004	-.0014	-.0003	.0007	.0008	.0136	15.95	5.487	11.88
#2	.0033	.0000	-.0010	.0007	.0009	.0006	.0158	15.91	5.461	11.84

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.287	23.92	.0667	.0012	-.0012	.5380	.0029	.0967	.0002	-.0045
Stddev	.029	.10	.0000	.0000	.0004	.0012	.0000	.0001	.0001	.0004
%RSD	1.279	.4081	.0513	1.496	30.80	.2309	1.113	.0549	47.47	8.868
#1	2.308	23.99	.0667	.0012	-.0010	.5389	.0029	.0967	.0003	-.0042
#2	2.266	23.85	.0668	.0012	-.0015	.5371	.0029	.0967	.0002	-.0047

Elem	Zr3391
Avg	.0061
Stddev	.0001
%RSD	1.035
#1	.0061
#2	.0062

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74940.	21918.	2094.2	5948.1
Stddev	200.	51.	6.6	8.4
%RSD	.26725	.23271	.31461	.14039
#1	75081.	21882.	2089.6	5942.2
#2	74798.	21954.	2098.9	5954.0

Zoom In / Zoom Out

Sample Name: mp55477-sd1 Acquired: 11/3/2010 17:09:51 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0189	-.0004	-.0004	-.0005	-.0019	.0018	.7764	-.0003	-.0005	.0006
Stddev	.0002	.0001	.0004	.0000	.0005	.0004	.0005	.0009	.0022	.0009
%RSD	1.102	34.65	107.4	.9713	24.45	23.99	.0586	310.3	420.8	157.4
#1	.0187	-.0005	-.0007	-.0005	-.0023	.0021	.7767	.0003	.0010	.0012
#2	.0190	-.0003	-.0001	-.0005	-.0016	.0015	.7761	-.0009	-.0021	-.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0062	-.0017	-.0070	-.0002	-.0021	-.0030	.0711	16.53	5.635	12.13
Stddev	.0001	.0026	.0016	.0014	.0029	.0033	.0135	.01	.005	.15
%RSD	1.842	153.8	22.92	897.3	141.0	108.9	19.03	.0756	.0925	1.196
#1	.0061	-.0035	-.0081	-.0011	-.0042	-.0007	.0615	16.52	5.631	12.24
#2	.0063	.0001	-.0058	.0008	.0000	-.0053	.0807	16.54	5.639	12.03

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.194	23.98	.0670	-.0047	-.0020	.5332	.0033	.0968	-.0003	-.0352
Stddev	.022	.08	.0002	.0002	.0024	.0005	.0000	.0004	.0022	.0033
%RSD	.9926	.3196	.3104	5.172	117.6	.0851	1.054	.3649	721.0	9.262
#1	2.178	24.03	.0671	-.0045	-.0003	.5329	.0033	.0970	-.0018	-.0329
#2	2.209	23.92	.0668	-.0049	-.0037	.5335	.0033	.0965	.0012	-.0375

Elem	Zr3391
Avg	.0033
Stddev	.0005
%RSD	16.35
#1	.0029
#2	.0037

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76355.	21938.	2148.9	6124.2
Stddev	22.	14.	1.5	6.7
%RSD	.02821	.06535	.06946	.10920
#1	76340.	21949.	2147.8	6119.5
#2	76371.	21928.	2149.9	6128.9

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/3/2010 17:15:51 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.992	1.998	1.984	1.991	1.929	1.961	1.989	1.971	.2442	1.993
Stddev	.007	.001	.005	.003	.018	.015	.022	.005	.0019	.021
%RSD	.3643	.0643	.2610	.1282	.9097	.7708	1.130	.2667	.7895	1.027
#1	1.997	1.999	1.988	1.993	1.917	1.951	1.973	1.975	.2429	1.978
#2	1.986	1.997	1.981	1.990	1.942	1.972	2.004	1.967	.2456	2.007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.953	1.975	1.961	1.950	1.996	2.009	38.96	38.99	39.64	38.74
Stddev	.005	.006	.002	.002	.008	.005	.15	.06	.08	.23
%RSD	.2572	.3231	.1065	.0896	.3839	.2301	.3850	.1571	.1959	.5996
#1	1.956	1.980	1.959	1.951	2.002	2.012	39.06	38.95	39.59	38.58
#2	1.949	1.971	1.962	1.949	1.991	2.005	38.85	39.04	39.70	38.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.41	40.19	2.006	1.977	1.935	5.030	2.014	2.046	1.960	1.824
Stddev	.22	.14	.002	.000	.009	.009	.005	.004	.020	.011
%RSD	.5521	.3444	.1180	.0013	.4375	.1822	.2510	.1771	1.035	.5938
#1	39.57	40.29	2.007	1.977	1.929	5.037	2.017	2.048	1.946	1.817
#2	39.26	40.09	2.004	1.977	1.941	5.024	2.010	2.043	1.974	1.832
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/3/2010 17:15:51 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.982
Stddev	.017
%RSD	.8672
#1	1.969
#2	1.994
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73823.	21654.	2088.6	5646.9
Stddev	569.	15.	2.5	5.5
%RSD	.77028	.07093	.11996	.09683
#1	74226.	21665.	2086.8	5643.0
#2	73421.	21643.	2090.3	5650.8

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 17:21:40 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0003	.0003	.0002	.0001	.0000	.0003	.0001	-.0001	.0003
Stddev	.0000	.0000	.0001	.0001	.0002	.0001	.0001	.0000	.0004	.0001
%RSD	3.731	9.292	26.39	44.27	145.1	721.3	26.92	25.49	686.0	43.39
#1	.0003	.0003	.0003	.0002	.0003	.0001	.0003	.0001	.0002	.0004
#2	.0003	.0003	.0002	.0001	.0000	-.0001	.0002	.0001	-.0003	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0006	.0008	.0004	.0004	.0004	.0174	.0037	.0087	.0033
Stddev	.0000	.0002	.0003	.0009	.0015	.0002	.0045	.0009	.0008	.0047
%RSD	.1913	32.09	38.39	252.5	349.8	42.07	25.81	25.33	9.184	140.5
#1	.0003	.0004	.0010	-.0003	-.0006	.0003	.0206	.0044	.0082	.0066
#2	.0003	.0007	.0006	.0010	.0015	.0005	.0142	.0031	.0093	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042	.0070	.0006	.0018	.0003	.0011	.0006	.0004	.0002	.0019
Stddev	.0086	.0026	.0002	.0006	.0003	.0000	.0003	.0001	.0000	.0021
%RSD	202.3	37.16	28.30	34.26	94.90	4.299	50.65	14.55	9.563	111.5
#1	.0103	.0088	.0008	.0023	.0001	.0011	.0009	.0004	.0002	.0034
#2	-.0018	.0051	.0005	.0014	.0005	.0012	.0004	.0003	.0002	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 17:21:40 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	.0006
Stddev	.0002
%RSD	37.25
#1	.0007
#2	.0004
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75946.	21787.	2173.4	6179.4
Stddev	388.	85.	5.8	11.5
%RSD	.51129	.38833	.26768	.18684
#1	75672.	21847.	2169.3	6171.3
#2	76221.	21727.	2177.5	6187.6

Zoom In Zoom Out

Sample Name: ja59401-5 Acquired: 11/3/2010 17:27:45 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0122	.0002	.0009	.0008	.0087	.0005	.0057	.0018	.0001	.0009
Stddev	.0001	.0000	.0000	.0002	.0009	.0006	.0004	.0004	.0001	.0001
%RSD	1.056	4.161	.7033	20.24	9.762	122.4	6.168	20.00	118.6	14.31
#1	.0123	.0002	.0009	.0007	.0081	.0001	.0055	.0021	.0002	.0010
#2	.0121	.0002	.0009	.0009	.0093	.0009	.0060	.0016	.0000	.0008

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0624	.0000	.0000	.0019	.0019	.0003	.7104	1.217	.2263	1.543
Stddev	.0002	.000	.002	.0005	.0001	.0004	.0061	.010	.0009	.011
%RSD	.2875	209.1	3103.	24.61	4.524	150.4	.8621	.8117	.3774	.6850
#1	.0622	.0000	.0010	.0022	.0018	.0005	.7147	1.224	.2269	1.551
#2	.0625	-.0001	-.0011	.0016	.0020	.0000	.7060	1.210	.2257	1.536

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.4817	7.407	.0302	.0003	.0004	2.581	.0005	.0062	.0010	.0002
Stddev	.0135	.064	.0001	.0002	.0002	.003	.0002	.0000	.0006	.0002
%RSD	2.801	.8591	.2469	95.87	38.36	.1220	38.82	.6662	58.15	90.80
#1	.4913	7.452	.0301	.0004	.0003	2.578	.0006	.0062	.0006	.0003
#2	.4722	7.362	.0302	.0001	.0005	2.583	.0003	.0062	.0014	.0001

Elem	Zr3391
Avg	.0006
Stddev	.0000
%RSD	6.215
#1	.0006
#2	.0006

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78748.	22070.	2152.7	6157.2
Stddev	3664.	187.	3.2	3.4
%RSD	4.6528	.84810	.14723	.05491
#1	81339.	21938.	2154.9	6159.6
#2	76157.	22203.	2150.4	6154.8

Zoom In Zoom Out

Sample Name: ja59401-6 Acquired: 11/3/2010 17:33:45 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0099	.0000	.0002	.0000	.0235	.0022	.0076	.0015	-.0004	.0089
Stddev	.0001	.000	.0000	.000	.0003	.0002	.0000	.0001	.0004	.0002
%RSD	.6357	23.29	17.76	6929.	1.171	7.879	.6410	8.678	109.6	1.945
#1	.0100	-.0001	.0002	-.0001	.0237	.0023	.0077	.0014	-.0007	.0090
#2	.0099	.0000	.0002	.0001	.0233	.0020	.0076	.0016	-.0001	.0087

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0289	.0007	-.0012	.0012	.0009	.0004	.6353	.6702	4.615	.5735
Stddev	.0002	.0001	.0006	.0002	.0000	.0002	.0048	.0063	.004	.0047
%RSD	.5363	10.53	52.20	13.67	2.969	40.99	.7584	.9353	.0936	.8146
#1	.0290	.0007	-.0017	.0011	.0009	.0006	.6319	.6746	4.618	.5702
#2	.0287	.0006	-.0008	.0013	.0009	.0003	.6388	.6658	4.612	.5768

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.8504	4.495	.0189	-.0008	-.0007	3.466	.0006	.0058	.0077	-.0018
Stddev	.0127	.007	.0001	.0001	.0002	.004	.0001	.0000	.0001	.0001
%RSD	1.497	.1581	.5668	12.80	27.24	.1227	21.08	.8126	.7683	6.232
#1	.8594	4.490	.0190	-.0007	-.0005	3.469	.0005	.0059	.0078	-.0017
#2	.8414	4.500	.0189	-.0009	-.0008	3.463	.0006	.0058	.0077	-.0019

Elem	Zr3391
Avg	.0031
Stddev	.0002
%RSD	4.880
#1	.0030
#2	.0033

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75998.	22025.	2158.1	6175.2
Stddev	81.	7.	3.6	8.3
%RSD	.10695	.03314	.16526	.13481
#1	75941.	22020.	2155.5	6169.3
#2	76056.	22030.	2160.6	6181.1

Zoom In / Zoom Out

Sample Name: ja59401-7 Acquired: 11/3/2010 17:39:45 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0000	-.0001	.0000	-.0003	-.0006	.0001	.0000	.0000	.0000	.0002
Stddev	.0001	.0000	.0001	.0001	.0001	.0000	.000	.0001	.0005	.0000
%RSD	451.5	34.48	315.9	23.09	16.48	31.14	1.977	420.5	2695.	27.98
#1	.0000	-.0001	.0000	-.0003	-.0007	.0002	.0000	.0000	-.0003	.0001
#2	.0000	-.0001	.0001	-.0004	-.0005	.0001	.0000	.0001	.0003	.0002

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0122	-.0006	-.0014	-.0004	-.0001	.0007	.0059	.0015	.0029	.0032
Stddev	.0001	.0006	.0010	.0007	.0008	.0004	.0032	.0008	.0005	.0075
%RSD	1.008	101.4	69.12	153.3	716.5	59.80	53.96	50.24	15.37	236.7
#1	.0123	-.0010	-.0007	.0000	-.0007	.0004	.0081	.0010	.0033	.0085
#2	.0121	-.0002	-.0021	-.0009	.0005	.0010	.0036	.0020	.0026	-.0021

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0211	.0008	.0003	-.0013	-.0003	.0046	.0000	-.0001	-.0003	-.0035
Stddev	.0047	.0036	.0000	.0000	.0007	.0000	.000	.0000	.0001	.0004
%RSD	22.19	481.3	15.76	3.269	249.3	.5477	3344.	12.58	33.92	12.37
#1	-.0244	.0033	.0003	-.0013	-.0007	.0047	.0002	-.0001	-.0002	-.0038
#2	-.0178	-.0018	.0003	-.0012	.0002	.0046	-.0002	-.0001	-.0004	-.0032

Elem	Zr3391
Avg	.0006
Stddev	.0001
%RSD	9.874
#1	.0006
#2	.0007

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76226.	22364.	2158.7	6183.3
Stddev	195.	792.	7.1	8.5
%RSD	.25540	3.5409	.33065	.13684
#1	76089.	22924.	2153.7	6177.3
#2	76364.	21805.	2163.8	6189.3

Zoom In / Zoom Out

Sample Name: ja59401-8 Acquired: 11/3/2010 17:45:45 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0254	-.0001	-.0001	-.0002	-.0003	.0006	.0111	.0004	-.0003	.0007
Stddev	.0000	.0000	.0000	.0002	.0003	.0001	.0000	.0001	.0001	.0001
%RSD	.0160	7.901	21.66	65.56	89.60	15.28	.3451	18.19	36.89	20.41
#1	.0254	-.0001	.0000	-.0004	-.0001	.0007	.0111	.0004	-.0004	.0008
#2	.0254	-.0001	-.0001	-.0001	-.0006	.0005	.0110	.0003	-.0003	.0006

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0147	-.0003	-.0014	.0000	.0001	.0007	.1659	2.950	.3680	1.202
Stddev	.0000	.0005	.0001	.000	.0001	.0000	.0009	.007	.0002	.008
%RSD	.3404	196.2	9.554	140.9	59.37	7.014	.5440	.2244	.0613	.6879
#1	.0147	.0001	-.0015	-.0001	.0001	.0007	.1652	2.955	.3678	1.196
#2	.0146	-.0006	-.0013	.0000	.0002	.0007	.1665	2.945	.3681	1.208

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.8145	4.808	.0223	-.0008	-.0005	2.115	.0003	.0142	.0009	-.0043
Stddev	.0036	.001	.0002	.0001	.0000	.001	.0001	.0000	.0003	.0001
%RSD	.4404	.0177	1.086	10.42	.0962	.0551	42.05	.3045	31.73	3.407
#1	.8170	4.809	.0222	-.0008	-.0005	2.114	.0004	.0142	.0011	-.0042
#2	.8120	4.808	.0225	-.0009	-.0005	2.116	.0002	.0142	.0007	-.0044

Elem	Zr3391
Avg	.0022
Stddev	.0002
%RSD	9.597
#1	.0023
#2	.0020

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76082.	21960.	2161.3	6179.4
Stddev	35.	35.	3.0	3.9
%RSD	.04597	.16163	.13776	.06231
#1	76107.	21935.	2163.4	6182.2
#2	76058.	21985.	2159.2	6176.7

Zoom In / Zoom Out

Sample Name: ja59401-1f Acquired: 11/3/2010 17:51:44 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0011	-.0001	.0003	-.0004	.0031	.0037	.0018	.0013	-.0001	.0008
Stddev	.0001	.0000	.0000	.0002	.0003	.0000	.0000	.0003	.0000	.0001
%RSD	4.504	18.10	10.34	48.43	8.640	.7722	1.883	23.79	11.24	10.41
#1	.0011	-.0001	.0003	-.0003	.0033	.0037	.0018	.0011	-.0001	.0007
#2	.0012	-.0001	.0003	-.0005	.0029	.0037	.0018	.0015	-.0001	.0008

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0089	.0004	.0014	.0005	.0036	.0001	.0289	50.79	.0318	54.33
Stddev	.0000	.0000	.0001	.0004	.0014	.0003	.0002	.28	.0007	.23
%RSD	.3167	11.14	5.184	68.13	40.41	436.1	.7234	.5449	2.249	.4305
#1	.0089	.0004	.0013	.0003	.0025	-.0001	.0288	50.59	.0323	54.16
#2	.0089	.0005	.0014	.0008	.0046	.0003	.0291	50.99	.0313	54.49

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.2436	1.894	.0549	.0032	-.0021	.4022	-.0004	.0412	.0007	.0493
Stddev	.0036	.012	.0001	.0000	.0002	.0019	.0003	.0002	.0004	.0024
%RSD	1.474	.6544	.1321	1.152	9.358	.4702	74.53	.4268	51.17	4.804
#1	.2410	1.903	.0548	.0032	-.0019	.4035	-.0006	.0413	.0005	.0476
#2	.2461	1.886	.0549	.0032	-.0022	.4009	-.0002	.0410	.0010	.0510

Elem	Zr3391
Avg	.0034
Stddev	.0001
%RSD	1.911
#1	.0035
#2	.0034

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74627.	21695.	2089.2	5882.6
Stddev	339.	1.	4.6	20.1
%RSD	.45450	.00684	.22047	.34104
#1	74387.	21696.	2086.0	5868.5
#2	74867.	21694.	2092.5	5896.8

Zoom In / Zoom Out

Sample Name: ja59401-3f Acquired: 11/3/2010 17:57:43 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0236	-.0001	.0003	.0005	.0100	.0020	.0177	.0030	.0006	.0049
Stddev	.0002	.0000	.0002	.0000	.0002	.0000	.0000	.0001	.0001	.0002
%RSD	.7410	5.855	74.78	1.662	2.474	1.142	.0468	1.993	22.38	4.935
#1	.0235	-.0001	.0001	.0005	.0102	.0020	.0177	.0030	.0007	.0047
#2	.0237	-.0001	.0004	.0005	.0098	.0020	.0177	.0029	.0005	.0051

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0867	.0027	.0008	-.0005	.0007	.0004	.3757	2.717	18.59	2.233
Stddev	.0011	.0008	.0001	.0004	.0007	.0008	.0034	.009	.08	.016
%RSD	1.272	28.84	18.15	74.90	88.63	205.3	.9085	.3355	.4396	.7283
#1	.0859	.0021	.0007	-.0008	.0003	.0010	.3781	2.711	18.53	2.244
#2	.0875	.0032	.0009	-.0002	.0012	-.0002	.3733	2.724	18.65	2.221

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.2726	3.062	.0269	.0002	-.0005	3.412	-.0002	.0121	.0011	.0429
Stddev	.0216	.017	.0010	.0003	.0008	.026	.0001	.0000	.0000	.0010
%RSD	7.918	.5689	3.722	133.1	138.7	.7507	82.99	.2365	4.426	2.230
#1	.2574	3.050	.0262	.0000	-.0011	3.394	-.0003	.0121	.0010	.0423
#2	.2879	3.075	.0277	.0005	.0000	3.430	-.0001	.0121	.0011	.0436

Elem	Zr3391
Avg	.0056
Stddev	.0001
%RSD	1.124
#1	.0056
#2	.0057

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76318.	21889.	2189.6	6251.1
Stddev	4.	84.	8.3	40.1
%RSD	.00555	.38485	.37937	.64069
#1	76321.	21949.	2195.5	6279.4
#2	76315.	21830.	2183.7	6222.7

Zoom In Zoom Out

Sample Name: ja59401-4f Acquired: 11/3/2010 18:03:41 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0597	.0002	.0005	.0016	.0648	.0010	.2344	.0039	-.0004	.0004
Stddev	.0001	.0000	.0000	.0003	.0033	.0006	.0087	.0001	.0002	.0004
%RSD	.2180	5.957	2.945	17.10	5.117	55.92	3.699	3.152	54.79	105.3
#1	.0598	.0002	.0004	.0018	.0625	.0006	.2283	.0038	-.0002	.0006
#2	.0596	.0002	.0005	.0014	.0671	.0014	.2405	.0040	-.0005	.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0168	.0029	.0015	.0073	-.0003	.0005	12.91	10.56	.2974	3.616
Stddev	.0001	.0009	.0004	.0002	.0003	.0006	.02	.00	.0023	.014
%RSD	.3044	29.98	28.87	2.849	114.9	128.2	.1221	.0360	.7861	.3752
#1	.0169	.0036	.0018	.0072	.0000	.0009	12.90	10.56	.2957	3.606
#2	.0168	.0023	.0012	.0075	-.0005	.0000	12.92	10.56	.2990	3.626

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.513	10.63	.0631	.0001	-.0034	3.223	-.0001	.0972	-.0003	.0489
Stddev	.008	.02	.0005	.0000	.0007	.012	.0002	.0002	.0003	.0003
%RSD	.3285	.1733	.7977	21.30	20.68	.3764	158.7	.1999	84.74	.6120
#1	2.507	10.61	.0634	.0002	-.0038	3.231	-.0003	.0971	-.0005	.0487
#2	2.519	10.64	.0627	.0001	-.0029	3.214	.0000	.0974	-.0001	.0492

Elem	Zr3391
Avg	.0030
Stddev	.0001
%RSD	3.062
#1	.0030
#2	.0031

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	81992.	23048.	2281.3	6112.5
Stddev	2688.	17.	10.4	23.2
%RSD	3.2784	.07557	.45619	.37875
#1	83893.	23036.	2273.9	6096.1
#2	80091.	23061.	2288.6	6128.9

Zoom In Zoom Out

Sample Name: ja59401-5f Acquired: 11/3/2010 18:09:40 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0115	-.0001	.0005	.0002	.0075	.0007	.0054	.0014	-.0002	.0001
Stddev	.0000	.0000	.0001	.0001	.0003	.0001	.0000	.0001	.0000	.0002
%RSD	.2831	46.84	9.854	54.85	3.511	8.381	.4344	5.460	7.260	123.3
#1	.0115	-.0001	.0005	.0001	.0074	.0008	.0055	.0014	-.0002	.0000
#2	.0115	-.0001	.0006	.0003	.0077	.0007	.0054	.0013	-.0002	.0003

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0641	.0006	.0007	.0014	.0003	.0005	.5769	1.219	.1010	1.501
Stddev	.0005	.0006	.0008	.0008	.0001	.0006	.0071	.002	.0010	.006
%RSD	.7678	102.0	110.9	57.50	35.04	141.3	1.235	.1583	1.002	.3968
#1	.0644	.0002	.0012	.0019	.0002	.0000	.5719	1.218	.1003	1.505
#2	.0637	.0010	.0001	.0008	.0003	.0009	.5819	1.221	.1017	1.497

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.4501	7.103	.0282	-.0001	.0005	2.346	-.0001	.0060	-.0002	.0411
Stddev	.0035	.012	.0004	.0001	.0002	.012	.0001	.0000	.0002	.0006
%RSD	.7668	.1666	1.341	87.77	32.78	.5270	56.43	.4029	92.90	1.523
#1	.4526	7.111	.0285	.0000	.0004	2.354	-.0002	.0060	-.0003	.0415
#2	.4477	7.094	.0280	-.0001	.0006	2.337	-.0001	.0060	-.0001	.0406

Elem	Zr3391
Avg	-.0002
Stddev	.0001
%RSD	51.41
#1	-.0003
#2	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76756.	21829.	2182.8	6217.4
Stddev	1.	35.	7.1	24.3
%RSD	.00178	.16140	.32347	.39046
#1	76757.	21854.	2177.8	6200.3
#2	76755.	21804.	2187.8	6234.6

Zoom In Zoom Out

Sample Name: ja59401-6f Acquired: 11/3/2010 18:15:39 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0089	-.0001	.0000	.0001	.0135	.0011	.0065	.0018	.0000	.0034
Stddev	.0001	.0000	.0001	.0000	.0003	.0002	.0000	.0000	.000	.0000
%RSD	1.385	.5603	262.5	39.06	2.251	16.34	.5195	.6547	516.8	.2979
#1	.0090	-.0001	.0001	.0000	.0137	.0010	.0066	.0018	.0001	.0034
#2	.0088	-.0001	.0000	.0001	.0133	.0012	.0065	.0018	-.0001	.0034

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0261	.0010	.0004	.0001	-.0001	.0000	.1692	.6585	3.243	.5152
Stddev	.0002	.0003	.0005	.0004	.0006	.0006	.0048	.0002	.017	.0046
%RSD	.7608	31.46	123.5	404.7	499.9	2477.	2.864	.0261	.5206	.8843
#1	.0263	.0008	.0007	-.0002	-.0006	.0004	.1726	.6586	3.255	.5184
#2	.0260	.0012	.0000	.0004	.0003	-.0004	.1658	.6584	3.231	.5120

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.6850	4.191	.0168	-.0002	-.0009	2.691	.0002	.0056	.0006	.0375
Stddev	.0190	.026	.0002	.0001	.0004	.016	.0000	.0001	.0002	.0006
%RSD	2.773	.6150	.9147	24.12	48.11	.5779	3.140	1.760	25.27	1.706
#1	.6984	4.209	.0166	-.0002	-.0006	2.702	.0002	.0056	.0007	.0380
#2	.6715	4.173	.0169	-.0003	-.0012	2.680	.0002	.0055	.0005	.0371

Elem	Zr3391
Avg	.0017
Stddev	.0002
%RSD	12.00
#1	.0019
#2	.0016

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76585.	21785.	2173.9	6216.3
Stddev	90.	5.	11.2	23.4
%RSD	.11816	.02117	.51585	.37607
#1	76521.	21788.	2166.0	6199.7
#2	76649.	21781.	2181.8	6232.8

Zoom In Zoom Out

Sample Name: ja59401-7f Acquired: 11/3/2010 18:21:40 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0003	-.0001	.0000	-.0003	-.0004	-.0001	.0000	-.0002	.0000	.0001
Stddev	.0001	.0001	.0001	.0002	.0001	.0000	.000	.0001	.000	.0001
%RSD	18.77	41.99	172.9	86.27	32.82	18.85	109.1	26.53	378.3	112.8
#1	.0004	-.0001	.0000	-.0005	-.0003	-.0001	.0000	-.0002	-.0001	.0000
#2	.0003	-.0002	.0001	-.0001	-.0005	-.0001	.0000	-.0003	.0000	.0002

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0115	-.0001	-.0019	.0006	.0004	.0005	.0038	.0055	.0041	-.0003
Stddev	.0001	.0003	.0007	.0002	.0009	.0005	.0065	.0008	.0001	.0009
%RSD	.4964	273.5	36.80	25.62	229.4	110.3	172.6	13.79	1.232	304.9
#1	.0114	.0001	-.0023	.0007	-.0002	.0008	-.0008	.0050	.0042	-.0009
#2	.0115	-.0003	-.0014	.0005	.0011	.0001	.0084	.0060	.0041	.0003

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0114	.0005	.0001	-.0015	.0002	.0042	.0003	.0000	-.0001	-.0005
Stddev	.0094	.0051	.0003	.0000	.0002	.0002	.0001	.000	.0004	.0006
%RSD	82.41	1041.	188.7	2.469	109.3	5.782	24.33	262.1	561.4	128.7
#1	-.0181	-.0031	.0003	-.0015	.0000	.0041	.0004	-.0001	-.0003	.0000
#2	-.0048	.0041	.0000	-.0015	.0003	.0044	.0003	.0000	.0002	-.0009

Elem	Zr3391
Avg	.0000
Stddev	.0001
%RSD	422.6
#1	-.0001
#2	.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76799.	21920.	2180.1	6236.6
Stddev	12.	5.	.8	.4
%RSD	.01608	.02328	.03802	.00691
#1	76790.	21924.	2180.7	6236.3
#2	76808.	21917.	2179.5	6236.9

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 18:27:44 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.970	2.018	1.970	1.970	1.935	2.015	2.004	1.969	.2445	2.004
Stddev	.004	.003	.003	.002	.002	.001	.009	.004	.0007	.008
%RSD	.2071	.1676	.1532	.0743	.0782	.0557	.4652	.2117	.2818	.3777
#1	1.973	2.021	1.972	1.971	1.936	2.015	2.011	1.972	.2450	2.010
#2	1.968	2.016	1.968	1.969	1.934	2.016	1.998	1.967	.2440	1.999
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.952	1.954	1.941	1.937	1.964	1.988	38.94	39.68	39.90	39.33
Stddev	.000	.002	.003	.005	.001	.002	.04	.06	.13	.14
%RSD	.0219	.1060	.1281	.2570	.0603	.1140	.0907	.1477	.3175	.3538
#1	1.952	1.956	1.939	1.941	1.965	1.990	38.96	39.72	39.99	39.43
#2	1.952	1.953	1.942	1.934	1.963	1.987	38.91	39.64	39.81	39.24
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.59	39.91	1.983	1.961	1.934	4.971	2.005	2.046	2.002	1.813
Stddev	.09	.09	.001	.005	.001	.001	.003	.005	.006	.007
%RSD	.2177	.2343	.0231	.2611	.0259	.0216	.1249	.2504	.3124	.4005
#1	39.65	39.98	1.983	1.958	1.934	4.972	2.007	2.050	2.007	1.808
#2	39.53	39.85	1.984	1.965	1.935	4.971	2.004	2.042	1.998	1.818
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 18:27:44 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.985
Stddev	.009
%RSD	.4641
#1	1.991
#2	1.978
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73986.	21553.	2132.8	5731.9
Stddev	100.	45.	1.0	6.4
%RSD	.13452	.20698	.04905	.11099
#1	73916.	21522.	2132.1	5727.4
#2	74057.	21585.	2133.6	5736.4

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 18:33:33 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0006	.0002	.0002	.0004	.0000	.0007	.0002	-.0001
Stddev	.0002	.0001	.0002	.0000	.0004	.000	.0001	.0000	.0000
%RSD	27.97	23.88	70.00	31.10	99.16	359.9	7.232	15.92	41.05
#1	.0006	.0005	.0004	.0001	.0001	-.0001	.0007	.0003	-.0001
#2	.0008	.0007	.0001	.0002	.0007	.0001	.0007	.0002	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	.0003	.0002	.0005	.0001	.0007	.0004	.0098	.0092
Stddev	.0000	.0002	.0006	.0002	.0002	.0010	.0003	.0033	.0027
%RSD	1.672	58.56	254.6	40.87	220.5	148.9	77.28	34.02	29.20
#1	.0010	.0004	-.0002	.0006	.0003	.0000	.0006	.0074	.0073
#2	.0009	.0002	.0006	.0004	-.0001	.0014	.0002	.0121	.0111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0145	-.0007	.0210	.0112	.0000	.0019	.0010	.0019	.0008
Stddev	.0038	.0014	.0069	.0022	.000	.0008	.0004	.0007	.0002
%RSD	26.51	214.8	33.00	19.92	529.2	40.56	40.42	38.26	21.71
#1	.0118	.0003	.0161	.0096	.0001	.0025	.0013	.0024	.0009
#2	.0172	-.0016	.0259	.0127	-.0001	.0014	.0007	.0014	.0007
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 18:33:33 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0007	.0005	.0007	.0005
Stddev	.0001	.0000	.0013	.0000
%RSD	17.66	5.168	179.4	4.874
#1	.0006	.0005	.0016	.0006
#2	.0008	.0005	-.0002	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76918.	21619.	2217.3	6282.4
Stddev	1224.	15.	.3	1.5
%RSD	1.5919	.06726	.01363	.02329
#1	77784.	21609.	2217.5	6283.4
#2	76052.	21630.	2217.0	6281.4

Zoom In Zoom Out

Sample Name: ja59401-8f Acquired: 11/3/2010 18:39:36 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0150	-.0001	.0001	-.0001	.0001	.0004	.0099	.0006	-.0003	.0007
Stddev	.0000	.0000	.0002	.0000	.0000	.0004	.0000	.0001	.0001	.0001
%RSD	.1877	24.47	297.1	2.240	6.538	92.69	.1223	20.53	19.74	21.10
#1	.0150	-.0001	-.0001	-.0001	.0001	.0001	.0099	.0006	-.0004	.0006
#2	.0151	-.0001	.0002	-.0001	.0001	.0007	.0099	.0007	-.0003	.0008

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0186	.0006	.0008	.0005	.0007	.0007	.1384	2.799	.2863	1.139
Stddev	.0000	.0002	.0006	.0001	.0000	.0001	.0002	.023	.0023	.013
%RSD	.1072	27.06	79.86	23.27	4.833	9.986	.1232	.8324	.8131	1.151
#1	.0186	.0008	.0003	.0004	.0008	.0007	.1385	2.816	.2879	1.148
#2	.0185	.0005	.0012	.0005	.0007	.0007	.1383	2.783	.2846	1.130

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.7868	4.573	.0209	.0006	-.0011	1.958	.0004	.0131	.0007	.0262
Stddev	.0039	.009	.0005	.0001	.0001	.002	.0000	.0000	.0003	.0004
%RSD	.4948	.2058	2.286	17.72	12.31	.0960	2.571	.1737	39.79	1.529
#1	.7840	4.566	.0205	.0007	-.0010	1.959	.0004	.0132	.0005	.0259
#2	.7895	4.579	.0212	.0005	-.0012	1.957	.0004	.0131	.0009	.0265

Elem	Zr3391
Avg	.0034
Stddev	.0000
%RSD	.0911
#1	.0034
#2	.0034

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76860.	21801.	2194.1	6251.4
Stddev	125.	96.	3.9	7.3
%RSD	.16267	.44175	.18000	.11641
#1	76948.	21733.	2196.9	6256.5
#2	76771.	21869.	2191.3	6246.3

Zoom In Zoom Out

Sample Name: mp55467-mb1 2 Acquired: 11/3/2010 18:45:36 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0003	.0000	-.0001	.0000	-.0005	.0003	.0001	-.0001	-.0003	.0001
Stddev	.0001	.0000	.0000	.000	.0001	.0001	.0000	.0001	.0003	.0002
%RSD	24.03	27.12	4.315	377.5	15.16	18.04	20.69	241.7	97.32	265.2
#1	.0003	.0000	-.0001	.0001	-.0004	.0002	.0001	.0000	-.0005	.0002
#2	.0004	.0000	-.0001	-.0001	-.0006	.0003	.0001	-.0001	-.0001	-.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0006	-.0001	.0001	.0005	.0004	-.0007	-.0007	.0127	.0060	.0126	.0103
Stddev	.0001	.0006	.0012	.0002	.0006	.0008	.0015	.0023	.0019	.0035
%RSD	12.81	466.6	227.1	46.34	85.69	109.2	12.22	38.63	14.93	33.45
#1	.0005	-.0006	.0014	.0003	-.0012	-.0002	.0138	.0043	.0140	.0079
#2	.0006	.0003	-.0003	.0006	-.0003	-.0013	.0116	.0076	.0113	.0128

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0044	.0017	-.0016	-.0021	.0000	.0073	.0086	.0001	.0007	-.0066
Stddev	.0046	.0020	.0001	.0000	.0002	.0001	.0000	.0001	.0001	.0003
%RSD	104.0	114.7	8.058	1.148	686.9	.7081	.2210	163.4	18.55	4.825
#1	-.0076	.0003	-.0015	-.0021	-.0001	.0073	.0086	.0001	.0006	-.0064
#2	-.0012	.0031	-.0016	-.0021	.0002	.0072	.0087	.0000	.0008	-.0069

Elem	Zr3391
Avg	.0010
Stddev	.0001
%RSD	13.02
#1	.0011
#2	.0009

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77603.	22103.	2212.0	6321.9
Stddev	80.	12.	3.2	.8
%RSD	.10252	.05540	.14666	.01340
#1	77659.	22112.	2209.7	6322.5
#2	77547.	22094.	2214.3	6321.3

Zoom In Zoom Out

Sample Name: mp55467-b1 Acquired: 11/3/2010 18:51:39 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	3.683	.0952	.1012	.9177	.3634	.4671	.9415	.9109	.0942	.8742
Stddev	.001	.0000	.0001	.0007	.0012	.0028	.0016	.0014	.0002	.0006
%RSD	.0368	.0311	.1123	.0780	.3253	.6052	.1744	.1501	.1908	.0733
#1	3.684	.0952	.1013	.9172	.3626	.4691	.9403	.9099	.0941	.8737
#2	3.682	.0952	.1012	.9182	.3643	.4651	.9426	.9118	.0944	.8746

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.8998	3.522	3.295	.8736	3.482	.9117	49.68	11.82	49.05	11.33
Stddev	.0010	.002	.005	.0003	.001	.0009	.06	.02	.01	.00
%RSD	.1108	.0442	.1405	.0370	.0203	.0975	.1260	.1299	.0140	.0187
#1	.8991	3.523	3.292	.8738	3.482	.9111	49.73	11.84	49.04	11.33
#2	.9005	3.521	3.298	.8734	3.481	.9124	49.64	11.81	49.05	11.33

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	11.91	12.05	.0173	.0018	.0087	.0060	.0264	.0009	.0006	.0053
Stddev	.01	.00	.0002	.0000	.0004	.0010	.0001	.0000	.0003	.0004
%RSD	.0712	.0170	1.173	1.233	4.890	15.99	.3827	.6761	50.50	6.823
#1	11.92	12.05	.0172	.0018	.0084	.0054	.0263	.0009	.0004	.0055
#2	11.91	12.05	.0174	.0018	.0090	.0067	.0264	.0009	.0008	.0050

Elem	Zr3391
Avg	.0266
Stddev	.0008
%RSD	2.828
#1	.0271
#2	.0261

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75476.	21773.	2173.2	5986.5
Stddev	492.	26.	2.7	4.2
%RSD	.65160	.12169	.12387	.06946
#1	75128.	21754.	2171.3	5983.6
#2	75823.	21792.	2175.1	5989.5

Zoom In Zoom Out

Sample Name: mp55467-s1 Acquired: 11/3/2010 18:57:31 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	3.637	.0921	.0960	.8630	.5040	.5390	1.121	.9181	.0947	1.036
Stddev	.001	.0002	.0002	.0009	.0002	.0010	.002	.0001	.0003	.001
%RSD	.0363	.1851	.1984	.1066	.0445	.1839	.2149	.0130	.3216	.0751
#1	3.638	.0920	.0958	.8636	.5042	.5383	1.119	.9181	.0949	1.035
#2	3.636	.0923	.0961	.8623	.5039	.5397	1.122	.9182	.0945	1.037

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.9173	3.295	3.135	.8898	3.260	.5101	187.9	23.46	139.2	14.64
Stddev	.0004	.009	.004	.0014	.001	.0011	.2	.03	.2	.01
%RSD	.0402	.2897	.1190	.1609	.0370	.2142	.0885	.1277	.1765	.0993
#1	.9170	3.302	3.132	.8888	3.261	.5109	188.0	23.44	139.1	14.63
#2	.9176	3.288	3.137	.8908	3.259	.5094	187.8	23.48	139.4	14.65

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	18.82	11.93	.0609	.0083	.0077	3.225	.0278	.0595	1.693	.0059
Stddev	.04	.00	.0004	.0001	.0001	.011	.0008	.0001	.004	.0008
%RSD	.2030	.0239	.6109	.7124	1.813	.3535	2.891	.1624	.2618	13.74
#1	18.79	11.93	.0612	.0083	.0078	3.233	.0283	.0595	1.689	.0053
#2	18.85	11.94	.0607	.0084	.0076	3.217	.0272	.0596	1.696	.0065

Elem	Zr3391
Avg	.0684
Stddev	.0011
%RSD	1.609
#1	.0676
#2	.0691

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73763.	21989.	2170.0	5744.4
Stddev	63.	9.	6.4	6.1
%RSD	.08548	.04166	.29420	.10583
#1	73807.	21983.	2165.5	5740.1
#2	73718.	21996.	2174.6	5748.7

Zoom In Zoom Out

Sample Name: mp55467-s2 Acquired: 11/3/2010 19:03:19 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	3.761	.0948	.0987	.8911	.4848	.5377	1.149	.9398	.0972	1.027
Stddev	.000	.0001	.0005	.0049	.0002	.0005	.001	.0051	.0002	.000
%RSD	.0085	.1480	.5359	.5457	.0414	.0923	.0953	.5404	.2405	.0106
#1	3.761	.0949	.0984	.8876	.4847	.5373	1.148	.9362	.0974	1.027
#2	3.762	.0947	.0991	.8945	.4849	.5380	1.150	.9434	.0970	1.027

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.9361	3.377	3.233	.9127	3.356	.5398	161.5	22.30	124.6	14.85
Stddev	.0067	.007	.017	.0065	.010	.0027	.1	.01	.1	.09
%RSD	.7144	.2123	.5218	.7168	.2927	.5090	.0867	.0235	.0783	.5780
#1	.9314	3.372	3.221	.9080	3.349	.5379	161.6	22.31	124.6	14.91
#2	.9409	3.382	3.245	.9173	3.363	.5418	161.4	22.30	124.5	14.79

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	18.25	12.32	.0545	.0071	.0051	2.947	.0289	.0594	1.624	.0041
Stddev	.02	.02	.0010	.0005	.0004	.002	.0001	.0001	.003	.0000
%RSD	.1114	.1436	1.816	6.812	8.349	.0799	.4126	.1370	.1643	1.079
#1	18.27	12.33	.0538	.0067	.0048	2.949	.0290	.0594	1.622	.0042
#2	18.24	12.31	.0552	.0074	.0054	2.946	.0288	.0593	1.626	.0041

Elem	Zr3391
Avg	.0786
Stddev	.0004
%RSD	.5049
#1	.0783
#2	.0789

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74895.	21956.	2177.8	5790.8
Stddev	212.	12.	1.0	7.2
%RSD	.28262	.05600	.04712	.12356
#1	74745.	21947.	2178.5	5795.9
#2	75045.	21965.	2177.1	5785.8

Zoom In Zoom Out

Sample Name: ja59977-11 Acquired: 11/3/2010 19:09:06 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1341	.0010	-.0003	.0104	.1217	.0668	.2293	.0276	.0018	.1551
Stddev	.0001	.0000	.0001	.0002	.0002	.0000	.0007	.0000	.0005	.0000
%RSD	.1069	2.447	31.79	1.657	.1654	.0150	.3004	.1806	29.04	.0003
#1	.1340	.0010	-.0004	.0103	.1219	.0668	.2298	.0275	.0022	.1551
#2	.1342	.0010	-.0003	.0105	.1216	.0668	.2288	.0276	.0015	.1551

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0660	.0207	.0017	.0475	.0028	.0009	103.7	19.55	80.07	3.598
Stddev	.0000	.0011	.0005	.0004	.0020	.0001	.2	.10	.15	.014
%RSD	.0265	5.447	31.39	.8617	71.03	11.97	.1833	.5200	.1822	.3746
#1	.0660	.0199	.0021	.0472	.0043	.0009	103.8	19.62	80.17	3.607
#2	.0660	.0214	.0013	.0478	.0014	.0010	103.5	19.48	79.96	3.588

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.056	.6244	.0420	.0049	-.0027	2.190	.0246	.0664	1.867	-.0054
Stddev	.045	.0005	.0001	.0002	.0004	.004	.0001	.0000	.002	.0007
%RSD	.7366	.0818	.2853	4.091	15.29	.1837	.5033	.0641	.0792	12.73
#1	6.088	.6248	.0419	.0048	-.0024	2.187	.0247	.0665	1.868	-.0059
#2	6.025	.6241	.0420	.0051	-.0030	2.193	.0245	.0664	1.866	-.0049

Elem	Zr3391
Avg	.0518
Stddev	.0006
%RSD	1.077
#1	.0514
#2	.0522

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76312.	22163.	2232.0	6028.8
Stddev	126.	9.	6.8	12.7
%RSD	.16476	.04036	.30645	.21073
#1	76223.	22169.	2236.8	6037.8
#2	76401.	22157.	2227.2	6019.9

Zoom In Zoom Out

Sample Name: mp55467-sd1 Acquired: 11/3/2010 19:15:01 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1324	.0006	-.0007	.0111	.2101	.0682	.2405	.0910	.0006	.1568
Stddev	.0001	.0000	.0007	.0001	.0017	.0022	.0023	.0003	.0013	.0021
%RSD	.1097	.7510	94.22	.8312	.7872	3.176	.9515	.3277	217.7	1.335
#1	.1323	.0006	-.0002	.0111	.2089	.0666	.2389	.0912	-.0003	.1553
#2	.1325	.0006	-.0012	.0112	.2112	.0697	.2422	.0907	.0016	.1582

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.1479	.0218	-.0017	.0502	.0003	.0027	98.63	19.23	79.84	3.554
Stddev	.0003	.0028	.0068	.0006	.0014	.0029	1.05	.07	.62	.067
%RSD	.2303	13.02	401.0	1.230	422.7	106.7	1.061	.3588	.7708	1.890
#1	.1476	.0238	-.0065	.0506	-.0006	.0047	97.89	19.18	79.40	3.507
#2	.1481	.0198	.0031	.0497	.0013	.0007	99.37	19.28	80.27	3.602

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.849	.5948	.0449	.0081	-.0030	2.206	.0265	.0645	1.865	-.0397
Stddev	.088	.0071	.0004	.0002	.0057	.001	.0029	.0004	.033	.0013
%RSD	1.501	1.192	.9757	2.549	190.2	.0400	10.79	.6367	1.768	3.352
#1	5.787	.5898	.0452	.0080	-.0071	2.205	.0245	.0642	1.842	-.0387
#2	5.911	.5998	.0446	.0082	.0010	2.206	.0285	.0648	1.889	-.0406

Elem	Zr3391
Avg	.0619
Stddev	.0000
%RSD	.0556
#1	.0619
#2	.0619

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77060.	21807.	2240.4	6235.6
Stddev	30.	58.	1.5	1.0
%RSD	.03830	.26399	.06617	.01585
#1	77081.	21766.	2239.3	6236.3
#2	77039.	21847.	2241.4	6234.9

Zoom In Zoom Out

Sample Name: ja59977-1 Acquired: 11/3/2010 19:20:59 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1834	.0012	-.0004	.0131	.1309	.0601	.3955	.0422	.0014	.1742
Stddev	.0007	.0000	.0000	.0004	.0000	.0001	.0001	.0004	.0002	.0005
%RSD	.3593	1.624	3.119	2.736	.0011	.2138	.0236	.8360	12.12	.2959
#1	.1829	.0012	-.0004	.0128	.1309	.0600	.3955	.0425	.0015	.1746
#2	.1839	.0013	-.0004	.0133	.1309	.0602	.3956	.0420	.0013	.1739

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.1329	.0179	.0010	.0594	.0042	.0016	115.5	25.42	89.75	6.334
Stddev	.0002	.0013	.0001	.0008	.0017	.0017	.4	.00	.02	.013
%RSD	.1696	7.452	7.853	1.307	40.69	106.6	.3576	.0173	.0198	.2090
#1	.1331	.0189	.0010	.0588	.0054	.0028	115.2	25.42	89.73	6.344
#2	.1328	.0170	.0009	.0599	.0030	.0004	115.8	25.43	89.76	6.325

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.370	1.032	.0325	.0052	-.0051	1.954	.0263	.1251	2.761	-.0049
Stddev	.018	.008	.0000	.0001	.0006	.010	.0005	.0005	.001	.0001
%RSD	.5384	.7990	.0324	1.838	11.65	.4937	1.868	.3871	.0428	2.366
#1	3.358	1.026	.0325	.0052	-.0055	1.961	.0260	.1247	2.762	-.0050
#2	3.383	1.038	.0325	.0053	-.0047	1.947	.0267	.1254	2.760	-.0048

Elem	Zr3391
Avg	.0815
Stddev	.0002
%RSD	.2588
#1	.0817
#2	.0814

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76691.	22344.	2232.4	5980.3
Stddev	38.	22.	2.9	1.8
%RSD	.04991	.09643	.12862	.02995
#1	76718.	22359.	2234.4	5981.6
#2	76664.	22329.	2230.3	5979.1

Zoom In Zoom Out

Sample Name: ja59977-3 Acquired: 11/3/2010 19:26:53 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0222	.0001	-.0002	.0022	.0322	.0193	.0612	.0085	-.0001	.0343
Stddev	.0002	.0000	.0001	.0001	.0003	.0002	.0000	.0001	.0003	.0003
%RSD	.7695	27.54	37.30	4.371	.8796	1.201	.0273	.9420	405.6	.9295
#1	.0223	.0001	-.0002	.0022	.0324	.0194	.0612	.0086	.0001	.0345
#2	.0221	.0001	-.0001	.0021	.0320	.0191	.0611	.0084	-.0002	.0341

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0142	.0041	.0005	.0231	-.0007	-.0004	39.41	.2868	13.08	.1995
Stddev	.0001	.0003	.0008	.0002	.0008	.0001	.15	.0031	.04	.0063
%RSD	.3915	6.155	164.2	.6493	118.4	34.10	.3719	1.074	.3316	3.147
#1	.0141	.0039	-.0001	.0230	-.0013	-.0003	39.52	.2846	13.11	.2039
#2	.0142	.0043	.0011	.0232	-.0001	-.0005	39.31	.2890	13.05	.1950

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.4261	.1198	.0007	-.0010	-.0018	1.806	.0166	.0054	1.327	-.0085
Stddev	.0143	.0036	.0001	.0001	.0001	.007	.0005	.0000	.000	.0003
%RSD	3.364	3.045	14.35	5.937	7.970	.3807	2.811	.2967	.0281	3.358
#1	.4363	.1224	.0007	-.0010	-.0019	1.811	.0169	.0054	1.327	-.0087
#2	.4160	.1173	.0006	-.0010	-.0017	1.802	.0163	.0054	1.327	-.0083

Elem	Zr3391
Avg	.0256
Stddev	.0000
%RSD	.1631
#1	.0256
#2	.0256

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77389.	22008.	2248.2	6247.6
Stddev	154.	39.	3.4	4.2
%RSD	.19906	.17748	.14936	.06779
#1	77280.	21981.	2245.8	6244.6
#2	77498.	22036.	2250.5	6250.6

Zoom In Zoom Out

Sample Name: ja59977-6 Acquired: 11/3/2010 19:32:50 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1363	.0008	.0000	.0074	.0797	.0557	.2093	.0237	.0009	.1272
Stddev	.0003	.0000	.0000	.0002	.0002	.0005	.0000	.0000	.0001	.0007
%RSD	.2208	2.908	175.6	3.031	.2040	.8941	.0023	.0495	10.15	.5127
#1	.1361	.0008	.0000	.0073	.0795	.0554	.2093	.0237	.0009	.1277
#2	.1366	.0007	.0001	.0076	.0798	.0561	.2093	.0237	.0008	.1268

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0617	.0182	.0008	.0644	.0028	.0005	73.73	5.301	67.73	2.731
Stddev	.0000	.0001	.0014	.0005	.0026	.0003	.05	.024	.02	.014
%RSD	.0442	.7612	189.9	.7806	91.94	63.03	.0623	.4576	.0270	.5189
#1	.0617	.0181	-.0003	.0648	.0047	.0008	73.70	5.318	67.71	2.741
#2	.0617	.0183	.0018	.0641	.0010	.0003	73.76	5.284	67.74	2.721

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.247	.4426	.0267	.0028	-.0081	2.351	.0187	.0495	2.172	-.0065
Stddev	.023	.0041	.0001	.0000	.0011	.016	.0006	.0002	.005	.0003
%RSD	1.027	.9206	.3098	1.677	13.66	.6806	3.180	.3671	.2481	4.990
#1	2.263	.4397	.0267	.0028	-.0088	2.339	.0183	.0493	2.168	-.0067
#2	2.230	.4455	.0268	.0028	-.0073	2.362	.0192	.0496	2.175	-.0062

Elem	Zr3391
Avg	.0880
Stddev	.0041
%RSD	4.687
#1	.0910
#2	.0851

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77224.	22192.	2241.4	6109.5
Stddev	123.	41.	12.4	8.5
%RSD	.15971	.18346	.55232	.13841
#1	77311.	22221.	2250.1	6115.4
#2	77136.	22163.	2232.6	6103.5

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 19:38:47 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.949	2.050	1.962	1.960	1.927	2.011	1.996	1.975	.2416	1.989
Stddev	.000	.001	.005	.003	.000	.003	.001	.002	.0014	.001
%RSD	.0162	.0276	.2430	.1582	.0191	.1341	.0504	.0974	.6000	.0262
#1	1.948	2.050	1.958	1.958	1.927	2.009	1.996	1.977	.2406	1.990
#2	1.949	2.049	1.965	1.962	1.926	2.013	1.997	1.974	.2426	1.989
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.960	1.954	1.932	1.937	1.950	1.975	39.31	40.85	40.33	40.18
Stddev	.004	.005	.001	.001	.006	.002	.00	.10	.02	.00
%RSD	.1844	.2620	.0586	.0562	.3004	.1027	.0023	.2362	.0497	.0078
#1	1.958	1.951	1.931	1.938	1.945	1.973	39.31	40.92	40.35	40.17
#2	1.963	1.958	1.932	1.936	1.954	1.976	39.31	40.78	40.32	40.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.13	39.69	1.970	1.954	1.897	4.935	2.012	2.043	2.012	1.842
Stddev	.02	.02	.008	.009	.002	.015	.003	.001	.000	.009
%RSD	.0441	.0511	.4007	.4383	.1134	.2989	.1714	.0439	.0088	.4751
#1	40.11	39.68	1.964	1.948	1.895	4.925	2.009	2.042	2.012	1.836
#2	40.14	39.70	1.976	1.961	1.898	4.946	2.014	2.043	2.012	1.848
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 19:38:47 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.967
Stddev	.001
%RSD	.0506
#1	1.968
#2	1.966
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74304.	21244.	2155.0	5760.7
Stddev	169.	6.	5.1	.0
%RSD	.22741	.02956	.23500	.00071
#1	74423.	21249.	2158.6	5760.6
#2	74184.	21240.	2151.5	5760.7

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 19:44:36 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0005	.0004	.0002	.0007	.0000	.0006	.0003	-.0001
Stddev	.0002	.0000	.0002	.0001	.0000	.0003	.0001	.0000	.0000
%RSD	26.33	1.925	58.79	74.24	2.633	669.2	20.06	7.616	53.70
#1	.0005	.0005	.0005	.0003	.0007	.0002	.0005	.0003	-.0001
#2	.0007	.0005	.0002	.0001	.0007	-.0001	.0007	.0004	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0005	.0009	.0009	.0004	-.0005	.0003	.0135	.0063
Stddev	.0000	.0002	.0004	.0004	.0002	.0004	.0005	.0050	.0003
%RSD	2.879	28.60	46.67	37.92	50.96	96.07	169.1	37.26	4.732
#1	.0007	.0006	.0012	.0007	.0003	-.0008	.0007	.0171	.0066
#2	.0006	.0004	.0006	.0012	.0006	-.0001	-.0001	.0100	.0061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0131	.0160	.0383	.0092	.0002	.0019	.0007	.0016	.0009
Stddev	.0007	.0068	.0055	.0014	.0001	.0008	.0004	.0003	.0005
%RSD	5.164	42.67	14.46	15.33	36.28	40.05	53.54	20.74	50.64
#1	.0136	.0209	.0344	.0082	.0002	.0025	.0009	.0019	.0013
#2	.0126	.0112	.0422	.0102	.0001	.0014	.0004	.0014	.0006
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 19:44:36 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0005	.0007	.0004	.0006
Stddev	.0000	.0001	.0006	.0000
%RSD	6.300	20.45	162.3	8.111
#1	.0005	.0008	.0009	.0006
#2	.0004	.0006	-.0001	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76760.	21500.	2239.0	6313.6
Stddev	123.	66.	4.5	8.7
%RSD	.15992	.30672	.20087	.13832
#1	76673.	21454.	2242.2	6319.8
#2	76847.	21547.	2235.8	6307.4

Zoom In Zoom Out

Sample Name: ja59977-10 Acquired: 11/3/2010 19:50:39 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1460	.0013	-.0002	.0070	.1627	.0771	.1632	.0303	.0015	.1952
Stddev	.0000	.0000	.0001	.0003	.0002	.0002	.0001	.0000	.0006	.0001
%RSD	.0018	2.281	43.59	3.567	.1508	.2251	.0813	.1310	38.65	.0539
#1	.1460	.0013	-.0003	.0072	.1626	.0772	.1631	.0304	.0011	.1953
#2	.1460	.0013	-.0001	.0068	.1629	.0770	.1633	.0303	.0019	.1952

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0628	.0238	.0018	.0554	.0031	.0000	149.5	16.61	88.56	2.525
Stddev	.0005	.0020	.0007	.0000	.0004	.000	.2	.02	.10	.015
%RSD	.8208	8.367	40.84	.0901	12.17	670.8	.1395	.1467	.1174	.6022
#1	.0631	.0252	.0023	.0553	.0028	.0001	149.6	16.63	88.49	2.514
#2	.0624	.0224	.0013	.0554	.0034	-.0002	149.3	16.59	88.64	2.536

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	1.970	.2744	.0215	.0067	-.0066	2.317	.0199	.0929	1.893	-.0023
Stddev	.024	.0016	.0000	.0001	.0006	.009	.0002	.0003	.001	.0000
%RSD	1.199	.5876	.0185	1.453	8.610	.3881	.8018	.2760	.0463	.5315
#1	1.987	.2755	.0215	.0068	-.0070	2.323	.0201	.0928	1.894	-.0023
#2	1.953	.2732	.0215	.0066	-.0062	2.311	.0198	.0931	1.893	-.0023

Elem	Zr3391
Avg	.0795
Stddev	.0006
%RSD	.6966
#1	.0791
#2	.0798

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76287.	22201.	2255.6	6011.2
Stddev	158.	68.	4.1	12.0
%RSD	.20731	.30719	.18295	.19932
#1	76399.	22250.	2258.5	6019.7
#2	76175.	22153.	2252.7	6002.8

Zoom In Zoom Out

Sample Name: ja59977-12 Acquired: 11/3/2010 19:56:34 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1186	.0011	-.0003	.0055	.1448	.0661	.0809	.0290	.0010	.1686
Stddev	.0006	.0000	.0000	.0002	.0003	.0000	.0000	.0003	.0001	.0006
%RSD	.4886	.0375	11.23	3.128	.2049	.0348	.0194	1.181	13.63	.3542
#1	.1190	.0011	-.0004	.0054	.1450	.0662	.0809	.0287	.0011	.1690
#2	.1182	.0011	-.0003	.0056	.1446	.0661	.0809	.0292	.0009	.1682

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0350	.0244	-.0006	.0408	.0032	.0017	148.3	1.452	79.69	2.177
Stddev	.0000	.0005	.0015	.0011	.0008	.0003	1.0	.008	.45	.018
%RSD	.1410	2.136	253.6	2.644	25.59	19.44	.7012	.5212	.5627	.8145
#1	.0349	.0248	.0005	.0415	.0037	.0014	149.0	1.458	80.01	2.190
#2	.0350	.0241	-.0017	.0400	.0026	.0019	147.6	1.447	79.38	2.165

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.000	.2025	.0103	.0029	-.0036	2.442	.0223	.0179	1.080	-.0016
Stddev	.004	.0007	.0004	.0001	.0003	.000	.0010	.0001	.005	.0005
%RSD	.2040	.3249	3.913	4.422	8.152	.0107	4.340	.4942	.4939	29.98
#1	2.003	.2020	.0100	.0028	-.0034	2.442	.0216	.0179	1.084	-.0019
#2	1.997	.2029	.0106	.0029	-.0038	2.442	.0230	.0178	1.076	-.0012

Elem	Zr3391
Avg	.0596
Stddev	.0005
%RSD	.8239
#1	.0593
#2	.0600

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76201.	22134.	2265.1	6054.0
Stddev	200.	100.	3.3	5.3
%RSD	.26186	.45187	.14366	.08791
#1	76059.	22063.	2262.8	6050.3
#2	76342.	22205.	2267.4	6057.8

Zoom In Zoom Out

Sample Name: ja60288-7a Acquired: 11/3/2010 20:02:31 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.7495	.0117	-.0006	.1217	.2894	.1760	4.298	.2950	.0031	.3504
Stddev	.0009	.0001	.0000	.0001	.0000	.0002	.003	.0003	.0003	.0000
%RSD	.1226	.8964	1.244	.1172	.0092	.1179	.0742	.1019	9.868	.0129
#1	.7488	.0117	-.0006	.1218	.2894	.1758	4.295	.2952	.0029	.3504
#2	.7501	.0118	-.0006	.1216	.2894	.1761	4.300	.2948	.0034	.3504

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5966	.0451	-.0051	.1865	.0057	-.0013	155.4	12.07	272.1	60.62
Stddev	.0002	.0001	.0008	.0003	.0005	.0010	.4	.07	.6	.04
%RSD	.0389	.2124	16.53	.1420	8.122	77.60	.2652	.5588	.2066	.0646
#1	.5968	.0452	-.0045	.1863	.0054	-.0020	155.1	12.02	271.7	60.59
#2	.5965	.0451	-.0056	.1867	.0060	-.0006	155.7	12.12	272.5	60.65

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	21.24	2.411	.1805	.0061	.0004	2.234	.0187	.1287	3.601	-.0012
Stddev	.06	.004	.0003	.0001	.0002	.000	.0013	.0001	.005	.0001
%RSD	.3017	.1697	.1633	2.220	48.72	.0175	7.031	.1046	.1272	9.413
#1	21.20	2.408	.1803	.0062	.0003	2.234	.0177	.1286	3.597	-.0013
#2	21.29	2.414	.1807	.0061	.0006	2.234	.0196	.1288	3.604	-.0011

Elem	Zr3391
Avg	.0676
Stddev	.0002
%RSD	.3109
#1	.0674
#2	.0677

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79032.	22935.	2288.7	5718.4
Stddev	305.	87.	2.0	2.8
%RSD	.38600	.38117	.08794	.04850
#1	79247.	22996.	2290.1	5716.4
#2	78816.	22873.	2287.2	5720.3

Zoom In Zoom Out

Sample Name: ja60291-3a Acquired: 11/3/2010 20:08:24 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.145	.0077	-.0006	.0762	.1783	.2772	4.483	.1297	.0031	.2608
Stddev	.034	.0003	.0000	.0001	.0002	.0015	.015	.0002	.0006	.0001
%RSD	2.974	3.450	1.655	.0890	.1173	.5273	.3386	.1498	19.12	.0295
#1	1.121	.0075	-.0006	.0762	.1784	.2762	4.494	.1296	.0027	.2608
#2	1.169	.0079	-.0006	.0761	.1781	.2782	4.472	.1298	.0035	.2607

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.640	.0510	-.0004	.0890	.0043	-.0011	121.3	48.71	168.5	41.98
Stddev	.001	.0003	.0007	.0004	.0036	.0006	3.5	1.43	5.1	1.27
%RSD	.0818	.5455	167.8	.4813	83.86	49.42	2.880	2.935	3.019	3.024
#1	1.641	.0508	.0001	.0893	.0018	-.0007	118.8	47.69	164.9	41.09
#2	1.639	.0512	-.0009	.0887	.0069	-.0015	123.7	49.72	172.1	42.88

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	10.37	2.239	.0855	.0117	.0004	1.748	.0164	.3757	1.933	-.0036
Stddev	.33	.071	.0008	.0011	.0003	.011	.0007	.0108	.006	.0002
%RSD	3.195	3.173	.9920	9.782	69.57	.6397	4.435	2.885	.2930	5.265
#1	10.13	2.189	.0861	.0125	.0002	1.756	.0169	.3681	1.937	-.0038
#2	10.60	2.289	.0849	.0109	.0006	1.740	.0158	.3834	1.929	-.0035

Elem	Zr3391
Avg	.0411
Stddev	.0006
%RSD	1.397
#1	.0407
#2	.0415

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78155.	22216.	2269.1	5798.5
Stddev	67.	583.	7.8	15.0
%RSD	.08528	2.6247	.34538	.25790
#1	78202.	22628.	2274.6	5809.1
#2	78108.	21803.	2263.5	5788.0

Zoom In Zoom Out

Sample Name: ja59426-1a Acquired: 11/3/2010 20:14:18 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.6397	.0057	.0019	.1156	.2051	1.236	3.719	.4324	.0055	.3229
Stddev	.0013	.0000	.0000	.0002	.0007	.002	.014	.0005	.0004	.0012
%RSD	.2105	.5770	2.293	.1591	.3558	.1642	.3686	.1162	7.029	.3808
#1	.6407	.0057	.0020	.1154	.2046	1.235	3.709	.4328	.0058	.3220
#2	.6388	.0057	.0019	.1157	.2056	1.238	3.728	.4321	.0052	.3237

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	3.927	.0586	.0016	1.331	.0024	.0097	103.7	73.05	284.0	72.08
Stddev	.000	.0000	.0004	.002	.0015	.0015	.0	.02	.7	.22
%RSD	.0101	.0244	28.67	.1448	63.39	15.71	.0032	.0327	.2340	.3058
#1	3.927	.0586	.0019	1.332	.0035	.0107	103.7	73.06	284.5	72.24
#2	3.926	.0586	.0013	1.329	.0013	.0086	103.7	73.03	283.5	71.92

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.888	8.164	2.171	.0345	.0133	2.668	.2349	.2698	10.55	-.0011
Stddev	.040	.009	.004	.0003	.0012	.005	.0009	.0008	.05	.0006
%RSD	.6848	.1157	.1724	.9660	8.919	.1997	.3768	.2870	.4388	53.34
#1	5.859	8.171	2.168	.0343	.0125	2.664	.2343	.2704	10.52	-.0007
#2	5.916	8.157	2.173	.0347	.0142	2.671	.2355	.2693	10.59	-.0015

Elem	Zr3391
Avg	.1124
Stddev	.0013
%RSD	1.130
#1	.1115
#2	.1133

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75810.	21910.	2172.8	5649.3
Stddev	256.	9.	2.4	3.0
%RSD	.33715	.04077	.10835	.05334
#1	75991.	21904.	2174.4	5647.2
#2	75630.	21916.	2171.1	5651.5

Zoom In Zoom Out

Sample Name: ja59426-2a Acquired: 11/3/2010 20:20:10 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2309	.0007	.0000	.1175	.1568	1.230	2.516	.3972	.0038	.3743
Stddev	.0001	.0000	.000	.0001	.0002	.001	.002	.0010	.0006	.0011
%RSD	.0617	5.469	1009.	.1122	.0994	.1166	.0730	.2585	16.76	.2936
#1	.2308	.0007	-.0002	.1174	.1567	1.229	2.517	.3979	.0033	.3751
#2	.2310	.0007	.0001	.1176	.1570	1.231	2.515	.3965	.0042	.3735

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4135	.0208	-.0001	.1061	-.0017	.0044	176.8	127.8	289.4	83.00
Stddev	.0001	.0021	.0003	.0001	.0004	.0001	.6	.7	.9	.39
%RSD	.0332	10.02	421.4	.0566	24.73	1.410	.3149	.5100	.2989	.4639
#1	.4134	.0222	-.0003	.1061	-.0014	.0045	176.4	127.3	288.8	82.73
#2	.4136	.0193	.0001	.1060	-.0020	.0044	177.2	128.2	290.0	83.27

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.000	25.27	.2266	.0195	.0176	1.664	.0572	.5529	16.55	-.0012
Stddev	.013	.03	.0003	.0000	.0000	.019	.0008	.0012	.06	.0015
%RSD	.2533	.1283	.1211	.0518	.2589	1.127	1.347	.2210	.3386	118.5
#1	4.991	25.30	.2268	.0195	.0175	1.677	.0577	.5521	16.59	-.0002
#2	5.009	25.25	.2264	.0195	.0176	1.651	.0566	.5538	16.51	-.0023

Elem	Zr3391
Avg	.1549
Stddev	.0031
%RSD	1.994
#1	.1527
#2	.1571

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75501.	22019.	2157.6	5459.5
Stddev	77.	75.	4.3	8.1
%RSD	.10138	.34154	.19966	.14862
#1	75447.	22072.	2160.6	5465.2
#2	75555.	21966.	2154.5	5453.7

Zoom In Zoom Out

Sample Name: ja59426-3a Acquired: 11/3/2010 20:26:01 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.6466	.0025	.0055	.1059	.1561	.9296	8.178	.3507	.0044	.3071
Stddev	.0030	.0000	.0001	.0008	.0001	.0033	.002	.0015	.0000	.0015
%RSD	.4572	1.252	2.158	.7871	.0584	.3578	.0223	.4389	.1943	.4723
#1	.6445	.0024	.0055	.1053	.1562	.9273	8.177	.3496	.0044	.3081
#2	.6487	.0025	.0056	.1065	.1561	.9320	8.179	.3518	.0044	.3061

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.648	.0538	-.0026	.5530	-.0046	.0033	112.4	89.37	352.1	71.84
Stddev	.004	.0002	.0015	.0025	.0005	.0007	.7	.68	2.2	.50
%RSD	.2315	.3648	55.41	.4533	10.36	20.98	.5888	.7578	.6116	.7007
#1	1.646	.0539	-.0016	.5512	-.0049	.0038	111.9	88.90	350.6	71.48
#2	1.651	.0536	-.0036	.5548	-.0042	.0028	112.8	89.85	353.6	72.20

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.778	11.35	.5993	.0187	.0116	1.526	.0671	.6769	9.836	-.0032
Stddev	.030	.03	.0027	.0000	.0009	.001	.0009	.0036	.024	.0011
%RSD	.4411	.2430	.4544	.0595	7.418	.0931	1.337	.5335	.2399	33.59
#1	6.757	11.33	.5974	.0187	.0110	1.527	.0665	.6744	9.853	-.0040
#2	6.799	11.37	.6012	.0187	.0122	1.525	.0678	.6795	9.819	-.0024

Elem	Zr3391
Avg	.1191
Stddev	.0003
%RSD	.2638
#1	.1188
#2	.1193

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75628.	21938.	2156.7	5590.8
Stddev	26.	145.	10.5	20.7
%RSD	.03406	.66172	.48835	.37049
#1	75646.	22040.	2164.2	5605.4
#2	75610.	21835.	2149.3	5576.2

Zoom In Zoom Out

Sample Name: ja59426-4a Acquired: 11/3/2010 20:32:04 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2742	.0074	.0016	.1018	.2760	1.249	2.525	.3545	.0048	.3755
Stddev	.0011	.0000	.0002	.0001	.0010	.006	.002	.0006	.0003	.0000
%RSD	.4065	.4923	10.98	.1102	.3613	.4465	.0846	.1828	6.222	.0028
#1	.2735	.0074	.0015	.1018	.2767	1.253	2.526	.3550	.0046	.3755
#2	.2750	.0074	.0018	.1019	.2753	1.245	2.523	.3541	.0050	.3755

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	2.590	.0473	.0017	.7881	.0007	.0064	112.9	90.70	191.7	62.00
Stddev	.003	.0001	.0023	.0002	.0007	.0009	.2	.23	.1	.13
%RSD	.1206	.1950	135.1	.0233	94.90	13.47	.1942	.2531	.0436	.2073
#1	2.588	.0472	.0033	.7880	.0002	.0070	112.7	90.86	191.8	62.09
#2	2.593	.0474	.0001	.7883	.0011	.0058	113.0	90.53	191.6	61.91

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	4.417	8.355	5.287	.0225	.0060	1.657	.2068	.2363	10.54	-.0026
Stddev	.021	.017	.005	.0001	.0006	.001	.0001	.0003	.01	.0017
%RSD	.4668	.2070	.0998	.6207	10.57	.0331	.0516	.1177	.1111	65.36
#1	4.403	8.343	5.284	.0224	.0055	1.657	.2069	.2362	10.54	-.0038
#2	4.432	8.368	5.291	.0226	.0064	1.656	.2067	.2365	10.53	-.0014

Elem	Zr3391
Avg	.1390
Stddev	.0004
%RSD	.3019
#1	.1393
#2	.1387

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76663.	22040.	2193.0	5700.6
Stddev	113.	13.	3.6	8.7
%RSD	.14788	.05805	.16503	.15304
#1	76583.	22049.	2195.6	5706.8
#2	76743.	22031.	2190.5	5694.5

Zoom In Zoom Out

Sample Name: ja59426-5a Acquired: 11/3/2010 20:37:56 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.7112	.0100	.0015	.0976	.2536	.6617	3.394	.2734	.0043	.3604
Stddev	.0011	.0000	.0001	.0002	.0002	.0011	.001	.0007	.0003	.0002
%RSD	.1505	.2183	6.473	.1639	.0721	.1708	.0214	.2473	6.635	.0433
#1	.7104	.0101	.0016	.0975	.2537	.6609	3.394	.2739	.0045	.3605
#2	.7119	.0100	.0015	.0977	.2535	.6625	3.395	.2729	.0041	.3603

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.894	.0638	-.0048	2.062	.0032	.0014	158.4	37.35	272.9	48.82
Stddev	.001	.0001	.0014	.001	.0005	.0004	.0	.06	.0	.04
%RSD	.0567	.1713	30.05	.0263	15.29	28.35	.0075	.1551	.0064	.0888
#1	1.893	.0638	-.0058	2.063	.0029	.0017	158.4	37.39	272.9	48.86
#2	1.895	.0639	-.0038	2.062	.0036	.0011	158.4	37.31	272.9	48.79

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	19.92	4.768	.4178	.0127	-.0024	2.026	.1065	.2374	4.460	-.0023
Stddev	.00	.002	.0016	.0002	.0003	.006	.0003	.0004	.010	.0003
%RSD	.0042	.0509	.3780	1.389	12.33	.2745	.3056	.1698	.2213	11.19
#1	19.92	4.766	.4166	.0126	-.0027	2.029	.1067	.2371	4.453	-.0021
#2	19.92	4.770	.4189	.0129	-.0022	2.022	.1062	.2377	4.467	-.0025

Elem	Zr3391
Avg	.1203
Stddev	.0000
%RSD	.0192
#1	.1203
#2	.1203

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79838.	23117.	2293.3	5692.7
Stddev	396.	5.	7.5	3.6
%RSD	.49644	.02024	.32538	.06342
#1	80118.	23114.	2298.5	5695.3
#2	79558.	23120.	2288.0	5690.2

Zoom In Zoom Out

Sample Name: ja59426-6a Acquired: 11/3/2010 20:43:47 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2772	.0039	.0008	.0680	.1986	.9490	1.967	.2604	.0047	.2118
Stddev	.0000	.0001	.0002	.0005	.0009	.0047	.002	.0017	.0005	.0008
%RSD	.0076	1.503	22.08	.7926	.4590	.4934	.0997	.6458	9.711	.3664
#1	.2772	.0039	.0009	.0684	.1980	.9523	1.965	.2616	.0044	.2123
#2	.2772	.0040	.0007	.0676	.1993	.9457	1.968	.2592	.0051	.2112

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.746	.0532	-.0009	2.319	.0054	.0038	72.12	50.08	235.7	35.02
Stddev	.013	.0009	.0013	.016	.0000	.0006	.13	.09	.4	.06
%RSD	.7468	1.606	148.4	.6722	.4401	15.16	.1791	.1861	.1883	.1803
#1	1.755	.0538	.0000	2.330	.0054	.0042	72.03	50.01	235.4	35.06
#2	1.736	.0526	-.0019	2.308	.0055	.0034	72.21	50.14	236.0	34.97

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	8.205	4.341	.4668	.0234	.0026	2.557	.1270	.2751	4.377	-.0031
Stddev	.057	.024	.0042	.0007	.0016	.019	.0002	.0007	.000	.0001
%RSD	.6952	.5563	.8947	2.927	60.25	.7452	.1309	.2436	.0096	3.987
#1	8.165	4.324	.4698	.0239	.0015	2.570	.1268	.2747	4.377	-.0032
#2	8.246	4.358	.4639	.0229	.0037	2.543	.1271	.2756	4.377	-.0030

Elem	Zr3391
Avg	.0886
Stddev	.0004
%RSD	.4104
#1	.0889
#2	.0884

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77109.	22084.	2217.6	5847.8
Stddev	3.	9.	7.7	24.7
%RSD	.00429	.04124	.34572	.42257
#1	77111.	22091.	2212.2	5830.4
#2	77107.	22078.	2223.0	5865.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 20:49:41 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.947	2.043	1.953	1.948	1.919	2.001	2.001	1.976	.2399	1.987
Stddev	.003	.005	.000	.001	.001	.008	.002	.000	.0010	.000
%RSD	.1357	.2648	.0032	.0649	.0557	.3865	.0820	.0032	.4164	.0075
#1	1.948	2.047	1.953	1.947	1.918	2.006	2.000	1.976	.2406	1.987
#2	1.945	2.040	1.953	1.949	1.920	1.995	2.003	1.976	.2392	1.987
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.951	1.936	1.920	1.929	1.931	1.963	39.09	40.76	40.42	40.16
Stddev	.004	.002	.005	.001	.006	.003	.01	.16	.15	.13
%RSD	.1889	.1207	.2576	.0315	.3301	.1429	.0383	.3865	.3638	.3260
#1	1.949	1.937	1.916	1.929	1.936	1.965	39.11	40.87	40.53	40.25
#2	1.954	1.934	1.923	1.929	1.926	1.961	39.08	40.65	40.32	40.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.02	39.74	1.949	1.942	1.877	4.886	2.004	2.042	2.009	1.852
Stddev	.04	.01	.002	.005	.013	.004	.002	.004	.003	.003
%RSD	.0897	.0250	.0854	.2364	.6699	.0865	.0842	.1714	.1220	.1507
#1	40.05	39.73	1.947	1.939	1.886	4.889	2.003	2.044	2.007	1.851
#2	40.00	39.74	1.950	1.945	1.869	4.883	2.005	2.039	2.010	1.854
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 20:49:41 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.987
Stddev	.004
%RSD	.1996
#1	1.990
#2	1.984
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75001.	21183.	2179.6	5807.1
Stddev	350.	22.	3.6	5.4
%RSD	.46695	.10323	.16486	.09284
#1	74753.	21167.	2177.1	5803.3
#2	75248.	21198.	2182.2	5811.0

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 20:55:30 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0005	.0003	.0003	.0003	-.0004	.0008	.0003	.0000
Stddev	.0000	.0001	.0002	.0001	.0004	.0000	.0001	.0003	.0004
%RSD	1.526	12.71	57.71	28.90	123.8	5.119	8.254	116.3	6517.
#1	.0007	.0004	.0004	.0003	.0000	-.0004	.0009	.0005	.0003
#2	.0007	.0005	.0002	.0002	.0006	-.0005	.0008	.0000	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0005	.0007	.0007	.0009	-.0005	.0006	.0139	.0068
Stddev	.0001	.0001	.0005	.0001	.0007	.0008	.0002	.0024	.0023
%RSD	7.418	19.00	67.44	7.650	84.95	149.8	23.96	17.02	34.12
#1	.0007	.0006	.0010	.0008	.0014	-.0011	.0005	.0122	.0052
#2	.0008	.0004	.0004	.0007	.0004	.0000	.0008	.0155	.0085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0197	.0213	.0659	.0120	.0003	.0016	.0010	.0018	.0008
Stddev	.0017	.0047	.0086	.0019	.0005	.0007	.0001	.0003	.0004
%RSD	8.774	21.93	13.04	16.13	175.4	41.40	14.57	15.91	44.67
#1	.0185	.0246	.0720	.0134	.0006	.0021	.0011	.0020	.0011
#2	.0209	.0180	.0598	.0106	-.0001	.0012	.0009	.0016	.0006
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 20:55:30 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0005	.0009	.0011	.0007
Stddev	.0001	.0001	.0005	.0001
%RSD	13.27	6.552	47.21	11.45
#1	.0004	.0008	.0015	.0008
#2	.0005	.0009	.0008	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	77740.	21489.	2259.8	6359.2
Stddev	79.	7.	1.4	5.0
%RSD	.10214	.03093	.06047	.07866
#1	77683.	21485.	2260.8	6362.8
#2	77796.	21494.	2258.8	6355.7

Zoom In Zoom Out

Sample Name: ja59426-7a Acquired: 11/3/2010 21:01:33 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.4134	.0050	.0006	.1018	.1972	1.014	3.004	.3422	.0036	.3105
Stddev	.0017	.0000	.0001	.0005	.0001	.001	.005	.0002	.0002	.0000
%RSD	.4025	.6228	17.17	.4908	.0275	.1152	.1844	.0569	5.657	.0120
#1	.4122	.0050	.0007	.1021	.1972	1.015	3.000	.3420	.0035	.3105
#2	.4145	.0050	.0005	.1014	.1971	1.013	3.008	.3423	.0038	.3106

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	1.719	.0341	.0009	1.777	.0029	.0037	112.1	91.06	259.8	67.65
Stddev	.002	.0008	.0005	.001	.0009	.0002	.8	.74	1.6	.56
%RSD	.1311	2.387	57.46	.0786	30.86	5.346	.7061	.8082	.6068	.8261
#1	1.718	.0347	.0013	1.778	.0022	.0038	111.5	90.54	258.6	67.25
#2	1.721	.0335	.0005	1.776	.0035	.0035	112.6	91.58	260.9	68.04

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	8.176	10.38	.4468	.0213	.0136	2.069	.1218	.4560	8.951	-.0010
Stddev	.103	.05	.0005	.0002	.0001	.015	.0002	.0017	.011	.0008
%RSD	1.256	.5261	.1183	.8182	.5156	.7314	.1290	.3676	.1214	74.85
#1	8.103	10.35	.4472	.0215	.0136	2.079	.1219	.4549	8.958	-.0016
#2	8.248	10.42	.4465	.0212	.0135	2.058	.1217	.4572	8.943	-.0005

Elem	Zr3391
Avg	.0909
Stddev	.0016
%RSD	1.729
#1	.0898
#2	.0920

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77354.	22170.	2221.1	5649.7
Stddev	40.	171.	.1	2.5
%RSD	.05141	.77268	.00594	.04499
#1	77326.	22291.	2221.2	5647.9
#2	77382.	22049.	2221.0	5651.5

Zoom In Zoom Out

Sample Name: ja59426-9a Acquired: 11/3/2010 21:07:25 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.6163	.0372	.0016	.1548	.2137	3.402	2.631	.9909	.0054	.3064
Stddev	.0002	.0001	.0000	.0000	.0009	.003	.001	.0012	.0002	.0002
%RSD	.0387	.1438	.6702	.0265	.4076	.0910	.0207	.1216	4.254	.0809
#1	.6162	.0372	.0016	.1548	.2131	3.400	2.631	.9900	.0056	.3066
#2	.6165	.0371	.0016	.1548	.2143	3.404	2.630	.9917	.0052	.3063

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	14.93	.0443	.0028	2.707	.0086	.0144	99.06	62.61	228.6	50.22
Stddev	.02	.0002	.0017	.001	.0002	.0002	.06	.09	.2	.08
%RSD	.1129	.3962	58.95	.0196	1.826	1.189	.0645	.1402	.0872	.1563
#1	14.92	.0444	.0040	2.706	.0087	.0145	99.01	62.68	228.8	50.28
#2	14.94	.0442	.0017	2.707	.0085	.0142	99.10	62.55	228.5	50.17

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.925	8.942	1.427	.0861	.0038	2.614	1.175	.3386	7.851	.0174
Stddev	.014	.002	.000	.0005	.0007	.017	.001	.0005	.002	.0004
%RSD	.1973	.0198	.0160	.5627	18.41	.6326	.0587	.1424	.0201	2.047
#1	6.916	8.940	1.426	.0857	.0043	2.626	1.174	.3383	7.852	.0171
#2	6.935	8.943	1.427	.0864	.0033	2.603	1.175	.3390	7.850	.0176

Elem	Zr3391
Avg	.1405
Stddev	.0008
%RSD	.6015
#1	.1399
#2	.1410

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77587.	22120.	2220.4	5748.2
Stddev	167.	35.	2.6	2.4
%RSD	.21480	.15773	.11533	.04130
#1	77705.	22096.	2222.2	5749.9
#2	77469.	22145.	2218.6	5746.5

Zoom In Zoom Out

Sample Name: ja59426-11a Acquired: 11/3/2010 21:13:14 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.6134	.0229	-.0004	.1133	.1862	2.229	2.522	.6271	.0040	.2151
Stddev	.0009	.0001	.0001	.0001	.0002	.004	.007	.0003	.0004	.0007
%RSD	.1530	.2582	22.58	.1190	.1060	.1703	.2620	.0530	9.802	.3171
#1	.6141	.0229	-.0004	.1134	.1860	2.226	2.517	.6268	.0038	.2147
#2	.6128	.0230	-.0005	.1132	.1863	2.232	2.526	.6273	.0043	.2156

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	14.22	.0615	.0026	2.369	.0120	.0061	81.47	25.38	203.3	26.35
Stddev	.00	.0003	.0003	.000	.0014	.0008	.04	.08	.1	.02
%RSD	.0264	.4067	12.65	.0154	11.30	13.09	.0477	.3035	.0382	.0772
#1	14.22	.0617	.0029	2.369	.0110	.0056	81.44	25.33	203.3	26.34
#2	14.22	.0614	.0024	2.368	.0130	.0067	81.50	25.44	203.2	26.37

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	9.883	2.847	.5879	.0704	.0009	2.211	1.129	.2443	3.130	.0105
Stddev	.068	.004	.0005	.0001	.0005	.001	.002	.0007	.002	.0007
%RSD	.6878	.1491	.0766	.1559	58.10	.0654	.1630	.2827	.0774	6.437
#1	9.835	2.850	.5876	.0703	.0005	2.212	1.130	.2448	3.132	.0110
#2	9.932	2.844	.5882	.0704	.0013	2.210	1.128	.2438	3.129	.0100

Elem	Zr3391
Avg	.0928
Stddev	.0004
%RSD	.4021
#1	.0925
#2	.0931

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79061.	22285.	2285.2	5937.9
Stddev	32.	50.	4.2	6.2
%RSD	.04100	.22296	.18245	.10458
#1	79084.	22320.	2282.2	5933.5
#2	79038.	22250.	2288.1	5942.3

Zoom In Zoom Out

Sample Name: ja59426-13a Acquired: 11/3/2010 21:19:04 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.3760	.0271	-.0003	.1598	.1727	3.072	2.382	.9642	.0034	.2720
Stddev	.0011	.0001	.0001	.0004	.0008	.007	.012	.0010	.0002	.0016
%RSD	.2874	.3059	29.37	.2698	.4448	.2391	.4967	.0994	4.855	.5952
#1	.3752	.0271	-.0004	.1601	.1722	3.067	2.374	.9648	.0033	.2708
#2	.3767	.0272	-.0003	.1595	.1733	3.077	2.390	.9635	.0035	.2731

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	13.94	.0167	.0050	2.121	.0053	.0090	83.73	66.63	185.9	51.65
Stddev	.03	.0002	.0001	.002	.0009	.0005	.13	.38	.7	.20
%RSD	.2239	1.007	1.327	.0714	17.39	5.978	.1563	.5700	.3842	.3809
#1	13.96	.0166	.0051	2.120	.0046	.0086	83.64	66.90	186.4	51.79
#2	13.92	.0168	.0050	2.122	.0060	.0094	83.83	66.36	185.4	51.51

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.414	8.894	1.425	.0941	.0136	1.163	1.219	.2187	10.09	.0215
Stddev	.012	.012	.002	.0006	.0005	.013	.003	.0004	.05	.0001
%RSD	.3615	.1326	.1104	.6011	3.497	1.110	.2803	.1656	.4941	.2369
#1	3.405	8.885	1.424	.0937	.0139	1.172	1.221	.2185	10.05	.0215
#2	3.423	8.902	1.426	.0945	.0132	1.153	1.216	.2190	10.12	.0214

Elem	Zr3391
Avg	.1055
Stddev	.0023
%RSD	2.135
#1	.1039
#2	.1071

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77404.	21970.	2232.0	5838.7
Stddev	321.	97.	1.5	4.3
%RSD	.41472	.44028	.06532	.07396
#1	77631.	21901.	2233.0	5841.8
#2	77177.	22038.	2231.0	5835.6

Zoom In Zoom Out

Sample Name: ja59426-15a Acquired: 11/3/2010 21:24:55 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.6494	.0079	.0017	.0908	.1937	1.053	1.913	.3254	.0045	.3266
Stddev	.0004	.0000	.0001	.0002	.0003	.001	.005	.0011	.0000	.0004
%RSD	.0605	.1845	5.273	.2395	.1433	.1091	.2723	.3268	.7911	.1087
#1	.6496	.0079	.0018	.0906	.1939	1.053	1.916	.3262	.0045	.3269
#2	.6491	.0079	.0017	.0909	.1935	1.054	1.909	.3247	.0045	.3263

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	3.814	.0504	.0018	2.089	.0055	.0047	89.42	50.62	181.1	43.83
Stddev	.006	.0001	.0013	.000	.0003	.0005	.04	.06	.1	.14
%RSD	.1610	.2483	74.58	.0043	5.230	9.555	.0409	.1110	.0523	.3253
#1	3.819	.0505	.0008	2.090	.0053	.0044	89.44	50.66	181.2	43.93
#2	3.810	.0503	.0027	2.089	.0057	.0051	89.39	50.58	181.0	43.73

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.633	4.775	1.207	.0220	-.0005	2.627	.2015	.3053	7.117	-.0003
Stddev	.009	.006	.001	.0000	.0006	.008	.0005	.0005	.011	.0009
%RSD	.1601	.1258	.0795	.1160	107.7	.3079	.2282	.1766	.1471	334.2
#1	5.639	4.779	1.208	.0220	-.0001	2.633	.2019	.3049	7.125	.0004
#2	5.627	4.770	1.207	.0220	-.0010	2.622	.2012	.3057	7.110	-.0010

Elem	Zr3391
Avg	.1412
Stddev	.0030
%RSD	2.106
#1	.1434
#2	.1391

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77064.	21929.	2237.3	5838.4
Stddev	168.	86.	.5	3.6
%RSD	.21747	.39151	.02033	.06128
#1	76946.	21869.	2237.7	5840.9
#2	77183.	21990.	2237.0	5835.8

Zoom In Zoom Out

Sample Name: ja59425-2 Acquired: 11/3/2010 21:30:48 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0073	-.0001	-.0001	.0006	.0000	.0472	.0830	.0025	-.0002	.0007
Stddev	.0000	.0000	.0000	.0001	.000	.0001	.0000	.0001	.0000	.0003
%RSD	.5225	26.05	16.52	9.553	1044.	.2080	.0333	4.370	4.531	39.36
#1	.0073	-.0001	-.0001	.0006	-.0001	.0472	.0830	.0024	-.0002	.0005
#2	.0074	-.0001	-.0001	.0007	.0001	.0473	.0830	.0026	-.0002	.0009

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0064	.0003	-.0017	.0009	.0008	.0013	.0310	12.63	.6846	45.50
Stddev	.0004	.0006	.0013	.0002	.0013	.0004	.0056	.00	.0001	.15
%RSD	6.533	214.7	73.06	21.31	156.6	32.84	17.95	.0389	.0088	.3201
#1	.0061	-.0001	-.0008	.0008	.0018	.0010	.0271	12.63	.6847	45.39
#2	.0067	.0007	-.0026	.0010	-.0001	.0016	.0350	12.64	.6846	45.60

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	1.264	10.62	.0574	.0019	-.0041	.6247	.0028	.0931	.0022	-.0052
Stddev	.005	.01	.0001	.0001	.0005	.0012	.0001	.0000	.0001	.0006
%RSD	.3616	.0853	.1048	6.111	12.80	.1869	2.680	.0487	3.421	10.76
#1	1.260	10.61	.0574	.0020	-.0038	.6255	.0027	.0931	.0023	-.0056
#2	1.267	10.62	.0574	.0019	-.0045	.6239	.0028	.0931	.0022	-.0048

Elem	Zr3391
Avg	.0190
Stddev	.0007
%RSD	3.761
#1	.0195
#2	.0185

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76041.	21383.	2189.9	6126.6
Stddev	118.	96.	1.7	2.2
%RSD	.15545	.44708	.07784	.03667
#1	75957.	21450.	2188.7	6128.2
#2	76124.	21315.	2191.1	6125.1

Zoom In Zoom Out

Sample Name: ja59425-3 Acquired: 11/3/2010 21:36:45 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0253	.0000	-.0003	-.0006	.0000	.0007	1.612	-.0006	.0002	.0003
Stddev	.0002	.000	.0001	.0001	.0000	.0001	.002	.0004	.0000	.0000
%RSD	.8191	1084.	57.93	11.17	109.8	19.16	.1475	57.73	19.50	1.659
#1	.0252	.0000	-.0001	-.0007	.0000	.0008	1.611	-.0009	.0002	.0003
#2	.0255	.0000	-.0004	-.0006	.0000	.0006	1.614	-.0004	.0003	.0003

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0021	.0004	-.0019	.0003	.0000	.0004	.0200	18.33	13.36	26.04
Stddev	.0001	.0006	.0004	.0000	.001	.0000	.0006	.02	.03	.01
%RSD	2.800	158.7	22.28	3.823	3631.	7.695	3.097	.1023	.2040	.0214
#1	.0021	.0008	-.0022	.0003	.0007	.0004	.0195	18.34	13.34	26.04
#2	.0022	.0000	-.0016	.0003	-.0008	.0004	.0204	18.32	13.38	26.04

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.085	12.84	.0743	.0011	-.0009	2.406	.0018	.1253	.0010	-.0051
Stddev	.025	.03	.0000	.0000	.0012	.002	.0001	.0000	.0005	.0004
%RSD	1.206	.2410	.0058	2.898	126.2	.0881	5.400	.0044	47.80	8.684
#1	2.103	12.86	.0743	.0011	-.0018	2.408	.0018	.1253	.0014	-.0048
#2	2.067	12.82	.0743	.0012	-.0001	2.405	.0017	.1253	.0007	-.0054

Elem	Zr3391
Avg	.0046
Stddev	.0001
%RSD	3.031
#1	.0045
#2	.0047

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76592.	21266.	2200.2	6142.6
Stddev	328.	34.	4.4	6.0
%RSD	.42805	.16218	.20000	.09715
#1	76360.	21291.	2197.1	6138.4
#2	76824.	21242.	2203.4	6146.8

Zoom In Zoom Out

Sample Name: ja59425-4 Acquired: 11/3/2010 21:42:43 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1657	.0004	-.0008	.0009	-.0006	.0227	8.938	.0002	-.0001	-.0022
Stddev	.0007	.0000	.0002	.0000	.0002	.0001	.114	.0001	.0005	.0000
%RSD	.4421	3.926	19.31	2.356	42.21	.5191	1.276	62.04	563.2	1.576
#1	.1662	.0005	-.0010	.0009	-.0004	.0226	8.857	.0001	.0003	-.0021
#2	.1652	.0004	-.0007	.0008	-.0007	.0228	9.019	.0002	-.0004	-.0022

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0355	.0016	-.0009	.0041	.0016	-.0005	-.0032	32.23	14.21	17.42
Stddev	.0000	.0007	.0004	.0002	.0005	.0001	.0028	.07	.03	.01
%RSD	.1269	46.23	47.99	5.898	30.01	14.71	85.21	.2251	.1968	.0804
#1	.0355	.0021	-.0006	.0042	.0020	-.0004	-.0013	32.28	14.23	17.43
#2	.0355	.0011	-.0012	.0039	.0013	-.0005	-.0052	32.18	14.19	17.41

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	1.854	14.33	.0720	.0040	-.0013	13.51	-.0025	.2449	.0004	-.0059
Stddev	.001	.03	.0001	.0001	.0007	.02	.0005	.0002	.0002	.0005
%RSD	.0535	.2259	.0987	3.218	55.34	.1601	18.97	.0897	46.99	7.962
#1	1.854	14.35	.0721	.0041	-.0008	13.52	-.0021	.2451	.0003	-.0062
#2	1.853	14.31	.0720	.0039	-.0018	13.49	-.0028	.2448	.0006	-.0055

Elem	Zr3391
Avg	-.0016
Stddev	.0001
%RSD	7.569
#1	-.0017
#2	-.0015

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76348.	21051.	2219.1	6149.4
Stddev	208.	38.	3.8	6.7
%RSD	.27214	.18091	.17339	.10928
#1	76495.	21024.	2216.4	6144.6
#2	76201.	21078.	2221.8	6154.2

Zoom In / Zoom Out

Sample Name: ja59425-5 Acquired: 11/3/2010 21:48:47 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0215	-.0001	.0016	-.0001	.0016	.0132	.2630	.0027	-.0001	.0008
Stddev	.0002	.0000	.0000	.0001	.0001	.0002	.0004	.0000	.0001	.0001
%RSD	.7910	4.771	1.730	61.52	3.510	1.383	.1512	.1495	80.70	14.22
#1	.0216	-.0001	.0016	-.0001	.0017	.0133	.2627	.0027	-.0001	.0009
#2	.0214	-.0001	.0016	-.0002	.0016	.0131	.2633	.0027	-.0002	.0007

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0980	.0000	-.0012	.0061	-.0001	.0012	.1861	8.008	6.934	1.341
Stddev	.0004	.000	.0010	.0004	.0004	.0002	.0051	.008	.003	.019
%RSD	.4110	195.1	82.43	6.231	415.7	12.40	2.720	.0989	.0392	1.385
#1	.0982	.0000	-.0019	.0058	-.0003	.0011	.1897	8.014	6.932	1.354
#2	.0977	-.0001	-.0005	.0063	.0002	.0014	.1825	8.003	6.935	1.328

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.863	21.29	.0836	.0006	-.0007	2.198	.0025	.0838	.0073	-.0061
Stddev	.032	.02	.0001	.0001	.0002	.002	.0007	.0001	.0003	.0000
%RSD	.8151	.1020	.1655	8.206	29.55	.0852	26.30	.1289	3.433	.1543
#1	3.841	21.28	.0835	.0007	-.0009	2.199	.0020	.0839	.0075	-.0061
#2	3.885	21.31	.0837	.0006	-.0006	2.197	.0029	.0837	.0072	-.0061

Elem	Zr3391
Avg	.0090
Stddev	.0002
%RSD	2.283
#1	.0092
#2	.0089

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77326.	21335.	2237.2	6270.0
Stddev	84.	3.	.5	.3
%RSD	.10818	.01242	.02284	.00449
#1	77267.	21333.	2236.9	6270.2
#2	77385.	21337.	2237.6	6269.8

Zoom In / Zoom Out

Sample Name: ja59425-6 Acquired: 11/3/2010 21:54:45 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0510	.0000	.0015	-.0001	.0122	.0443	.8298	.0067	.0003	.0017
Stddev	.0002	.000	.0001	.0001	.0001	.0005	.0011	.0002	.0004	.0000
%RSD	.3289	39.61	4.849	51.78	.4575	1.080	.1312	2.257	133.7	.5120
#1	.0511	.0000	.0014	-.0001	.0122	.0446	.8291	.0066	.0006	.0017
#2	.0509	-.0001	.0015	-.0002	.0123	.0440	.8306	.0068	.0000	.0017

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.1590	.0011	-.0012	.0176	.0012	.0012	.2813	14.55	28.43	4.309
Stddev	.0001	.0003	.0008	.0006	.0001	.0003	.0007	.02	.02	.007
%RSD	.0544	26.92	66.60	3.491	11.21	23.15	.2589	.1218	.0605	.1589
#1	.1590	.0013	-.0006	.0181	.0011	.0014	.2808	14.57	28.44	4.313
#2	.1591	.0009	-.0018	.0172	.0013	.0010	.2819	14.54	28.42	4.304

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	7.400	54.75	.2669	.0042	-.0032	4.901	.0020	.1221	.0154	-.0057
Stddev	.035	.01	.0001	.0001	.0005	.011	.0002	.0001	.0007	.0001
%RSD	.4720	.0161	.0258	2.773	16.80	.2225	10.48	.0936	4.794	1.914
#1	7.376	54.76	.2669	.0041	-.0036	4.893	.0019	.1222	.0148	-.0056
#2	7.425	54.75	.2668	.0043	-.0028	4.909	.0022	.1221	.0159	-.0058

Elem	Zr3391
Avg	.0261
Stddev	.0013
%RSD	5.071
#1	.0270
#2	.0252

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75842.	21252.	2187.8	6072.3
Stddev	19.	50.	6.8	6.4
%RSD	.02500	.23609	.30869	.10488
#1	75856.	21216.	2192.6	6076.8
#2	75829.	21287.	2183.1	6067.8

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/3/2010 22:00:43 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.921	2.063	1.938	1.921	1.911	2.032	2.000	1.974	.2384	1.980
Stddev	.001	.001	.000	.002	.004	.001	.003	.000	.0002	.002
%RSD	.0298	.0546	.0012	.0805	.1950	.0670	.1399	.0197	.0903	.0741
#1	1.921	2.062	1.938	1.920	1.914	2.031	2.002	1.975	.2386	1.981
#2	1.922	2.064	1.937	1.923	1.909	2.033	1.998	1.974	.2382	1.979
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.946	1.926	1.901	1.919	1.905	1.946	39.35	41.56	40.57	40.62
Stddev	.001	.001	.007	.000	.003	.002	.03	.01	.02	.00
%RSD	.0515	.0363	.3633	.0010	.1339	.1247	.0790	.0259	.0584	.0071
#1	1.946	1.925	1.896	1.919	1.906	1.944	39.33	41.55	40.55	40.62
#2	1.947	1.926	1.906	1.919	1.903	1.948	39.37	41.56	40.59	40.61
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.56	39.52	1.929	1.926	1.865	4.833	2.001	2.035	2.038	1.860
Stddev	.09	.08	.000	.005	.000	.007	.001	.002	.003	.011
%RSD	.2156	.1944	.0139	.2534	.0093	.1481	.0530	.1115	.1637	.5641
#1	40.62	39.58	1.929	1.922	1.864	4.828	2.000	2.034	2.040	1.852
#2	40.50	39.47	1.929	1.929	1.865	4.838	2.002	2.037	2.036	1.867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/3/2010 22:00:43 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.947
Stddev	.003
%RSD	.1258
#1	1.946
#2	1.949
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75681.	21107.	2216.4	5868.3
Stddev	134.	35.	.5	.3
%RSD	.17691	.16604	.02222	.00485
#1	75586.	21082.	2216.7	5868.1
#2	75775.	21132.	2216.0	5868.5

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 22:06:32 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0004	.0004	.0004	.0002	-.0008	.0006	.0002	-.0004
Stddev	.0000	.0000	.0000	.0002	.0003	.0000	.0000	.0002	.0002
%RSD	5.950	8.538	8.124	42.90	106.2	1.285	5.780	76.41	54.36
#1	.0007	.0004	.0004	.0005	.0001	-.0008	.0006	.0004	-.0005
#2	.0007	.0005	.0004	.0003	.0004	-.0008	.0006	.0001	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0006	-.0003	.0007	.0012	-.0016	.0011	.0157	.0071
Stddev	.0000	.0000	.0001	.0007	.0000	.0007	.0008	.0014	.0024
%RSD	4.778	7.931	56.22	106.8	1.024	42.67	74.73	8.728	34.67
#1	.0009	.0005	-.0004	.0012	.0012	-.0021	.0017	.0167	.0053
#2	.0008	.0006	-.0002	.0002	.0012	-.0011	.0005	.0148	.0088
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0126	.0072	.0578	.0098	.0003	.0019	.0009	.0022	.0006
Stddev	.0005	.0066	.0070	.0013	.0004	.0007	.0006	.0002	.0002
%RSD	4.279	90.87	12.07	13.40	140.8	38.10	63.84	7.421	38.59
#1	.0122	.0026	.0529	.0088	.0005	.0024	.0013	.0021	.0007
#2	.0130	.0118	.0628	.0107	.0000	.0014	.0005	.0024	.0004
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 22:06:32 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0005	.0005	.0014	.0007
Stddev	.0001	.0002	.0003	.0000
%RSD	14.40	45.69	21.20	4.537
#1	.0004	.0003	.0016	.0008
#2	.0005	.0006	.0012	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	77991.	21178.	2295.6	6420.1
Stddev	1.	93.	1.8	5.2
%RSD	.00148	.43786	.07996	.08069
#1	77990.	21113.	2294.3	6416.4
#2	77992.	21244.	2296.9	6423.7

Zoom In Zoom Out

Sample Name: ja59425-7 Acquired: 11/3/2010 22:12:35 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0003	-.0001	.0000	-.0001	-.0007	-.0009	.0000	.0000	-.0002	.0001
Stddev	.0001	.0000	.000	.0001	.0000	.0003	.0000	.0001	.0001	.0000
%RSD	38.85	43.11	325.2	83.97	4.070	33.63	202.2	413.2	56.18	30.30
#1	.0003	-.0001	-.0001	-.0002	-.0007	-.0011	.0000	.0000	-.0001	.0001
#2	.0002	.0000	.0001	-.0001	-.0007	-.0007	.0001	.0001	-.0003	.0002

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0004	.0003	-.0011	-.0003	.0000	.0011	.0013	.0042	.0025	.0015
Stddev	.0000	.0001	.0009	.0009	.0010	.0008	.0039	.0004	.0004	.0103
%RSD	11.38	55.63	83.75	301.5	2373.	74.41	313.4	10.18	14.33	708.3
#1	.0004	.0004	-.0017	-.0010	-.0007	.0005	.0040	.0039	.0028	-.0059
#2	.0004	.0002	-.0004	.0003	.0007	.0016	-.0015	.0045	.0023	.0088

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0483	.0002	-.0003	-.0006	.0004	.0150	.0032	-.0001	.0001	-.0014
Stddev	.0017	.0004	.0002	.0000	.0000	.0006	.0001	.0000	.0003	.0001
%RSD	3.620	239.2	77.19	3.869	2.430	4.293	4.078	14.70	421.3	8.247
#1	.0495	-.0001	-.0001	-.0005	.0004	.0145	.0031	-.0001	.0003	-.0013
#2	.0470	.0004	-.0004	-.0006	.0005	.0154	.0033	-.0001	-.0001	-.0015

Elem	Zr3391
Avg	.0009
Stddev	.0001
%RSD	8.917
#1	.0008
#2	.0009

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77589.	21207.	2267.7	6379.7
Stddev	70.	18.	2.7	2.8
%RSD	.09076	.08589	.11885	.04373
#1	77639.	21220.	2265.8	6377.7
#2	77539.	21194.	2269.6	6381.7

Zoom In Zoom Out

Sample Name: ja59425-1f Acquired: 11/3/2010 22:18:38 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0159	-.0001	-.0002	-.0006	.0000	-.0007	.6844	.0002	-.0003	.0002
Stddev	.0001	.0000	.0000	.0000	.000	.0000	.0029	.0003	.0003	.0002
%RSD	.5167	4.208	11.75	1.821	303.9	1.111	.4236	155.8	103.8	88.40
#1	.0160	-.0001	-.0002	-.0006	-.0001	-.0007	.6865	.0000	-.0001	.0004
#2	.0159	-.0001	-.0002	-.0006	.0000	-.0007	.6824	.0004	-.0004	.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0009	.0008	.0008	.0006	-.0001	.0009	.0041	13.55	3.638	12.31
Stddev	.0000	.0009	.0017	.0002	.0003	.0000	.0015	.01	.002	.01
%RSD	5.161	108.3	220.3	24.94	257.9	3.705	37.10	.0890	.0630	.1167
#1	.0009	.0014	-.0004	.0008	-.0003	.0009	.0052	13.54	3.636	12.32
#2	.0009	.0002	.0020	.0005	.0001	.0009	.0030	13.56	3.640	12.30

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.341	23.00	.0619	.0019	-.0007	.4725	.0020	.0933	.0001	.0385
Stddev	.006	.02	.0001	.0001	.0005	.0003	.0003	.0001	.0001	.0022
%RSD	.2578	.0866	.2020	3.740	66.04	.0540	14.79	.1309	44.15	5.775
#1	2.337	23.01	.0618	.0018	-.0004	.4726	.0022	.0934	.0001	.0369
#2	2.345	22.98	.0620	.0019	-.0010	.4723	.0018	.0932	.0002	.0400

Elem	Zr3391
Avg	.0030
Stddev	.0000
%RSD	1.567
#1	.0030
#2	.0030

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77081.	21351.	2223.6	6192.9
Stddev	26.	45.	.8	3.1
%RSD	.03432	.20933	.03748	.05041
#1	77062.	21383.	2224.2	6190.7
#2	77100.	21320.	2223.0	6195.1

Zoom In Zoom Out

Sample Name: ja59425-2f Acquired: 11/3/2010 22:24:37 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0129	-.0001	-.0002	.0014	.0003	.0004	.0967	.0010	-.0003	.0004
Stddev	.0001	.0000	.0001	.0001	.0003	.0001	.0004	.0002	.0003	.0001
%RSD	.6996	4.251	34.88	10.25	96.88	33.15	.4387	17.53	124.3	31.33
#1	.0130	-.0001	-.0001	.0013	.0001	.0003	.0964	.0009	.0000	.0003
#2	.0129	-.0001	-.0002	.0015	.0005	.0004	.0970	.0012	-.0005	.0005

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0015	.0026	.0020	.0004	.0013	.0013	.0093	25.76	.0368	55.19
Stddev	.0000	.0002	.0004	.0002	.0007	.0002	.0081	.07	.0010	.05
%RSD	2.381	7.337	20.79	35.86	56.58	15.69	87.39	.2878	2.603	.0960
#1	.0015	.0027	.0023	.0005	.0008	.0012	.0036	25.71	.0361	55.15
#2	.0014	.0024	.0017	.0003	.0018	.0015	.0151	25.82	.0375	55.23

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.613	22.47	.0944	.0054	-.0020	1.208	.0032	.1990	.0005	.0632
Stddev	.004	.09	.0001	.0000	.0001	.002	.0003	.0002	.0004	.0019
%RSD	.1374	.4096	.0582	.6714	6.536	.1322	9.603	.1208	65.89	3.063
#1	2.610	22.40	.0944	.0054	-.0021	1.209	.0035	.1989	.0003	.0619
#2	2.616	22.53	.0944	.0053	-.0019	1.207	.0030	.1992	.0008	.0646

Elem	Zr3391
Avg	.0048
Stddev	.0001
%RSD	2.060
#1	.0048
#2	.0049

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75492.	21049.	2178.8	6048.7
Stddev	202.	33.	1.3	.4
%RSD	.26703	.15511	.05928	.00727
#1	75635.	21072.	2179.7	6048.4
#2	75350.	21026.	2177.9	6049.0

Zoom In Zoom Out

Sample Name: ja59425-3f Acquired: 11/3/2010 22:30:37 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0222	.0000	-.0001	-.0006	-.0003	.0063	1.028	.0020	-.0002	.0005
Stddev	.0001	.000	.0000	.0001	.0004	.0001	.001	.0000	.0002	.0003
%RSD	.3156	82.34	12.78	17.57	152.6	.8033	.0439	.4608	96.76	54.77
#1	.0221	.0000	-.0001	-.0007	-.0006	.0063	1.028	.0020	-.0004	.0006
#2	.0222	-.0001	-.0001	-.0005	.0000	.0063	1.027	.0020	-.0001	.0003

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0080	.0025	.0040	.0000	.0000	.0007	.0042	10.22	6.251	26.70
Stddev	.0003	.0004	.0003	.000	.001	.0000	.0013	.02	.003	.02
%RSD	3.152	15.09	8.316	796.1	2864.	4.221	30.21	.1797	.0498	.0649
#1	.0082	.0022	.0037	.0001	.0003	.0007	.0033	10.23	6.253	26.69
#2	.0078	.0027	.0042	-.0002	-.0003	.0007	.0051	10.21	6.249	26.71

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.175	13.29	.0730	.0031	-.0003	2.354	.0008	:1239	.0002	.0950
Stddev	.002	.04	.0000	.0001	.0009	.004	.0001	.0004	.0000	.0003
%RSD	.0722	.3322	.0603	3.578	358.8	.1827	18.76	.3353	1.464	.3151
#1	2.176	13.32	.0730	.0030	-.0009	2.357	.0007	.1242	.0002	.0948
#2	2.174	13.25	.0730	.0032	.0004	2.351	.0009	.1236	.0002	.0952

Elem	Zr3391
Avg	.0015
Stddev	.0000
%RSD	.8508
#1	.0015
#2	.0014

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76622.	21252.	2210.3	6164.9
Stddev	33.	56.	4.4	7.9
%RSD	.04244	.26372	.20087	.12765
#1	76599.	21213.	2207.2	6159.3
#2	76645.	21292.	2213.5	6170.5

Zoom In Zoom Out

Sample Name: ja59425-4f Acquired: 11/3/2010 22:36:35 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1668	.0005	-.0009	.0003	-.0010	.0056	9.103	.0000	.0002	-.0022
Stddev	.0002	.0000	.0002	.0000	.0002	.0002	.043	.000	.0003	.0004
%RSD	.0935	4.799	16.13	3.578	15.18	2.913	.4748	3208.	152.1	18.25
#1	.1667	.0005	-.0010	.0003	-.0009	.0055	9.072	-.0001	.0000	-.0019
#2	.1669	.0005	-.0008	.0003	-.0011	.0057	9.133	.0000	.0004	-.0024

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0160	.0039	.0029	.0008	.0009	.0003	-.0057	32.89	13.76	17.79
Stddev	.0001	.0001	.0005	.0007	.0004	.0005	.0002	.07	.01	.00
%RSD	.8469	2.679	19.09	91.65	45.17	164.2	3.170	.2053	.0804	.0233
#1	.0160	.0040	.0025	.0013	.0006	.0000	-.0056	32.84	13.76	17.80
#2	.0159	.0038	.0033	.0003	.0011	.0006	-.0058	32.94	13.77	17.79

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	1.915	14.86	.0746	.0058	-.0013	13.81	-.0025	.2504	.0002	.0701
Stddev	.018	.05	.0006	.0000	.0000	.06	.0003	.0002	.0000	.0005
%RSD	.9227	.3082	.7911	.4717	1.079	.4125	10.47	.0960	13.63	.7409
#1	1.927	14.89	.0750	.0058	-.0013	13.85	-.0027	.2505	.0003	.0697
#2	1.902	14.83	.0742	.0058	-.0013	13.77	-.0023	.2502	.0002	.0705

Elem	Zr3391
Avg	-.0024
Stddev	.0002
%RSD	8.513
#1	-.0026
#2	-.0023

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75504.	21037.	2209.3	6119.9
Stddev	158.	22.	6.7	6.6
%RSD	.20947	.10345	.30508	.10743
#1	75392.	21052.	2204.6	6115.3
#2	75616.	21021.	2214.1	6124.6

Zoom In Zoom Out

Sample Name: ja59425-5f Acquired: 11/3/2010 22:42:39 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0120	-.0001	.0001	-.0002	.0004	.0038	.2344	.0025	.0000	.0004
Stddev	.0000	.0000	.0001	.0001	.0001	.0001	.0003	.0002	.000	.0000
%RSD	.1464	42.63	54.37	48.32	15.45	3.887	.1243	8.157	156.4	9.710
#1	.0120	-.0001	.0001	-.0001	.0004	.0039	.2346	.0023	.0000	.0004
#2	.0120	-.0001	.0002	-.0003	.0004	.0037	.2342	.0026	-.0001	.0005

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0244	.0003	-.0004	.0011	.0004	.0005	.0135	7.766	3.062	1.169
Stddev	.0001	.0006	.0001	.0004	.0005	.0001	.0013	.023	.007	.005
%RSD	.3591	220.2	32.62	40.92	127.1	21.17	9.464	.2994	.2288	.4322
#1	.0245	.0007	-.0003	.0014	.0007	.0006	.0126	7.750	3.057	1.166
#2	.0244	-.0002	-.0005	.0008	.0000	.0004	.0145	7.783	3.067	1.173

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	3.835	21.39	.0825	.0010	-.0010	1.712	.0018	.0800	.0004	.0110
Stddev	.019	.01	.0000	.0001	.0009	.000	.0004	.0001	.0003	.0006
%RSD	.5045	.0372	.0192	6.742	94.54	.0207	20.71	.0672	66.55	5.437
#1	3.848	21.38	.0824	.0010	-.0016	1.712	.0021	.0799	.0002	.0114
#2	3.821	21.39	.0825	.0011	-.0003	1.713	.0015	.0800	.0006	.0106

Elem	Zr3391
Avg	.0045
Stddev	.0003
%RSD	6.749
#1	.0047
#2	.0043

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76895.	21443.	2217.1	6223.6
Stddev	149.	36.	.7	3.0
%RSD	.19367	.16638	.03106	.04766
#1	76790.	21469.	2216.6	6221.5
#2	77001.	21418.	2217.6	6225.7

Zoom In Zoom Out

Sample Name: ja59425-6f Acquired: 11/3/2010 22:48:38 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0098	.0000	-.0001	-.0002	.0016	.0028	.6945	.0060	.0001	.0010
Stddev	.0001	.000	.0001	.0002	.0000	.0001	.0010	.0002	.0000	.0002
%RSD	.9743	44.56	88.33	67.49	1.520	3.737	.1389	3.632	1.334	18.95
#1	.0098	.0000	-.0002	-.0003	.0015	.0029	.6938	.0061	.0001	.0012
#2	.0099	.0000	.0000	-.0001	.0016	.0028	.6952	.0058	.0001	.0009

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0078	.0023	.0027	.0010	.0010	.0007	.1644	13.48	16.84	4.088
Stddev	.0002	.0007	.0005	.0002	.0005	.0004	.0002	.01	.02	.007
%RSD	3.115	30.32	19.68	19.74	46.88	53.94	.1231	.0973	.1298	.1619
#1	.0076	.0028	.0030	.0008	.0007	.0004	.1646	13.47	16.82	4.083
#2	.0079	.0018	.0023	.0011	.0014	.0009	.1643	13.49	16.85	4.092

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	7.140	54.03	.2553	.0049	-.0022	3.998	.0018	.1053	.0005	.0829
Stddev	.040	.12	.0000	.0000	.0001	.009	.0004	.0002	.0001	.0008
%RSD	.5650	.2297	.0111	.5483	3.724	.2231	21.96	.1708	29.19	1.009
#1	7.169	54.12	.2553	.0050	-.0021	4.005	.0021	.1054	.0004	.0823
#2	7.112	53.94	.2553	.0049	-.0022	3.992	.0015	.1052	.0006	.0835

Elem	Zr3391
Avg	.0152
Stddev	.0004
%RSD	2.798
#1	.0155
#2	.0149

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76233.	21394.	2189.4	6075.2
Stddev	32.	65.	2.5	4.3
%RSD	.04238	.30444	.11415	.07045
#1	76211.	21440.	2187.7	6072.1
#2	76256.	21348.	2191.2	6078.2

Zoom In Zoom Out

Sample Name: ja59425-7f Acquired: 11/3/2010 22:54:34 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0003	-.0001	.0000	-.0002	-.0006	.0002	.0001	-.0002	-.0001	.0002
Stddev	.0000	.0000	.0000	.0000	.0001	.0001	.0000	.0002	.0000	.0001
%RSD	9.020	3.249	79.33	2.608	14.76	62.20	13.91	115.2	22.73	61.12
#1	.0003	-.0001	.0000	-.0002	-.0006	.0001	.0001	-.0003	-.0001	.0001
#2	.0003	-.0001	.0000	-.0002	-.0005	.0002	.0001	.0000	-.0001	.0003

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0007	.0002	-.0014	.0002	-.0003	.0004	.0005	.0047	.0016	.0083
Stddev	.0001	.0001	.0004	.0007	.0006	.0003	.0046	.0012	.0002	.0050
%RSD	7.571	73.46	26.70	385.1	177.5	68.51	953.6	25.48	15.44	60.18
#1	.0008	.0003	-.0011	-.0003	-.0007	.0006	-.0028	.0039	.0018	.0118
#2	.0007	.0001	-.0017	.0006	.0001	.0002	.0038	.0055	.0014	.0048

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0195	.0018	-.0007	-.0014	-.0002	.0125	.0007	-.0001	-.0001	-.0003
Stddev	.0125	.0009	.0001	.0001	.0000	.0005	.0002	.0000	.0002	.0013
%RSD	63.83	47.48	7.318	6.004	8.120	3.620	23.36	37.71	148.1	518.3
#1	.0283	.0012	-.0008	-.0014	-.0002	.0121	.0006	-.0001	.0000	.0007
#2	.0107	.0024	-.0007	-.0015	-.0002	.0128	.0009	.0000	-.0002	-.0012

Elem	Zr3391
Avg	-.0005
Stddev	.0001
%RSD	24.09
#1	-.0004
#2	-.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77765.	21376.	2252.5	6363.5
Stddev	58.	19.	.9	7.9
%RSD	.07411	.09062	.04073	.12470
#1	77806.	21362.	2253.2	6357.9
#2	77724.	21389.	2251.9	6369.1

Zoom In Zoom Out

Sample Name: mp55475-mb1 1 Acquired: 11/3/2010 23:00:36 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0003	-.0001	-.0002	.0000	-.0006	-.0001	.0000	-.0002	.0000	-.0001
Stddev	.0001	.0000	.0000	.0001	.0001	.0002	.000	.0000	.0002	.0003
%RSD	30.70	27.20	3.725	189.1	15.65	107.5	1442.	14.40	1680.	272.7
#1	.0003	-.0001	-.0002	.0001	-.0007	.0000	.0000	-.0002	-.0002	-.0003
#2	.0002	-.0001	-.0003	.0000	-.0005	-.0003	.0000	-.0002	.0002	.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0004	.0005	.0011	-.0001	-.0015	-.0010	.0057	-.0024	.0020	.0122
Stddev	.0000	.0002	.0000	.0001	.0000	.0000	.0027	.0006	.0005	.0057
%RSD	8.580	43.91	1.908	81.12	1.909	1.165	48.22	23.63	24.22	47.09
#1	.0003	.0007	.0011	-.0002	-.0014	-.0010	.0076	-.0020	.0017	.0162
#2	.0004	.0004	.0011	-.0001	-.0015	-.0010	.0037	-.0028	.0024	.0081

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0346	-.0065	-.0033	-.0030	-.0005	.0016	.0000	-.0001	-.0001	-.0094
Stddev	.0131	.0000	.0002	.0000	.0002	.0006	.000	.0000	.0002	.0002
%RSD	37.97	.5642	5.487	.6346	32.99	39.18	1636.	28.49	155.1	1.802
#1	.0439	-.0065	-.0032	-.0030	-.0004	.0012	-.0003	-.0001	.0000	-.0096
#2	.0253	-.0066	-.0035	-.0030	-.0006	.0021	.0003	-.0001	-.0002	-.0093

Elem	Zr3391
Avg	-.0009
Stddev	.0002
%RSD	19.42
#1	-.0008
#2	-.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	79367.	21829.	2294.2	6485.0
Stddev	101.	66.	9.7	23.2
%RSD	.12684	.30421	.42081	.35763
#1	79439.	21876.	2301.0	6501.4
#2	79296.	21782.	2287.4	6468.6

Zoom In Zoom Out

Sample Name: mp55475-lc1 Acquired: 11/3/2010 23:06:39 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.4588	.4905	.4746	.4729	.4577	.4701	.4844	.4730	.1857	.4498
Stddev	.0007	.0007	.0001	.0006	.0010	.0008	.0023	.0001	.0003	.0002
%RSD	.1447	.1416	.0246	.1214	.2176	.1606	.4656	.0295	.1663	.0472
#1	.4583	.4900	.4747	.4733	.4584	.4696	.4860	.4729	.1859	.4500
#2	.4592	.4910	.4745	.4725	.4570	.4706	.4828	.4731	.1855	.4497

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4725	.4694	.4360	.4598	.4706	.4779	4.674	5.447	5.476	5.204
Stddev	.0002	.0001	.0004	.0019	.0007	.0007	.014	.026	.025	.046
%RSD	.0404	.0253	.0900	.4226	.1549	.1449	.3045	.4851	.4655	.8858
#1	.4726	.4693	.4363	.4611	.4701	.4774	4.684	5.428	5.458	5.171
#2	.4724	.4695	.4357	.4584	.4711	.4784	4.664	5.466	5.494	5.236

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	9.735	9.593	.0076	.4603	.0046	.0679	.0004	.0002	.4863	-.0051
Stddev	.045	.007	.0002	.0016	.0001	.0009	.0002	.0000	.0015	.0002
%RSD	.4652	.0783	2.818	.3487	3.008	1.345	67.29	16.34	.3132	2.973
#1	9.703	9.587	.0075	.4591	.0045	.0672	.0002	.0003	.4873	-.0050
#2	9.767	9.598	.0078	.4614	.0046	.0685	.0005	.0002	.4852	-.0052

Elem	Zr3391
Avg	.0144
Stddev	.0003
%RSD	1.952
#1	.0146
#2	.0142

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77447.	21754.	2244.1	6244.3
Stddev	24.	107.	.2	3.1
%RSD	.03084	.49006	.00859	.04999
#1	77430.	21830.	2243.9	6242.1
#2	77463.	21679.	2244.2	6246.5

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 23:12:30 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.944	2.077	1.958	1.945	1.913	2.045	2.016	1.995	.2407	2.000
Stddev	.003	.002	.000	.001	.007	.004	.002	.000	.0001	.002
%RSD	.1497	.0766	.0012	.0606	.3820	.1810	.1065	.0014	.0530	.0977
#1	1.942	2.078	1.958	1.946	1.908	2.043	2.015	1.995	.2407	1.999
#2	1.946	2.076	1.957	1.944	1.919	2.048	2.018	1.995	.2406	2.002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.960	1.953	1.913	1.935	1.939	1.982	39.38	41.53	40.92	40.75
Stddev	.003	.001	.003	.003	.001	.002	.00	.06	.02	.04
%RSD	.1509	.0413	.1704	.1751	.0326	.0744	.0076	.1354	.0490	.0978
#1	1.958	1.953	1.911	1.932	1.938	1.983	39.38	41.57	40.91	40.78
#2	1.962	1.952	1.916	1.937	1.939	1.981	39.38	41.49	40.94	40.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.63	39.93	1.954	1.949	1.882	4.945	2.021	2.060	2.046	1.846
Stddev	.04	.04	.001	.003	.001	.009	.005	.002	.005	.002
%RSD	.1082	.0920	.0740	.1458	.0262	.1770	.2533	.1037	.2568	.1217
#1	40.66	39.90	1.955	1.947	1.882	4.951	2.017	2.059	2.043	1.845
#2	40.60	39.95	1.953	1.951	1.882	4.939	2.025	2.062	2.050	1.848
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/3/2010 23:12:30 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.966
Stddev	.006
%RSD	.2892
#1	1.962
#2	1.970
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75150.	21167.	2183.6	5793.7
Stddev	20.	27.	6.2	11.1
%RSD	.02692	.12950	.28381	.19203
#1	75136.	21187.	2179.2	5785.8
#2	75165.	21148.	2188.0	5801.6

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 23:18:20 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0003	.0002	.0001	-.0007	-.0011	.0002	.0001	-.0004
Stddev	.0000	.0000	.0001	.0003	.0002	.0003	.0000	.0000	.0005
%RSD	3.985	3.716	44.36	255.9	32.33	24.91	3.099	33.08	122.6
#1	.0006	.0003	.0002	.0004	-.0005	-.0013	.0002	.0000	-.0007
#2	.0005	.0003	.0001	-.0001	-.0008	-.0009	.0002	.0001	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0000	.0008	.0009	-.0001	-.0013	.0005	.0074	.0062
Stddev	.0000	.0001	.0003	.0004	.0003	.0002	.0002	.0075	.0001
%RSD	11.44	162.3	37.00	46.51	444.5	14.32	38.22	100.7	2.175
#1	.0004	.0000	.0006	.0006	.0002	-.0014	.0004	.0021	.0061
#2	.0005	.0001	.0010	.0012	-.0003	-.0012	.0006	.0127	.0063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0106	.0051	.0665	.0047	-.0002	F.0021	.0004	.0000	.0005
Stddev	.0006	.0007	.0041	.0030	.0001	.0009	.0000	.000	.0004
%RSD	5.221	14.66	6.172	63.20	58.10	44.84	.8411	238.4	78.19
#1	.0102	.0045	.0694	.0069	-.0003	.0028	.0004	.0000	.0002
#2	.0110	.0056	.0636	.0026	-.0001	.0014	.0004	.0000	.0007
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100					.0020			
Low Limit	-.0100					-.0020			

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/3/2010 23:18:20 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0003	.0003	-.0006	.0005
Stddev	.0001	.0001	.0019	.0000
%RSD	26.51	21.73	343.4	3.649
#1	.0004	.0003	.0008	.0005
#2	.0003	.0002	-.0019	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	77495.	21191.	2262.8	6353.0
Stddev	3.	55.	2.9	1.8
%RSD	.00374	.25867	.12803	.02857
#1	77497.	21152.	2264.8	6354.3
#2	77493.	21230.	2260.7	6351.8

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/3/2010 23:24:24 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	-.0025	.0000	-.0003	-.0005	.0006	.0061	-.0012	-.0059	.0005	.0018
Stddev	.0001	.0000	.0002	.0002	.0003	.0003	.0001	.0002	.0002	.0001
%RSD	3.293	20.20	54.60	37.10	41.71	5.012	4.622	2.983	37.32	6.781
#1	-.0024	.0000	-.0004	-.0006	.0004	.0063	-.0011	-.0058	.0006	.0017
#2	-.0025	.0000	-.0002	-.0003	.0008	.0058	-.0012	-.0061	.0004	.0019

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0023	-.0009	.0006	.0003	.0023	-.0001	-.0010	-.0059	86.60	290.4
Stddev	.0002	.0004	.0004	.0003	.0004	.0002	.0021	.0009	.04	.1
%RSD	8.673	37.21	58.99	88.21	17.15	289.6	201.4	14.88	.0436	.0270
#1	.0022	-.0007	.0004	.0006	.0025	.0001	.0004	-.0065	86.57	290.5
#2	.0024	-.0012	.0009	.0001	.0020	-.0003	-.0025	-.0053	86.63	290.4

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0540	.0044	.0379	-.0039	.0043	.0188	-.0008	.0002	.0005	-.0057
Stddev	.0010	.0016	.0002	.0000	.0010	.0001	.0002	.0000	.0002	.0006
%RSD	1.888	37.15	.6205	.8968	22.77	.5181	27.15	17.04	37.13	10.49
#1	.0533	.0055	.0377	-.0040	.0050	.0188	-.0010	.0002	.0007	-.0052
#2	.0548	.0032	.0381	-.0039	.0036	.0187	-.0007	.0002	.0004	-.0061

Elem	Zr3391
Avg	.0015
Stddev	.0000
%RSD	.7609
#1	.0015
#2	.0015

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77250.	21605.	2214.6	5785.8
Stddev	30.	6.	1.8	3.6
%RSD	.03853	.02757	.07980	.06214
#1	77229.	21601.	2215.8	5788.3
#2	77271.	21609.	2213.3	5783.2

Zoom In Zoom Out

Sample Name: alconf Acquired: 11/3/2010 23:30:25 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	-.0008	-.0001	-.0002	-.0001	-.0021	-.0007	-.0005	-.0005	.0003	-.0001
Stddev	.0000	.0001	.0000	.0001	.0001	.0001	.0000	.0001	.0001	.0001
%RSD	4.971	43.29	13.12	55.06	3.189	16.58	1.004	23.80	26.13	67.67
#1	-.0008	-.0001	-.0003	-.0001	-.0021	-.0006	-.0005	-.0004	.0003	-.0002
#2	-.0008	-.0002	-.0002	-.0001	-.0020	-.0008	-.0005	-.0005	.0002	-.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0041	-.0019	.0009	.0011	-.0028	.0026	452.5	.0146	-.0127	-.0115
Stddev	.0001	.0012	.0004	.0008	.0008	.0009	.6	.0000	.0011	.0025
%RSD	2.943	63.24	41.18	70.44	29.88	34.04	.1432	.1195	8.609	21.34
#1	.0040	-.0010	.0006	.0017	-.0022	.0020	452.0	.0146	-.0120	-.0132
#2	.0041	-.0027	.0011	.0006	-.0034	.0032	452.9	.0146	-.0135	-.0098

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0004	.0214	-.0367	.0019	.0001	-.0096	-.0006	.0000	.0000	.0041
Stddev	.0147	.0016	.0000	.0001	.0002	.0000	.0001	.000	.0002	.0005
%RSD	3379.	7.266	.0411	4.990	210.0	.2463	12.89	187.9	968.1	12.28
#1	.0108	.0203	-.0367	.0020	.0000	-.0096	-.0005	-.0001	-.0001	.0045
#2	-.0099	.0225	-.0366	.0018	.0002	-.0096	-.0006	.0000	.0002	.0038

Elem	Zr3391
Avg	-.0002
Stddev	.0000
%RSD	2.631
#1	-.0002
#2	-.0002

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73371.	22002.	2277.7	5848.0
Stddev	31.	1.	1.3	2.3
%RSD	.04158	.00524	.05875	.03950
#1	73350.	22001.	2278.7	5849.6
#2	73393.	22002.	2276.8	5846.4

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/3/2010 23:36:30 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0006	-.0001	-.0005	-.0002	.0014	-.0005	.0000	.0007	.0004	.0002
Stddev	.0000	.0001	.0001	.0000	.0001	.0001	.0001	.0002	.0000	.0000
%RSD	2.160	52.25	11.46	19.66	4.364	16.51	125.1	23.40	4.482	11.41
#1	.0006	-.0001	-.0004	-.0002	.0014	-.0006	.0001	.0006	.0004	.0002
#2	.0006	-.0002	-.0005	-.0001	.0013	-.0005	.0000	.0008	.0004	.0002

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0003	.0006	.0023	.0013	.0014	-.0011	.1539	391.2	.0951	.0308
Stddev	.0000	.0003	.0007	.0006	.0001	.0001	.0126	1.9	.0003	.0071
%RSD	12.77	62.34	28.46	41.91	10.53	12.15	8.219	.4836	.3347	22.95
#1	.0003	.0008	.0028	.0017	.0015	-.0010	.1629	392.5	.0953	.0358
#2	.0003	.0003	.0019	.0009	.0013	-.0012	.1450	389.9	.0948	.0258

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0180	.0089	.0374	-.0032	-.0081	-.0328	-.0009	-.0053	.0038	-.0080
Stddev	.0134	.0004	.0003	.0000	.0010	.0001	.0000	.0000	.0002	.0007
%RSD	74.19	4.682	.8393	.5668	12.45	.3417	5.015	.0667	4.325	8.211
#1	.0086	.0092	.0372	-.0032	-.0088	-.0329	-.0009	-.0053	.0040	-.0084
#2	.0275	.0086	.0377	-.0031	-.0073	-.0327	-.0009	-.0053	.0037	-.0075

Elem	Zr3391
Avg	-.0004
Stddev	.0001
%RSD	39.79
#1	-.0003
#2	-.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73174.	20534.	2091.8	5600.3
Stddev	76.	39.	5.3	7.7
%RSD	.10333	.18812	.25302	.13813
#1	73228.	20507.	2095.5	5605.7
#2	73121.	20561.	2088.0	5594.8

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/3/2010 23:42:38 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	-.0008	.0003	-.0006	-.0002	-.0008	-.0015	7.188	-.0009	-.0010	-.0020
Stddev	.0000	.0000	.0001	.0002	.0000	.0002	.040	.0000	.0000	.0001
%RSD	5.710	3.984	9.429	86.71	3.839	13.02	.5544	1.936	.0513	6.898
#1	-.0008	.0004	-.0006	-.0003	-.0008	-.0013	7.216	-.0009	-.0010	-.0021
#2	-.0009	.0003	-.0006	-.0001	-.0008	-.0016	7.160	-.0008	-.0010	-.0019

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0017	-.0003	-.0009	.0002	-.0002	-.0002	.0158	.0556	.0000	109.6
Stddev	.0001	.0003	.0002	.0000	.0005	.0003	.0123	.0194	.002	.3
%RSD	4.954	89.59	22.28	.6639	243.9	177.7	77.72	34.87	4165.	.2988
#1	.0017	-.0001	-.0007	.0002	.0001	.0000	.0071	.0419	.0012	109.3
#2	.0018	-.0005	-.0010	.0002	-.0005	-.0004	.0245	.0694	-.0012	109.8

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0395	-.0024	.0160	-.0003	-.0003	.0112	-.0037	.0000	.0000	-.0071
Stddev	.0077	.0021	.0001	.0000	.0001	.0000	.0001	.000	.0001	.0005
%RSD	19.40	86.65	.5113	3.034	21.63	.1157	2.555	7.450	200.2	7.276
#1	.0341	-.0039	.0160	-.0003	-.0003	.0112	-.0037	.0000	.0001	-.0068
#2	.0449	-.0009	.0161	-.0003	-.0004	.0112	-.0036	.0000	.0000	-.0075

Elem	Zr3391
Avg	-.0001
Stddev	.0000
%RSD	38.34
#1	.0000
#2	-.0001

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76834.	21268.	2217.3	6045.0
Stddev	214.	68.	8.5	13.1
%RSD	.27804	.31824	.38502	.21678
#1	76683.	21221.	2211.3	6035.7
#2	76985.	21316.	2223.4	6054.2

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/3/2010 23:48:47 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0003	.0001	-.0005	-.0003	-.0006	-.0016	4.060	-.0005	-.0002	-.0009
Stddev	.0001	.0000	.0000	.0000	.0001	.0001	.000	.0000	.0002	.0002
%RSD	25.20	12.04	9.545	1.183	20.32	5.018	.0103	2.975	66.87	28.06
#1	.0004	.0002	-.0005	-.0003	-.0005	-.0017	4.060	-.0005	-.0004	-.0007
#2	.0003	.0001	-.0005	-.0003	-.0007	-.0015	4.061	-.0005	-.0001	-.0010

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0006	.0002	-.0014	-.0001	-.0005	.0004	.0097	.0365	-.0133	.0090
Stddev	.0000	.0009	.0003	.0001	.0002	.0006	.0003	.0068	.0012	.0087
%RSD	.4968	464.5	21.83	102.8	41.71	163.2	3.387	18.51	8.827	96.39
#1	.0006	.0009	-.0012	-.0002	-.0006	-.0001	.0094	.0317	-.0125	.0029
#2	.0006	-.0005	-.0017	.0000	-.0004	.0008	.0099	.0413	-.0142	.0152

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0125	-.0039	.0015	-.0008	-.0123	5.590	-.0015	.0000	.0000	-.0063
Stddev	.0182	.0007	.0004	.0000	.0018	.002	.0003	.000	.0002	.0005
%RSD	145.3	17.01	25.82	4.228	15.00	.0316	22.70	94.98	538.3	8.427
#1	.0253	-.0034	.0017	-.0007	-.0136	5.591	-.0017	.0000	.0001	-.0059
#2	-.0003	-.0043	.0012	-.0008	-.0110	5.589	-.0012	.0000	-.0001	-.0067

Elem	Zr3391
Avg	.0719
Stddev	.0090
%RSD	12.49
#1	.0783
#2	.0656

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77530.	21198.	2252.1	6320.5
Stddev	49.	124.	2.0	8.2
%RSD	.06375	.58288	.08758	.12936
#1	77565.	21111.	2250.7	6314.7
#2	77495.	21286.	2253.5	6326.3

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/3/2010 23:54:47 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0002	-.0001	.0044	-.0003	-.0002	-.0004	.0103	.0001	-.0001	.0001
Stddev	.0000	.0000	.0000	.0000	.0005	.0000	.0002	.0000	.0001	.0001
%RSD	.0154	14.53	1.088	.8037	255.2	9.879	2.132	25.32	89.08	60.01
#1	.0002	-.0001	.0044	-.0004	-.0005	-.0005	.0102	.0001	.0000	.0001
#2	.0002	-.0001	.0044	-.0003	.0002	-.0004	.0105	.0001	-.0002	.0002

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0020	2.752	-.0008	-.0001	-.0001	-.0009	.0002	.0043	.0266	-.0112	.0088
Stddev	.0000	.004	.0007	.0007	.0005	.0002	.0028	.0015	.0021	.0020
%RSD	1.639	.1286	93.16	1381.	58.13	108.0	63.66	5.702	18.86	22.94
#1	.0020	2.749	-.0003	-.0006	-.0005	.0003	.0024	.0277	-.0097	.0074
#2	.0021	2.754	-.0012	.0005	-.0012	.0000	.0063	.0255	-.0127	.0103

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0047	-.0021	-.0001	-.0014	-.0029	4.045	.0003	.0000	-.0001	-.0067
Stddev	.0095	.0008	.0003	.0001	.0010	.005	.0000	.000	.0002	.0004
%RSD	203.2	38.10	252.9	3.702	33.47	.1216	15.41	173.6	232.4	6.287
#1	.0114	-.0026	.0001	-.0014	-.0036	4.042	.0003	.0000	.0001	-.0064
#2	-.0020	-.0015	-.0004	-.0014	-.0022	4.048	.0002	.0000	-.0002	-.0070

Elem	Zr3391
Avg	.0133
Stddev	.0004
%RSD	3.064
#1	.0136
#2	.0130

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77190.	21197.	2254.1	6352.3
Stddev	281.	45.	3.1	4.0
%RSD	.36382	.21366	.13722	.06260
#1	76991.	21165.	2256.3	6355.1
#2	77389.	21229.	2251.9	6349.5

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 11/4/2010 0:00:45 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0003	-.0003	.0024	.0004	-.0017	.0021	.0063	-.0001	-.0005	-.0008
Stddev	.0000	.0000	.0002	.0001	.0001	.0002	.0001	.0000	.0004	.0001
%RSD	12.83	3.740	7.558	31.09	7.991	9.254	1.026	49.17	89.17	12.22
#1	.0003	-.0003	.0023	.0003	-.0016	.0019	.0063	.0000	-.0008	-.0008
#2	.0003	-.0004	.0026	.0005	-.0017	.0022	.0062	-.0001	-.0002	-.0009

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	-.0010	1.741	.0014	-.0008	-.0028	.0019	.0040	.0165	.0033	.0012
Stddev	.0002	.003	.0008	.0005	.0000	.0002	.0033	.0018	.0011	.0035
%RSD	15.83	.1618	58.75	63.71	1.160	10.95	82.36	10.73	33.25	292.2
#1	-.0009	1.743	.0020	-.0004	-.0029	.0018	.0064	.0153	.0025	-.0013
#2	-.0011	1.739	.0008	-.0011	-.0028	.0021	.0017	.0178	.0041	.0037

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0183	-.0053	.0053	-.0004	.0122	.0815	.0025	.0000	6.386	-.0080
Stddev	.0033	.0005	.0000	.0001	.0000	.0004	.0001	.0000	.003	.0003
%RSD	17.94	8.673	.9191	34.75	.1056	.4874	3.141	60.32	.0429	3.965
#1	.0160	-.0056	.0053	-.0003	.0122	.0817	.0024	.0000	6.388	-.0078
#2	.0206	-.0050	.0053	-.0005	.0122	.0812	.0025	.0000	6.384	-.0082

Elem	Zr3391
Avg	.0069
Stddev	.0003
%RSD	4.196
#1	.0071
#2	.0067

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77779.	21260.	2260.2	6322.7
Stddev	82.	80.	4.0	9.9
%RSD	.10542	.37433	.17652	.15728
#1	77837.	21316.	2257.4	6315.7
#2	77721.	21203.	2263.0	6329.7

Zoom In Zoom Out

Sample Name: vconf Acquired: 11/4/2010 0:06:44 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0003	.0000	.0002	.0070	-.0003	-.0014	.0000	.0002	.0018	8.478
Stddev	.0001	.000	.0001	.0010	.0002	.0004	.000	.0002	.0004	.334
%RSD	28.04	622.0	47.86	14.86	84.78	25.59	14.11	92.54	20.93	3.943
#1	.0004	-.0002	.0003	.0063	-.0005	-.0016	.0000	.0001	.0015	8.715
#2	.0003	.0001	.0001	.0078	-.0001	-.0011	.0000	.0004	.0021	8.242

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0020	.0023	.0002	-.0009	-.0019	.0000	.0007	.0028	.0056	.0062
Stddev	.0008	.0007	.0127	.0001	.0004	.0020	.0004	.0022	.0014	.0169
%RSD	41.63	31.83	6884.	13.31	21.88	8367.	60.83	78.91	25.15	271.4
#1	.0014	.0028	-.0088	-.0010	-.0022	-.0014	.0004	.0013	.0046	-.0057
#2	.0025	.0017	.0092	-.0009	-.0016	.0015	.0010	.0044	.0066	.0182

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0124	-.0053	.0059	.0000	.0060	.0498	-.0108	-.0001	.8414	.0524
Stddev	.0025	.0006	.0004	.0001	.0006	.0118	.0013	.0000	.3420	.0025
%RSD	20.07	10.71	7.079	189.3	9.899	23.62	11.65	27.72	40.64	4.775
#1	.0141	-.0049	.0056	.0000	.0056	.0415	-.0099	-.0001	.5996	.0542
#2	.0106	-.0057	.0062	.0001	.0065	.0582	-.0117	-.0001	1.083	.0506

Elem	Zr3391
Avg	.0102
Stddev	.0002
%RSD	1.817
#1	.0103
#2	.0100

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77304.	21238.	2247.5	6316.3
Stddev	114.	30.	1.5	6.4
%RSD	.14802	.13920	.06510	.10135
#1	77223.	21259.	2248.5	6320.8
#2	77385.	21217.	2246.4	6311.8

Inst QC: MA25292

Zoom In / Zoom Out

Sample Name: sampleconf Acquired: 11/4/2010 0:12:43 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0002	-.0002	-.0002	-.0101	-.0003	-.0021	.0038	-.0063	.0006	3.481
Stddev	.0000	.0000	.0001	.0000	.0002	.0001	.0001	.0000	.0003	.003
%RSD	22.88	12.17	20.53	.1338	83.93	3.978	1.318	.1762	51.57	.0877
#1	.0001	-.0003	-.0002	-.0101	-.0004	-.0021	.0038	-.0063	.0008	3.478
#2	.0002	-.0002	-.0003	-.0101	-.0001	-.0020	.0038	-.0063	.0004	3.483

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	-.0040	.0017	-.0275	.0014	-.0016	.0018	.2511	-.0045	.0003	.0498
Stddev	.0001	.0003	.0001	.0000	.0010	.0005	.0056	.0018	.0010	.0138
%RSD	3.028	19.34	.5369	2.296	63.34	30.14	2.212	39.72	311.3	27.77
#1	-.0040	.0019	-.0276	.0014	-.0009	.0022	.2472	-.0033	.0010	.0595
#2	-.0041	.0015	-.0274	.0014	-.0023	.0014	.2550	-.0058	-.0004	.0400

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0177	.0065	-.0116	6.132	.0012	.0172	.0060	.0000	-.0003	.0166
Stddev	.0030	.0034	.0010	.037	.0002	.0002	.0002	.0001	.0000	.0001
%RSD	17.15	51.49	8.986	.6106	17.82	1.019	2.557	468.2	.6596	.3109
#1	.0156	.0089	-.0109	6.106	.0013	.0174	.0059	.0001	-.0003	.0166
#2	.0199	.0041	-.0123	6.159	.0010	.0171	.0061	.0000	-.0003	.0166

Elem	Zr3391
Avg	.0076
Stddev	.0002
%RSD	2.140
#1	.0075
#2	.0077

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77354.	21284.	2240.3	6268.7
Stddev	266.	59.	3.2	4.9
%RSD	.34435	.27560	.14435	.07767
#1	77166.	21242.	2242.5	6265.3
#2	77543.	21325.	2238.0	6272.1

Zoom In / Zoom Out

Sample Name: moconf Acquired: 11/4/2010 0:18:41 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	-.0001	-.0002	-.0006	-.0158	-.0006	-.0016	.0058	-.0100	-.0011	.0002
Stddev	.0000	.0000	.0000	.0002	.0003	.0003	.0000	.0002	.0002	.0000
%RSD	50.02	16.39	.1919	1.056	51.55	15.36	.1943	2.315	13.80	7.586
#1	.0000	-.0002	-.0006	-.0157	-.0004	-.0018	.0058	-.0099	-.0012	.0002
#2	-.0001	-.0002	-.0006	-.0159	-.0008	-.0015	.0058	-.0102	-.0010	.0002

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	-.0059	.0015	-.0016	.0023	-.0036	.0072	.3832	-.0088	-.0039	.0706
Stddev	.0001	.0005	.0010	.0003	.0007	.0008	.0126	.0019	.0011	.0057
%RSD	1.453	32.39	61.11	13.45	20.22	10.58	3.293	21.73	29.57	8.033
#1	-.0059	.0011	-.0009	.0025	-.0031	.0066	.3743	-.0074	-.0031	.0666
#2	-.0060	.0018	-.0022	.0021	-.0041	.0077	.3921	-.0101	-.0047	.0746

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	-.0027	.0151	-.0158	9.475	-.0014	.0272	.0099	-.0001	-.0025	-.0080
Stddev	.0149	.0002	.0002	.023	.0004	.0001	.0000	.0000	.0002	.0003
%RSD	549.5	1.377	.9602	.2413	29.28	.2349	.0412	27.65	9.692	3.902
#1	.0078	.0150	-.0157	9.459	-.0017	.0272	.0099	-.0001	-.0027	-.0078
#2	-.0132	.0153	-.0159	9.491	-.0011	.0273	.0099	-.0001	-.0023	-.0082

Elem	Zr3391
Avg	.0060
Stddev	.0002
%RSD	3.118
#1	.0059
#2	.0062

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	77563.	21434.	2240.3	6244.0
Stddev	172.	32.	2.4	2.3
%RSD	.22115	.14767	.10492	.03687
#1	77684.	21412.	2242.0	6245.7
#2	77442.	21457.	2238.7	6242.4

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/4/2010 0:24:42 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.957	2.080	1.972	1.953	1.905	2.053	2.019	2.002	.2410	2.005
Stddev	.004	.001	.001	.001	.014	.000	.009	.004	.0004	.008
%RSD	.2314	.0244	.0322	.0388	.7105	.0155	.4439	.1800	.1772	.3903
#1	1.954	2.080	1.972	1.952	1.896	2.054	2.012	1.999	.2413	2.000
#2	1.960	2.081	1.971	1.953	1.915	2.053	2.025	2.005	.2407	2.011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.951	1.967	1.918	1.937	1.954	2.003	39.43	41.45	41.13	40.86
Stddev	.004	.003	.004	.000	.003	.003	.08	.09	.00	.04
%RSD	.1770	.1344	.2264	.0018	.1710	.1523	.1921	.2184	.0059	.0957
#1	1.948	1.965	1.914	1.937	1.952	2.005	39.38	41.51	41.12	40.83
#2	1.953	1.968	1.921	1.937	1.957	2.000	39.48	41.38	41.13	40.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.74	40.25	1.972	1.976	1.893	4.981	2.030	2.078	2.043	1.871
Stddev	.00	.11	.002	.001	.003	.006	.004	.002	.008	.010
%RSD	.0039	.2648	.1146	.0570	.1618	.1222	.1910	.0851	.3790	.5438
#1	40.74	40.18	1.973	1.975	1.895	4.986	2.028	2.076	2.038	1.863
#2	40.74	40.33	1.970	1.976	1.891	4.977	2.033	2.079	2.049	1.878
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/4/2010 0:24:42 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.955
Stddev	.014
%RSD	.7334
#1	1.945
#2	1.966
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75442.	21193.	2168.2	5757.1
Stddev	99.	6.	2.8	2.6
%RSD	.13080	.02983	.12893	.04514
#1	75512.	21198.	2166.2	5755.2
#2	75372.	21189.	2170.2	5758.9

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/4/2010 0:30:30 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0002	.0001	.0000	-.0004	-.0010	.0004	-.0001	-.0001
Stddev	.0001	.0001	.0000	.000	.0004	.0000	.0001	.0001	.0002
%RSD	27.80	47.60	24.93	3932.	107.2	1.858	34.87	143.3	153.9
#1	.0004	.0001	.0001	-.0001	-.0001	-.0011	.0005	-.0002	-.0003
#2	.0006	.0003	.0001	.0001	-.0006	-.0010	.0003	.0000	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0000	.0002	.0002	.0002	-.0006	.0007	.0071	.0053
Stddev	.0001	.0001	.0000	.0016	.0005	.0009	.0012	.0091	.0027
%RSD	21.82	1132.	13.98	927.6	240.2	151.8	182.6	126.7	50.62
#1	.0008	-.0001	.0002	.0013	-.0001	-.0013	-.0002	.0007	.0034
#2	.0006	.0001	.0002	-.0010	.0005	.0000	.0015	.0135	.0072
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086	.0117	.0517	.0005	-.0001	F.0069	.0007	.0005	.0006
Stddev	.0038	.0146	.0222	.0009	.0000	.0013	.0005	.0002	.0002
%RSD	44.42	124.8	42.85	185.2	52.52	19.35	72.28	38.97	25.10
#1	.0059	.0014	.0361	-.0001	.0000	.0079	.0011	.0007	.0008
#2	.0113	.0220	.0674	.0011	-.0001	.0060	.0004	.0004	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0020			
Low Limit						-.0020			

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/4/2010 0:30:30 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0003	.0005	.0010	.0007
Stddev	.0001	.0000	.0013	.0001
%RSD	27.49	3.526	132.9	7.932
#1	.0002	.0004	.0020	.0007
#2	.0003	.0005	.0001	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	77494.	21354.	2238.2	6303.0
Stddev	137.	34.	3.3	3.9
%RSD	.17735	.16084	.14738	.06202
#1	77397.	21378.	2235.8	6300.2
#2	77592.	21329.	2240.5	6305.8

Zoom In Zoom Out

Sample Name: icsa Acquired: 11/4/2010 0:36:34 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0052	.0000	-.0010	-.0003	.0011	.0147	-.0044	-.0131	.0011	.0042
Stddev	.0001	.0000	.0000	.0001	.0000	.0003	.0001	.0003	.0003	.0001
%RSD	2.384	93.55	2.313	24.90	1.620	2.312	1.635	1.942	22.82	2.919
#1	-.0051	.0000	-.0011	-.0004	.0011	.0144	-.0043	-.0132	.0013	.0041
#2	-.0053	.0000	-.0010	-.0003	.0011	.0149	-.0044	-.0129	.0010	.0042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0029	-.0004	.0031	.0031	.0020	.0003	498.1	386.5	191.6	526.8
Stddev	.0005	.0019	.0008	.0017	.0033	.0003	4.6	1.8	.7	2.5
%RSD	15.76	505.6	23.98	53.45	160.0	76.67	.9254	.4578	.3403	.4672
#1	-.0026	-.0018	.0026	.0019	-.0003	.0005	494.8	385.3	191.2	525.0
#2	-.0033	.0010	.0037	.0043	.0043	.0002	501.4	387.8	192.1	528.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0817	.0469	.0715	-.0026	-.0014	-.0426	-.0049	-.0045	.0046	.0058
Stddev	.0055	.0037	.0021	.0010	.0004	.0008	.0009	.0000	.0001	.0003
%RSD	6.698	7.899	3.004	38.40	27.18	1.911	17.78	.8463	2.009	5.639
#1	.0855	.0443	.0730	-.0019	-.0016	-.0432	-.0056	-.0045	.0047	.0061
#2	.0778	.0495	.0699	-.0032	-.0011	-.0421	-.0043	-.0046	.0045	.0056
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Zoom In Zoom Out

Sample Name: icsa Acquired: 11/4/2010 0:36:34 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	.0018
Stddev	.0000
%RSD	.2268
#1	.0018
#2	.0018
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68826.	20402.	1975.9	4895.6
Stddev	507.	104.	3.3	7.7
%RSD	.73596	.50972	.16898	.15635
#1	69184.	20475.	1978.3	4901.0
#2	68467.	20328.	1973.5	4890.2

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 11/4/2010 0:42:42 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5033	.5134	1.043	.4571	.4677	.5498	.4967	1.011	1.092
Stddev	.0008	.0003	.001	.0009	.0028	.0028	.0015	.001	.001
%RSD	.1502	.0553	.0667	.1870	.5998	.5076	.3105	.0454	.0841
#1	.5038	.5136	1.043	.4577	.4657	.5518	.4956	1.012	1.093
#2	.5028	.5132	1.042	.4565	.4697	.5479	.4978	1.011	1.092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4745	.9008	1.029	.9316	.9873	.9967	1.058	508.5	396.5
Stddev	.0007	.0013	.002	.0015	.0014	.0008	.000	5.7	2.1
%RSD	.1442	.1449	.1920	.1605	.1440	.0806	.0099	1.129	.5273
#1	.4741	.9018	1.030	.9326	.9883	.9972	1.058	512.6	395.1
#2	.4750	.8999	1.027	.9305	.9863	.9961	1.058	504.5	398.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	195.4	530.4	.0694	.0711	.0741	.4858	.5767	-.0400	-.0053
Stddev	.1	.1	.0032	.0008	.0023	.0012	.0041	.0006	.0002
%RSD	.0295	.0205	4.540	1.167	3.160	.2571	.7172	1.464	4.047
#1	195.4	530.5	.0672	.0705	.0724	.4849	.5796	-.0405	-.0054
#2	195.3	530.4	.0717	.0716	.0758	.4867	.5737	-.0396	-.0051
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 11/4/2010 0:42:42 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	-.0049	.0047	.5203	F.3286
Stddev	.0001	.0001	.0002	.0075
%RSD	2.065	2.922	.0301	2.267
#1	-.0048	.0046	.5202	.3233
#2	-.0050	.0048	.5204	.3339
Check ?	None	None	Chk Pass	Chk Fail
Value				.5000
Range				-20.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68597.	20363.	1978.4	4881.7
Stddev	188.	47.	3.6	7.4
%RSD	.27468	.23027	.18050	.15097
#1	68730.	20330.	1975.9	4876.5
#2	68463.	20396.	1980.9	4886.9

Zoom In Zoom Out

Sample Name: mp55475-s1 1 Acquired: 11/4/2010 0:48:42 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	2.470	.0483	.0522	.4532	.1742	.2441	.7165	.4742	.0493	.4336
Stddev	.002	.0002	.0001	.0001	.0003	.0018	.0013	.0002	.0001	.0008
%RSD	.0742	.4342	.2071	.0116	.1923	.7334	.1763	.0370	.2523	.1815
#1	2.471	.0484	.0521	.4532	.1740	.2428	.7156	.4743	.0492	.4331
#2	2.468	.0481	.0522	.4532	.1745	.2453	.7174	.4741	.0494	.4342

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4462	1.911	1.691	.4528	1.945	.4976	2.338	156.6	7.293	93.75
Stddev	.0011	.001	.004	.0014	.000	.0005	.117	.3	.040	.31
%RSD	.2471	.0737	.2051	.3094	.0104	.1057	5.001	.1942	.5423	.3348
#1	.4470	1.910	1.693	.4537	1.945	.4972	2.421	156.8	7.321	93.97
#2	.4454	1.912	1.688	.4518	1.945	.4979	2.256	156.4	7.265	93.53

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	27.70	111.7	.0739	.0033	-.0075	10.47	-.0009	.8069	.0014	-.0048
Stddev	.06	.1	.0003	.0002	.0018	.00	.0004	.0002	.0002	.0001
%RSD	.2088	.0528	.3933	7.092	24.55	.0219	42.54	.0197	16.61	2.142
#1	27.75	111.7	.0741	.0035	-.0088	10.47	-.0012	.8070	.0015	-.0049
#2	27.66	111.7	.0737	.0032	-.0062	10.47	-.0006	.8068	.0012	-.0047

Elem	Zr3391
Avg	.0481
Stddev	.0031
%RSD	6.494
#1	.0503
#2	.0458

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74048.	21154.	2068.6	5534.7
Stddev	373.	2.	3.4	4.9
%RSD	.50392	.00737	.16469	.08818
#1	74312.	21153.	2071.1	5538.2
#2	73784.	21156.	2066.2	5531.2

Zoom In Zoom Out

Sample Name: mp55475-s2 Acquired: 11/4/2010 0:54:32 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	2.548	.0495	.0540	.4672	.1783	.2505	.7434	.4895	.0513	.4497
Stddev	.004	.0001	.0004	.0009	.0002	.0002	.0007	.0005	.0001	.0003
%RSD	.1542	.2823	.6643	.2022	.0957	.0618	.0958	.0979	.1681	.0762
#1	2.545	.0494	.0537	.4666	.1782	.2506	.7439	.4892	.0514	.4499
#2	2.551	.0496	.0543	.4679	.1784	.2504	.7429	.4899	.0512	.4494

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4575	1.977	1.740	.4675	2.015	.5162	2.127	162.0	7.469	97.33
Stddev	.0010	.006	.001	.0000	.005	.0015	.023	.2	.009	.14
%RSD	.2085	.2824	.0807	.0029	.2320	.2863	1.063	.0928	.1275	.1483
#1	.4568	1.974	1.739	.4675	2.012	.5152	2.143	161.9	7.476	97.43
#2	.4582	1.981	1.741	.4675	2.019	.5173	2.111	162.1	7.462	97.23

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	28.55	115.7	.0763	.0024	-.0023	10.91	-.0006	.8397	.0012	-.0054
Stddev	.12	.2	.0000	.0001	.0010	.03	.0001	.0022	.0003	.0002
%RSD	.4240	.1303	.0283	5.311	44.28	.2880	16.17	.2565	21.47	4.111
#1	28.46	115.6	.0763	.0023	-.0016	10.89	-.0007	.8382	.0014	-.0056
#2	28.63	115.8	.0763	.0025	-.0030	10.93	-.0005	.8412	.0010	-.0052

Elem	Zr3391
Avg	.0166
Stddev	.0005
%RSD	3.082
#1	.0169
#2	.0162

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73786.	21135.	2051.5	5485.0
Stddev	67.	74.	6.8	10.1
%RSD	.09105	.35113	.33010	.18466
#1	73833.	21187.	2056.3	5492.1
#2	73738.	21082.	2046.7	5477.8

Zoom In Zoom Out

Sample Name: ja59413-4f Acquired: 11/4/2010 1:00:21 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.6692	.0000	-.0004	-.0007	.0005	-.0002	.2691	.0017	.0000	.0005
Stddev	.0029	.0000	.0000	.0001	.0001	.0003	.0017	.0002	.000	.0001
%RSD	.4351	4243.	7.166	10.04	15.64	125.5	.6188	13.91	9763.	22.36
#1	.6713	.0000	-.0004	-.0008	.0006	.0000	.2679	.0018	.0000	.0006
#2	.6671	.0000	-.0004	-.0007	.0005	-.0005	.2703	.0015	.0000	.0004

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0022	.0043	.0027	.0007	.0003	-.0010	.0606	137.4	6.446	71.39
Stddev	.0002	.0003	.0001	.0012	.0004	.0004	.0210	.3	.009	.03
%RSD	9.149	7.463	2.414	164.6	138.1	39.46	34.63	.2403	.1464	.0446
#1	.0023	.0040	.0026	.0016	.0000	-.0007	.0754	137.6	6.453	71.42
#2	.0020	.0045	.0027	-.0001	.0005	-.0013	.0458	137.2	6.440	71.37

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.337	90.75	.0712	.0016	-.0038	10.92	-.0007	.8421	.0012	-.0089
Stddev	.018	.39	.0001	.0001	.0007	.03	.0001	.0027	.0001	.0003
%RSD	.7772	.4345	.1174	5.153	18.41	.2325	11.12	.3249	5.936	3.275
#1	2.350	91.03	.0711	.0015	-.0033	10.90	-.0006	.8441	.0011	-.0087
#2	2.324	90.47	.0713	.0016	-.0043	10.93	-.0007	.8402	.0013	-.0091

Elem	Zr3391
Avg	-.0039
Stddev	.0000
%RSD	.8373
#1	-.0038
#2	-.0039

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74430.	21167.	2064.2	5607.0
Stddev	28.	.	7.2	5.5
%RSD	.03800	.00018	.35047	.09851
#1	74450.	21167.	2069.3	5610.9
#2	74410.	21167.	2059.1	5603.1

Zoom In Zoom Out

Sample Name: mp55475-sd1 Acquired: 11/4/2010 1:06:19 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.5885	-.0003	-.0012	.0418	4.526	.1252	.7477	3.264	.0114	.0152
Stddev	.0218	.0001	.0006	.0011	.035	.0000	.0038	.014	.0001	.0010
%RSD	3.701	51.77	50.92	2.540	.7849	.0226	.5031	.4350	.6571	6.812
#1	.5731	-.0002	-.0016	.0410	4.551	.1252	.7451	3.274	.0114	.0145
#2	.6039	-.0004	-.0008	.0425	4.501	.1252	.7504	3.254	.0113	.0159

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.5861	.0149	.0021	.0411	-.0015	.0213	.2957	120.6	25.94	60.63
Stddev	.0072	.0002	.0002	.0042	.0000	.0004	.1197	3.8	.14	1.77
%RSD	1.226	1.520	8.279	10.25	.1044	1.902	40.49	3.160	.5288	2.918
#1	.5811	.0147	.0022	.0382	-.0015	.0210	.2111	117.9	25.84	59.38
#2	.5912	.0151	.0020	.0441	-.0015	.0216	.3804	123.3	26.04	61.88

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.070	76.90	.1186	.4755	.0048	11.06	.0037	.7274	.0234	-.0119
Stddev	.153	2.80	.0043	.0009	.0031	.31	.0034	.0250	.0064	.0009
%RSD	7.374	3.644	3.655	.1828	64.91	2.820	93.35	3.435	27.37	7.617
#1	1.962	74.92	.1156	.4749	.0069	10.84	.0013	.7097	.0189	-.0112
#2	2.178	78.88	.1217	.4761	.0026	11.28	.0061	.7451	.0279	-.0125

Elem	Zr3391
Avg	.0006
Stddev	.0005
%RSD	95.33
#1	.0002
#2	.0010

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76081.	21313.	2179.8	6065.3
Stddev	146.	1.	2.0	13.9
%RSD	.19147	.00404	.09204	.22947
#1	75978.	21313.	2181.2	6075.2
#2	76184.	21314.	2178.4	6055.5

Zoom In Zoom Out

Sample Name: ja59413-2f Acquired: 11/4/2010 1:12:16 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0004	-.0001	-.0001	.0000	-.0006	-.0004	.0000	-.0003	-.0002	.0002
Stddev	.0001	.0000	.0001	.0001	.0002	.0001	.0001	.0001	.0002	.0001
%RSD	27.33	30.40	42.87	229.0	28.96	27.60	144.2	37.92	95.74	57.01
#1	.0005	-.0001	-.0001	.0000	-.0007	-.0003	.0001	-.0002	-.0001	.0003
#2	.0003	-.0001	-.0002	.0001	-.0005	-.0005	.0000	-.0003	-.0003	.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0008	.0006	.0015	.0006	-.0024	-.0009	.0095	.0383	.0069	.0207
Stddev	.0000	.0000	.0001	.0002	.0008	.0004	.0036	.0058	.0013	.0129
%RSD	4.744	4.377	4.294	35.29	34.09	51.84	37.40	15.06	19.24	62.35
#1	.0008	.0007	.0015	.0004	-.0030	-.0012	.0070	.0424	.0079	.0116
#2	.0008	.0006	.0016	.0007	-.0018	-.0005	.0121	.0342	.0060	.0299

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0193	.0103	-.0033	-.0026	.0002	.0017	.0007	.0000	.0000	-.0095
Stddev	.0002	.0071	.0001	.0000	.0005	.0006	.0003	.0000	.001	.0005
%RSD	.9030	69.11	1.982	.2987	216.6	33.19	47.17	574.0	2673.	5.061
#1	.0192	.0154	-.0034	-.0026	-.0001	.0013	.0010	.0000	.0003	-.0091
#2	.0194	.0053	-.0033	-.0026	.0006	.0021	.0005	.0000	-.0003	-.0098

Elem	Zr3391
Avg	-.0007
Stddev	.0001
%RSD	19.26
#1	-.0006
#2	-.0008

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	78899.	21815.	2253.0	6392.9
Stddev	11.	17.	14.5	24.4
%RSD	.01343	.07647	.64317	.38235
#1	78891.	21826.	2263.3	6410.2
#2	78906.	21803.	2242.8	6375.7

Zoom In Zoom Out

Sample Name: ja59413-3f Acquired: 11/4/2010 1:18:18 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.3107	-.0001	-.0004	-.0002	.0049	.0208	.1813	.0049	-.0002	.0054
Stddev	.0008	.0000	.0000	.0001	.0000	.0004	.0004	.0001	.0005	.0001
%RSD	.2484	42.12	6.410	65.89	.5216	2.054	.2414	1.497	243.8	1.502
#1	.3101	-.0001	-.0004	-.0001	.0049	.0211	.1810	.0050	.0002	.0054
#2	.3112	-.0001	-.0003	-.0003	.0050	.0205	.1816	.0049	-.0006	.0055

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0018	.0190	.0014	.0007	.0012	.0003	.0199	179.7	.1487	212.3
Stddev	.0001	.0001	.0006	.0005	.0006	.0007	.0055	.2	.0012	.1
%RSD	4.658	.7692	44.96	74.39	44.68	287.0	27.41	.1384	.8227	.0386
#1	.0019	.0189	.0018	.0003	.0009	-.0003	.0160	179.6	.1478	212.2
#2	.0018	.0191	.0009	.0011	.0016	.0008	.0238	179.9	.1495	212.4

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	42.22	726.5	.8330	.0346	-.0082	14.78	.0003	2.096	.0055	-.0085
Stddev	.12	.3	.0002	.0003	.0010	.04	.0002	.001	.0000	.0007
%RSD	.2805	.0355	.0242	.9616	12.35	.2739	54.63	.0644	.7934	8.289
#1	42.13	726.7	.8328	.0344	-.0089	14.80	.0002	2.095	.0055	-.0080
#2	42.30	726.3	.8331	.0348	-.0075	14.75	.0004	2.097	.0055	-.0090

Elem	Zr3391
Avg	.0065
Stddev	.0002
%RSD	3.082
#1	.0066
#2	.0064

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	67425.	20243.	1853.3	4752.8
Stddev	132.	59.	3.8	3.2
%RSD	.19529	.29257	.20332	.06783
#1	67332.	20285.	1850.6	4750.5
#2	67518.	20201.	1856.0	4755.1

Zoom In Zoom Out

Sample Name: ja59413-5f Acquired: 11/4/2010 1:24:22 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.6866	-.0001	-.0005	-.0005	.0003	.0000	.3649	.0021	.0000	.0002
Stddev	.0011	.0000	.0000	.0002	.0003	.0003	.0017	.0002	.0001	.0001
%RSD	.1673	89.80	2.405	41.51	92.39	14800.	.4599	11.98	1689.	30.38
#1	.6858	.0000	-.0005	-.0007	.0005	.0002	.3637	.0022	.0000	.0002
#2	.6875	-.0001	-.0005	-.0004	.0001	-.0002	.3661	.0019	.0000	.0003

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0002	.0020	.0019	.0002	-.0004	-.0015	.0001	146.1	6.321	72.28
Stddev	.0002	.0004	.0015	.0015	.0012	.0003	.0006	.4	.002	.05
%RSD	113.4	21.69	81.31	660.8	329.7	17.90	671.6	.2751	.0355	.0681
#1	.0000	.0017	.0008	-.0008	.0005	-.0017	-.0003	146.4	6.323	72.31
#2	.0003	.0023	.0029	.0013	-.0012	-.0014	.0005	145.8	6.320	72.24

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.364	93.78	.0730	.0016	-.0032	11.65	-.0011	.8895	.0005	-.0093
Stddev	.008	.18	.0004	.0001	.0001	.00	.0000	.0015	.0003	.0005
%RSD	.3268	.1908	.5517	8.092	3.069	.0424	2.130	.1648	67.22	5.818
#1	2.359	93.65	.0727	.0017	-.0031	11.65	-.0011	.8885	.0007	-.0097
#2	2.370	93.91	.0733	.0015	-.0033	11.65	-.0011	.8906	.0003	-.0089

Elem	Zr3391
Avg	-.0044
Stddev	.0001
%RSD	1.783
#1	-.0044
#2	-.0043

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74164.	21154.	2053.1	5570.5
Stddev	65.	36.	2.5	2.0
%RSD	.08766	.16914	.11973	.03562
#1	74210.	21129.	2054.8	5571.9
#2	74119.	21179.	2051.3	5569.1

Zoom In Zoom Out

Sample Name: ja59413-6f Acquired: 11/4/2010 1:30:22 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.6750	-.0001	-.0004	-.0007	.0001	-.0003	.3781	.0023	-.0004	.0001
Stddev	.0002	.0000	.0001	.0000	.0001	.0002	.0005	.0000	.0001	.0002
%RSD	.0277	50.21	25.77	3.335	158.0	59.17	.1295	.3043	37.79	303.6
#1	.6751	-.0001	-.0005	-.0008	.0000	-.0004	.3785	.0023	-.0005	.0002
#2	.6748	-.0001	-.0003	-.0007	.0001	-.0002	.3778	.0023	-.0003	-.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0002	.0024	.0019	-.0003	-.0010	-.0014	-.0031	145.8	5.845	71.09
Stddev	.0001	.0002	.0002	.0016	.0000	.0002	.0030	.3	.006	.25
%RSD	35.91	6.726	10.14	478.2	2.360	13.30	98.43	.2369	.1018	.3474
#1	.0002	.0025	.0020	-.0014	-.0010	-.0013	-.0009	146.0	5.849	71.26
#2	.0001	.0023	.0018	.0008	-.0010	-.0016	-.0053	145.5	5.841	70.91

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.293	93.21	.0722	.0013	-.0040	11.49	-.0015	.8830	.0009	-.0100
Stddev	.004	.23	.0001	.0001	.0009	.01	.0007	.0005	.0003	.0004
%RSD	.1610	.2427	.1012	7.310	21.73	.0776	46.03	.0531	32.10	3.831
#1	2.296	93.05	.0723	.0013	-.0034	11.49	-.0010	.8827	.0007	-.0098
#2	2.291	93.37	.0721	.0014	-.0046	11.50	-.0020	.8833	.0011	-.0103

Elem	Zr3391
Avg	-.0045
Stddev	.0000
%RSD	.1528
#1	-.0045
#2	-.0045

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73938.	21111.	2054.4	5574.4
Stddev	242.	3.	6.1	11.7
%RSD	.32761	.01390	.29626	.20938
#1	73767.	21109.	2058.7	5582.7
#2	74109.	21113.	2050.1	5566.2

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/4/2010 1:36:23 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.971	2.088	1.975	1.949	1.883	2.085	2.024	2.010	.2418	2.008
Stddev	.001	.004	.002	.002	.002	.009	.004	.001	.0005	.001
%RSD	.0605	.2114	.1077	.0919	.0984	.4059	.1818	.0572	.2065	.0658
#1	1.972	2.091	1.976	1.951	1.882	2.091	2.021	2.011	.2422	2.007
#2	1.971	2.085	1.973	1.948	1.884	2.079	2.026	2.009	.2415	2.009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.944	1.976	1.908	1.936	1.960	2.015	39.68	41.59	41.16	40.81
Stddev	.002	.001	.004	.003	.001	.004	.06	.10	.05	.13
%RSD	.1027	.0560	.2270	.1502	.0305	.1987	.1420	.2434	.1286	.3174
#1	1.945	1.977	1.911	1.938	1.961	2.017	39.72	41.67	41.20	40.90
#2	1.942	1.975	1.905	1.934	1.960	2.012	39.64	41.52	41.12	40.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.23	40.58	1.975	1.957	1.889	4.995	2.040	2.101	2.057	1.900
Stddev	.11	.04	.004	.003	.000	.007	.001	.003	.004	.010
%RSD	.2620	.1076	.1814	.1338	.0134	.1356	.0691	.1488	.1887	.5182
#1	41.30	40.61	1.977	1.955	1.889	4.999	2.041	2.103	2.060	1.893
#2	41.15	40.55	1.972	1.958	1.888	4.990	2.039	2.099	2.055	1.907
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/4/2010 1:36:23 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.011
Stddev	.002
%RSD	.0802
#1	2.013
#2	2.010
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74543.	20932.	2150.6	5710.9
Stddev	13.	46.	4.3	7.7
%RSD	.01697	.21786	.19949	.13415
#1	74534.	20900.	2147.6	5705.5
#2	74552.	20964.	2153.6	5716.4

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/4/2010 1:42:12 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0006	.0002	.0002	.0000	-.0004	.0009	.0001	-.0001
Stddev	.0002	.0001	.0000	.0002	.0003	.0004	.0001	.0000	.0002
%RSD	18.61	25.17	.5271	72.31	1002.	93.64	14.77	71.54	194.1
#1	.0007	.0005	.0002	.0003	.0003	-.0001	.0010	.0001	-.0003
#2	.0009	.0007	.0002	.0001	-.0002	-.0007	.0008	.0000	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0001	-.0002	.0005	-.0001	-.0012	.0008	.0137	.0114
Stddev	.0005	.0000	.0002	.0001	.0008	.0001	.0003	.0067	.0036
%RSD	48.33	15.39	76.30	17.26	756.8	8.188	37.26	48.86	31.56
#1	.0014	.0001	-.0001	.0004	-.0007	-.0013	.0010	.0185	.0089
#2	.0007	.0001	-.0004	.0005	.0005	-.0011	.0006	.0090	.0140
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0131	.0147	.0346	.0198	.0001	F.0027	.0008	.0005	.0009
Stddev	.0038	.0045	.0035	.0032	.0004	.0008	.0002	.0001	.0000
%RSD	29.22	30.56	10.21	16.31	285.0	28.71	19.56	24.92	4.739
#1	.0104	.0179	.0321	.0175	.0004	.0032	.0009	.0006	.0009
#2	.0158	.0115	.0371	.0221	-.0001	.0021	.0007	.0004	.0009
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100					.0020			
Low Limit	-.0100					-.0020			

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/4/2010 1:42:12 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0006	.0009	.0019	.0010
Stddev	.0002	.0001	.0012	.0003
%RSD	28.96	7.412	63.86	26.55
#1	.0004	.0010	.0028	.0012
#2	.0007	.0009	.0010	.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	77061.	21148.	2232.5	6285.8
Stddev	155.	6.	.1	3.8
%RSD	.20105	.02849	.00542	.06054
#1	76952.	21144.	2232.6	6288.5
#2	77171.	21152.	2232.4	6283.1

Zoom In / Zoom Out

Sample Name: ja59413-7f Acquired: 11/4/2010 1:48:15 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.6953	.0003	-.0003	-.0004	.0010	.0003	.4175	.0036	.0001	.0004
Stddev	.0004	.0001	.0001	.0000	.0004	.0005	.0006	.0001	.0000	.0002
%RSD	.0646	29.21	23.15	10.23	34.41	179.7	.1338	2.809	16.57	41.86
#1	.6956	.0004	-.0003	-.0003	.0013	.0006	.4171	.0036	.0001	.0003
#2	.6950	.0003	-.0002	-.0004	.0008	-.0001	.4179	.0037	.0001	.0005

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0004	.0011	.0020	.0011	-.0005	-.0014	.0071	151.9	5.580	73.21
Stddev	.0001	.0001	.0011	.0004	.0024	.0001	.0012	.4	.021	.19
%RSD	14.94	11.82	54.26	37.29	474.0	5.999	17.29	.2913	.3754	.2657
#1	.0005	.0010	.0027	.0013	.0012	-.0014	.0063	151.6	5.565	73.07
#2	.0004	.0012	.0012	.0008	-.0022	-.0013	.0080	152.2	5.595	73.34

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.384	96.75	.0740	.0021	-.0032	11.99	-.0012	.9215	.0012	-.0077
Stddev	.016	.22	.0002	.0001	.0012	.03	.0007	.0002	.0000	.0004
%RSD	.6781	.2260	.2919	2.949	37.42	.2566	59.58	.0228	.4911	4.641
#1	2.373	96.90	.0739	.0022	-.0040	11.96	-.0007	.9216	.0012	-.0080
#2	2.396	96.59	.0742	.0021	-.0023	12.01	-.0017	.9213	.0012	-.0074

Elem	Zr3391
Avg	-.0047
Stddev	.0000
%RSD	.2212
#1	-.0047
#2	-.0047

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74161.	21123.	2059.2	5574.6
Stddev	168.	80.	10.5	18.3
%RSD	.22626	.37988	.50893	.32866
#1	74280.	21180.	2066.6	5587.5
#2	74043.	21066.	2051.7	5561.6

Zoom In / Zoom Out

Sample Name: ja59413-8f Acquired: 11/4/2010 1:54:14 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0680	.0002	-.0005	.0008	.0001	.0011	2.122	.0007	-.0006	.0004
Stddev	.0001	.0001	.0001	.0001	.0001	.0001	.002	.0000	.0003	.0000
%RSD	.0829	32.80	24.75	16.68	118.8	10.82	.0784	1.671	40.82	10.95
#1	.0680	.0002	-.0004	.0009	.0001	.0011	2.123	.0007	-.0005	.0004
#2	.0681	.0002	-.0006	.0007	.0000	.0010	2.121	.0007	-.0008	.0005

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0012	.0066	.0011	-.0006	-.0016	-.0005	.0090	37.70	3.735	116.2
Stddev	.0000	.0000	.0007	.0000	.0000	.0000	.0043	.04	.011	.2
%RSD	3.180	.6689	60.29	4.001	1.658	6.347	47.35	.1048	.2869	.1433
#1	.0012	.0066	.0006	-.0006	-.0016	-.0005	.0120	37.73	3.727	116.3
#2	.0012	.0067	.0016	-.0006	-.0016	-.0005	.0060	37.68	3.743	116.1

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	82.66	1275.	2.307	.0108	-.0009	3.477	-.0015	.7539	.0005	-.0061
Stddev	.29	14.	.011	.0002	.0014	.016	.0004	.0023	.0003	.0003
%RSD	.3554	1.138	.4609	1.401	162.4	.4684	27.20	.3009	51.86	4.756
#1	82.45	1285.	2.299	.0106	-.0019	3.466	-.0017	.7523	.0003	-.0059
#2	82.87	1265.	2.314	.0109	.0001	3.489	-.0012	.7555	.0007	-.0063

Elem	Zr3391
Avg	-.0005
Stddev	.0002
%RSD	35.08
#1	-.0006
#2	-.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	64683.	19840.	1821.2	4508.1
Stddev	71.	14.	10.3	17.8
%RSD	.10991	.07192	.56619	.39537
#1	64633.	19850.	1828.5	4520.7
#2	64733.	19829.	1814.0	4495.5

Zoom In Zoom Out

Sample Name: ja59413-9f Acquired: 11/4/2010 2:00:18 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1656	.0000	-.0004	-.0002	.0007	.0328	.7322	.0033	-.0003	.0490
Stddev	.0004	.000	.0000	.0000	.0002	.0000	.0002	.0002	.0004	.0003
%RSD	.2279	243.0	8.057	4.782	33.81	.1063	.0213	6.410	122.1	.6724
#1	.1653	.0000	-.0004	-.0002	.0008	.0329	.7321	.0031	-.0006	.0492
#2	.1659	.0000	-.0004	-.0002	.0005	.0328	.7323	.0034	.0000	.0487

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0074	.0065	.0008	.0009	.0001	.0007	.0196	62.40	.1507	81.58
Stddev	.0001	.0001	.0002	.0003	.0009	.0005	.0047	.05	.0003	.01
%RSD	1.262	1.222	20.07	36.12	972.5	64.33	23.92	.0840	.1883	.0068
#1	.0074	.0064	.0007	.0007	.0007	.0010	.0230	62.36	.1505	81.58
#2	.0073	.0065	.0010	.0011	-.0005	.0004	.0163	62.44	.1509	81.58

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	7.934	34.74	.2484	.0508	-.0025	7.627	.0011	.3477	.0008	-.0078
Stddev	.021	.00	.0008	.0010	.0006	.007	.0006	.0012	.0003	.0003
%RSD	.2617	.0080	.3285	2.028	23.12	.0978	55.77	.3556	33.82	3.654
#1	7.919	34.73	.2479	.0501	-.0030	7.622	.0006	.3468	.0010	-.0076
#2	7.948	34.74	.2490	.0516	-.0021	7.633	.0015	.3485	.0006	-.0080

Elem	Zr3391
Avg	-.0012
Stddev	.0001
%RSD	10.86
#1	-.0011
#2	-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75321.	21298.	2097.8	5829.0
Stddev	10.	59.	4.8	8.4
%RSD	.01380	.27694	.23089	.14422
#1	75328.	21340.	2101.2	5834.9
#2	75313.	21257.	2094.4	5823.0

Zoom In Zoom Out

Sample Name: ja59413-10f Acquired: 11/4/2010 2:06:17 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0442	-.0001	-.0011	.0018	.0019	.0012	.5541	.0060	-.0007	.0018
Stddev	.0001	.0000	.0000	.0001	.0008	.0004	.0010	.0001	.0006	.0002
%RSD	.1336	47.69	2.259	7.371	42.03	37.32	.1816	1.472	81.70	8.949
#1	.0442	-.0001	-.0012	.0017	.0024	.0009	.5534	.0061	-.0003	.0017
#2	.0441	.0000	-.0011	.0019	.0013	.0015	.5548	.0060	-.0011	.0019

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0001	.0018	.0074	.0050	.0064	-.0042	-.0480	1323.	8.147	676.3
Stddev	.0003	.0019	.0040	.0006	.0012	.0012	.0096	15.	.038	1.9
%RSD	501.2	104.3	53.94	11.59	17.96	28.15	19.92	1.115	.4613	.2768
#1	-.0001	.0005	.0102	.0054	.0056	-.0050	-.0548	1333.	8.174	677.6
#2	.0003	.0032	.0046	.0046	.0072	-.0033	-.0412	1312.	8.121	675.0

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	19.53	1494.	.4373	-.0127	-.0228	12.00	-.0031	9.535	.0093	-.0072
Stddev	.08	21.	.0040	.0013	.0001	.08	.0002	.007	.0002	.0010
%RSD	.4221	1.372	.9164	10.38	.5382	.6759	7.207	.0740	2.622	14.15
#1	19.48	1509.	.4345	-.0136	-.0229	11.95	-.0030	9.530	.0091	-.0064
#2	19.59	1480.	.4402	-.0118	-.0227	12.06	-.0033	9.540	.0094	-.0079

Elem	Zr3391
Avg	-.0058
Stddev	.0002
%RSD	3.024
#1	-.0060
#2	-.0057

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	57303.	18030.	1504.6	3682.9
Stddev	164.	21.	17.6	27.5
%RSD	.28536	.11435	1.1722	.74610
#1	57188.	18015.	1517.1	3702.3
#2	57419.	18044.	1492.1	3663.5

Zoom In Zoom Out

Sample Name: ja59413-11f Acquired: 11/4/2010 2:12:32 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0436	-.0001	-.0013	.0013	.0010	.0324	.4704	.0053	-.0007	.0018
Stddev	.0001	.0001	.0000	.0000	.0004	.0004	.0004	.0001	.0008	.0001
%RSD	.1598	95.10	2.507	2.115	45.47	1.235	.0894	1.718	127.1	5.537
#1	.0437	-.0002	-.0013	.0014	.0007	.0321	.4707	.0052	-.0013	.0019
#2	.0436	.0000	-.0013	.0013	.0013	.0326	.4701	.0054	-.0001	.0017

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0030	.0020	.0073	.0057	.0068	-.0045	-.0172	1245.	6.753	629.4
Stddev	.0002	.0008	.0016	.0009	.0001	.0005	.0134	4.	.012	4.1
%RSD	5.675	40.57	22.08	16.52	1.723	11.29	77.63	.2937	.1789	.6527
#1	.0031	.0014	.0061	.0064	.0067	-.0041	-.0267	1247.	6.761	632.3
#2	.0028	.0025	.0084	.0051	.0069	-.0049	-.0078	1242.	6.744	626.5

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	18.78	1449.	.4219	-.0099	-.0211	11.70	-.0021	9.200	.0089	-.0082
Stddev	.11	16.	.0022	.0004	.0015	.05	.0005	.004	.0002	.0006
%RSD	.5829	1.080	.5282	4.426	6.897	.4096	23.57	.0431	2.445	6.839
#1	18.70	1460.	.4203	-.0102	-.0221	11.66	-.0025	9.203	.0087	-.0086
#2	18.86	1438.	.4234	-.0096	-.0201	11.73	-.0018	9.197	.0090	-.0078

Elem	Zr3391
Avg	-.0057
Stddev	.0001
%RSD	1.550
#1	-.0058
#2	-.0057

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	57472.	18282.	1503.0	3711.9
Stddev	106.	31.	11.7	24.8
%RSD	.18483	.16785	.78135	.66688
#1	57547.	18260.	1511.3	3729.4
#2	57397.	18304.	1494.7	3694.4

Zoom In Zoom Out

Sample Name: ja59289-4f Acquired: 11/4/2010 2:18:48 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0657	-.0004	-.0012	-.0016	.0784	.0024	3.776	.0627	-.0013	.0008
Stddev	.0006	.0000	.0005	.0005	.0014	.0002	.034	.0005	.0016	.0006
%RSD	.8485	10.26	40.18	31.52	1.840	6.765	.9108	.7744	125.6	73.97
#1	.0654	-.0004	-.0009	-.0019	.0774	.0026	3.752	.0630	-.0001	.0004
#2	.0661	-.0004	-.0016	-.0012	.0794	.0023	3.800	.0624	-.0024	.0013

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0614	.0027	-.0052	-.0031	-.0035	.0019	.0263	151.7	1.815	451.0
Stddev	.0001	.0039	.0064	.0031	.0035	.0004	.0306	1.5	.013	4.7
%RSD	.1937	144.8	124.4	99.77	101.4	22.47	116.3	.9708	.7132	1.047
#1	.0615	-.0001	-.0097	-.0053	-.0060	.0022	.0480	150.6	1.806	447.6
#2	.0614	.0055	-.0006	-.0009	-.0010	.0016	.0047	152.7	1.824	454.3

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	103.4	3216.	3.104	.0401	-.0061	5.640	-.0027	2.632	.0015	-.0352
Stddev	1.5	34.	.033	.0004	.0001	.035	.0030	.028	.0006	.0009
%RSD	1.405	1.072	1.047	1.094	2.274	.6162	109.9	1.055	40.70	2.465
#1	102.4	3191.	3.081	.0404	-.0061	5.615	-.0049	2.613	.0010	-.0346
#2	104.4	3240.	3.127	.0398	-.0060	5.664	-.0006	2.652	.0019	-.0358

Elem	Zr3391
Avg	.0064
Stddev	.0014
%RSD	22.63
#1	.0053
#2	.0074

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	67825.	20373.	1870.0	4862.8
Stddev	91.	32.	5.5	11.6
%RSD	.13422	.15696	.29476	.23928
#1	67761.	20396.	1873.9	4871.0
#2	67890.	20351.	1866.1	4854.6

Zoom In Zoom Out

Sample Name: ja59289-9f Acquired: 11/4/2010 2:24:54 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0107	-.0001	-.0003	-.0004	-.0003	.0001	.5848	.0009	-.0003	.0000
Stddev	.0000	.0000	.0000	.0001	.0003	.0000	.0037	.0000	.0002	.000
%RSD	.4603	6.117	13.44	35.60	99.77	46.70	.6296	1.211	55.83	558.0
#1	.0107	-.0001	-.0003	-.0003	-.0004	.0000	.5874	.0009	-.0002	.0001
#2	.0106	-.0001	-.0003	-.0005	-.0001	.0001	.5822	.0009	-.0005	-.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0013	.0008	.0005	.0000	-.0020	-.0003	.0070	24.39	.0071	21.96
Stddev	.0001	.0000	.0009	.001	.0013	.0005	.0029	.09	.0006	.17
%RSD	8.965	3.239	181.8	4501.	65.91	135.3	41.93	.3564	8.795	.7750
#1	.0012	.0007	-.0001	-.0004	-.0029	.0000	.0049	24.45	.0076	22.08
#2	.0014	.0008	.0012	.0004	-.0011	-.0007	.0091	24.33	.0067	21.84

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.055	163.9	.1054	.0011	-.0008	1.023	-.0008	.0899	.0001	-.0089
Stddev	.016	3.3	.0007	.0001	.0004	.004	.0004	.0004	.0002	.0002
%RSD	.7826	2.020	.6395	5.489	48.16	.3399	42.84	.4325	188.7	2.520
#1	2.067	166.2	.1049	.0011	-.0010	1.020	-.0011	.0902	.0003	-.0087
#2	2.044	161.5	.1058	.0011	-.0005	1.025	-.0006	.0897	.0000	-.0091

Elem	Zr3391
Avg	-.0012
Stddev	.0001
%RSD	11.11
#1	-.0013
#2	-.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74879.	21605.	2053.8	5656.1
Stddev	46.	4.	4.8	7.7
%RSD	.06103	.02036	.23291	.13615
#1	74847.	21608.	2057.2	5661.6
#2	74911.	21602.	2050.4	5650.7

Zoom In Zoom Out

Sample Name: ja59289-10f Acquired: 11/4/2010 2:30:59 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0113	-.0001	-.0003	-.0003	.0004	-.0002	.6269	.0007	-.0001	-.0001
Stddev	.0000	.0000	.0001	.0002	.0001	.0002	.0024	.0002	.0003	.0001
%RSD	.4259	26.07	55.88	45.66	15.04	62.26	.3852	28.28	530.2	52.34
#1	.0113	-.0001	-.0004	-.0005	.0004	-.0001	.6252	.0008	-.0003	-.0002
#2	.0113	-.0001	-.0002	-.0002	.0004	-.0004	.6286	.0005	.0002	-.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0009	.0007	-.0006	-.0007	-.0020	-.0013	.0045	25.87	.0077	22.59
Stddev	.0001	.0006	.0000	.0002	.0002	.0005	.0040	.03	.0005	.00
%RSD	7.315	84.37	5.903	33.88	11.92	36.97	89.27	.1153	6.711	.0160
#1	.0010	.0003	-.0006	-.0005	-.0018	-.0010	.0073	25.85	.0081	22.59
#2	.0009	.0011	-.0007	-.0008	-.0022	-.0017	.0016	25.89	.0073	22.59

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.088	166.1	.1070	.0011	-.0006	1.044	-.0006	.0949	.0002	-.0091
Stddev	.009	.1	.0008	.0000	.0005	.005	.0004	.0000	.0002	.0002
%RSD	.4285	.0660	.7339	1.354	84.90	.4764	57.53	.0046	95.56	2.355
#1	2.082	166.2	.1064	.0011	-.0002	1.041	-.0004	.0949	.0001	-.0089
#2	2.094	166.0	.1075	.0012	-.0009	1.048	-.0009	.0949	.0004	-.0093

Elem	Zr3391
Avg	-.0011
Stddev	.0000
%RSD	4.406
#1	-.0011
#2	-.0011

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74472.	21383.	2059.4	5658.1
Stddev	101.	36.	10.7	17.8
%RSD	.13521	.16856	.51849	.31466
#1	74544.	21409.	2066.9	5670.7
#2	74401.	21358.	2051.8	5645.5

Zoom In Zoom Out

Sample Name: ja59289-11f Acquired: 11/4/2010 2:37:05 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0131	-.0001	-.0003	-.0006	-.0004	-.0001	.7461	.0006	-.0001	-.0001
Stddev	.0000	.0000	.0000	.0003	.0006	.0001	.0026	.0001	.0004	.0003
%RSD	.1802	5.032	13.98	57.12	151.8	47.12	.3423	14.35	556.5	176.5
#1	.0132	-.0001	-.0003	-.0008	.0000	-.0001	.7479	.0005	-.0004	-.0003
#2	.0131	-.0001	-.0003	-.0003	-.0008	-.0002	.7443	.0007	.0002	.0000

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0012	.0006	.0004	.0002	-.0025	-.0008	.0074	29.55	.0125	22.52
Stddev	.0001	.0000	.0000	.0004	.0002	.0002	.0054	.05	.0002	.12
%RSD	5.012	3.428	9.622	180.2	9.124	24.49	72.53	.1766	1.662	.5504
#1	.0013	.0006	.0004	-.0001	-.0024	-.0009	.0112	29.51	.0127	22.43
#2	.0012	.0006	.0004	.0005	-.0027	-.0006	.0036	29.58	.0124	22.60

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	2.007	161.7	.1060	.0011	-.0001	1.108	-.0002	.1123	.0004	-.0090
Stddev	.002	.0	.0002	.0001	.0004	.004	.0002	.0001	.0001	.0009
%RSD	.0795	.0244	.1797	6.638	348.8	.3516	89.76	.1299	31.77	9.674
#1	2.008	161.7	.1058	.0010	.0002	1.105	-.0001	.1122	.0003	-.0096
#2	2.006	161.7	.1061	.0011	-.0004	1.110	-.0003	.1124	.0005	-.0084

Elem	Zr3391
Avg	-.0012
Stddev	.0001
%RSD	4.679
#1	-.0012
#2	-.0013

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74284.	21347.	2050.5	5650.2
Stddev	332.	40.	13.7	24.0
%RSD	.44757	.18521	.66780	.42523
#1	74049.	21375.	2060.2	5667.2
#2	74519.	21319.	2040.8	5633.2

Zoom In Zoom Out

Sample Name: ja59289-15f Acquired: 11/4/2010 2:43:11 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0500	-.0004	-.0014	.0105	.0796	.0024	2.333	.0685	-.0015	-.0006
Stddev	.0006	.0000	.0003	.0010	.0004	.0009	.003	.0004	.0013	.0008
%RSD	1.257	8.707	24.07	10.03	.5530	36.36	.1054	.5656	88.53	137.9
#1	.0505	-.0004	-.0016	.0112	.0793	.0018	2.331	.0688	-.0006	.0000
#2	.0496	-.0004	-.0011	.0097	.0799	.0030	2.335	.0682	-.0025	-.0012

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0680	.0022	.0023	-.0004	-.0014	.0018	.0347	207.4	3.946	557.9
Stddev	.0005	.0021	.0054	.0011	.0019	.0007	.0173	.2	.023	.5
%RSD	.6986	95.82	238.3	249.6	138.5	40.25	49.98	.0981	.5922	.0825
#1	.0683	.0037	.0061	.0003	-.0027	.0023	.0224	207.3	3.963	557.6
#2	.0677	.0007	-.0015	-.0012	.0000	.0013	.0469	207.6	3.930	558.2

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	148.6	3812.	1.880	.0395	-.0058	8.538	-.0030	3.710	.0001	-.0371
Stddev	.1	38.	.009	.0006	.0036	.041	.0026	.000	.0001	.0002
%RSD	.0537	.9931	.4718	1.498	61.21	.4806	85.92	.0111	131.1	.4840
#1	148.6	3839.	1.874	.0391	-.0033	8.509	-.0049	3.710	.0000	-.0370
#2	148.5	3785.	1.886	.0399	-.0083	8.567	-.0012	3.710	.0002	-.0372

Elem	Zr3391
Avg	-.0049
Stddev	.0004
%RSD	7.842
#1	-.0046
#2	-.0052

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	67472.	19878.	1883.4	4849.2
Stddev	131.	39.	7.7	9.7
%RSD	.19483	.19799	.40702	.20082
#1	67565.	19850.	1888.8	4856.1
#2	67379.	19906.	1878.0	4842.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/4/2010 2:49:17 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.987	2.087	1.999	1.959	1.860	2.132	2.020	2.006	.2422	2.008
Stddev	.003	.002	.001	.000	.007	.002	.004	.004	.0008	.005
%RSD	.1599	.1053	.0446	.0211	.3940	.0923	.2212	.2225	.3481	.2391
#1	1.985	2.089	1.998	1.959	1.866	2.134	2.023	2.009	.2428	2.012
#2	1.989	2.085	1.999	1.960	1.855	2.131	2.016	2.003	.2416	2.005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.918	2.006	1.908	1.920	1.994	2.066	39.87	40.96	40.79	40.21
Stddev	.002	.001	.004	.002	.002	.004	.06	.08	.06	.04
%RSD	.1261	.0445	.2047	.0956	.0986	.1840	.1561	.1842	.1529	.0944
#1	1.919	2.006	1.906	1.921	1.992	2.063	39.92	41.01	40.74	40.19
#2	1.916	2.007	1.911	1.919	1.995	2.068	39.83	40.91	40.83	40.24
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.90	40.73	2.013	1.976	1.920	5.079	2.055	2.125	2.065	1.935
Stddev	.03	.13	.002	.005	.004	.008	.000	.001	.004	.007
%RSD	.0785	.3116	.1084	.2466	.2285	.1636	.0064	.0542	.1776	.3460
#1	41.92	40.64	2.011	1.972	1.923	5.073	2.055	2.124	2.067	1.930
#2	41.87	40.82	2.014	1.979	1.917	5.085	2.056	2.126	2.062	1.939
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/4/2010 2:49:17 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.010
Stddev	.001
%RSD	.0499
#1	2.010
#2	2.009
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74275.	20978.	2106.0	5646.3
Stddev	118.	1.	2.0	1.9
%RSD	.15912	.00515	.09261	.03326
#1	74358.	20979.	2107.4	5645.0
#2	74191.	20977.	2104.6	5647.7

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/4/2010 2:55:06 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0008	.0004	.0004	.0001	-.0007	.0007	.0001	.0001
Stddev	.0001	.0000	.0001	.0002	.0002	.0001	.0001	.0001	.0000
%RSD	10.66	.5698	37.43	48.30	249.9	20.11	9.914	87.99	33.29
#1	.0010	.0008	.0005	.0005	.0002	-.0006	.0007	.0002	.0001
#2	.0011	.0008	.0003	.0003	-.0001	-.0007	.0007	.0000	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0002	.0006	.0005	.0000	-.0005	.0007	.0198	.0140
Stddev	.0002	.0001	.0005	.0002	.000	.0013	.0007	.0004	.0023
%RSD	21.20	62.47	79.50	48.02	145.0	268.5	99.94	1.879	16.29
#1	.0007	.0003	.0003	.0006	-.0001	.0004	.0011	.0201	.0124
#2	.0009	.0001	.0009	.0003	.0000	-.0014	.0002	.0195	.0156
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0181	.0218	.0462	.0778	-.0001	F.0022	.0005	.0011	.0010
Stddev	.0003	.0011	.0016	.0047	.0001	.0008	.0004	.0000	.0003
%RSD	1.561	4.976	3.424	6.081	108.4	38.35	80.25	.4804	25.51
#1	.0183	.0225	.0451	.0745	.0000	.0028	.0008	.0011	.0008
#2	.0179	.0210	.0473	.0812	-.0002	.0016	.0002	.0011	.0012
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100					.0020			
Low Limit	-.0100					-.0020			

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/4/2010 2:55:06 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0008	.0006	.0025	.0010
Stddev	.0001	.0004	.0010	.0002
%RSD	13.33	62.21	38.84	16.22
#1	.0008	.0003	.0031	.0012
#2	.0009	.0009	.0018	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76765.	21049.	2194.1	6223.3
Stddev	49.	29.	1.0	1.8
%RSD	.06433	.13843	.04773	.02852
#1	76730.	21028.	2193.4	6222.1
#2	76800.	21070.	2194.9	6224.6

Zoom In Zoom Out

Sample Name: mp55431-mb1conf Acquired: 11/4/2010 3:01:10 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0046	-.0001	.0000	.0000	.0002	-.0005	.0005	.0001	-.0001	.0003
Stddev	.0001	.0000	.0000	.000	.0003	.0001	.0000	.0002	.0002	.0001
%RSD	1.376	48.10	81.44	93.50	122.9	20.04	10.48	210.6	277.5	32.04
#1	.0046	-.0001	.0000	.0000	.0000	-.0006	.0004	-.0001	-.0002	.0004
#2	.0045	-.0001	.0001	-.0001	.0004	-.0004	.0005	.0003	.0001	.0002

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0042	-.0001	.0003	.0008	.0001	.0009	.0031	.0033	.0026	-.0016
Stddev	.0001	.0006	.0003	.0000	.0001	.0001	.0008	.0015	.0006	.0118
%RSD	3.009	533.9	108.0	2.575	138.4	8.705	25.30	46.33	21.33	732.8
#1	.0041	-.0005	.0005	.0009	.0001	.0009	.0036	.0044	.0030	-.0099
#2	.0043	.0003	.0001	.0008	.0000	.0008	.0025	.0022	.0022	.0067

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0268	.0295	-.0009	-.0008	-.0001	.0112	.0008	-.0001	.0002	-.0013
Stddev	.0232	.0001	.0001	.0000	.0007	.0004	.0005	.0000	.0001	.0002
%RSD	86.83	.3712	15.58	4.170	593.6	3.369	58.94	15.60	35.85	17.94
#1	.0432	.0296	-.0008	-.0008	.0004	.0109	.0005	-.0001	.0001	-.0012
#2	.0103	.0294	-.0010	-.0008	-.0006	.0115	.0012	-.0001	.0002	-.0015

Elem	Zr3391
Avg	.0008
Stddev	.0002
%RSD	18.51
#1	.0007
#2	.0009

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76522.	21128.	2166.3	6197.9
Stddev	104.	52.	.7	4.0
%RSD	.13591	.24599	.03193	.06519
#1	76448.	21165.	2165.8	6195.0
#2	76595.	21091.	2166.8	6200.7

Zoom In Zoom Out

Sample Name: mp55431-lc1 Acquired: 11/4/2010 3:07:13 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.4857	.5088	.4789	.4832	.4552	.4971	.4959	.4787	.1829	.4626
Stddev	.0005	.0019	.0004	.0003	.0002	.0003	.0002	.0005	.0002	.0003
%RSD	.0936	.3757	.0776	.0565	.0478	.0643	.0466	.0946	.1142	.0715
#1	.4854	.5102	.4792	.4834	.4551	.4969	.4961	.4783	.1830	.4629
#2	.4860	.5075	.4787	.4830	.4554	.4973	.4957	.4790	.1827	.4624

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4687	.4778	.4189	.4494	.4702	.4934	4.801	5.615	5.595	5.187
Stddev	.0012	.0005	.0006	.0007	.0012	.0007	.011	.040	.005	.005
%RSD	.2582	.1057	.1396	.1483	.2446	.1476	.2242	.7169	.0938	.1039
#1	.4678	.4782	.4185	.4489	.4710	.4940	4.808	5.643	5.599	5.191
#2	.4695	.4774	.4193	.4499	.4694	.4929	4.793	5.586	5.592	5.183

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	10.11	9.988	.0143	.4882	-.0036	.1652	.0014	.0003	.5021	.0042
Stddev	.00	.007	.0000	.0001	.0012	.0002	.0003	.0001	.0011	.0006
%RSD	.0306	.0694	.1033	.0203	32.32	.1419	23.55	21.27	.2188	13.38
#1	10.11	9.983	.0143	.4882	-.0045	.1654	.0016	.0004	.5013	.0046
#2	10.11	9.993	.0143	.4881	-.0028	.1650	.0012	.0003	.5029	.0038

Elem	Zr3391
Avg	.0584
Stddev	.0044
%RSD	7.549
#1	.0615
#2	.0553

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75884.	21048.	2139.0	6031.5
Stddev	24.	94.	8.4	16.1
%RSD	.03100	.44890	.39188	.26710
#1	75867.	20981.	2133.1	6020.1
#2	75900.	21115.	2144.9	6042.8

Zoom In Zoom Out

Sample Name: mp55431-s1 Acquired: 11/4/2010 3:13:04 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	2.028	.0498	.0502	.4632	.1781	.2535	.6796	.4718	.0472	.4490
Stddev	.000	.0001	.0003	.0008	.0004	.0002	.0004	.0003	.0001	.0003
%RSD	.0013	.2907	.5944	.1826	.2104	.0764	.0648	.0645	.1274	.0613
#1	2.028	.0497	.0504	.4638	.1778	.2533	.6799	.4716	.0471	.4491
#2	2.028	.0499	.0500	.4626	.1784	.2536	.6793	.4720	.0472	.4488

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4456	1.908	1.646	.4393	1.616	.5042	2.028	85.33	.9790	26.74
Stddev	.0004	.002	.002	.0004	.002	.0000	.004	.13	.0017	.06
%RSD	.0935	.1172	.0975	.0943	.1398	.0001	.1708	.1532	.1704	.2101
#1	.4459	1.907	1.647	.4396	1.617	.5042	2.031	85.42	.9802	26.78
#2	.4453	1.910	1.645	.4390	1.614	.5042	2.026	85.24	.9778	26.70

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	30.63	39.28	1.998	1.922	2.008	29.59	1.930	2.376	1.988	.0010
Stddev	.11	.08	.003	.003	.001	.02	.003	.001	.004	.0001
%RSD	.3447	.2005	.1516	.1372	.0281	.0614	.1534	.0296	.1776	11.71
#1	30.55	39.23	2.000	1.920	2.008	29.60	1.928	2.376	1.986	.0009
#2	30.70	39.34	1.996	1.924	2.007	29.57	1.932	2.377	1.991	.0010

Elem	Zr3391
Avg	.0381
Stddev	.0040
%RSD	10.48
#1	.0409
#2	.0353

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73755.	20959.	2050.6	5643.4
Stddev	374.	18.	1.3	.6
%RSD	.50771	.08752	.06234	.01096
#1	74019.	20946.	2049.7	5643.0
#2	73490.	20972.	2051.5	5643.9

Zoom In Zoom Out

Sample Name: mp55431-s2 Acquired: 11/4/2010 3:18:50 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	2.003	.0496	.0500	.4592	.1756	.2511	.6730	.4694	.0469	.4437
Stddev	.007	.0001	.0002	.0003	.0008	.0008	.0012	.0002	.0003	.0009
%RSD	.3501	.2314	.4478	.0697	.4495	.3232	.1787	.0379	.7020	.2028
#1	1.998	.0497	.0498	.4590	.1750	.2505	.6722	.4696	.0466	.4431
#2	2.008	.0495	.0501	.4594	.1761	.2517	.6739	.4693	.0471	.4444

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4428	1.892	1.633	.4372	1.612	.5008	2.000	85.32	.9934	26.57
Stddev	.0007	.002	.003	.0002	.004	.0010	.001	.01	.0034	.01
%RSD	.1547	.0858	.1941	.0376	.2506	.1904	.0475	.0110	.3412	.0284
#1	.4433	1.891	1.631	.4371	1.609	.5001	2.000	85.32	.9910	26.57
#2	.4423	1.893	1.636	.4374	1.615	.5014	2.001	85.33	.9958	26.58

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	30.28	38.66	1.981	1.911	1.972	29.44	1.923	2.359	1.964	.0000
Stddev	.01	.04	.005	.008	.002	.07	.000	.005	.004	.000
%RSD	.0438	.1150	.2616	.4213	.1055	.2506	.0128	.2181	.2084	792.6
#1	30.29	38.63	1.977	1.905	1.971	29.38	1.923	2.355	1.961	-.0001
#2	30.27	38.69	1.984	1.916	1.973	29.49	1.922	2.362	1.967	.0001

Elem	Zr3391
Avg	.0075
Stddev	.0007
%RSD	9.815
#1	.0080
#2	.0069

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74140.	20914.	2058.3	5657.9
Stddev	126.	22.	4.7	1.0
%RSD	.16927	.10625	.23021	.01846
#1	74228.	20930.	2061.6	5658.7
#2	74051.	20898.	2054.9	5657.2

Zoom In Zoom Out

Sample Name: ja58768-1 Acquired: 11/4/2010 3:24:35 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1383	.0000	-.0006	-.0010	.0024	.0073	1.032	-.0056	.0008	.0032
Stddev	.0003	.0000	.0001	.0000	.0000	.0003	.001	.0003	.0004	.0001
%RSD	.2072	30.42	15.82	4.231	1.625	4.394	.0578	5.628	48.05	1.664
#1	.1381	.0000	-.0006	-.0010	.0024	.0075	1.031	-.0058	.0011	.0032
#2	.1385	.0000	-.0005	-.0010	.0024	.0071	1.032	-.0053	.0005	.0031

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	-.0003	.0074	.0003	.0021	.0023	.0013	.0142	39.17	91.31	12.00
Stddev	.0002	.0010	.0013	.0003	.0002	.0000	.0006	.00	.11	.02
%RSD	52.05	12.98	485.0	16.66	7.191	1.843	4.446	.0098	.1228	.1506
#1	-.0005	.0081	-.0006	.0018	.0025	.0013	.0146	39.17	91.23	12.02
#2	-.0002	.0067	.0012	.0023	.0022	.0013	.0137	39.16	91.38	11.99

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	4.384	51.74	.0729	.0059	.0046	1.610	-.0008	.1806	.0002	-.0043
Stddev	.003	.07	.0003	.0008	.0007	.004	.0004	.0006	.0003	.0001
%RSD	.0736	.1426	.4063	13.34	15.41	.2164	47.94	.3400	131.3	1.485
#1	4.386	51.69	.0726	.0064	.0041	1.613	-.0010	.1801	.0005	-.0042
#2	4.382	51.79	.0731	.0053	.0051	1.608	-.0005	.1810	.0000	-.0043

Elem	Zr3391
Avg	.0004
Stddev	.0002
%RSD	41.08
#1	.0003
#2	.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74321.	20969.	2072.6	5775.5
Stddev	25.	6.	2.8	3.8
%RSD	.03389	.02754	.13401	.06567
#1	74339.	20965.	2070.7	5772.8
#2	74303.	20973.	2074.6	5778.2

Zoom In Zoom Out

Sample Name: ja59326-3 Acquired: 11/4/2010 3:30:35 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0401	-.0005	-.0007	-.0026	.0841	-.0010	.0596	.0673	-.0024	.0019
Stddev	.0004	.0001	.0000	.0004	.0009	.0002	.0004	.0016	.0010	.0001
%RSD	.9077	25.25	.0538	15.85	1.127	24.88	.6693	2.416	44.27	3.659
#1	.0404	-.0004	-.0007	-.0029	.0835	-.0008	.0599	.0684	-.0016	.0018
#2	.0399	-.0005	-.0007	-.0023	.0848	-.0012	.0593	.0661	-.0031	.0019

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0736	.0045	-.0055	-.0027	-.0011	.0046	.0624	220.2	.6129	661.1
Stddev	.0003	.0030	.0147	.0027	.0006	.0038	.0342	.2	.0140	1.5
%RSD	.4283	66.89	265.9	100.3	54.92	82.59	54.88	.0801	2.285	.2211
#1	.0738	.0024	-.0159	-.0046	-.0007	.0019	.0866	220.0	.6030	660.1
#2	.0734	.0066	.0049	-.0008	-.0015	.0072	.0382	220.3	.6228	662.1

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	213.3	4343.	2.498	.0451	-.0024	2.040	.0152	4.025	.0033	-.0302
Stddev	.8	7.	.008	.0006	.0005	.009	.0019	.008	.0008	.0060
%RSD	.3657	.1576	.3271	1.221	21.70	.4507	12.57	.1924	22.78	19.86
#1	213.9	4348.	2.493	.0454	-.0027	2.034	.0166	4.019	.0028	-.0345
#2	212.8	4338.	2.504	.0447	-.0020	2.047	.0139	4.030	.0039	-.0260

Elem	Zr3391
Avg	-.0064
Stddev	.0002
%RSD	3.838
#1	-.0066
#2	-.0062

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	66547.	19625.	1870.2	4781.0
Stddev	178.	71.	7.8	13.6
%RSD	.26685	.36096	.41671	.28433
#1	66673.	19675.	1875.7	4790.7
#2	66422.	19575.	1864.7	4771.4

Zoom In Zoom Out

Sample Name: ja59327-1 Acquired: 11/4/2010 3:36:42 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1898	-.0001	-.0004	-.0010	.0014	.0013	.6669	.0003	.0001	.0013
Stddev	.0006	.0000	.0001	.0001	.0001	.0002	.0012	.0000	.0002	.0002
%RSD	.3007	29.31	28.86	5.912	6.331	16.38	.1728	7.029	177.7	13.13
#1	.1894	-.0001	-.0003	-.0010	.0015	.0014	.6677	.0003	.0002	.0011
#2	.1902	-.0001	-.0004	-.0010	.0013	.0011	.6660	.0003	.0000	.0014

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0135	.0016	.0001	.0054	.0004	.0001	.0559	129.2	7.943	11.63
Stddev	.0001	.0012	.0002	.0005	.0001	.0006	.0029	.7	.005	.07
%RSD	.8598	73.20	236.0	9.874	28.32	454.3	5.111	.5425	.0611	.5775
#1	.0135	.0008	-.0001	.0058	.0005	-.0003	.0579	129.7	7.940	11.68
#2	.0136	.0025	.0003	.0051	.0003	.0006	.0539	128.7	7.947	11.58

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.856	50.10	.1173	.0017	-.0033	17.86	.0021	.4129	.0040	-.0053
Stddev	.006	.23	.0009	.0001	.0010	.05	.0002	.0011	.0001	.0002
%RSD	.0853	.4573	.7926	5.829	30.04	.3012	10.81	.2583	3.307	2.962
#1	6.852	49.94	.1180	.0018	-.0040	17.90	.0023	.4121	.0039	-.0052
#2	6.860	50.26	.1167	.0016	-.0026	17.83	.0020	.4136	.0041	-.0054

Elem	Zr3391
Avg	-.0063
Stddev	.0001
%RSD	1.866
#1	-.0064
#2	-.0062

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73625.	20792.	2044.0	5642.0
Stddev	313.	64.	6.2	26.5
%RSD	.42494	.30673	.30149	.47026
#1	73403.	20747.	2039.7	5623.2
#2	73846.	20837.	2048.4	5660.7

Zoom In Zoom Out

Sample Name: ja59327-1 Acquired: 11/4/2010 3:42:42 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1893	-.0004	-.0006	-.0024	.0825	-.0023	.6835	.0620	.0004	.0026
Stddev	.0003	.0000	.0002	.0006	.0007	.0003	.0002	.0009	.0014	.0003
%RSD	.1667	3.632	34.32	25.51	.8896	11.76	.0336	1.394	362.0	13.67
#1	.1891	-.0004	-.0005	-.0028	.0820	-.0025	.6836	.0627	-.0006	.0023
#2	.1895	-.0004	-.0007	-.0019	.0830	-.0021	.6833	.0614	.0014	.0028

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0761	.0010	-.0039	.0070	-.0021	.0020	.0666	129.5	8.309	11.60
Stddev	.0003	.0000	.0009	.0010	.0063	.0000	.0217	.6	.000	.00
%RSD	.4183	.9483	22.44	14.25	301.8	.0904	32.56	.4328	.0035	.0247
#1	.0759	.0010	-.0045	.0077	-.0065	.0020	.0513	129.1	8.309	11.61
#2	.0763	.0010	-.0033	.0063	.0024	.0020	.0820	129.9	8.310	11.60

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.844	49.64	.1374	.0080	-.0017	17.67	.0015	.4073	.0042	-.0337
Stddev	.069	.26	.0027	.0000	.0037	.02	.0011	.0004	.0005	.0012
%RSD	1.003	.5185	1.952	.1035	219.4	.0953	74.81	.0877	11.12	3.529
#1	6.893	49.83	.1393	.0080	-.0043	17.68	.0023	.4075	.0039	-.0329
#2	6.796	49.46	.1355	.0080	.0009	17.65	.0007	.4070	.0045	-.0346

Elem	Zr3391
Avg	-.0100
Stddev	.0001
%RSD	1.502
#1	-.0101
#2	-.0099

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75704.	21140.	2141.1	6054.4
Stddev	46.	19.	1.1	6.7
%RSD	.06057	.08968	.05351	.11050
#1	75736.	21127.	2140.3	6059.2
#2	75671.	21153.	2141.9	6049.7

Zoom In Zoom Out

Sample Name: mp55473-mb1 2 Acquired: 11/4/2010 3:48:42 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0001	-.0001	.0000	-.0002	-.0001	-.0014	.0000	-.0003	-.0002	.0002
Stddev	.0000	.0000	.0001	.0001	.0002	.0003	.000	.0001	.0003	.0002
%RSD	44.35	4.257	392.5	43.64	196.6	24.09	18.94	35.57	133.1	107.8
#1	.0001	-.0001	.0001	-.0001	.0000	-.0016	.0000	-.0004	.0000	.0000
#2	.0000	-.0001	.0000	-.0003	-.0003	-.0012	.0000	-.0002	-.0004	.0004

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0002	-.0006	-.0017	.0002	-.0006	.0008	.0045	-.0095	.0042	.0003
Stddev	.0000	.0000	.0003	.0001	.0003	.0001	.0024	.0008	.0012	.0038
%RSD	.7292	4.947	20.27	52.77	55.35	19.35	53.84	8.042	27.41	1272.
#1	.0002	-.0006	-.0015	.0003	-.0004	.0007	.0062	-.0100	.0034	-.0024
#2	.0002	-.0006	-.0020	.0001	-.0009	.0009	.0028	-.0090	.0051	.0030

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0231	.0145	-.0012	-.0017	.0008	.0109	.0025	-.0001	.0001	-.0057
Stddev	.0083	.0016	.0000	.0000	.0007	.0002	.0003	.0000	.0000	.0002
%RSD	35.86	10.84	1.352	2.841	86.92	1.661	12.62	18.95	35.97	3.540
#1	.0290	.0134	-.0012	-.0017	.0013	.0108	.0023	-.0001	.0002	-.0059
#2	.0173	.0156	-.0012	-.0018	.0003	.0111	.0027	-.0001	.0001	-.0056

Elem	Zr3391
Avg	-.0007
Stddev	.0001
%RSD	21.32
#1	-.0006
#2	-.0008

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76696.	21287.	2147.9	6167.2
Stddev	3.	166.	1.5	8.6
%RSD	.00401	.78158	.06953	.13935
#1	76694.	21405.	2146.8	6161.1
#2	76698.	21169.	2148.9	6173.3

Zoom In Zoom Out

Sample Name: mp55473-lc1 Acquired: 11/4/2010 3:54:45 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.4724	.4997	.4712	.4746	.4431	.4944	.4860	.4709	.1809	.4532
Stddev	.0023	.0019	.0001	.0003	.0007	.0002	.0012	.0007	.0001	.0002
%RSD	.4928	.3834	.0199	.0693	.1596	.0351	.2463	.1590	.0632	.0378
#1	.4741	.4983	.4713	.4743	.4426	.4943	.4851	.4704	.1808	.4531
#2	.4708	.5010	.4711	.4748	.4436	.4945	.4868	.4715	.1810	.4533

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4566	.4679	.4112	.4410	.4627	.4850	4.725	5.376	5.478	5.097
Stddev	.0012	.0001	.0015	.0017	.0005	.0004	.007	.055	.018	.059
%RSD	.2656	.0280	.3569	.3957	.1098	.0723	.1482	1.018	.3250	1.167
#1	.4558	.4680	.4101	.4398	.4624	.4848	4.720	5.337	5.465	5.055
#2	.4575	.4679	.4122	.4423	.4631	.4853	4.730	5.414	5.490	5.139

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	10.02	9.904	.0102	.4778	.0064	.0939	.0030	.0002	.4944	-.0005
Stddev	.01	.061	.0006	.0008	.0002	.0001	.0005	.0000	.0009	.0005
%RSD	.0587	.6132	5.479	.1593	3.307	.1050	18.08	8.024	.1890	103.1
#1	10.02	9.947	.0106	.4772	.0065	.0940	.0026	.0002	.4937	-.0001
#2	10.03	9.861	.0098	.4783	.0062	.0939	.0033	.0002	.4950	-.0008

Elem	Zr3391
Avg	.0062
Stddev	.0001
%RSD	2.162
#1	.0063
#2	.0061

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75672.	21125.	2127.7	5999.6
Stddev	25.	4.	2.1	3.8
%RSD	.03308	.02009	.10020	.06297
#1	75690.	21128.	2126.2	5996.9
#2	75654.	21122.	2129.2	6002.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/4/2010 4:00:39 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.996	2.106	2.005	1.962	1.872	2.151	2.038	2.016	.2433	2.024
Stddev	.001	.000	.003	.003	.001	.001	.002	.002	.0000	.001
%RSD	.0296	.0183	.1323	.1560	.0351	.0532	.1053	.0829	.0124	.0654
#1	1.995	2.106	2.007	1.965	1.872	2.150	2.037	2.015	.2433	2.023
#2	1.996	2.105	2.003	1.960	1.873	2.152	2.040	2.017	.2434	2.025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.919	2.012	1.905	1.923	1.999	2.076	40.11	41.48	41.19	40.67
Stddev	.002	.001	.008	.003	.001	.001	.08	.02	.09	.02
%RSD	.0809	.0509	.4009	.1342	.0637	.0440	.1990	.0388	.2092	.0501
#1	1.920	2.013	1.910	1.925	2.000	2.075	40.17	41.49	41.13	40.66
#2	1.918	2.011	1.900	1.922	1.998	2.077	40.05	41.47	41.25	40.69
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.17	41.39	2.017	1.982	1.932	5.094	2.064	2.139	2.089	1.952
Stddev	.16	.04	.001	.003	.001	.004	.004	.000	.001	.012
%RSD	.3767	.0862	.0612	.1492	.0656	.0770	.1723	.0043	.0646	.6357
#1	42.28	41.36	2.018	1.980	1.933	5.097	2.061	2.139	2.088	1.943
#2	42.05	41.41	2.016	1.984	1.931	5.092	2.066	2.139	2.090	1.961
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/4/2010 4:00:39 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	1.990
Stddev	.009
%RSD	.4710
#1	1.984
#2	1.997
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74453.	20861.	2107.0	5634.9
Stddev	212.	31.	1.2	2.8
%RSD	.28416	.14921	.05483	.04880
#1	74602.	20883.	2107.8	5636.9
#2	74303.	20839.	2106.2	5633.0

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/4/2010 4:06:28 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0006	F.0009	.0009	.0001	-.0011	.0008	.0008	-.0003
Stddev	.0002	.0000	.0001	.0001	.0002	.0000	.0000	.0000	.0001
%RSD	30.09	5.852	14.00	8.435	165.8	2.461	3.000	5.176	50.25
#1	.0005	.0006	.0008	.0009	.0000	-.0011	.0008	.0007	-.0004
#2	.0008	.0006	.0010	.0008	.0003	-.0011	.0008	.0008	-.0002
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.0006						
Low Limit			-.0006						

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0008	.0011	.0013	.0007	-.0004	.0018	.0171	.0083
Stddev	.0001	.0001	.0003	.0001	.0003	.0003	.0001	.0049	.0042
%RSD	11.49	15.12	28.92	9.727	39.22	68.04	4.035	28.45	50.04
#1	.0011	.0009	.0008	.0014	.0005	-.0002	.0018	.0137	.0054
#2	.0009	.0007	.0013	.0013	.0009	-.0007	.0017	.0206	.0113
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0138	.0082	.0470	.0232	.0007	F.0034	.0010	.0025	.0014
Stddev	.0006	.0038	.0248	.0015	.0000	.0010	.0004	.0002	.0001
%RSD	4.061	46.49	52.72	6.593	3.244	29.72	44.87	6.104	8.757
#1	.0134	.0110	.0295	.0221	.0007	.0041	.0007	.0026	.0014
#2	.0142	.0055	.0646	.0243	.0007	.0027	.0013	.0024	.0013
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100					.0020			
Low Limit	-.0100					-.0020			

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/4/2010 4:06:28 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0006	.0005	.0040	.0011
Stddev	.0000	.0001	.0007	.0000
%RSD	6.540	19.45	17.48	2.020
#1	.0005	.0004	.0045	.0011
#2	.0006	.0005	.0035	.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	77182.	21120.	2180.8	6194.6
Stddev	20.	63.	1.6	2.0
%RSD	.02646	.29706	.07146	.03160
#1	77197.	21076.	2179.7	6193.3
#2	77168.	21164.	2181.9	6196.0

Zoom In Zoom Out

Sample Name: mp55473-s1 Acquired: 11/4/2010 4:12:34 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.917	.0466	.0489	.4307	.1648	.2846	.9024	.4569	.0464	.4236
Stddev	.001	.0001	.0002	.0001	.0000	.0002	.0005	.0008	.0007	.0006
%RSD	.0355	.1438	.3074	.0292	.0196	.0789	.0505	.1679	1.556	.1410
#1	1.918	.0467	.0487	.4308	.1648	.2848	.9028	.4574	.0459	.4240
#2	1.917	.0466	.0490	.4306	.1648	.2845	.9021	.4563	.0469	.4232

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4406	1.852	1.515	.4395	1.669	.4812	2.647	157.2	9.225	79.02
Stddev	.0007	.002	.004	.0004	.008	.0019	.001	.3	.018	.19
%RSD	.1541	.1196	.2900	.0906	.4580	.3980	.0200	.1688	.1994	.2365
#1	.4401	1.853	1.512	.4393	1.674	.4826	2.647	157.3	9.238	79.15
#2	.4411	1.850	1.518	.4398	1.663	.4799	2.647	157.0	9.212	78.89

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	38.20	240.1	.2912	.0055	-.0019	13.10	.0025	.8002	.0344	.0024
Stddev	.16	1.2	.0001	.0001	.0005	.02	.0006	.0017	.0000	.0014
%RSD	.4151	.5113	.0463	1.225	27.59	.1270	22.75	.2113	.0512	57.01
#1	38.31	241.0	.2913	.0055	-.0023	13.11	.0029	.8014	.0344	.0034
#2	38.09	239.2	.2911	.0056	-.0016	13.09	.0021	.7990	.0344	.0014

Elem	Zr3391
Avg	.0157
Stddev	.0006
%RSD	3.644
#1	.0161
#2	.0153

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70982.	20395.	1937.5	5158.2
Stddev	46.	68.	4.7	8.8
%RSD	.06512	.33463	.24047	.16988
#1	70949.	20347.	1934.2	5152.0
#2	71015.	20443.	1940.8	5164.4

Zoom In Zoom Out

Sample Name: mp55473-s2 Acquired: 11/4/2010 4:18:30 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	1.956	.0478	.0495	.4383	.1667	.3015	.9288	.4658	.0476	.4319
Stddev	.002	.0000	.0004	.0003	.0010	.0005	.0013	.0004	.0005	.0004
%RSD	.1228	.0355	.8076	.0733	.5804	.1676	.1433	.0785	1.088	.1031
#1	1.954	.0478	.0492	.4381	.1673	.3012	.9278	.4660	.0479	.4316
#2	1.957	.0478	.0498	.4385	.1660	.3019	.9297	.4655	.0472	.4322

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.4477	1.890	1.535	.4464	1.700	.4916	2.726	163.3	9.537	81.85
Stddev	.0009	.001	.007	.0026	.000	.0005	.014	1.4	.045	.51
%RSD	.2010	.0749	.4603	.5738	.0044	.0973	.5263	.8282	.4742	.6255
#1	.4471	1.891	1.530	.4446	1.700	.4919	2.736	164.3	9.569	82.21
#2	.4483	1.889	1.540	.4482	1.700	.4912	2.716	162.4	9.505	81.49

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	39.50	248.5	.3018	.0049	-.0019	13.60	.0038	.8332	.0361	.0004
Stddev	.05	.5	.0002	.0000	.0012	.00	.0005	.0013	.0014	.0007
%RSD	.1309	.1955	.0614	.5962	62.32	.0112	12.98	.1601	3.838	167.7
#1	39.46	248.9	.3017	.0049	-.0028	13.60	.0042	.8322	.0351	.0010
#2	39.54	248.2	.3020	.0049	-.0011	13.60	.0035	.8341	.0371	-.0001

Elem	Zr3391
Avg	.0085
Stddev	.0003
%RSD	3.300
#1	.0087
#2	.0083

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70879.	20284.	1930.2	5135.6
Stddev	32.	124.	4.4	5.5
%RSD	.04543	.60953	.22637	.10623
#1	70856.	20197.	1927.1	5131.7
#2	70902.	20372.	1933.3	5139.4

Zoom In Zoom Out

Sample Name: ja59411-1 Acquired: 11/4/2010 4:24:25 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1493	.0000	.0000	.0001	.0029	.0440	.4799	.0060	.0002	.0056
Stddev	.0005	.000	.000	.0000	.0007	.0005	.0007	.0002	.0001	.0003
%RSD	.3261	254.9	45.78	83.43	22.51	1.224	.1492	2.863	76.58	6.197
#1	.1490	.0000	.0000	.0001	.0025	.0436	.4794	.0059	.0001	.0058
#2	.1497	.0000	-.0001	.0000	.0034	.0444	.4804	.0061	.0003	.0054

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0280	.0102	.0007	.0224	.0009	.0012	.7779	140.8	8.615	58.02
Stddev	.0002	.0000	.0003	.0009	.0004	.0004	.0070	.8	.032	.20
%RSD	.6727	.4522	45.64	3.957	42.73	30.94	.8957	.5691	.3661	.3494
#1	.0279	.0102	.0010	.0230	.0012	.0014	.7729	141.4	8.637	58.16
#2	.0281	.0102	.0005	.0218	.0006	.0009	.7828	140.3	8.593	57.87

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	14.25	224.2	.2965	.0040	-.0034	13.44	.0029	.8322	.0342	-.0042
Stddev	.00	1.9	.0006	.0000	.0001	.02	.0008	.0014	.0002	.0003
%RSD	.0058	.8521	.1933	.2539	1.799	.1128	27.77	.1705	.6441	6.547
#1	14.25	225.6	.2969	.0040	-.0034	13.45	.0034	.8312	.0340	-.0044
#2	14.25	222.9	.2961	.0040	-.0035	13.43	.0023	.8332	.0343	-.0040

Elem	Zr3391
Avg	-.0029
Stddev	.0001
%RSD	4.428
#1	-.0028
#2	-.0030

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71219.	20378.	1955.6	5250.4
Stddev	186.	116.	2.1	4.2
%RSD	.26167	.56743	.10936	.07908
#1	71351.	20297.	1954.1	5247.4
#2	71088.	20460.	1957.1	5253.3

Zoom In Zoom Out

Sample Name: mp55473-sd1 Acquired: 11/4/2010 4:30:30 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1503	-.0005	-.0007	-.0016	.0853	.0397	.5026	.0686	-.0004	.0072
Stddev	.0001	.0001	.0000	.0003	.0004	.0009	.0012	.0007	.0026	.0010
%RSD	.0793	18.33	6.875	15.65	.4800	2.346	.2308	1.010	600.0	14.35
#1	.1504	-.0005	-.0007	-.0018	.0856	.0391	.5018	.0691	.0014	.0065
#2	.1502	-.0004	-.0007	-.0014	.0850	.0404	.5035	.0681	-.0022	.0080

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.1320	.0070	-.0048	.0229	-.0001	.0042	.7982	144.0	9.199	57.83
Stddev	.0010	.0024	.0032	.0005	.0067	.0012	.0346	.4	.016	.22
%RSD	.7865	34.23	66.93	1.981	7022.	27.75	4.341	.2842	.1788	.3890
#1	.1328	.0087	-.0025	.0226	-.0048	.0034	.8226	144.3	9.211	57.99
#2	.1313	.0053	-.0070	.0232	.0046	.0050	.7737	143.7	9.188	57.67

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	13.99	232.0	.3256	.0124	-.0019	13.26	.0024	.8284	.0341	-.0288
Stddev	.05	.2	.0032	.0005	.0034	.01	.0010	.0014	.0004	.0016
%RSD	.3578	.0734	.9834	4.388	180.6	.0790	42.42	.1630	1.106	5.459
#1	14.02	232.1	.3278	.0127	-.0042	13.25	.0017	.8275	.0338	-.0277
#2	13.95	231.9	.3233	.0120	.0005	13.27	.0031	.8294	.0343	-.0299

Elem	Zr3391
Avg	-.0049
Stddev	.0004
%RSD	9.068
#1	-.0046
#2	-.0052

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75401.	20933.	2108.1	5883.6
Stddev	35.	21.	5.2	1.3
%RSD	.04595	.10087	.24663	.02136
#1	75426.	20918.	2111.8	5884.5
#2	75377.	20948.	2104.4	5882.8

Zoom In Zoom Out

Sample Name: ja59411-2 Acquired: 11/4/2010 4:36:29 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1784	.0000	-.0002	.0002	.0045	.0525	.4319	.0026	.0001	.0072
Stddev	.0001	.0000	.0000	.0000	.0001	.0001	.0008	.0002	.0000	.0002
%RSD	.0774	118.8	24.76	4.219	1.792	.1275	.1945	6.608	18.85	3.280
#1	.1783	.0000	-.0002	.0002	.0046	.0525	.4313	.0024	.0001	.0073
#2	.1785	.0000	-.0001	.0001	.0045	.0526	.4325	.0027	.0001	.0070

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0522	.0089	-.0012	.0802	.0002	.0015	1.528	132.0	23.93	28.82
Stddev	.0000	.0009	.0005	.0001	.0002	.0002	.003	.8	.07	.10
%RSD	.0349	10.10	38.50	.1599	89.20	13.95	.1727	.5854	.2844	.3333
#1	.0522	.0082	-.0015	.0803	.0004	.0016	1.526	132.6	23.98	28.89
#2	.0522	.0095	-.0009	.0801	.0001	.0013	1.529	131.5	23.89	28.75

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	22.03	174.4	.3647	.0034	-.0025	16.36	.0025	1.195	.0718	-.0048
Stddev	.02	1.7	.0000	.0000	.0008	.01	.0006	.001	.0009	.0003
%RSD	.0691	.9925	.0129	.3828	30.80	.0601	24.69	.1098	1.205	5.689
#1	22.04	173.2	.3648	.0034	-.0019	16.37	.0029	1.194	.0724	-.0046
#2	22.02	175.7	.3647	.0034	-.0030	16.35	.0020	1.196	.0712	-.0050

Elem	Zr3391
Avg	-.0023
Stddev	.0000
%RSD	2.105
#1	-.0023
#2	-.0024

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	72198.	20604.	1973.4	5323.3
Stddev	109.	7.	2.3	7.3
%RSD	.15081	.03249	.11719	.13630
#1	72275.	20608.	1971.8	5318.2
#2	72121.	20599.	1975.1	5328.5

Zoom In Zoom Out

Sample Name: ja59411-3 Acquired: 11/4/2010 4:42:33 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0772	-.0001	-.0001	-.0005	.0024	.0425	.1510	.0033	-.0001	.0026
Stddev	.0001	.0000	.0002	.0002	.0003	.0004	.0001	.0000	.0000	.0000
%RSD	.0811	2.467	221.9	38.90	10.67	.8696	.0464	.8527	69.28	1.420
#1	.0772	-.0001	.0000	-.0007	.0022	.0428	.1509	.0033	.0000	.0026
#2	.0772	-.0001	-.0002	-.0004	.0026	.0422	.1510	.0033	-.0001	.0026

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.2932	.0044	-.0011	.0056	.0008	.0005	.6460	86.28	6.193	6.236
Stddev	.0010	.0002	.0011	.0003	.0001	.0002	.0048	.42	.029	.028
%RSD	.3264	5.539	96.57	5.026	6.698	31.45	.7410	.4836	.4610	.4554
#1	.2939	.0043	-.0003	.0059	.0008	.0004	.6494	85.99	6.172	6.216
#2	.2925	.0046	-.0019	.0054	.0009	.0006	.6426	86.58	6.213	6.256

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	32.18	94.37	.1182	.0064	-.0026	15.73	.0023	1.494	.0186	-.0046
Stddev	.01	.21	.0001	.0001	.0001	.02	.0003	.002	.0004	.0001
%RSD	.0383	.2241	.0764	2.102	5.115	.0967	11.60	.1131	2.292	3.148
#1	32.19	94.52	.1181	.0063	-.0025	15.72	.0024	1.495	.0183	-.0047
#2	32.17	94.22	.1182	.0065	-.0027	15.74	.0021	1.492	.0189	-.0045

Elem	Zr3391
Avg	-.0047
Stddev	.0001
%RSD	2.239
#1	-.0046
#2	-.0048

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73344.	20893.	2028.3	5580.5
Stddev	24.	69.	2.0	4.6
%RSD	.03307	.33021	.09683	.08160
#1	73327.	20942.	2029.7	5583.7
#2	73361.	20844.	2026.9	5577.3

Zoom In Zoom Out

Sample Name: ja59411-4 Acquired: 11/4/2010 4:48:32 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0557	.0007	.0000	.0068	.0170	.0692	.3124	.0158	-.0003	.0259
Stddev	.0000	.0000	.0001	.0002	.0001	.0000	.0007	.0002	.0001	.0001
%RSD	.0272	.7574	429.8	2.296	.6054	.0027	.2151	1.489	36.74	.2235
#1	.0557	.0007	.0001	.0069	.0171	.0692	.3128	.0157	-.0004	.0259
#2	.0557	.0006	-.0001	.0067	.0170	.0692	.3119	.0160	-.0002	.0259

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0366	.0036	-.0001	.0084	.0005	.0006	8.449	18.05	17.04	11.66
Stddev	.0001	.0007	.0013	.0005	.0007	.0001	.021	.01	.01	.09
%RSD	.1820	20.42	920.9	6.555	132.8	14.44	.2510	.0688	.0493	.7437
#1	.0366	.0031	-.0010	.0080	.0000	.0006	8.434	18.06	17.04	11.72
#2	.0366	.0042	.0008	.0088	.0010	.0005	8.464	18.04	17.05	11.60

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.310	254.4	.2534	.0064	-.0014	14.58	.0040	.1004	.2248	-.0058
Stddev	.024	2.3	.0001	.0001	.0001	.03	.0003	.0001	.0027	.0009
%RSD	.3796	.9213	.0403	1.304	5.954	.1880	7.219	.1404	1.218	15.53
#1	6.327	256.1	.2535	.0064	-.0014	14.60	.0042	.1003	.2267	-.0052
#2	6.293	252.7	.2534	.0063	-.0013	14.56	.0038	.1005	.2228	-.0065

Elem	Zr3391
Avg	.0033
Stddev	.0000
%RSD	.2697
#1	.0033
#2	.0033

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73428.	20893.	2056.2	5461.4
Stddev	86.	44.	1.5	2.2
%RSD	.11757	.20822	.07146	.03995
#1	73489.	20924.	2057.2	5463.0
#2	73367.	20862.	2055.2	5459.9

Zoom In Zoom Out

Sample Name: ja59411-5 Acquired: 11/4/2010 4:54:37 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1655	.0000	-.0003	-.0004	.0016	.0003	.7335	.0018	-.0001	.0112
Stddev	.0000	.000	.0001	.0000	.0000	.0004	.0004	.0003	.0000	.0000
%RSD	.0208	183.0	29.10	9.163	.9060	116.8	.0597	15.42	15.37	.0426
#1	.1655	.0000	-.0002	-.0004	.0016	.0006	.7338	.0020	-.0001	.0112
#2	.1655	-.0001	-.0003	-.0004	.0016	.0001	.7332	.0016	-.0001	.0112

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0020	.0041	-.0005	.0009	.0026	.0015	.3096	128.0	3.540	25.71
Stddev	.0001	.0000	.0001	.0007	.0014	.0002	.0135	.1	.002	.01
%RSD	6.005	.0926	25.62	79.17	54.69	14.57	4.346	.0635	.0521	.0503
#1	.0020	.0041	-.0006	.0004	.0016	.0013	.3191	127.9	3.541	25.71
#2	.0021	.0041	-.0004	.0014	.0036	.0016	.3001	128.1	3.538	25.72

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	19.80	165.6	.2528	.0048	-.0036	15.34	.0012	.8094	.0124	-.0054
Stddev	.01	.1	.0004	.0001	.0010	.02	.0007	.0008	.0002	.0003
%RSD	.0567	.0543	.1529	1.954	28.61	.1586	55.64	.0939	1.542	5.805
#1	19.79	165.6	.2531	.0048	-.0028	15.35	.0017	.8099	.0123	-.0051
#2	19.81	165.7	.2525	.0047	-.0043	15.32	.0008	.8088	.0126	-.0056

Elem	Zr3391
Avg	-.0040
Stddev	.0002
%RSD	3.762
#1	-.0039
#2	-.0041

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71909.	20487.	1984.4	5382.6
Stddev	33.	39.	4.8	10.2
%RSD	.04615	.19252	.24359	.18875
#1	71886.	20459.	1981.0	5375.5
#2	71933.	20515.	1987.9	5389.8

Zoom In Zoom Out

Sample Name: ja59411-6 Acquired: 11/4/2010 5:00:43 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1501	-.0001	-.0001	-.0003	.0024	.0525	.4949	.0033	.0001	.0018
Stddev	.0002	.0000	.0000	.0000	.0003	.0000	.0020	.0001	.0001	.0001
%RSD	.1655	45.55	5.461	13.33	12.36	.0390	.3984	3.352	58.23	4.252
#1	.1503	-.0001	-.0001	-.0003	.0026	.0525	.4962	.0032	.0001	.0019
#2	.1499	.0000	-.0001	-.0004	.0022	.0525	.4935	.0034	.0001	.0018

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0135	.0008	-.0012	.0032	.0009	.0002	.4276	66.72	7.446	27.23
Stddev	.0000	.0013	.0009	.0006	.0004	.0000	.0017	.49	.029	.13
%RSD	.0334	150.2	79.19	17.51	38.20	25.75	.4042	.7406	.3934	.4692
#1	.0135	.0017	-.0018	.0036	.0007	.0001	.4288	66.37	7.425	27.14
#2	.0135	-.0001	-.0005	.0028	.0012	.0002	.4263	67.07	7.467	27.32

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.446	54.43	.0560	.0032	-.0015	14.13	.0026	.2615	.0221	-.0060
Stddev	.025	.02	.0002	.0000	.0008	.02	.0003	.0001	.0001	.0003
%RSD	.4583	.0420	.3619	.4155	54.63	.1360	13.19	.0230	.2980	4.412
#1	5.464	54.45	.0559	.0032	-.0021	14.12	.0024	.2615	.0221	-.0059
#2	5.429	54.42	.0562	.0032	-.0009	14.15	.0029	.2615	.0220	-.0062

Elem	Zr3391
Avg	-.0046
Stddev	.0001
%RSD	1.203
#1	-.0045
#2	-.0046

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74330.	20759.	2050.9	5692.2
Stddev	191.	59.	4.0	3.0
%RSD	.25750	.28573	.19715	.05201
#1	74194.	20801.	2053.7	5694.3
#2	74465.	20717.	2048.0	5690.1

Zoom In Zoom Out

Sample Name: ja59411-7 Acquired: 11/4/2010 5:06:42 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0849	.0003	-.0001	.0058	.0735	.0685	.7263	.0166	.0001	.0528
Stddev	.0000	.0001	.0000	.0001	.0004	.0005	.0002	.0006	.0002	.0001
%RSD	.0151	21.26	50.67	2.324	.5017	.7123	.0237	3.478	178.4	.2637
#1	.0849	.0002	-.0001	.0057	.0737	.0681	.7265	.0170	.0003	.0527
#2	.0849	.0003	-.0001	.0059	.0732	.0688	.7262	.0162	.0000	.0529

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0692	.0025	-.0005	.0080	.0007	.0011	6.273	10.69	27.73	11.56
Stddev	.0001	.0005	.0013	.0005	.0005	.0004	.021	.05	.07	.04
%RSD	.0793	20.26	248.5	6.487	76.22	35.67	.3429	.4620	.2521	.3328
#1	.0691	.0028	-.0015	.0076	.0010	.0014	6.258	10.66	27.68	11.59
#2	.0692	.0021	.0004	.0083	.0003	.0009	6.289	10.73	27.78	11.53

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	4.196	120.1	.1513	.0021	.0015	13.90	.0034	.1349	.3678	-.0061
Stddev	.013	.1	.0004	.0001	.0005	.01	.0003	.0002	.0014	.0005
%RSD	.3120	.1204	.2540	6.147	30.57	.0555	9.892	.1205	.3715	7.580
#1	4.205	120.0	.1510	.0022	.0012	13.90	.0032	.1350	.3687	-.0064
#2	4.186	120.2	.1515	.0021	.0018	13.91	.0036	.1348	.3668	-.0058

Elem	Zr3391
Avg	-.0030
Stddev	.0000
%RSD	.8798
#1	-.0030
#2	-.0030

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74803.	20997.	2089.2	5685.2
Stddev	37.	90.	.5	.6
%RSD	.05005	.42824	.02501	.01007
#1	74777.	21061.	2089.5	5685.6
#2	74830.	20933.	2088.8	5684.8

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/4/2010 5:12:44 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.006	2.113	2.016	1.966	1.847	2.174	2.042	2.032	.2435	2.025
Stddev	.001	.005	.000	.001	.005	.002	.001	.002	.0007	.001
%RSD	.0512	.2351	.0064	.0522	.2566	.1052	.0518	.1003	.2792	.0319
#1	2.007	2.116	2.016	1.965	1.843	2.173	2.042	2.030	.2440	2.025
#2	2.005	2.109	2.016	1.967	1.850	2.176	2.041	2.033	.2430	2.026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.918	2.027	1.903	1.932	2.013	2.095	40.13	41.46	41.30	40.64
Stddev	.001	.001	.001	.003	.001	.003	.07	.08	.06	.03
%RSD	.0537	.0562	.0624	.1662	.0456	.1208	.1679	.1928	.1544	.0617
#1	1.917	2.028	1.903	1.930	2.013	2.097	40.18	41.52	41.34	40.66
#2	1.919	2.026	1.904	1.934	2.012	2.094	40.08	41.41	41.25	40.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.56	41.71	2.023	1.985	1.929	5.111	2.079	2.164	2.091	1.977
Stddev	.08	.09	.004	.004	.007	.006	.000	.002	.001	.011
%RSD	.1925	.2100	.1973	.2122	.3857	.1125	.0136	.0815	.0307	.5785
#1	42.61	41.77	2.026	1.982	1.924	5.115	2.079	2.166	2.091	1.969
#2	42.50	41.65	2.020	1.988	1.934	5.107	2.079	2.163	2.090	1.985
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/4/2010 5:12:44 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.018
Stddev	.004
%RSD	.1819
#1	2.015
#2	2.021
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74273.	20820.	2095.8	5595.6
Stddev	94.	50.	.9	2.1
%RSD	.12655	.23958	.04411	.03698
#1	74207.	20784.	2095.1	5597.0
#2	74339.	20855.	2096.5	5594.1

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/4/2010 5:18:34 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	.0006	F.0009	.0007	-.0001	-.0010	.0008	.0006	-.0004
Stddev	.0000	.0001	.0000	.0001	.0002	.0001	.0000	.0001	.0004
%RSD	2.877	11.68	1.250	12.36	292.3	5.564	6.412	9.019	96.02
#1	.0008	.0005	.0009	.0008	-.0003	-.0010	.0007	.0007	-.0006
#2	.0009	.0006	.0009	.0007	.0001	-.0010	.0008	.0006	-.0001
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.0006						
Low Limit			-.0006						

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0007	.0008	.0006	.0008	.0004	.0022	.0155	.0042
Stddev	.0000	.0003	.0004	.0011	.0004	.0008	.0007	.0060	.0010
%RSD	3.720	48.07	56.58	178.4	47.90	175.0	33.26	38.29	24.37
#1	.0010	.0009	.0011	.0015	.0011	.0010	.0027	.0113	.0034
#2	.0010	.0004	.0005	-.0002	.0006	-.0001	.0017	.0198	.0049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0138	-.0032	.0530	.0229	.0004	F.0025	.0012	.0033	.0013
Stddev	.0012	.0099	.0047	.0005	.0002	.0008	.0002	.0009	.0001
%RSD	8.474	309.3	8.789	2.192	36.39	32.03	20.81	27.39	5.228
#1	.0146	-.0102	.0497	.0232	.0005	.0031	.0013	.0040	.0013
#2	.0130	.0038	.0563	.0225	.0003	.0019	.0010	.0027	.0012
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100					.0020			
Low Limit	-.0100					-.0020			

Zoom In / Zoom Out

Sample Name: ccb Acquired: 11/4/2010 5:18:34 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0006	.0010	.0040	.0011
Stddev	.0000	.0001	.0018	.0001
%RSD	.3873	5.083	44.81	10.24
#1	.0006	.0010	.0052	.0012
#2	.0006	.0010	.0027	.0010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76794.	20947.	2177.7	6182.3
Stddev	118.	76.	4.7	18.7
%RSD	.15389	.36353	.21615	.30322
#1	76710.	21001.	2174.4	6169.0
#2	76877.	20893.	2181.1	6195.5

Zoom In Zoom Out

Sample Name: ja59401-1conf Acquired: 11/4/2010 5:24:38 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0011	-.0001	.0012	-.0008	.0048	.0017	.0018	.0009	-.0005	.0012
Stddev	.0000	.0000	.0001	.0001	.0002	.0001	.0000	.0002	.0002	.0001
%RSD	.5080	65.37	7.522	16.55	3.749	8.612	1.372	21.57	44.50	10.39
#1	.0011	.0000	.0013	-.0007	.0049	.0018	.0018	.0008	-.0004	.0013
#2	.0011	-.0001	.0011	-.0008	.0047	.0016	.0018	.0010	-.0007	.0012

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0151	.0003	-.0017	.0002	.0040	.0014	.3212	51.43	.4068	54.65
Stddev	.0002	.0003	.0009	.0004	.0002	.0003	.0017	.13	.0026	.13
%RSD	1.040	85.91	51.68	145.1	4.820	17.53	.5413	.2585	.6486	.2405
#1	.0149	.0005	-.0011	.0005	.0038	.0016	.3200	51.34	.4049	54.55
#2	.0152	.0001	-.0023	.0000	.0041	.0013	.3224	51.53	.4086	54.74

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.3057	1.794	.0536	.0026	-.0016	.5272	-.0005	.0414	.0013	.0006
Stddev	.0208	.008	.0000	.0000	.0006	.0011	.0004	.0002	.0000	.0001
%RSD	6.818	.4417	.0252	.3793	36.69	.2017	69.63	.4205	.5939	8.379
#1	.2909	1.789	.0536	.0026	-.0012	.5265	-.0003	.0412	.0013	.0007
#2	.3204	1.800	.0536	.0027	-.0020	.5280	-.0008	.0415	.0013	.0006

Elem	Zr3391
Avg	.0040
Stddev	.0001
%RSD	2.738
#1	.0040
#2	.0039

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74440.	20749.	2069.4	5798.4
Stddev	44.	17.	3.9	7.4
%RSD	.05859	.08173	.19008	.12749
#1	74410.	20761.	2066.6	5793.2
#2	74471.	20737.	2072.1	5803.7

Zoom In Zoom Out

Sample Name: ja59411-8 Acquired: 11/4/2010 5:30:40 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0094	-.0001	.0000	-.0001	.0031	.0477	.0335	.0023	-.0003	.0031
Stddev	.0000	.0000	.000	.0000	.0002	.0001	.0002	.0000	.0003	.0001
%RSD	.0531	19.87	143.2	2.191	5.969	.1214	.6047	.7485	93.48	3.293
#1	.0094	-.0001	-.0001	-.0001	.0030	.0477	.0336	.0023	-.0001	.0032
#2	.0094	-.0001	.0000	-.0001	.0032	.0476	.0334	.0023	-.0006	.0031

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0526	.0004	-.0002	.0024	.0003	.0013	.5875	11.19	.9922	1.818
Stddev	.0001	.0005	.0004	.0002	.0002	.0001	.0057	.06	.0032	.009
%RSD	.1479	140.4	221.3	9.489	80.28	6.048	.9762	.5413	.3266	.5196
#1	.0526	.0000	-.0004	.0022	.0004	.0014	.5916	11.24	.9945	1.824
#2	.0525	.0007	.0001	.0026	.0001	.0013	.5835	11.15	.9899	1.811

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	4.351	30.95	.0400	.0012	-.0005	1.593	.0034	.1156	.0080	-.0030
Stddev	.017	.07	.0004	.0000	.0002	.002	.0001	.0003	.0001	.0005
%RSD	.3863	.2204	1.027	2.589	34.45	.1387	3.509	.2901	.8750	17.05
#1	4.339	30.90	.0397	.0013	-.0006	1.594	.0034	.1158	.0080	-.0026
#2	4.363	31.00	.0403	.0012	-.0003	1.591	.0033	.1154	.0079	-.0033

Elem	Zr3391
Avg	.0010
Stddev	.0000
%RSD	1.016
#1	.0010
#2	.0010

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75994.	20910.	2130.0	5985.3
Stddev	144.	58.	3.0	9.7
%RSD	.19012	.27918	.13986	.16281
#1	75892.	20869.	2132.2	5992.2
#2	76096.	20951.	2127.9	5978.4

Zoom In Zoom Out

Sample Name: ja59411-9 Acquired: 11/4/2010 5:36:40 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1659	.0000	-.0003	-.0001	.0013	.0026	.6328	.0027	.0000	.0022
Stddev	.0004	.000	.0002	.0002	.0001	.0000	.0002	.0000	.0001	.0001
%RSD	.2138	17.66	59.28	137.3	9.115	.8430	.0360	1.822	1210.	3.818
#1	.1656	.0000	-.0001	-.0003	.0012	.0025	.6327	.0026	.0001	.0021
#2	.1661	.0000	-.0004	.0000	.0013	.0026	.6330	.0027	-.0001	.0022

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0156	.0017	-.0003	.0062	.0019	.0000	.3123	161.3	1.220	51.48
Stddev	.0002	.0014	.0006	.0011	.0004	.000	.0064	.3	.004	.10
%RSD	1.113	78.85	189.4	18.24	20.48	302.7	2.057	.1790	.3325	.1885
#1	.0155	.0027	-.0008	.0054	.0016	-.0001	.3169	161.1	1.218	51.41
#2	.0157	.0008	.0001	.0070	.0021	.0000	.3078	161.5	1.223	51.55

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	15.39	229.8	.2841	.0035	-.0063	13.34	.0019	.9479	.0121	-.0026
Stddev	.07	.5	.0001	.0000	.0006	.01	.0002	.0034	.0001	.0012
%RSD	.4710	.2110	.0467	.4660	9.293	.0560	12.80	.3635	.5665	44.81
#1	15.33	229.5	.2842	.0036	-.0068	13.33	.0017	.9454	.0120	-.0035
#2	15.44	230.1	.2840	.0035	-.0059	13.34	.0021	.9503	.0121	-.0018

Elem	Zr3391
Avg	.0012
Stddev	.0001
%RSD	5.478
#1	.0013
#2	.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	71145.	20116.	1946.9	5215.5
Stddev	64.	14.	.8	3.2
%RSD	.08940	.06927	.04223	.06195
#1	71190.	20126.	1946.3	5213.2
#2	71100.	20106.	1947.4	5217.8

Zoom In Zoom Out

Sample Name: ja59411-10 Acquired: 11/4/2010 5:42:45 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1652	.0000	-.0002	-.0002	.0019	.0032	.6329	.0030	-.0002	.0025
Stddev	.0002	.000	.0001	.0001	.0004	.0000	.0014	.0001	.0001	.0001
%RSD	.1475	123.2	48.88	52.61	19.47	.4159	.2175	3.263	77.31	2.806
#1	.1650	.0000	-.0001	-.0003	.0017	.0031	.6319	.0031	-.0001	.0024
#2	.1654	.0000	-.0003	-.0001	.0022	.0032	.6338	.0029	-.0003	.0025

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0207	.0023	-.0011	.0076	-.0005	.0005	.3746	159.8	1.363	51.06
Stddev	.0001	.0000	.0000	.0005	.0000	.0013	.0070	.6	.003	.20
%RSD	.5258	.1252	.0571	7.049	6.511	254.2	1.874	.3774	.2315	.3832
#1	.0206	.0023	-.0011	.0080	-.0005	.0015	.3796	159.4	1.361	50.93
#2	.0208	.0022	-.0011	.0072	-.0006	-.0004	.3697	160.2	1.365	51.20

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	15.22	224.4	.2818	.0034	-.0057	13.24	.0023	.9387	.0145	-.0029
Stddev	.07	1.3	.0005	.0001	.0002	.00	.0004	.0013	.0003	.0002
%RSD	.4609	.5847	.1767	3.112	3.307	.0031	16.82	.1345	2.092	7.656
#1	15.17	225.4	.2822	.0035	-.0058	13.24	.0020	.9378	.0147	-.0030
#2	15.27	223.5	.2814	.0034	-.0055	13.24	.0026	.9396	.0143	-.0027

Elem	Zr3391
Avg	-.0006
Stddev	.0000
%RSD	7.293
#1	-.0006
#2	-.0006

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	70854.	20169.	1944.1	5213.3
Stddev	56.	79.	4.2	11.0
%RSD	.07840	.38950	.21357	.21079
#1	70815.	20225.	1947.0	5221.1
#2	70893.	20114.	1941.2	5205.5

Zoom In Zoom Out

Sample Name: ja59411-12 Acquired: 11/4/2010 5:48:50 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0004	-.0001	.0000	-.0003	-.0002	-.0016	.0002	-.0001	-.0002	.0003
Stddev	.0001	.0000	.000	.0001	.0001	.0001	.0000	.0000	.0005	.0000
%RSD	25.01	1.006	150.3	22.44	69.97	9.227	5.935	59.56	266.2	3.293
#1	.0005	-.0001	-.0001	-.0002	-.0001	-.0017	.0002	-.0001	.0002	.0003
#2	.0003	-.0001	.0000	-.0003	-.0003	-.0015	.0002	.0000	-.0005	.0003

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0000	.0001	-.0022	.0002	-.0004	.0003	.0025	.0409	.0077	.0070
Stddev	.0001	.0009	.0001	.0001	.0005	.0004	.0049	.0029	.0002	.0332
%RSD	1652.	873.8	6.753	53.05	140.8	129.3	193.8	7.138	2.500	474.3
#1	.0001	-.0005	-.0021	.0003	-.0008	.0000	.0060	.0430	.0076	.0305
#2	-.0001	.0008	-.0023	.0001	.0000	.0005	-.0009	.0388	.0079	-.0165

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	.0552	.2365	-.0004	-.0018	-.0001	.0385	.0031	.0000	.0001	-.0048
Stddev	.0118	.0080	.0001	.0001	.0000	.0007	.0004	.0000	.0001	.0001
%RSD	21.37	3.397	14.30	4.289	19.88	1.942	13.47	627.8	205.3	3.063
#1	.0469	.2422	-.0005	-.0018	-.0001	.0380	.0033	.0000	.0001	-.0049
#2	.0636	.2309	-.0004	-.0019	-.0001	.0390	.0028	.0000	.0000	-.0047

Elem	Zr3391
Avg	-.0002
Stddev	.0002
%RSD	121.4
#1	-.0003
#2	.0000

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76697.	20964.	2142.5	6128.6
Stddev	299.	53.	6.4	13.1
%RSD	.39014	.25496	.29906	.21427
#1	76486.	21002.	2138.0	6119.3
#2	76909.	20926.	2147.1	6137.9

Zoom In Zoom Out

Sample Name: ja59475-1 Acquired: 11/4/2010 5:54:53 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0773	-.0001	.0028	-.0007	.0006	.0006	.3827	.0105	-.0001	.0008
Stddev	.0002	.0000	.0001	.0001	.0003	.0002	.0007	.0002	.0001	.0003
%RSD	.2123	31.78	3.125	9.408	42.42	44.11	.1721	1.873	217.9	34.85
#1	.0774	-.0001	.0028	-.0007	.0004	.0007	.3822	.0103	.0000	.0010
#2	.0772	-.0001	.0029	-.0006	.0008	.0004	.3832	.0106	-.0001	.0006

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0202	.0040	-.0006	.0073	.0005	.0009	.0661	35.00	10.92	4.514
Stddev	.0000	.0000	.0000	.0000	.0001	.0001	.0033	.05	.00	.019
%RSD	.0075	.8927	6.968	.6653	10.57	8.320	5.064	.1390	.0234	.4176
#1	.0202	.0041	-.0006	.0073	.0004	.0008	.0685	35.03	10.92	4.528
#2	.0202	.0040	-.0005	.0073	.0005	.0009	.0638	34.96	10.93	4.501

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	4.608	16.35	.0449	.0016	.0004	4.342	.0026	.2618	.0035	-.0051
Stddev	.036	.03	.0000	.0000	.0003	.010	.0001	.0001	.0000	.0008
%RSD	.7854	.2068	.0465	.5982	78.59	.2221	2.392	.0507	.2405	15.09
#1	4.634	16.37	.0449	.0016	.0006	4.335	.0026	.2619	.0035	-.0057
#2	4.583	16.33	.0448	.0016	.0002	4.349	.0025	.2617	.0035	-.0046

Elem	Zr3391
Avg	-.0005
Stddev	.0000
%RSD	7.618
#1	-.0005
#2	-.0005

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75490.	20917.	2097.5	5906.6
Stddev	282.	48.	6.7	12.9
%RSD	.37298	.22844	.31766	.21916
#1	75291.	20884.	2102.2	5915.7
#2	75689.	20951.	2092.8	5897.4

Zoom In Zoom Out

Sample Name: ja59475-2 Acquired: 11/4/2010 6:00:53 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1537	.0000	.0022	-.0011	.0003	.0018	3.075	.0121	-.0004	.0001
Stddev	.0000	.0000	.0001	.0000	.0004	.0002	.004	.0001	.0004	.0001
%RSD	.0161	11.75	5.908	1.505	143.1	10.96	.1374	1.101	86.49	52.06
#1	.1537	.0000	.0023	-.0011	.0005	.0019	3.072	.0121	-.0002	.0002
#2	.1537	.0000	.0021	-.0011	.0000	.0016	3.078	.0122	-.0007	.0001

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0071	.0011	-.0016	.0019	.0000	.0001	.0637	37.98	22.37	4.326
Stddev	.0000	.0006	.0001	.0004	.0002	.0002	.0007	.04	.05	.018
%RSD	.1879	56.29	9.029	20.51	766.4	246.7	1.160	.1074	.2018	.4279
#1	.0071	.0015	-.0017	.0022	.0001	.0002	.0642	38.01	22.34	4.339
#2	.0071	.0006	-.0015	.0016	-.0001	-.0001	.0632	37.95	22.40	4.312

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	6.838	122.2	.1353	.0019	.0001	7.464	.0002	.3275	.0042	-.0049
Stddev	.037	.4	.0003	.0001	.0006	.014	.0000	.0002	.0002	.0001
%RSD	.5431	.3334	.2032	5.295	783.3	.1935	13.45	.0685	3.628	1.550
#1	6.864	122.5	.1351	.0018	-.0004	7.454	.0003	.3277	.0043	-.0050
#2	6.812	121.9	.1355	.0019	.0005	7.474	.0002	.3274	.0041	-.0049

Elem	Zr3391
Avg	-.0011
Stddev	.0001
%RSD	6.087
#1	-.0011
#2	-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73927.	20681.	2053.0	5639.3
Stddev	72.	82.	7.3	13.1
%RSD	.09744	.39636	.35585	.23255
#1	73977.	20623.	2058.2	5648.5
#2	73876.	20739.	2047.9	5630.0

Zoom In Zoom Out

Sample Name: ja59475-3 Acquired: 11/4/2010 6:06:53 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0769	.0000	.0018	-.0003	.0010	.0340	.8401	.0225	-.0001	.0012
Stddev	.0002	.000	.0001	.0000	.0003	.0001	.0017	.0002	.0001	.0002
%RSD	.2051	601.8	7.827	7.249	25.11	.3974	.2041	.7851	149.4	18.75
#1	.0768	.0000	.0017	-.0003	.0009	.0341	.8413	.0227	.0000	.0010
#2	.0771	.0000	.0019	-.0003	.0012	.0339	.8389	.0224	-.0002	.0013

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0126	.0108	-.0016	.0018	.0006	.0009	.2630	17.84	14.63	2.115
Stddev	.0002	.0012	.0000	.0012	.0004	.0005	.0000	.08	.03	.009
%RSD	1.522	10.67	.2427	65.81	74.36	53.85	.0004	.4215	.2085	.4124
#1	.0124	.0117	-.0016	.0010	.0009	.0006	.2630	17.89	14.65	2.121
#2	.0127	.0100	-.0016	.0027	.0003	.0013	.2630	17.79	14.61	2.109

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	4.150	121.9	.1057	.0019	.0000	7.205	.0015	.1827	.0147	-.0059
Stddev	.015	.3	.0001	.0000	.000	.015	.0003	.0002	.0002	.0007
%RSD	.3629	.2445	.0581	.7890	1428.	.2061	23.06	.1367	1.414	12.21
#1	4.160	122.1	.1057	.0019	-.0003	7.195	.0017	.1825	.0145	-.0064
#2	4.139	121.7	.1056	.0020	.0002	7.216	.0012	.1829	.0148	-.0054

Elem	Zr3391
Avg	-.0017
Stddev	.0001
%RSD	3.166
#1	-.0017
#2	-.0016

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74593.	20841.	2073.1	5711.4
Stddev	54.	35.	2.8	10.8
%RSD	.07280	.16976	.13493	.18858
#1	74554.	20816.	2075.1	5719.0
#2	74631.	20866.	2071.1	5703.8

Zoom In Zoom Out

Sample Name: ja59475-4 Acquired: 11/4/2010 6:12:57 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.2144	.0003	.0004	.0034	.0135	.0522	.2820	.0170	.0002	.0161
Stddev	.0003	.0000	.0001	.0001	.0001	.0003	.0008	.0000	.0002	.0002
%RSD	.1595	2.204	14.86	2.671	.8146	.5102	.2934	.2010	75.83	1.132
#1	.2142	.0003	.0004	.0035	.0136	.0524	.2825	.0170	.0001	.0162
#2	.2147	.0003	.0004	.0033	.0135	.0520	.2814	.0169	.0003	.0160

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.1337	.0037	-.0006	.1022	.0011	.0001	8.415	155.9	11.42	13.15
Stddev	.0002	.0006	.0003	.0001	.0003	.0006	.009	.5	.02	.08
%RSD	.1265	15.95	51.75	.0921	28.72	503.6	.1069	.2985	.1800	.5887
#1	.1336	.0041	-.0008	.1023	.0013	-.0003	8.409	156.2	11.43	13.20
#2	.1338	.0033	-.0004	.1021	.0009	.0005	8.421	155.5	11.40	13.09

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	10.40	43.48	.1805	.0012	-.0032	17.43	.0055	1.013	.2767	-.0052
Stddev	.00	.04	.0005	.0000	.0009	.05	.0002	.000	.0009	.0003
%RSD	.0450	.0898	.2731	2.084	28.70	.2590	2.723	.0029	.3251	5.388
#1	10.40	43.45	.1801	.0012	-.0025	17.40	.0054	1.013	.2774	-.0050
#2	10.39	43.51	.1808	.0012	-.0038	17.46	.0056	1.013	.2761	-.0054

Elem	Zr3391
Avg	-.0037
Stddev	.0001
%RSD	2.659
#1	-.0036
#2	-.0038

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73934.	20765.	2047.1	5553.1
Stddev	61.	37.	7.8	4.4
%RSD	.08200	.17718	.38309	.07978
#1	73892.	20739.	2052.6	5556.2
#2	73977.	20791.	2041.5	5550.0

Zoom In Zoom Out

Sample Name: ja59475-5 Acquired: 11/4/2010 6:18:54 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0326	.0000	.0009	-.0001	.0034	.1399	.0425	.0067	-.0002	.0026
Stddev	.0002	.000	.0002	.0001	.0000	.0001	.0000	.0000	.0001	.0001
%RSD	.4824	24.57	19.98	70.37	1.034	.0426	.0989	.6644	29.24	2.515
#1	.0327	-.0001	.0008	.0000	.0034	.1398	.0425	.0067	-.0001	.0026
#2	.0325	.0000	.0010	-.0001	.0033	.1399	.0425	.0066	-.0002	.0025

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.1373	.0008	-.0015	.0144	.0004	.0013	1.107	12.41	2.140	9.359
Stddev	.0004	.0004	.0002	.0000	.0005	.0001	.005	.07	.003	.063
%RSD	.2852	48.21	13.81	.2389	116.0	7.127	.4655	.5970	.1568	.6740
#1	.1371	.0010	-.0013	.0144	.0008	.0014	1.103	12.47	2.142	9.403
#2	.1376	.0005	-.0016	.0144	.0001	.0012	1.110	12.36	2.137	9.314

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	8.335	116.3	.0649	.0016	-.0007	2.035	.0054	.1059	.0330	-.0066
Stddev	.010	.3	.0002	.0001	.0001	.001	.0001	.0001	.0000	.0004
%RSD	.1243	.2642	.2627	3.192	20.63	.0531	2.241	.0939	.0532	5.999
#1	8.342	116.1	.0648	.0017	-.0006	2.034	.0055	.1059	.0330	-.0069
#2	8.327	116.5	.0650	.0016	-.0008	2.036	.0054	.1060	.0330	-.0064

Elem	Zr3391
Avg	.0032
Stddev	.0000
%RSD	1.154
#1	.0032
#2	.0032

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74306.	20896.	2071.4	5718.0
Stddev	34.	108.	3.4	7.8
%RSD	.04637	.51646	.16253	.13723
#1	74331.	20820.	2073.7	5723.6
#2	74282.	20973.	2069.0	5712.5

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/4/2010 6:24:54 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.026	2.125	2.042	1.995	1.867	2.178	2.080	2.062	.2472	2.058
Stddev	.000	.008	.002	.002	.012	.006	.005	.002	.0003	.005
%RSD	.0009	.3675	.0981	.1178	.6181	.2921	.2401	.0901	.1297	.2267
#1	2.026	2.120	2.040	1.994	1.859	2.182	2.076	2.064	.2474	2.054
#2	2.026	2.131	2.043	1.997	1.875	2.173	2.083	2.061	.2470	2.061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.947	2.050	1.925	1.959	2.035	2.119	40.32	41.96	41.79	41.18
Stddev	.004	.003	.003	.002	.000	.002	.16	.21	.08	.14
%RSD	.2144	.1365	.1409	.0762	.0167	.0781	.3950	.4934	.1871	.3355
#1	1.944	2.048	1.923	1.958	2.035	2.118	40.21	41.81	41.73	41.08
#2	1.950	2.052	1.927	1.960	2.036	2.120	40.43	42.10	41.84	41.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.84	42.24	2.045	2.013	1.944	5.139	2.107	2.188	2.110	2.012
Stddev	.16	.06	.003	.006	.002	.005	.001	.003	.003	.011
%RSD	.3621	.1364	.1499	.2986	.1052	.0985	.0334	.1329	.1422	.5594
#1	42.73	42.20	2.043	2.009	1.945	5.135	2.107	2.190	2.108	2.004
#2	42.95	42.28	2.047	2.018	1.942	5.142	2.108	2.186	2.112	2.020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Zoom In Zoom Out

Sample Name: ccv Acquired: 11/4/2010 6:24:54 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.052
Stddev	.002
%RSD	.1178
#1	2.051
#2	2.054
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74435.	20703.	2099.2	5596.0
Stddev	45.	101.	.7	4.6
%RSD	.05993	.48904	.03127	.08137
#1	74466.	20774.	2099.6	5592.8
#2	74403.	20631.	2098.7	5599.3

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/4/2010 6:30:42 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0003	.0000	-.0001	.0003	-.0012	.0006	-.0002	-.0002
Stddev	.0002	.0002	.0003	.0001	.0002	.0001	.0001	.0001	.0001
%RSD	37.05	63.91	709.3	159.9	50.78	7.466	17.16	31.70	46.68
#1	.0004	.0002	.0002	.0000	.0004	-.0011	.0007	-.0002	-.0003
#2	.0007	.0004	-.0002	-.0001	.0002	-.0012	.0005	-.0003	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0004	-.0001	F.0027	.0001	-.0009	.0004	.0070	-.0089
Stddev	.0000	.0002	.0005	.0003	.0001	.0005	.0005	.0050	.0043
%RSD	3.314	52.14	601.8	9.372	149.4	57.27	114.4	71.02	48.76
#1	.0007	.0005	-.0005	.0025	.0001	-.0013	.0007	.0035	-.0120
#2	.0007	.0002	.0003	.0029	.0000	-.0006	.0001	.0106	-.0058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0020					
Low Limit				-.0020					

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088	.0094	.0662	.0095	-.0005	.0015	.0008	.0016	.0004
Stddev	.0030	.0006	.0096	.0078	.0006	.0009	.0004	.0011	.0001
%RSD	33.51	6.424	14.45	82.92	108.5	61.88	45.47	67.38	16.05
#1	.0067	.0098	.0730	.0039	-.0001	.0021	.0011	.0024	.0005
#2	.0109	.0090	.0595	.0150	-.0009	.0008	.0006	.0009	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 11/4/2010 6:30:42 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	.0002	.0008	.0032	.0009
Stddev	.0002	.0000	.0011	.0000
%RSD	84.52	3.742	35.21	1.404
#1	.0001	.0008	.0040	.0009
#2	.0004	.0008	.0024	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76804.	20876.	2168.8	6157.2
Stddev	182.	32.	.2	1.9
%RSD	.23731	.15136	.00887	.03128
#1	76675.	20899.	2168.7	6158.6
#2	76933.	20854.	2169.0	6155.9

Zoom In Zoom Out

Sample Name: ja59475-6 Acquired: 11/4/2010 6:36:47 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1060	.0000	.0009	.0038	.0024	.0515	.2901	.0480	-.0001	.0016
Stddev	.0002	.000	.0000	.0001	.0009	.0003	.0004	.0001	.0001	.0001
%RSD	.2114	26.69	3.955	2.244	35.46	.6634	.1299	.1913	68.68	3.525
#1	.1061	-.0001	.0009	.0038	.0018	.0513	.2904	.0479	-.0002	.0016
#2	.1058	.0000	.0009	.0037	.0031	.0518	.2899	.0480	-.0001	.0016

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0266	.0007	.0006	.0128	.0026	.0007	.5590	63.37	1.646	6.433
Stddev	.0000	.0008	.0001	.0003	.0000	.0002	.0109	.34	.006	.018
%RSD	.1202	116.9	19.32	2.444	1.620	22.13	1.944	.5395	.3811	.2881
#1	.0265	.0001	.0007	.0130	.0027	.0006	.5666	63.13	1.642	6.420
#2	.0266	.0012	.0005	.0126	.0026	.0008	.5513	63.61	1.651	6.446

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	9.598	132.6	.1672	.0033	-.0024	5.992	.0021	.8214	.0224	.0013
Stddev	.024	.9	.0004	.0000	.0005	.010	.0001	.0014	.0002	.0001
%RSD	.2488	.7108	.2299	.0425	18.79	.1659	7.235	.1678	1.008	9.604
#1	9.615	133.3	.1675	.0033	-.0028	5.999	.0022	.8223	.0223	.0012
#2	9.581	132.0	.1669	.0033	-.0021	5.985	.0019	.8204	.0226	.0014

Elem	Zr3391
Avg	.0005
Stddev	.0001
%RSD	22.67
#1	.0006
#2	.0004

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	73531.	20650.	2041.4	5559.5
Stddev	140.	54.	5.7	7.9
%RSD	.19006	.26249	.27837	.14261
#1	73630.	20689.	2037.4	5553.9
#2	73432.	20612.	2045.4	5565.1

Zoom In Zoom Out

Sample Name: ja59475-7 Acquired: 11/4/2010 6:42:53 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.1721	.0001	.0042	.0040	.0019	.0287	2.381	.0230	-.0005	.0013
Stddev	.0000	.0000	.0000	.0002	.0001	.0003	.001	.0001	.0002	.0000
%RSD	.0179	95.99	.0567	6.284	5.315	1.159	.0272	.4539	33.45	2.289
#1	.1721	.0000	.0042	.0038	.0019	.0289	2.381	.0229	-.0004	.0012
#2	.1722	.0001	.0042	.0042	.0020	.0284	2.382	.0230	-.0007	.0013

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0386	.0075	-.0002	.0034	-.0001	.0000	.3366	63.59	25.15	6.947
Stddev	.0001	.0003	.0004	.0014	.0002	.000	.0030	.21	.04	.034
%RSD	.2428	3.850	176.0	41.42	350.9	911.3	.8998	.3272	.1518	.4951
#1	.0386	.0073	.0001	.0024	.0001	.0002	.3387	63.44	25.12	6.923
#2	.0385	.0078	-.0005	.0044	-.0002	-.0002	.3344	63.74	25.17	6.972

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	8.200	90.72	.0888	.0025	-.0004	7.390	.0005	.4199	.0203	-.0027
Stddev	.008	.49	.0003	.0002	.0008	.006	.0003	.0006	.0014	.0010
%RSD	.0931	.5391	-.2993	6.821	208.3	.0821	57.65	.1313	7.037	37.56
#1	8.206	91.06	.0886	.0026	.0002	7.386	.0008	.4203	.0213	-.0020
#2	8.195	90.37	.0890	.0024	-.0010	7.394	.0003	.4195	.0193	-.0034

Elem	Zr3391
Avg	-.0004
Stddev	.0002
%RSD	40.44
#1	-.0003
#2	-.0006

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	74035.	20740.	2038.8	5602.1
Stddev	52.	6.	.9	5.8
%RSD	.07024	.03098	.04623	.10357
#1	73998.	20735.	2039.4	5598.0
#2	74072.	20744.	2038.1	5606.2

Zoom In / Zoom Out

Sample Name: ja59475-8 Acquired: 11/4/2010 6:48:54 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Avg	.0902	.0000	.0038	.0015	.0041	.0311	.2650	.0339	-.0002	.0054
Stddev	.0001	.0000	.0001	.0001	.0004	.0004	.0002	.0003	.0003	.0003
%RSD	.0610	78.77	3.360	3.449	8.828	1.236	.0791	.9677	137.9	5.465
#1	.0903	.0000	.0037	.0015	.0044	.0308	.2649	.0341	.0000	.0052
#2	.0902	.0000	.0039	.0015	.0039	.0314	.2651	.0337	-.0004	.0056

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Avg	.0198	.0057	-.0003	.0037	.0003	.0009	1.877	24.63	6.786	4.651
Stddev	.0000	.0006	.0002	.0002	.0010	.0004	.001	.09	.005	.017
%RSD	.0752	10.89	72.37	6.170	379.9	41.88	.0304	.3473	.0817	.3634
#1	.0198	.0062	-.0005	.0039	-.0004	.0007	1.877	24.57	6.782	4.663
#2	.0198	.0053	-.0002	.0035	.0009	.0012	1.878	24.69	6.790	4.639

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Avg	5.075	34.86	.0481	.0013	-.0006	10.58	.0018	.1373	.0976	-.0027
Stddev	.004	.08	.0001	.0000	.0004	.05	.0007	.0001	.0005	.0002
%RSD	.0809	.2352	.2592	2.139	66.44	.4984	40.30	.0580	.4833	8.831
#1	5.072	34.80	.0480	.0013	-.0009	10.62	.0013	.1373	.0980	-.0029
#2	5.078	34.92	.0482	.0013	-.0003	10.54	.0023	.1372	.0973	-.0026

Elem	Zr3391
Avg	-.0012
Stddev	.0003
%RSD	25.71
#1	-.0010
#2	-.0014

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	75549.	20890.	2103.5	5890.9
Stddev	121.	30.	5.1	5.3
%RSD	.16005	.14399	.24052	.08992
#1	75635.	20912.	2099.9	5887.1
#2	75464.	20869.	2107.0	5894.6

Zoom In / Zoom Out

Sample Name: icsa Acquired: 11/4/2010 6:54:53 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0051	.0000	-.0012	-.0006	.0006	.0147	-.0058	-.0127	-.0027	.0055
Stddev	.0000	.0000	.0000	.0000	.0001	.0000	.0001	.0006	.0001	.0000
%RSD	.3962	25.95	.3252	1.034	22.74	.0805	.8820	5.017	4.667	.1701
#1	-.0051	.0000	-.0012	-.0006	.0005	.0148	-.0058	-.0132	-.0026	.0055
#2	-.0051	.0000	-.0012	-.0006	.0007	.0147	-.0058	-.0123	-.0028	.0055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0037	-.0020	.0027	.0045	-.0030	.0001	487.8	377.3	189.2	518.3
Stddev	.0002	.0011	.0023	.0019	.0006	.0005	3.3	1.7	.4	1.6
%RSD	6.675	58.34	87.18	42.79	19.66	563.6	.6774	.4626	.2323	.3170
#1	-.0035	-.0012	.0043	.0032	-.0026	-.0002	485.5	376.1	188.9	517.1
#2	-.0038	-.0028	.0010	.0059	-.0034	.0004	490.2	378.5	189.6	519.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0817	.0569	.0825	.0009	.0029	-.0422	-.0046	-.0040	.0046	.0064
Stddev	.0261	.0020	.0013	.0008	.0004	.0008	.0001	.0001	.0004	.0001
%RSD	31.98	3.461	1.551	92.28	13.08	1.818	3.192	1.692	7.787	1.230
#1	.0632	.0556	.0834	.0015	.0032	-.0417	-.0045	-.0039	.0048	.0063
#2	.1001	.0583	.0816	.0003	.0027	-.0428	-.0047	-.0040	.0043	.0064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Zoom In / Zoom Out

Sample Name: icsa Acquired: 11/4/2010 6:54:53 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	.0011
Stddev	.0000
%RSD	.6225
#1	.0011
#2	.0011
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	67957.	20018.	1904.5	4720.0
Stddev	88.	28.	1.3	4.6
%RSD	.12891	.13912	.06898	.09701
#1	68019.	20038.	1903.5	4716.8
#2	67895.	19999.	1905.4	4723.3

Zoom In / Zoom Out

Sample Name: ICSAB Acquired: 11/4/2010 7:01:01 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5070	.5102	1.051	.4528	.4448	.5675	.4933	1.015	1.088
Stddev	.0007	.0003	.001	.0007	.0017	.0042	.0026	.000	.000
%RSD	.1345	.0635	.0430	.1488	.3892	.7379	.5237	.0406	.0127
#1	.5065	.5100	1.051	.4523	.4460	.5645	.4951	1.015	1.088
#2	.5074	.5104	1.050	.4533	.4435	.5704	.4914	1.014	1.088
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4734	.8671	1.043	.9043	.9673	.9966	1.092	502.4	385.8
Stddev	.0006	.0020	.003	.0014	.0009	.0019	.001	5.9	1.4
%RSD	.1227	.2268	.2975	.1532	.0952	.1916	.0612	1.168	.3670
#1	.4738	.8657	1.041	.9033	.9679	.9952	1.091	498.3	386.8
#2	.4730	.8685	1.045	.9053	.9666	.9979	1.092	506.6	384.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	193.1	522.6	.0729	.0757	.0846	.4884	.5859	-.0394	-.0053
Stddev	.0	.2	.0018	.0002	.0018	.0011	.0032	.0014	.0004
%RSD	.0109	.0423	2.411	.3018	2.166	.2182	.5455	3.621	7.209
#1	193.0	522.8	.0717	.0755	.0859	.4877	.5836	-.0384	-.0056
#2	193.1	522.5	.0742	.0758	.0833	.4892	.5882	-.0404	-.0050
Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Inst QC: MA25292

Zoom In / Zoom Out

Sample Name: ICSAB Acquired: 11/4/2010 7:01:01 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	-.0043	.0047	.5357	F.3432
Stddev	.0000	.0000	.0017	.0073
%RSD	.8880	.8135	.3141	2.119
#1	-.0043	.0047	.5345	.3380
#2	-.0043	.0047	.5369	.3483
Check ?	None	None	Chk Pass	Chk Fail
Value				.5000
Range				-20.00%

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	67923.	19908.	1904.5	4700.3
Stddev	184.	20.	2.1	3.3
%RSD	.27070	.09872	.10784	.07029
#1	68053.	19894.	1906.0	4698.0
#2	67793.	19922.	1903.1	4702.7

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Zoom In / Zoom Out

Sample Name: rinseconf Acquired: 11/4/2010 7:07:02 Type: Unk
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316
Avg	.0004	.0001	.0002	.0002	.0001	F-.0016	.0002	.0000
Stddev	.0001	.0000	.0001	.0000	.0002	.0001	.0000	.000
%RSD	18.29	8.520	48.42	17.26	151.8	3.641	4.277	77.72
#1	.0004	.0001	.0001	.0002	.0002	-.0016	.0002	.0000
#2	.0003	.0001	.0002	.0001	.0000	-.0017	.0002	-.0001

Elem	Ag3280	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068
Avg	.0001	.0001	.0009	.0003	.0006	.0001	-.0012	.0010
Stddev	.0001	.0001	.0000	.0006	.0005	.0001	.0002	.0000
%RSD	77.37	41.64	1.198	197.3	82.22	81.68	18.93	1.786
#1	.0000	.0002	.0009	-.0001	.0002	.0002	-.0011	.0010
#2	.0001	.0001	.0009	.0007	.0009	.0001	-.0014	.0009

Elem	Al3961	Ca3179	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020
Avg	F.1524	.1360	F.0693	.1586	.0315	-.0058	-.0009	-.0008
Stddev	.0110	.0099	.0052	.0127	.0031	.0028	.0001	.0002
%RSD	7.210	7.252	7.462	8.018	9.779	47.82	10.48	26.15
#1	.1446	.1290	.0657	.1496	.0337	-.0038	-.0009	-.0007
#2	.1602	.1429	.0730	.1676	.0293	-.0078	-.0010	-.0010

Elem	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079	Zr3391
Avg	-.0035	.0131	.0001	-.0001	-.0002	-.0027	F.0244
Stddev	.0000	.0002	.0004	.0000	.0001	.0001	.0009
%RSD	1.324	1.447	394.1	11.95	41.79	2.945	3.561
#1	-.0035	.0130	.0004	-.0001	-.0002	-.0027	.0250
#2	-.0036	.0132	-.0002	-.0001	-.0001	-.0026	.0238

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Avg	76709.	20832.	2167.3	6131.2
Stddev	184.	6.	3.1	3.4
%RSD	.23937	.03035	.14414	.05479
#1	76839.	20837.	2165.1	6128.8
#2	76579.	20828.	2169.5	6133.6

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Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/4/2010 7:13:07 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.028	2.131	2.038	1.987	1.860	2.184	2.081	2.070	.2462	2.059
Stddev	.002	.005	.003	.002	.002	.003	.001	.004	.0001	.002
%RSD	.0997	.2137	.1497	.0866	.1119	.1491	.0646	.1685	.0222	.1122
#1	2.029	2.128	2.040	1.988	1.859	2.181	2.082	2.067	.2462	2.057
#2	2.026	2.135	2.036	1.986	1.862	2.186	2.081	2.072	.2461	2.061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179	Fe2599	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.941	2.053	1.920	1.958	2.032	2.121	40.40	42.15	41.75	41.37
Stddev	.000	.001	.007	.004	.004	.004	.03	.27	.22	.31
%RSD	.0170	.0319	.3617	.2272	.2039	.2030	.0856	.6355	.5212	.7443
#1	1.941	2.053	1.915	1.955	2.035	2.124	40.37	41.97	41.59	41.15
#2	1.941	2.052	1.925	1.961	2.029	2.118	40.42	42.34	41.90	41.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

Elem	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899	Sr4077	Ti3349	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.02	42.28	2.039	2.007	1.930	5.123	2.109	2.197	2.116	2.027
Stddev	.08	.08	.001	.003	.007	.007	.001	.001	.000	.010
%RSD	.1942	.1920	.0525	.1674	.3762	.1455	.0538	.0616	.0201	.4872
#1	43.08	42.34	2.040	2.005	1.925	5.128	2.109	2.198	2.117	2.020
#2	42.96	42.22	2.038	2.009	1.935	5.118	2.110	2.197	2.116	2.034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value										
Range										

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Zoom In / Zoom Out

Sample Name: ccv Acquired: 11/4/2010 7:13:07 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zr3391
Units	ppm
Avg	2.093
Stddev	.005
%RSD	.2248
#1	2.096
#2	2.089
Check ?	Chk Pass
Value	
Range	

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74419.	20589.	2096.8	5572.7
Stddev	129.	111.	1.2	11.2
%RSD	.17365	.53746	.05624	.20154
#1	74510.	20667.	2095.9	5580.6
#2	74327.	20511.	2097.6	5564.8

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12.3 12

Inst QC: MA25292

◄ Zoom In ►
Zoom Out

Sample Name: ccb Acquired: 11/4/2010 7:18:56 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ba4554	Be3130	Cd2288	Co2286	Cr2677	Cu3247	Mn2576	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	F.0012	.0002	.0001	.0007	-.0012	.0008	-.0001	.0000
Stddev	.0000	.0000	.0002	.0001	.0003	.0002	.0002	.0000	.000
%RSD	2.853	3.149	79.11	98.46	47.04	21.32	30.78	44.86	13600.
#1	.0013	.0012	.0001	.0000	.0009	-.0010	.0010	-.0001	.0003
#2	.0014	.0011	.0003	.0001	.0005	-.0013	.0006	.0000	-.0003
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.0010							
Low Limit		-.0010							

Elem	V_2924	Zn2062	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	.0004	.0008	.0018	-.0004	-.0004	.0000	F.0480	.0278
Stddev	.0003	.0001	.0005	.0000	.0010	.0010	.0003	.0048	.0005
%RSD	34.60	24.32	61.93	2.485	259.4	221.6	19090.	10.06	1.698
#1	.0011	.0003	.0011	.0018	-.0011	-.0011	-.0002	.0514	.0281
#2	.0007	.0004	.0004	.0018	.0003	.0002	.0002	.0446	.0275
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit								.0246	
Low Limit								-.0246	

Elem	Fe2599	Mg2790	K_7664	Na5895	B_2089	Mo2020	Pd3404	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F.0362	.0460	.0580	.0186	-.0003	.0015	.0009	.0013	.0000
Stddev	.0014	.0079	.0014	.0025	.0003	.0007	.0000	.0008	.0000
%RSD	3.784	17.07	2.498	13.35	89.83	43.03	2.390	60.99	42.45
#1	.0352	.0405	.0590	.0169	-.0001	.0020	.0009	.0007	.0000
#2	.0372	.0516	.0570	.0204	-.0005	.0011	.0009	.0018	.0000
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0100								
Low Limit	-.0100								

◄ Zoom In
Zoom Out

Sample Name: ccb Acquired: 11/4/2010 7:18:56 Type: QC
Method: Accutest1(v183) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	W_2079	Zr3391
Units	ppm	ppm	ppm	ppm
Avg	F.0012	.0006	.0052	F.0013
Stddev	.0000	.0002	.0005	.0004
%RSD	1.419	34.28	9.596	26.75
#1	.0012	.0007	.0056	.0016
#2	.0012	.0004	.0049	.0011
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Fail
High Limit	.0010			.0012
Low Limit	-.0010			-.0012

Int. Std.	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76829.	20839.	2159.3	6134.5
Stddev	52.	9.	3.4	.5
%RSD	.06810	.04109	.15743	.00877
#1	76866.	20845.	2161.7	6134.9
#2	76792.	20833.	2156.9	6134.2

NOTE: The remaining raw data for this batch is not relevant to this job. As such it has been omitted.

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Ba 455.403 { 74}	☒	2	Mg	0.000010	0.000000	No
			Al	0.000002	0.000000	No
Be 313.042 {108}	☒	10	V	0.000520	0.000000	No
			Mo	-0.000020	0.000000	No
			Ti	-0.000265	0.000000	No
			Mn	-0.000061	0.000000	No
			Ba	-0.000045	0.000000	No
			Zn	0.000010	0.000000	No
			W	0.000002	0.000000	No
			Sb	0.000079	0.000000	No
			Ag	-0.000541	0.000000	No
			Sn	-0.000010	0.000000	No
Cd 228.802 {448}	☒	14	As	0.002130	0.000000	No
			Ni	-0.000115	0.000000	No
			Fe	0.000006	0.000000	No
			Ba	0.000100	0.000000	No
			Co	-0.005370	0.000000	No
			W	-0.000483	0.000000	No
			Zn	0.000072	0.000000	No
			Al	0.000000	0.000000	No
			Mg	-0.000000	0.000000	No
			Ca	0.000001	0.000000	No
			Mn	0.000081	0.000000	No
			Mo	0.000062	0.000000	No
			Ti	0.000033	0.000000	No
			Cu	-0.000010	0.000000	No
Co 228.616 {448}	☒	6	Fe	0.000025	0.000000	No
			Cr	0.000118	0.000000	No
			Ba	0.000130	0.000000	No
			Ca	-0.000002	0.000000	No
			Mg	-0.000002	0.000000	No
			Ti	0.001670	0.000000	No
Cr 267.716 {126}	☒	7	Mn	0.000143	0.000000	No
			Mo	0.000170	0.000000	No
			Fe	-0.000022	0.000000	No
			Co	-0.000080	0.000000	No
			Al	0.000010	0.000000	No
			Sn	-0.000070	0.000000	No
			Ti	0.000210	0.000000	No
Cu 324.754 {104}2	☒	7	Cr	0.000040	0.000000	No
			Mo	0.000540	0.000000	No
			Ti	-0.000450	0.000000	No
			Mn	0.000086	0.000000	No
			Co	-0.001236	0.000000	No
			Zn	0.000037	0.000000	No
			Fe	-0.000115	0.000000	No
Mn 257.610 {131}	☒	4	Fe	-0.000030	0.000000	No
			Ti	0.000095	0.000000	No
			Si	0.000150	0.000000	No
			Mo	-0.000650	0.000000	No
Ni 231.604 {446}	☒	7	Cr	0.000144	0.000000	No
			Mo	0.000062	0.000000	No
			Fe	0.000024	0.000000	No
			Zn	0.000017	0.000000	No
			Co	-0.000275	0.000000	No
			Cu	0.000840	0.000000	No
			Ti	-0.000030	0.000000	No
Ag 328.068 {103}	☒	11	Mn	0.000081	0.000000	No
			Mo	-0.000017	0.000000	No
			Ti	-0.000020	0.000000	No
			V	-0.002874	0.000000	No
			Si	-0.000010	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Zr	0.005510	0.000000	No
			Sb	-0.000488	0.000000	No
			Mg	0.000002	0.000000	No
			Ca	-0.000001	0.000000	No
			Fe	-0.000117	0.000000	No
			Al	-0.000001	0.000000	No
V 292.402 {115}	☒	5	Fe	0.000015	0.000000	No
			Ti	0.000720	0.000000	No
			Mo	-0.006896	0.000000	No
			Co	0.000639	0.000000	No
			Cr	-0.001528	0.000000	No
Zn 206.200 {464}	☒	12	Cr	-0.000427	0.000000	No
			Mo	0.000369	0.000000	No
			Fe	-0.000001	0.000000	No
			Co	0.000836	0.000000	No
			Ni	0.000338	0.000000	No
			Se	0.000141	0.000000	No
			Ba	0.000495	0.000000	No
			Ca	0.000003	0.000000	No
			Ti	0.000495	0.000000	No
			Sn	0.000068	0.000000	No
			V	0.000230	0.000000	No
			Sr	0.000000	0.000000	No
As 189.042 {478}	☒	19	Al	0.000001	0.000000	No
			Fe	-0.000006	0.000000	No
			Ca	0.000000	0.000000	No
			Mn	0.000030	0.000000	No
			Mo	0.002260	0.000000	No
			Cr	0.000120	0.000000	No
			Co	-0.001000	0.000000	No
			Si	-0.000052	0.000000	No
			Cu	-0.000074	0.000000	No
			Pd	0.027000	0.000000	No
			K	-0.000007	0.000000	No
			Mg	0.000001	0.000000	No
			Cd	-0.000016	0.000000	No
			Sn	0.000067	0.000000	No
			Zn	0.000085	0.000000	No
			Zr	-0.000440	0.000000	No
			Sb	0.000022	0.000000	No
			Ti	-0.000142	0.000000	No
			W	0.000962	0.000000	No
Tl 190.856 {477}	☒	22	Cr	0.000230	0.000000	No
			Mo	-0.008350	0.000000	No
			Al	-0.000001	0.000000	No
			V	-0.013400	0.000000	No
			Mn	0.001580	0.000000	No
			Si	-0.000080	0.000000	No
			Ca	-0.000004	0.000000	No
			Ti	-0.002300	0.000000	No
			Cu	0.000025	0.000000	No
			Co	0.001950	0.000000	No
			Sr	0.000119	0.000000	No
			Zn	-0.000141	0.000000	No
			Pb	0.000206	0.000000	No
			Mg	-0.000005	0.000000	No
			Ba	0.000028	0.000000	No
			Sb	0.000004	0.000000	No
			W	-0.087600	0.000000	No
			B	-0.000092	0.000000	No
			Pd	0.000086	0.000000	No
			Ni	-0.000001	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Sn	0.000020	0.000000	No
			Fe	-0.000097	0.000000	No
Pb 220.353 {453}	☒	19	Al	-0.000072	0.000000	No
			Ca	-0.000018	0.000000	No
			Mn	0.000067	0.000000	No
			Zn	0.000027	0.000000	No
			Mo	-0.002050	0.000000	No
			Ni	0.000125	0.000000	No
			Cu	0.000100	0.000000	No
			V	0.000090	0.000000	No
			Co	0.000390	0.000000	No
			Ti	-0.000100	0.000000	No
			Si	0.000104	0.000000	No
			Mg	0.000002	0.000000	No
			K	-0.000001	0.000000	No
			Pd	0.000578	0.000000	No
			Sb	0.000020	0.000000	No
			Cr	0.000065	0.000000	No
			Sn	0.000070	0.000000	No
			Fe	0.000072	0.000000	No
			W	-0.006000	0.000000	No
Se 196.090 {472}	☒	13	Al	-0.000001	0.000000	No
			Ca	-0.000008	0.000000	No
			Mn	0.000374	0.000000	No
			Mo	0.000240	0.000000	No
			Co	-0.000110	0.000000	No
			Cu	-0.000065	0.000000	No
			Mg	-0.000002	0.000000	No
			Pd	-0.000100	0.000000	No
			Ti	0.000230	0.000000	No
			Sb	0.000230	0.000000	No
			Zn	-0.000291	0.000000	No
			Fe	-0.000384	0.000000	No
			W	0.008550	0.000000	No
Sb 206.833 {463}	☒	15	Fe	0.000027	0.000000	No
			Al	0.000004	0.000000	No
			Ca	0.000002	0.000000	No
			Ni	-0.000080	0.000000	No
			Cr	0.006310	0.000000	No
			V	-0.001130	0.000000	No
			Zn	0.000146	0.000000	No
			Mo	-0.001450	0.000000	No
			Ti	-0.000070	0.000000	No
			Sn	-0.010000	0.000000	No
			Mn	0.000033	0.000000	No
			Co	-0.000121	0.000000	No
			Se	-0.000252	0.000000	No
			Zr	-0.001023	0.000000	No
			W	-0.001523	0.000000	No
Al 396.152 { 85}	☒	5	Ca	0.000018	0.000000	No
			Mo	0.000205	0.000000	No
			Ti	0.000895	0.000000	No
			Si	0.001149	0.000000	No
			Co	0.004578	0.000000	No
Ca 317.933 {106}	☒	5	Al	0.000048	0.000000	No
			Fe	0.000078	0.000000	No
			Mg	0.000071	0.000000	No
			Ti	-0.000042	0.000000	No
			Co	0.000850	0.000000	No
Fe 259.940 {130}	☒	10	Cr	0.000145	0.000000	No
			Zn	-0.009050	0.000000	No
			Al	0.000083	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Co	0.001140	0.000000	No
			Cd	0.000550	0.000000	No
			Sn	-0.005600	0.000000	No
			Ti	-0.000290	0.000000	No
			Si	0.003000	0.000000	No
			Ca	-0.000218	0.000000	No
			Ba	0.002000	0.000000	No
Mg 279.079 {121}	☒	3	Al	0.000040	0.000000	No
			Mo	-0.016660	0.000000	No
			Pb	0.000002	0.000000	No
K 766.490 { 44}	☒	1	Mg	-0.000142	0.000000	No
Na 589.592 { 57}	☒	None				
B 208.959 {462}	☒	3	Mo	0.037000	0.000000	No
			Al	0.000475	0.000000	No
			Ti	-0.000001	0.000000	No
Mo 202.030 {467}	☒	6	Ti	0.000000	0.000000	No
			Pd	-0.000522	0.000000	No
			Al	0.000200	0.000000	No
			Mg	0.000055	0.000000	No
			Ca	0.000034	0.000000	No
			Fe	0.000074	0.000000	No
Pd 340.458 { 99}	☒	7	Ti	-0.002000	0.000000	No
			Co	-0.011300	0.000000	No
			Zr	-0.166000	0.000000	No
			Sn	-0.000700	0.000000	No
			Sb	0.000160	0.000000	No
			Si	0.000010	0.000000	No
			Fe	-0.000124	0.000000	No
Si 212.412 {459}	☒	9	Mn	-0.000580	0.000000	No
			Fe	-0.000067	0.000000	No
			Ca	0.000107	0.000000	No
			Ni	0.000391	0.000000	No
			Cd	-0.002507	0.000000	No
			Cr	0.000350	0.000000	No
			Mo	0.024000	0.000000	No
			Ti	0.004550	0.000000	No
			Ba	0.003325	0.000000	No
Sn 189.989 {478}	☒	4	Ti	-0.003286	0.000000	No
			Fe	0.000032	0.000000	No
			Mn	0.000468	0.000000	No
			Mo	-0.001005	0.000000	No
Sr 407.771 { 83}	☒	3	Ca	0.000034	0.000000	No
			Pd	0.000168	0.000000	No
			Ti	0.000000	0.000000	No
Ti 334.904 {101}	☒	3	Cr	0.000189	0.000000	No
			Mo	0.001170	0.000000	No
			Zr	0.000002	0.000000	No
Y 360.073 { 94}*	☒	None				
Y 371.030 { 91}*	☒	None				
Y 224.306 {451}*	☒	None				
In 230.606 {446}*	☒	None				
W 207.911 {462}	☒	3	Al	-0.000024	0.000000	No
			V	-0.007034	0.000000	No
			Zn	0.010800	0.000000	No
Zr 339.198 { 99}	☒	7	Fe	-0.000080	0.000000	No
			Si	0.000336	0.000000	No
			Ba	-0.000049	0.000000	No
			Sn	0.001226	0.000000	No
			Sb	-0.004933	0.000000	No
			V	-0.001191	0.000000	No
			W	0.000500	0.000000	No

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```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Standard: 1 Rep: 1              Seq:  1005    15:56:20 05 Nov 10   HG

Hg    .000    ppb      5573

*** Standard: 2 Rep: 1              Seq:  1006    15:57:38 05 Nov 10   HG

Hg    .200    ppb      19167

*** Standard: 3 Rep: 1              Seq:  1007    15:58:52 05 Nov 10   HG

Hg    .500    ppb      33804

*** Standard: 4 Rep: 1              Seq:  1008    16:00:11 05 Nov 10   HG

Hg    1.00    ppb      59862

*** Standard: 5 Rep: 1              Seq:  1009    16:01:36 05 Nov 10   HG

Hg    2.50    ppb      135186

*** Standard: 6 Rep: 1              Seq:  1010    16:03:00 05 Nov 10   HG

Hg    5.00    ppb      255056

*** Sample ID: ICV                   Seq:  1011   16:14:05 05 Nov 10   HG

Hg    3.06    ppb       .000  %   3.06

===============================================================================
*** Sample ID: ICB                   Seq:  1012   16:15:35 05 Nov 10   HG

Hg   -.082    ppb       .000  %  -.082
                                                                            =
===============================================================================
*** Sample ID: CRA                   Seq:  1013   16:16:44 05 Nov 10   HG

Hg    .182    ppb       .000  %   .182
                                                                            =
*** Check Standard: 2  Ck2ccv        Seq:  1014    16:20:49 05 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          98.1     2.45    2.50   ppb        .000  %
                                                                            =
*** Check Standard: 1  Ck1ccb        Seq:  1015    16:22:07 05 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.069     .200     ppb        .000  %
                                                                            =
*** Sample ID: CRA                   Seq:  1016   16:23:36 05 Nov 10   HG

Hg    .196    ppb       .000  %   .196
                                                                            =
===============================================================================
*** Sample ID: MP55465-MB            Seq:  1017   16:27:07 05 Nov 10   HG

Hg   -.069    ppb       .000  %  -.069
                                                                            =
```

12.4 12

```
==================================================================================
*** Sample ID: MP55465-LC            Seq:  1018   16:28:15 05 Nov 10   HG

Hg    1.95    ppb       .000  %   1.95
                                                                                =
==================================================================================
```

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Folder: ACCUTEST
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```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Sample ID: JA60550-1            Seq:  1019   16:29:34 05 Nov 10   HG

Hg    .041    ppb       .000  %   .041
                                                                          =
==============================================================================
*** Sample ID: CRA                  Seq:  1020   16:31:04 05 Nov 10   HG

Hg    .206    ppb       .000  %   .206
                                                                          =
==============================================================================
*** Sample ID: MP55515-MB           Seq:  1021   16:32:54 05 Nov 10   HG

Hg   -.073    ppb       .000  %  -.073
                                                                          =
==============================================================================
*** Sample ID: MP55515-LC           Seq:  1022   16:34:23 05 Nov 10   HG

Hg    1.96    ppb       .000  %   1.96
                                                                          =
==============================================================================
*** Sample ID: MP55515-S1           Seq:  1023   16:35:37 05 Nov 10   HG

Hg    2.01    ppb       .000  %   2.01
                                                                          =
==============================================================================
*** Sample ID: MP55515-S2           Seq:  1024   16:36:45 05 Nov 10   HG

Hg    1.99    ppb       .000  %   1.99
                                                                          =
==============================================================================
*** Sample ID: JA60566-2            Seq:  1025   16:37:54 05 Nov 10   HG

Hg   -.021    ppb       .000  %  -.021
                                                                          =
*** Check Standard: 2  Ck2ccv       Seq:  1026   16:39:25 05 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          97.2     2.43    2.50   ppb        .000  %
                                                                          =
*** Check Standard: 1  Ck1ccb       Seq:  1027   16:40:43 05 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.083     .200     ppb        .000  %
                                                                          =
*** Sample ID: JA60566-1            Seq:  1028   16:41:51 05 Nov 10   HG

Hg   -.005    ppb       .000  %  -.005
                                                                          =
==============================================================================
*** Sample ID: JA60566-3            Seq:  1029   16:43:05 05 Nov 10   HG

Hg    .010    ppb       .000  %   .010
                                                                          =
==============================================================================
*** Sample ID: JA60566-4            Seq:  1030   16:44:15 05 Nov 10   HG

Hg   -.003    ppb       .000  %  -.003
```

12.4 12

```
==================================================================================
*** Sample ID: JA60566-5                Seq:  1031   16:45:29 05 Nov 10   HG

Hg     .011     ppb        .000  %    .011
==================================================================================
```

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```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Sample ID: JA60566-6            Seq:  1032   16:46:53 05 Nov 10   HG

Hg    .007    ppb       .000  %   .007
                                                                          =
=============================================================================
*** Sample ID: JA60284-1            Seq:  1033   16:52:25 05 Nov 10   HG

Hg    .351    ppb       .000  %   .351
                                                                          =
=============================================================================
*** Sample ID: JA60284-2            Seq:  1034   16:54:00 05 Nov 10   HG

Hg    .068    ppb       .000  %   .068
                                                                          =
=============================================================================
*** Sample ID: JA60485-1            Seq:  1035   16:55:15 05 Nov 10   HG

Hg    .056    ppb       .000  %   .056
                                                                          =
*** Check Standard: 2  Ck2ccv       Seq:  1036   16:56:24 05 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          97.5     2.44    2.50   ppb        .000  %
                                                                          =
*** Check Standard: 1  Ck1ccb       Seq:  1037   16:57:43 05 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.091     .200     ppb        .000  %
                                                                          =
*** Sample ID: MP55517-MB           Seq:  1038   17:08:10 05 Nov 10   HG
                                 1
Hg   -.066    ppb       .000  %  -.066
                                                                          =
=============================================================================
*** Sample ID: MP55517-LC           Seq:  1039   17:10:44 05 Nov 10   HG
                                 1
Hg    1.95    ppb       .000  %   1.95
                                                                          =
=============================================================================
*** Sample ID: JA58771-11           Seq:  1040   17:12:38 05 Nov 10   HG

Hg    .004    ppb       .000  %   .004
                                                                          =
=============================================================================
*** Sample ID: JA58900-5            Seq:  1041   17:13:57 05 Nov 10   HG

Hg   -.007    ppb       .000  %  -.007
                                                                          =
=============================================================================
*** Sample ID: JA58900-6            Seq:  1042   17:15:07 05 Nov 10   HG

Hg    .004    ppb       .000  %   .004
                                                                          =
=============================================================================
*** Sample ID: JA59373-16           Seq:  1043   17:16:53 05 Nov 10   HG

Hg    .003    ppb       .000  %   .003
```

```
==========================================================================
*** Sample ID: JA59373-33            Seq:  1044   17:19:27 05 Nov 10   HG
                                 A
Hg     .009     ppb        .000  %    .009
==========================================================================
```

Folder: ACCUTEST
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```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Sample ID: JA60338-1Q            Seq:  1045   17:20:37 05 Nov 10   HG

Hg   -.004    ppb       .000  %  -.004
                                                                          =
==============================================================================
*** Sample ID: JA60341-1Q            Seq:  1046   17:21:48 05 Nov 10   HG

Hg    .021    ppb       .000  %   .021
                                                                          =
==============================================================================
*** Sample ID: JA59373-9             Seq:  1047   17:35:37 05 Nov 10   HG

Hg    1.57    ppb       .000  %   1.57
                                                                          =
*** Check Standard: 2  Ck2ccv        Seq:  1048   17:36:48 05 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          94.7     2.37    2.50   ppb        .000  %
                                                                          =
*** Check Standard: 1  Ck1ccb        Seq:  1049   17:38:01 05 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.111     .200     ppb        .000  %
                                                                          =
*** Sample ID: JA60773-1             Seq:  1050   17:51:41 05 Nov 10   HG

Hg    .014    ppb       .000  %   .014
                                                                          =
==============================================================================
*** Sample ID: JA60773-2             Seq:  1051   17:52:52 05 Nov 10   HG

Hg    .003    ppb       .000  %   .003
                                                                          =
==============================================================================
*** Sample ID: MP55519-MB            Seq:  1052   18:09:37 05 Nov 10   HG
                                 1
Hg   -.062    ppb       .000  %  -.062
                                                                          =
==============================================================================
*** Sample ID: MP55519-LC            Seq:  1053   18:10:47 05 Nov 10   HG
                                 1
Hg    1.93    ppb       .000  %   1.93
                                                                          =
==============================================================================
*** Sample ID: MP55519-S1            Seq:  1054   18:12:00 05 Nov 10   HG

Hg    1.92    ppb       .000  %   1.92
                                                                          =
==============================================================================
*** Sample ID: MP55519-S2            Seq:  1055   18:13:45 05 Nov 10   HG

Hg    1.88    ppb       .000  %   1.88
                                                                          =
==============================================================================
*** Sample ID: JA60498-7A            Seq:  1056   18:14:55 05 Nov 10   HG

Hg    .023    ppb       .000  %   .023
```

```
==================================================================================
*** Sample ID: JA60498-8A            Seq:  1057   18:17:26 05 Nov 10   HG

Hg    .020    ppb       .000  %   .020
==================================================================================
```

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Folder: ACCUTEST
Protocol: PPB
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```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID: JA60589-1            Seq:  1058   18:18:37 05 Nov 10   HG

Hg    .031    ppb       .000  %   .031
                                                                              =
===============================================================================
*** Sample ID: CRA                  Seq:  1059   18:20:38 05 Nov 10   HG

Hg    .207    ppb       .000  %   .207
                                                                              =
*** Check Standard: 2  Ck2ccv       Seq:  1060    18:21:52 05 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          93.5     2.34    2.50   ppb        .000  %
                                                                              =
*** Check Standard: 1  Ck1ccb       Seq:  1061    18:23:02 05 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.112     .200     ppb        .000  %
                                                                              =
```

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POST-RUN REPORT


```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Standard: 1 Rep: 1              Seq:  1455    10:39:22 08 Nov 10   HG

Hg    .000    ppb      387

*** Standard: 2 Rep: 1              Seq:  1456    10:40:43 08 Nov 10   HG

Hg    .200    ppb      1578

*** Standard: 3 Rep: 1              Seq:  1457    10:41:52 08 Nov 10   HG

Hg    .500    ppb      3211

*** Standard: 4 Rep: 1              Seq:  1458    10:43:00 08 Nov 10   HG

Hg    1.00    ppb      6584

*** Standard: 5 Rep: 1              Seq:  1459    10:44:10 08 Nov 10   HG

Hg    2.50    ppb      15152

*** Standard: 6 Rep: 1              Seq:  1460    10:45:39 08 Nov 10   HG

Hg    5.00    ppb      29629

*** Sample ID: ICV                   Seq:  1461   11:07:16 08 Nov 10   HG

Hg    3.12    ppb       .000  %   3.12

=============================================================================
*** Sample ID: ICB                   Seq:  1462   11:08:25 08 Nov 10   HG

Hg   -.014    ppb       .000  %  -.014
                                                                          =
*** Check Standard: 2  Ck2CCV        Seq:  1463    11:09:53 08 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          98.1     2.45    2.50   ppb        .000  %
                                                                          =
*** Check Standard: 1  Ck1CCB        Seq:  1464    11:11:01 08 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.033     .200     ppb        .000  %
                                                                          =
*** Sample ID: CRA                   Seq:  1465   11:12:11 08 Nov 10   HG

Hg    .196    ppb       .000  %   .196
                                                                          =
=============================================================================
```

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Folder: accutest
Protocol: PPB
POST-RUN REPORT


```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Sample ID: MP55511-MB            Seq:  1466   11:13:30 08 Nov 10   HG

Hg   -.012    ppb       .000  %  -.012
                                                                          =
=============================================================================
*** Sample ID: MP55511-LC            Seq:  1467   11:14:39 08 Nov 10   HG

Hg    3.11    ppb       .000  %   3.11
                                                                          =
=============================================================================
*** Sample ID: JA59401-9             Seq:  1468   11:15:48 08 Nov 10   HG

Hg   -.103    ppb       .000  %  -.103
                                                                          =
=============================================================================
*** Sample ID: JA59571-1             Seq:  1469   11:24:10 08 Nov 10   HG

Hg    .130    ppb       .000  %   .130
                                                                          =
=============================================================================
*** Sample ID: JA59571-3             Seq:  1470   11:25:20 08 Nov 10   HG

Hg    .340    ppb       .000  %   .340
                                                                          =
=============================================================================
*** Sample ID: JA59541-1A            Seq:  1471   11:26:33 08 Nov 10   HG

Hg    .000    ppb       .000  %   .000
                                                                          =
=============================================================================
*** Sample ID: JA59541-2A            Seq:  1472   11:27:41 08 Nov 10   HG

Hg    1.07    ppb       .000  %   1.07
                                                                          =
=============================================================================
*** Sample ID: JA59541-3A            Seq:  1473   11:28:50 08 Nov 10   HG

Hg    5.05    ppb       .000  %   5.05
                                                                          =
=============================================================================
*** Sample ID: JA59541-4A            Seq:  1474   11:30:11 08 Nov 10   HG

Hg    5.26    ppb       .000  %   5.26
                                                                          =
*** Check Standard: 2  Ck2CCV        Seq:  1475   11:31:23 08 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          97.2     2.43    2.50   ppb        .000  %
                                                                          =
```

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Folder: accutest
Protocol: PPB
POST-RUN REPORT


```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Check Standard: 1  Ck1CCB       Seq:  1476    11:32:45 08 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.032     .200     ppb        .000  %
                                                                          =
*** Sample ID: JA60791-1            Seq:  1477   11:34:04 08 Nov 10   HG

Hg    .199    ppb       .000  %   .199
                                                                          =
=============================================================================
*** Sample ID: JA60791-2            Seq:  1478   11:35:18 08 Nov 10   HG

Hg    .377    ppb       .000  %   .377
                                                                          =
=============================================================================
*** Sample ID: JA60791-3            Seq:  1479   11:36:28 08 Nov 10   HG

Hg    .327    ppb       .000  %   .327
                                                                          =
=============================================================================
*** Sample ID: JA60791-4            Seq:  1480   11:37:49 08 Nov 10   HG

Hg    .291    ppb       .000  %   .291
                                                                          =
=============================================================================
*** Sample ID: JA60791-5            Seq:  1481   11:38:59 08 Nov 10   HG

Hg    .393    ppb       .000  %   .393
                                                                          =
=============================================================================
*** Sample ID: JA59541-3A           Seq:  1482   11:59:30 08 Nov 10   HG
                                                Wgt 1.0000 Vol 2.0000
Hg    5.28    ppb       .000  %   5.28
                                                                          =
=============================================================================
*** Sample ID: JA59541-4A           Seq:  1483   12:00:40 08 Nov 10   HG
                                                Wgt 1.0000 Vol 2.0000
Hg    5.43    ppb       .000  %   5.43
                                                                          =
=============================================================================
*** Sample ID: MP55530-MB           Seq:  1484   12:13:08 08 Nov 10   HG

Hg    .005    ppb       .000  %   .005
                                                                          =
=============================================================================
*** Sample ID: MP55530-LC           Seq:  1485   12:14:21 08 Nov 10   HG

Hg    2.97    ppb       .000  %   2.97
                                                                          =
=============================================================================
```

12.5 12

Folder: accutest
Protocol: PPB
POST-RUN REPORT


```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Sample ID: MP55530-S1            Seq:  1486   12:15:31 08 Nov 10   HG

Hg    1.88    ppb       .000  %   1.88
                                                                          =
*** Check Standard: 2  Ck2CCV        Seq:  1487    12:16:39 08 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          98.1     2.45    2.50   ppb        .000  %
                                                                          =
*** Check Standard: 1  Ck1CCB        Seq:  1488    12:17:59 08 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.026     .200     ppb        .000  %
                                                                          =
*** Sample ID: MP55530-S2            Seq:  1489   12:19:08 08 Nov 10   HG

Hg    1.79    ppb       .000  %   1.79
                                                                          =
=============================================================================
*** Sample ID: JA58900-3             Seq:  1490   12:20:19 08 Nov 10   HG

Hg    .019    ppb       .000  %   .019
                                                                          =
=============================================================================
*** Sample ID: JA58900-2             Seq:  1491   12:21:29 08 Nov 10   HG

Hg    .059    ppb       .000  %   .059
                                                                          =
=============================================================================
*** Sample ID: JA58900-1             Seq:  1492   12:22:38 08 Nov 10   HG

Hg    .026    ppb       .000  %   .026
                                                                          =
=============================================================================
*** Sample ID: JA58900-4             Seq:  1493   12:23:48 08 Nov 10   HG

Hg    .051    ppb       .000  %   .051
                                                                          =
=============================================================================
*** Sample ID: JA58900-7             Seq:  1494   12:25:11 08 Nov 10   HG

Hg    .008    ppb       .000  %   .008
                                                                          =
=============================================================================
*** Sample ID: JA58900-8             Seq:  1495   12:26:22 08 Nov 10   HG

Hg    .012    ppb       .000  %   .012
                                                                          =
=============================================================================
```

Folder: accutest
Protocol: PPB
POST-RUN REPORT


```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Sample ID: JA58900-9            Seq:  1496   12:27:31 08 Nov 10   HG

Hg    .017    ppb       .000  %   .017
                                                                          =
=============================================================================
*** Sample ID: JA58900-10           Seq:  1497   12:28:40 08 Nov 10   HG

Hg    .055    ppb       .000  %   .055
                                                                          =
=============================================================================
*** Sample ID: JA58900-11           Seq:  1498   12:29:54 08 Nov 10   HG

Hg    .783    ppb       .000  %   .783
                                                                          =
*** Check Standard: 2  Ck2CCV       Seq:  1499   12:31:06 08 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          100.     2.51    2.50   ppb        .000  %
                                                                          =
*** Check Standard: 1  Ck1CCB       Seq:  1500   12:32:15 08 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.032     .200     ppb        .000  %
                                                                          =
*** Sample ID: JA58900-12           Seq:  1501   12:33:26 08 Nov 10   HG

Hg    .046    ppb       .000  %   .046
                                                                          =
=============================================================================
*** Sample ID: JA58900-14           Seq:  1502   12:34:36 08 Nov 10   HG

Hg    .056    ppb       .000  %   .056
                                                                          =
=============================================================================
*** Sample ID: JA58911-1            Seq:  1503   12:35:46 08 Nov 10   HG

Hg    .149    ppb       .000  %   .149
                                                                          =
=============================================================================
*** Sample ID: JA58911-2            Seq:  1504   12:36:56 08 Nov 10   HG

Hg    .704    ppb       .000  %   .704
                                                                          =
=============================================================================
*** Sample ID: JA58911-3            Seq:  1505   12:38:07 08 Nov 10   HG

Hg    .344    ppb       .000  %   .344
                                                                          =
=============================================================================
```

Folder: accutest
Protocol: PPB
POST-RUN REPORT


```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Sample ID: JA58911-4            Seq:  1506   12:39:19 08 Nov 10   HG

Hg    .343    ppb       .000  %   .343
                                                                          =
=============================================================================
*** Sample ID: JA58911-5            Seq:  1507   12:40:38 08 Nov 10   HG

Hg    .120    ppb       .000  %   .120
                                                                          =
=============================================================================
*** Sample ID: JA58911-6            Seq:  1508   12:52:18 08 Nov 10   HG

Hg    .248    ppb       .000  %   .248
                                                                          =
=============================================================================
*** Sample ID: JA58911-7            Seq:  1509   12:53:27 08 Nov 10   HG

Hg    .024    ppb       .000  %   .024
                                                                          =
*** Check Standard: 2  Ck2CCV       Seq:  1510   12:54:36 08 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          103.     2.57    2.50   ppb        .000  %
                                                                          =
*** Check Standard: 1  Ck1CCB       Seq:  1511   12:55:44 08 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.024     .200     ppb        .000  %
                                                                          =
*** Sample ID: JA58911-8            Seq:  1512   12:57:06 08 Nov 10   HG

Hg    .007    ppb       .000  %   .007
                                                                          =
=============================================================================
*** Sample ID: JA58911-9            Seq:  1513   12:58:18 08 Nov 10   HG

Hg    .182    ppb       .000  %   .182
                                                                          =
=============================================================================
*** Sample ID: MP55531-MB           Seq:  1514   12:59:31 08 Nov 10   HG

Hg   -.027    ppb       .000  %  -.027
                                                                          =
=============================================================================
*** Sample ID: MP55531-LC           Seq:  1515   13:00:40 08 Nov 10   HG

Hg    2.97    ppb       .000  %   2.97
                                                                          =
=============================================================================
```

Folder: accutest
Protocol: PPB
POST-RUN REPORT


```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Sample ID: MP55531-S1            Seq:  1516   13:01:49 08 Nov 10   HG

Hg    1.96    ppb       .000  %   1.96
                                                                          =
=============================================================================
*** Sample ID: MP55531-S2            Seq:  1517   13:03:09 08 Nov 10   HG

Hg    2.08    ppb       .000  %   2.08
                                                                          =
=============================================================================
*** Sample ID: JA58911-12            Seq:  1518   13:04:20 08 Nov 10   HG

Hg    .115    ppb       .000  %   .115
                                                                          =
=============================================================================
*** Sample ID: JA58911-11            Seq:  1519   13:05:29 08 Nov 10   HG

Hg    .152    ppb       .000  %   .152
                                                                          =
=============================================================================
*** Sample ID: JA58911-10            Seq:  1520   13:06:49 08 Nov 10   HG

Hg    .082    ppb       .000  %   .082
                                                                          =
=============================================================================
*** Sample ID: JA59511-1             Seq:  1521   13:07:58 08 Nov 10   HG

Hg    .971    ppb       .000  %   .971
                                                                          =
*** Check Standard: 2  Ck2CCV        Seq:  1522   13:09:09 08 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          102.     2.55    2.50   ppb        .000  %
                                                                          =
*** Check Standard: 1  Ck1CCB        Seq:  1523   13:10:19 08 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.023     .200     ppb        .000  %
                                                                          =
*** Sample ID: JA59511-2             Seq:  1524   13:11:28 08 Nov 10   HG

Hg    .694    ppb       .000  %   .694
                                                                          =
=============================================================================
*** Sample ID: JA59511-3             Seq:  1525   13:12:39 08 Nov 10   HG

Hg    .207    ppb       .000  %   .207
                                                                          =
=============================================================================
```

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Folder: accutest
Protocol: PPB
POST-RUN REPORT


```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Sample ID: JA59511-4            Seq:  1526   13:14:13 08 Nov 10   HG

Hg    .031    ppb       .000  %   .031
                                                                          =
=============================================================================
*** Sample ID: JA59512-1            Seq:  1527   13:15:34 08 Nov 10   HG

Hg    1.28    ppb       .000  %   1.28
                                                                          =
=============================================================================
*** Sample ID: JA59512-3            Seq:  1528   13:17:06 08 Nov 10   HG

Hg    2.21    ppb       .000  %   2.21
                                                                          =
=============================================================================
*** Sample ID: JA59512-4            Seq:  1529   13:18:17 08 Nov 10   HG

Hg    2.49    ppb       .000  %   2.49
                                                                          =
=============================================================================
*** Sample ID: JA59544-1            Seq:  1530   13:19:28 08 Nov 10   HG

Hg    5.96    ppb       .000  %   5.96
                                                                          =
=============================================================================
*** Sample ID: JA59544-2            Seq:  1531   13:20:40 08 Nov 10   HG

Hg    5.83    ppb       .000  %   5.83
                                                                          =
=============================================================================
*** Sample ID: JA59544-4            Seq:  1532   13:22:00 08 Nov 10   HG

Hg    .201    ppb       .000  %   .201
                                                                          =
=============================================================================
*** Sample ID: JA59544-11           Seq:  1533   13:23:09 08 Nov 10   HG

Hg    5.45    ppb       .000  %   5.45
                                                                          =
*** Check Standard: 2  Ck2CCV       Seq:  1534   13:24:21 08 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          102.     2.55    2.50  ppb        .000  %
                                                                          =
*** Check Standard: 1  Ck1CCB       Seq:  1535   13:25:42 08 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.019     .200     ppb        .000  %
                                                                          =
```

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Folder: accutest
Protocol: PPB
POST-RUN REPORT


```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-----------------------------------------------------------------------------

*** Sample ID: JA59544-32            Seq:  1536   13:26:50 08 Nov 10   HG

Hg    3.26    ppb       .000  %   3.26
                                                                          =
=============================================================================
*** Sample ID: JA59544-35            Seq:  1537   13:28:15 08 Nov 10   HG

Hg    2.82    ppb       .000  %   2.82
                                                                          =
=============================================================================
*** Sample ID: JA59544-40            Seq:  1538   13:29:46 08 Nov 10   HG

Hg    .527    ppb       .000  %   .527
                                                                          =
=============================================================================
*** Sample ID: JA59544-41            Seq:  1539   13:31:06 08 Nov 10   HG

Hg   -.006    ppb       .000  %  -.006
                                                                          =
=============================================================================
*** Sample ID: JA59544-42            Seq:  1540   13:32:16 08 Nov 10   HG

Hg    .520    ppb       .000  %   .520
                                                                          =
=============================================================================
*** Sample ID: JA59544-43            Seq:  1541   13:33:37 08 Nov 10   HG

Hg    .097    ppb       .000  %   .097
                                                                          =
*** Check Standard: 2  Ck2CCV        Seq:  1542   13:34:58 08 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          102.     2.54    2.50   ppb        .000  %
                                                                          =
*** Check Standard: 1  Ck1CCB        Seq:  1543   13:36:06 08 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.033     .200     ppb        .000  %
                                                                          =
*** Sample ID: JA59544-1             Seq:  1544   13:44:04 08 Nov 10   HG
                                                Wgt 1.0000 Vol 2.0000
Hg    5.86    ppb       .000  %   5.86
                                                                          =
=============================================================================
*** Sample ID: JA59544-2             Seq:  1545   13:45:35 08 Nov 10   HG
                                                Wgt 1.0000 Vol 2.0000
Hg    5.86    ppb       .000  %   5.86
                                                                          =
=============================================================================
```

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Folder: accutest
Protocol: PPB
POST-RUN REPORT


```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID: JA59544-11            Seq:  1546   13:46:46 08 Nov 10   HG
                                                Wgt 1.0000 Vol 2.0000
Hg    5.38    ppb       .000  %   5.38
                                                                        =
*** Check Standard: 2  Ck2CCV        Seq:  1547    13:47:56 08 Nov 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          101.     2.52    2.50   ppb        .000  %
                                                                        =
*** Check Standard: 1  Ck1CCB        Seq:  1548    13:49:16 08 Nov 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.028     .200     ppb        .000  %
                                                                        =
```

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ACCUTEST.

Mercury Digestion Log

Product: HG / EHG / HGCLP
Matrix: Aq / Liq / DW

MA Batch #: MA25307
Analyst: SW
Date: 11/5/10
Balance ID: N/A
Reagents: See attached sheet
Thermometer ID: 130

Methods (Circle as appropriate)

EPA 245.1 SW846 7470A EPA 245.1 CLP-M

Type of Digestion:

Hot Block: Start Time: 10:00 Temp: 95.5 (98-3=) End time: 11:00 Temp: 95.5 (98-3=)

Water Bath Start Time: ____ Temp: ____ End time: ____ Temp: ____

Bot #	Sample ID	pH <2 Y/N	Initial Sample Vol ml	Final Samp Vol ml	Spiked Used Amount Spiked	Spiked Used Added-Y or N	Spikelot and Conc (mg/L)	MP Number	Comments	
1	ICV		40	40	3.0 ML	✓	0.04		0.040 ppm Hg std.(External)	
2	ICB									
	CCV				2.5 ML	✓	0.04		0.040 ppm Hg std.	
	CCB									
3	CRA				2.0 ML	✓	0.004		0.004 ppm Hg std.	
4	mp55515-MB1	✓						mp55515		SW846
5	LCS1	↓			2.0	✓	0.04			
6	S1	Y				✓			JA60566-2	
7	S2					✓				
8	JA60566-2									
9	JA60566-1									
10	JA60566-3									
11	JA60566-4									
12	JA60566-5									
	CCV				2.5 ML	✓	0.04		0.04 ppm Hg std.	
	CCB									
13	JA60566-6	↓								
14	mp55465-MB2	✓						mp55465		TCLP
15	LCS1	↓			2.0	✓	0.04			
16	JA60550-1	Y								
17	JA60284-1									
18	JA60284-2									
19	JA60773-1									SW846
20	-2									
21	JA60485-1									
22	JA59373-5		20ml						Brown & muddy	
	CCV		40		2.5 ML	✓	0.04		0.04 ppm Hg std.	
	CCB									
23	mp55517-MB	✓						mp55517		EPA
24	LCS	↓			2.0	✓	0.04			
25	JA58771-11	Y								
26	JA58909-5									
27	-6									
28	JA59373-16									
29	-33A									
30	JA60338-1Q									
31	JA60341-1Q	↓								
32	mp55465-MB1	✓								EPA
	CCV				2.5 ML	✓	0.04		0.04 ppm Hg std.	
	CCB									

ANALYST: [signature] DATE: 11/5/10
QC REVIEWER: ____ DATE: ____

Form GN-022A
Revision Date: 06/09/08

ACCUTEST

Mercury Digestion Log

Product: HG / EHG / HGCLP
Matrix: Aq / Liq / DW

MA Batch #: MA25307
Analyst: JW
Date: 11/5/10
Balance ID: N/A
Reagents: See attached sheet
Thermometer ID: 130

Methods (Circle as appropriate)

EPA 245.1 SW846 7470A EPA 245.1 CLP-M

Type of Digestion:

Hot Block: Start Time: 12:00 Temp: 95 (98-33) End time: 1:00 Temp: 95.0 (98-33)

Water Bath Start Time: _____ Temp: _____ End time: _____ Temp: _____

Bot #	Sample ID	pH <2 Y/N	Initial Sample Vol ml	Final Samp Vol ml	Spiked Used Amount Spiked	Spiked Used Added- Y or N	Spikelot and Conc (mg/L)	MP Number	Comments
67	MI55589-LCS	N	50	50	2.0	Y	0.04	MP1111	
68	51	Y				Y			JA60458-7A
69	52					Y			
70	JA60458-7A								
71	-8A								
72	JA60588-1								
	CCV				2.5 ML		0.04		0.04 ppm Hg std.
	CCB								
73									
74									
75									
76									
77									
78									
79									
80									
81									
82									
	CCV				2.5 ML		0.04		0.04 ppm Hg std.
	CCB								
83									
84									
85									
86									
87									
88									
89									
90									
91									
92									
	CCV				2.5 ML		0.04		0.04 ppm Hg std.
	CCB								
93									
94									
95									
96									
97									
98									
99									
100									
101									
102									
	CCV				2.5 ML		0.04		0.04 ppm Hg std.
	CCB								

ANALYST: [signature] DATE: 11/5/10
QC REVIEWER: _____ DATE: _____

Form GN-022A
Revision Date: 06/09/08

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ACCUTEST

Mercury Digestion Log

Product **HG / EHG / HGCLP**
Matrix: Aq / Liq

MA Batch #: _____
Analyst: _____
Date: _____
Balance ID: N/A
Reagents: See attached sheet
Thermometer ID: _____

Methods (Circle as appropriate)

EPA 245.1 **SW846 7470A** **EPA 245.1 CLP-M**

Type of Digestion: Hot Block: Start Time: _____ Temp:_____ End time:____ Temp: _____

Water Bath Start Time: _____ Temp:_____ End time:____ Temp: _____

Bot #	Sample ID	Initial Sample Vol ml	Final Samp Vol ml	Spiked Used Amount Spiked	Spiked Used Added-Y or N	Spikelot and Conc (mg/L)	MP Number	Comments
S-1	Calibration Blank	40 ml	40 ml	0.0 ml				
S-2	0.20 ug/l standard	40 ml	40 ml	2.0 ml		0.0040		
S-3	0.50 ug/l standard	40 ml	40 ml	5.0 ml		0.0040		
S-4	1.00 ug/l standard	40 ml	40 ml	1.0 ml		0.0400		
S-5	2.50 ug/l standard	40 ml	40 ml	2.5 ml		0.0400		
S-6	5.00 ug/l standard	40 ml	40 ml	5.0 ml		0.0400		

Analyst: _____ **Date:** _____
QC Reviewer: _____ **Date:** _____

Form: GN-022B
Rev. Date: 06/09/08

Inst QC: MA25307

WinHg Database 1.4

File Utility Help

Protocol: PPB

Dataset/Proto: ACCUTEST/PPB

Protocol | Line Info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A:

B: 2.01601e-5

C: -1.75730e-1

Rho: .999763

Type: Linear

Calibrated

Accepted

Accept

Rel Abs.

255056

Accepted

New

Include S1 Rep 1 2 3 4 5

Conc. 5.00

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	.063	.063	5574	0	5573		
02	.20000	.211	.011	19167	0%	19167		
03	.50000	.506	.006	33805	0%	33804		
04	1.0000	1.03	.031	59863	0%	59862		
05	2.5000	2.55	.050	135186	0%	135186		
06	5.0000	4.97	-.034	255056	0%	255056		

Ready NUM

12.6.1 12

Inst QC: MA25311

ACCUTEST.

Mercury Digestion Log

Product: HG / HGCLP / HGLIQ
Matrix: Soil

MA Batch #: MA25311
Analyst: JOSHUAF
Date: 11/7/2010 12:33
Balance ID: 24
Reagents: See attached sheet
Thermometer ID: 130

Methods (Circle as appropriate)

SW846 7471A EPA 245.5 CLP-M 98-3

Type of Digestion: Hot Block: Start Time: 14:20 Temp: 98 End Time: _____ Temp: ____
Water Bath: Start Time:_____ Temp:_____ End Time:_____ Temp:_____
Autoclave: Start Time:_____ End Time:_____ Temp/Pressure:_____

Bot #	Sample ID	Initial Sample Wt. in g	Final Samp Vol ml	Spike Used Amount Spiked	Spike Used Added-Y or N	Spikelot and Conc (mg/L)	MP Number	Comments
1	ICV		100	3.0 ml	Y	0.1		
2	ICB							
	CCV			2.5 ml	Y	0.1		
	CCB							
3	CRA			2.0 ml	Y	0.01		
4	MP55530-MB1	0.6000					MP55530	
5	MP55530-LC1	0.1089						
6	MP55530-S1	0.6054		2.0 ml		0.1		JA58900-3
7	MP55530-S2	0.6161		2.0 ml		0.1		JA58900-3
8	JA58900-3	0.6887						
9	JA58900-2	0.6431						
10	JA58900-1	0.6346						
11	JA58900-4	0.6336						
12	JA58900-7	0.6208						
	CCV			2.5 ml	Y	0.1		
	CCB							
13	JA58900-8	0.6863						
14	JA58900-9	0.6914						
15	JA58900-10	0.6734						
16	JA58900-11	0.6872						
17	JA58900-12	0.6556						
18	JA58900-14	0.6377						
19	JA58911-1	0.6505						
20	JA58911-2	0.6108						
21	JA58911-3	0.6144						
22	JA58911-4	0.6210						
	CCV			2.5 ml	Y	0.1		
	CCB							
23	JA58911-5	0.6226						
24	JA58911-6	0.6102						
25	JA58911-7	0.6992						
26	JA58911-8	0.6410						
27	JA58911-9	0.6353						
28	MP55531-MB1	0.6000					MP55531	
29	MP55531-LC1	0.1092						
30	MP55531-S1	0.6369						JA58911-12
31	MP55531-S2	0.6375						JA58911-12
32	JA58911-12	0.6058						
	CCV			2.5 ml	Y	0.1		
	CCB							

12.6.2 12

Form: GN-022F
Revision Date:06/09/08

ANALYST: [signature]
QC REVIEWER: _____

DATE: 11/7/10
DATE: _____

Inst QC: MA25311

ACCUTEST.

Mercury Digestion Log

Product: **HG / HGCLP / HGLIQ**
Matrix: **Soil**

MA Batch #: MA25311
Analyst: JOSHUAF
Date: 11/7/2010 12:33
Balance ID: 24
Reagents: See attached sheet
Thermometer ID: 130

Methods (Circle as appropriate)

SW846 7471A **EPA 245.5 CLP-M**

Type of Digestion: Hot Block: Start Time: _____ Temp: ____ End Time: _____ Temp: ____
Water Bath: Start Time:_____ Temp:_____ End Time:_____ Temp:_____
Autoclave: Start Time:_____ End Time:_____ Temp/Pressure:_____

Bot #	Sample ID	Initial Sample Wt. in g	Final Samp Vol ml	Spike Used Amount Spiked	Spike Used Added-Y or N	Spikelot and Conc (mg/L)	MP Number	Comments
33	JA58911-11	0.6069	100					
34	JA58911-10	0.6243						
35	JA59511-1	0.6557						
36	JA59511-2	0.6409						
37	JA59511-3	0.6088						
38	JA59511-4	0.6374						
39	JA59512-1	0.6152						
40	JA59512-3	0.6896						
41	JA59512-4	0.6763						
42	JA59544-1	0.6799						
	CCV			2.5 ml	Y	0.1		
	CCB							
43	JA59544-2	0.6945						
44	JA59544-4	0.6264						
45	JA59544-11	0.6709						
46	JA59544-32	0.6520						
47	JA59544-35	0.6796						
48	JA59544-40	0.6318						
49	JA59544-41	0.6629						
50	JA59544-42	0.6464						
51	JA59544-43	0.6561						
52	MP55511-MB2	0.6000					MP55511	
	CCV			2.5 ml	Y	0.1		
	CCB							
53	MP55511-LC2	0.1093						
54	JA59571-1	0.6850						
55	JA59571-3	0.6782						
56	JA59541-1A	0.6446						
57	JA59541-2A	0.6069						
58	JA59541-3A	0.6443						
59	JA59541-4A	0.6395						
60	JA60791-1	0.6583						
61	JA60791-2	0.6791						
62	JA60791-3	0.6510						
	CCV			2.5 ml	Y	0.1		
	CCB							
63	JA60791-4	0.6574						
64	JA60791-5	0.6652						
65								
66								

12.6.2 12

Form: GN-022F
Revision Date:06/09/08

ANALYST: _____ DATE: _____
QC REVIEWER: _____ DATE: _____

Inst QC: MA25311

ACCUTEST.

Mercury Digestion Log

Product: HG / HGCLP / HGLIQ
Matrix: Soil

MA Batch #: _____
Analyst: _____
Date: _____
Balance ID: 24
Reagents: See attached sheet
Thermometer ID: 130

Methods (Circle as appropriate)

SW846 7271A **EPA 245.5 CLP-M**

Type of Digestion: Hot Block: Start Time:_____Temp: _____End Time: _____Temp: _____
Water Bath: Start Time:_____ Temp:_____ End Time:_____ Temp:_____
Autoclave: Start Time:_____ End Time:_____ Temp/Pressure:_____

Bot #	Sample ID	Initial Sample Vol in ml	Final Sample Vol in ml	Spiked Used		Spikelot and Conc (mg/L)	MP Number	Comments
				Amount Spiked	Added-Y or N			
S-1	Calibration Blank	100 ml	100 ml	N/A	N	N/A	N/A	N/A
S-2	0.20 ug/l standard	100 ml	100 ml	2.0 ml	Y	0.0100	N/A	
S-3	0.50 ug/l standard	100 ml	100 ml	5.0 ml	Y	0.0100	N/A	
S-4	1.00 ug/l standard	100 ml	100 ml	1.0 ml	Y	0.1000	N/A	
S-5	2.50 ug/l standard	100 ml	100 ml	2.5 ml	Y	0.1000	N/A	
S-6	5.00 us/l standard	100 ml	100 ml	5.0 ml	Y	0.1000	N/A	

12.6.2 12

Analyst: _____ **Date:** _____
QC Reviewer: _____ **Date:** _____

Form: GN-022E
Rev. Date: 06/09/08

Inst QC: MA25311

WinHg Database 1.5

File Utility Help

Protocol PPB

Dataset/Proto accutest/PPB

Protocol | Line Info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A:

B: 1.70908e-4

C: 7.72208e-2

Rho: .999902

Type: Linear

Calibrated

Accepted

Accept

µ Abs: 29629

Accepted

New

Include S1 Rep 1 2 3 4 5

08-Nov-10 11:00

Conc. 5.00

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	.011	.011	388	1	387		
02	.20000	.192	-.008	1578	0%	1578		
03	.50000	.472	-.028	3211	0%	3211		
04	1.0000	1.05	.048	6585	0%	6584		
05	2.5000	2.51	.012	15153	0%	15152		
06	5.0000	4.99	-.013	29630	0%	29629		

Ready NUM

12.6.2

12

(9)

ODD

ACCUTEST

Aqueous Digestion Log MP Batch ID: MP55431
ICP DIGESTION METHOD: SW846 3010A
Heating Method: Digestion Block

Method Blank ID:		Prep Date: 11/1/10
Lab Control/Spike Blank ID:	Start Time: 12:00	Start Temp: 90°to 90° Thermometer ID #: 140
Lab Control Source:		
	End Time: 18:00	End Temp: 92°to 92°
DUP 1 Sample ID:	Acceptable temperature Ranges:	
DUP 2 Sample ID:	EPA 200.7	90 to 95 deg. C
MS 1 Sample ID: JA59326-1	SW846 3010A, 3020A, 3050B	90 to 95 deg. C
MS 2 Sample ID: JA59326 -1		

Note: Serial dilution shown for QC tracking only. Not a separate digestate.

Sample ID	Pres Y / N	Initial Sample Volume	Final Volume in ML	Acids Used Amount and Name	Acids Used Added - Y or N	Spikes Used Amount and Name	Spikes Used Added - Y or N	Comments
MP55431 -MB 1	N	50	50	3.0 ml conc. HNO3	Y			
MP -LC 1	Y			5.0 ml 1:1 HCL	Y			
MP -S 1						0.50 ml SP, 0.50 ml MIN1	Y	
MP -S 2						0.50 ml SP, 0.50 ml MIN1	Y	
MP -SD 1						1.0 ml odel	Y	
MP -B 1								
1 JA59326-1								
2 -2								
3 -3								
4 -4								
5 JA59327-1								
6 JA58768-1								
7 -2								
8 -3								
9 JA58771-11								
10 JA58900-5								
11 -6								
12 JA59305-2								
13 JA59366-1								
14 JA59373-9								
15 -16								
16 -33A								
17 JA59377-1								
18 -1F								
19 JA59397-1								
20 -2								
MB2								filter blank JA59377
						BM 11/1/10		

Analyst: [signature] 11/1/10 QC Reviewer: [signature] 11/1/10

Form AA018C-01
Rev. Date: 01/15/10

12.6.3 12

ACCUTEST.

Solid/Soil Digestion Log MP Batch ID: MP55449
ICP Digestion Method: SW846 3050B
Heating Method: Digestion Block

Method Blank ID:	MP55449-MB1	**Prep Date : 11/02/2010**	
Lab Control/Spike Blank ID:		**Start Time** 9:00 **Start Temp** 93+0=93	**Therm ID:** 118
Lab Control Source:			
Balance ID:	B26	**End Time** 15:00	**End Temp:** 94+0=94
DUP 1 Sample ID:		**Acceptable temperature Ranges:**	
DUP 2 Sample ID:		EPA 200.7	90 to 95 deg. C
MS 1 Sample ID:	JA58900-3	SW846 3010A, 3020A, 3050B	90 to 95 deg. C
MS 2 Sample ID:	JA58900-3	CLP SOW	92 to 95 deg. C

* Serial dilutions shown on this form are not a separate digestion, but are shown for QC tracking purposes only

Sample ID	Wet Weight in G	% SOL	Final Volume in ML	Acids Used Amount and Name	Acids Used Added - Y or N	Spikes Used Amount and Name	Spikes Used Added - Y or N	Comments
MP55449-MB1	1.000		100	10ml (1:1) HNO3	Y	2.0ml Sp	Y	
MP55449-B1	1.000		100	5ml conc HNO3	Y	2.0 ml MIN2	Y	
MP55449-S2	0.987		100	5ml 30% H2O2	Y	1.0ml Odd Spike	Y	
MP55449-S1	1.005		100	10ml conc HCl	Y			
MP55449-SD1	1.002		100					
JA58900-1	1.037		100					
JA58900-10	1.050		100					
JA58900-11	1.025		100					
JA58900-12	1.017		100					
JA58900-14	1.006		100					
JA58900-2	1.015		100					
JA58900-3	1.002		100					
JA58900-4	1.047		100					
JA58900-7	0.990		100					
JA58900-8	1.011		100					
JA58900-9	0.968		100					
JA58948-1A	0.986		100					
JA58949-1A	0.969		100					
JA60290-1	1.038		100					
JA60290-13	1.023		100					
JA60290-16	1.005		100					
JA60290-17	0.991		100					
JA60290-18	1.009		100					
JA60290-19	0.992		100					

11/2/10

11/2/10 **QC Reviewer:** 11/2/10

Rev. Date: 06/09/08
FORM: AA-18B

12.6.4 **12**

New Jersey
ACCUTEST
LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries
- Instrument Runlogs/QC
- Percent Solids Raw Data Summary

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chloride	GP56100/GN44014	2.0	0.0	mg/l	80	81.7	102.1	90-110%
Chloride	GP56125/GN44117	20	0.0	mg/kg	800	819	102.4	90-110%
Chromium, Hexavalent	GN43432	0.010	0.0	mg/l	.15	0.15	100.0	90-110%
Chromium, Hexavalent	GP56076/GN44187	0.40	0.0	mg/kg	40	36.5	91.3	80-120%
Chromium, Hexavalent	GP56076/GN44187			mg/kg	926.7	978	105.5	80-120%
Cyanide	GP55945/GN43597	0.24	0.0	mg/kg	1	0.954	95.4	90-110%
Cyanide	GP55987/GN43793	0.24	0.0	mg/kg	1	0.949	94.9	90-110%
Cyanide	GP56007/GN43793	0.24	0.0	mg/kg	1	0.986	98.6	90-110%
Nitrogen, Nitrate + Nitrite	GP56059/GN43947	20	0.0	mg/kg	200	195	97.5	80-120%
Sulfate	GP56100/GN44014	10	0.0	mg/l	80	81.4	101.8	90-110%
Sulfate	GP56125/GN44117	100	0.0	mg/kg	800	861	107.6	90-110%
Total Organic Carbon	GP56112/GN44066	1.0	0.0	mg/l	10	9.69	96.9	90-110%
Total Organic Carbon	GP56130/GN44154	1000	0.00	mg/kg	20000	21100	105.5	80-120%

Associated Samples:
Batch GN43432: JA58900-5, JA58900-6
Batch GP55945: JA58900-10, JA58900-11, JA58900-7, JA58900-8, JA58900-9
Batch GP55987: JA58900-1, JA58900-14, JA58900-2, JA58900-3, JA58900-4
Batch GP56007: JA58900-12
Batch GP56059: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
Batch GP56076: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
Batch GP56100: JA58900-5, JA58900-6
Batch GP56112: JA58900-5, JA58900-6
Batch GP56125: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
Batch GP56130: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
(*) Outside of QC limits

13.1

13

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chloride	GP56100/GN44014	JA59336-1	mg/l	2.1	2.1	0.0	0-20%
Chloride	GP56125/GN44117	JA58900-3	mg/kg	1.2	1.1	8.7	0-20%
Chromium, Hexavalent	GP56076/GN44187	JA58900-3	mg/kg	0.0	0.0	0.0	0-20%
Cyanide	GP55945/GN43597	JA58750-11	mg/kg	0.0	0.0	0.0	0-37%
Cyanide	GP55987/GN43793	JA58900-3	mg/kg	0.0	0.0	0.0	0-37%
Cyanide	GP56007/GN43793	JA59199-12	mg/kg	0.028 U	0.0	0.0	0-37%
Nitrogen, Nitrate + Nitrite	GP56059/GN43947	JA58900-3	mg/kg	0.0	0.0	0.0	0-41%
Redox Potential Vs H2	GN44201	JA59571-3A	mv	458	523	13.3	0-17%
Sulfate	GP56100/GN44014	JA59336-1	mg/l	42.2	42.2	0.0	0-20%
Sulfate	GP56125/GN44117	JA58900-3	mg/kg	27.2	29.5	8.1	0-20%
Total Organic Carbon	GP56130/GN44154	JA58900-3	mg/kg	12600	11900	5.7	0-39%
pH	GN44202	JA59571-3A	su	9.09	8.81	2.2	0-10%

Associated Samples:
Batch GN44201: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
Batch GN44202: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
Batch GP55945: JA58900-10, JA58900-11, JA58900-7, JA58900-8, JA58900-9
Batch GP55987: JA58900-1, JA58900-14, JA58900-2, JA58900-3, JA58900-4
Batch GP56007: JA58900-12
Batch GP56059: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
Batch GP56076: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
Batch GP56100: JA58900-5, JA58900-6
Batch GP56125: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
Batch GP56130: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
(*) Outside of QC limits

13.2
13

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chloride	GP56100/GN44014	JA59336-1	mg/l	2.1	80	83.8	102.1	80-120%
Chloride	GP56125/GN44117	JA58900-3	mg/kg	1.2	1060	1060	100.0	80-120%
Chromium, Hexavalent	GP56076/GN44187	JA58900-3	mg/kg	0.0	53.1	1.6	3.0N(a)	75-125%
Chromium, Hexavalent	GP56076/GN44187	JA58900-3	mg/kg	0.0	1010	645	64.1N(b)	75-125%
Cyanide	GP55945/GN43597	JA58900-7	mg/kg	0.0	1.24	1.1	88.7	20-159%
Cyanide	GP55987/GN43793	JA58900-3	mg/kg	0.0	1.34	1.6	119.7	20-159%
Cyanide	GP56007/GN43793	JA58900-12	mg/kg	0.032	1.35	1.4	101.5	20-159%
Nitrogen, Nitrate + Nitrite	GP56059/GN43947	JA58900-3	mg/kg	0.0	262	235	89.6	41-141%
Sulfate	GP56100/GN44014	JA59336-1	mg/l	42.2	80	124	102.3	80-120%
Sulfate	GP56125/GN44117	JA58900-3	mg/kg	27.2	1060	1160	107.0	80-120%
Total Organic Carbon	GP56112/GN44066	JA59906-2	mg/l	4.2	10	14.7	105.0	77-123%
Total Organic Carbon	GP56130/GN44154	JA58900-3	mg/kg	12600	25700	34600	85.7	41-135%

Associated Samples:
Batch GP55945: JA58900-10, JA58900-11, JA58900-7, JA58900-8, JA58900-9
Batch GP55987: JA58900-1, JA58900-14, JA58900-2, JA58900-3, JA58900-4
Batch GP56007: JA58900-12
Batch GP56059: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
Batch GP56076: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
Batch GP56100: JA58900-5, JA58900-6
Batch GP56112: JA58900-5, JA58900-6
Batch GP56125: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
Batch GP56130: JA58900-1, JA58900-10, JA58900-11, JA58900-12, JA58900-14, JA58900-2, JA58900-3, JA58900-4, JA58900-7, JA58900-8, JA58900-9
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Soluble XCR matrix spike recovery indicates possible matrix interference. Good post spike recovery (96.9_%) on this sample.
(b) Insoluble XCR matrix spike recovery indicates possible matrix interference. See additional comments on soluble matrix spike recovery.

13.3

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Total Organic Carbon	GP56112/GN44066	JA59906-2	mg/l	4.2	10	14.6	0.7	20%

Associated Samples:
Batch GP56112: JA58900-5, JA58900-6
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

13.4 13

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C102010W2.CN Date Analyzed: 10/20/10 Methods: SW846 9012 M/LACHAT
Analyst: VA Run ID: GN43597
Parameters: Cyanide

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:11	GN43597-STD1	1		STDA
14:13	GN43597-STD2	1		STDB
14:14	GN43597-STD3	1		STDC
14:15	GN43597-STD4	1		STDD
14:16	GN43597-STD5	1		STDE
14:17	GN43597-STD6	1		STDF
14:19	GN43597-STD7	1		STDG
14:20	GN43597-ICV1	1		
14:21	GN43597-ICB1	1		
14:22	GN43597-CCV1	1		
14:49	GN43597-ICV2	1		
14:50	GN43597-ICB2	1		
14:51	GN43597-CCV2	1		
14:52	GN43597-CCB1	1		
14:53	GP55943-MB1	1		
14:55	GP55943-B1	1		Blank spike fail. Low.
14:56	GP55943-S1	1		Blank spike fail. Low.
14:57	GP55943-S2	1		Blank spike fail. Low.
14:58	GP55943-D1	1		Blank spike fail. Low.
14:59	ZZZZZZ	1		
15:01	ZZZZZZ	1		
15:02	JA58750-1	1		(sample used for QC only; not part of login JA58900)
15:03	ZZZZZZ	1		
15:04	ZZZZZZ	1		
15:05	GN43597-CCV3	1		
15:06	GN43597-CCB2	1		
15:08	ZZZZZZ	1		
15:09	ZZZZZZ	1		
15:10	ZZZZZZ	1		
15:11	ZZZZZZ	1		
15:12	ZZZZZZ	1		
15:14	ZZZZZZ	1		
15:15	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C102010W2.CN Date Analyzed: 10/20/10 Methods: SW846 9012 M/LACHAT
Analyst: VA Run ID: GN43597
Parameters: Cyanide

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:16	ZZZZZZ	1		
15:17	JA58710-3	1		(sample used for QC only; not part of login JA58900)
15:18	ZZZZZZ	1		
15:19	GN43597-CCV4	1		
15:21	GN43597-CCB3	1		
15:22	ZZZZZZ	1		
15:23	ZZZZZZ	1		
15:24	ZZZZZZ	1		
15:25	ZZZZZZ	1		
15:27	ZZZZZZ	1		
15:28	GP55943-MB1	1		
15:29	GP55944-MB1	1		
15:30	GP55944-B1	1		
15:31	GP55944-S1	1		%sol
15:33	GP55944-S2	1		%sol
15:34	GN43597-CCV5	1		
15:35	GN43597-CCB4	1		
15:36	GP55944-D1	1		%sol
15:37	JA58710-14	1		(sample used for QC only; not part of login JA58900)
15:38	ZZZZZZ	1		
15:40	ZZZZZZ	1		
15:41	JA58675-1A	1		(sample used for QC only; not part of login JA58900)
15:42	ZZZZZZ	1		
15:43	ZZZZZZ	1		
15:44	ZZZZZZ	1		
15:45	ZZZZZZ	1		
15:47	ZZZZZZ	1		
15:48	GN43597-CCV6	1		
15:49	GN43597-CCB5	1		
15:50	ZZZZZZ	1		
15:51	ZZZZZZ	1		
15:53	ZZZZZZ	1		
15:54	ZZZZZZ	1		

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Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C102010W2.CN Date Analyzed: 10/20/10 Methods: SW846 9012 M/LACHAT
Analyst: VA Run ID: GN43597
Parameters: Cyanide

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:55	ZZZZZZ	1		
15:56	ZZZZZZ	1		
15:57	ZZZZZZ	1		
15:58	ZZZZZZ	1		
16:00	ZZZZZZ	1		
16:01	ZZZZZZ	1		
16:02	GN43597-CCV7	1		
16:03	GN43597-CCB6	1		
16:04	ZZZZZZ	1		
16:06	GP55945-MB1	1		
16:07	GP55945-B1	1		
16:08	GP55945-S1	1		%sol
16:09	GP55945-S2	1		%sol
16:10	GP55945-D1	1		%sol
16:12	ZZZZZZ	1		
16:13	ZZZZZZ	1		
16:14	ZZZZZZ	1		
16:15	ZZZZZZ	1		
16:16	GN43597-CCV8	1		
16:17	GN43597-CCB7	1		
16:19	ZZZZZZ	1		
16:20	JA58750-11	1		(sample used for QC only; not part of login JA58900)
16:21	ZZZZZZ	1		
16:23	ZZZZZZ	1		
16:25	ZZZZZZ	1		
16:26	ZZZZZZ	1		
16:27	ZZZZZZ	1		
16:28	ZZZZZZ	1		
16:29	ZZZZZZ	1		
16:30	GN43597-CCV9	1		
16:32	GN43597-CCB8	1		
16:33	JA58900-7	1		%sol
16:34	JA58900-8	1		%sol

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C102010W2.CN Date Analyzed: 10/20/10 Methods: SW846 9012 M/LACHAT
Analyst: VA Run ID: GN43597
Parameters: Cyanide

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:35	JA58900-9	1		%sol
16:36	JA58900-10	1		%sol
16:38	JA58900-11	1		%sol
16:41	GN43597-CCV10	1		
16:42	GN43597-CCB9	1		

Refer to raw data for calibration curve and standards.

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Instrument QC Summary
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C102010W2.CN
Date Analyzed: 10/20/10
Run ID: GN43597
Methods: SW846 9012 M/LACHAT
Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN43597-ICV2	Cyanide	0.29	0.020	0.0021	.3	96.7	90-110
GN43597-ICB2	Cyanide	-0.0021	0.020	0.0021			
GN43597-CCV2	Cyanide	0.39	0.020	0.0021	.4	97.5	90-110
GN43597-CCB1	Cyanide	-0.0048	0.020	0.0021			
GN43597-CCV3	Cyanide	0.39	0.020	0.0021	.4	97.5	90-110
GN43597-CCB2	Cyanide	-0.0047	0.020	0.0021			
GN43597-CCV4	Cyanide	0.39	0.020	0.0021	.4	97.5	90-110
GN43597-CCB3	Cyanide	-0.0035	0.020	0.0021			
GN43597-CCV5	Cyanide	0.39	0.020	0.0021	.4	97.5	90-110
GN43597-CCB4	Cyanide	-0.0041	0.020	0.0021			
GN43597-CCV6	Cyanide	0.40	0.020	0.0021	.4	100.0	90-110
GN43597-CCB5	Cyanide	-0.0045	0.020	0.0021			
GN43597-CCV7	Cyanide	0.39	0.020	0.0021	.4	97.5	90-110
GN43597-CCB6	Cyanide	-0.0040	0.020	0.0021			
GN43597-CCV8	Cyanide	0.39	0.020	0.0021	.4	97.5	90-110
GN43597-CCB7	Cyanide	-0.0042	0.020	0.0021			
GN43597-CCV9	Cyanide	0.39	0.020	0.0021	.4	97.5	90-110
GN43597-CCB8	Cyanide	-0.0043	0.020	0.0021			
GN43597-CCV10	Cyanide	0.38	0.020	0.0021	.4	95.0	90-110
GN43597-CCB9	Cyanide	-0.0042	0.020	0.0021			

(!) Outside of QC limits

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Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C102510W1.CN Date Analyzed: 10/25/10 Methods: SW846 9012 M/LACHAT, SW846 CHAP7/9012 B, SW846 C
Analyst: NP Run ID: GN43793
Parameters: Cyanide

Time	Sample Description	Dilution Factor	PS Recov	Comments
12:43	GN43793-STD1	1		STDA
12:44	GN43793-STD2	1		STDB
12:45	GN43793-STD3	1		STDC
12:46	GN43793-STD4	1		STDD
12:47	GN43793-STD5	1		STDE
12:49	GN43793-STD6	1		STDF
12:50	GN43793-STD7	1		STDG
12:51	GN43793-ICV1	1		
12:52	GN43793-ICB1	1		
12:53	GN43793-CCV1	1		
12:54	GN43793-CCB1	1		
12:56	GP55943-MB2	1		
12:57	GP55943-B2	1		
12:58	GP55943-S1	1		%sol
12:59	GP55943-S2	1		
13:00	GP55943-D1	1		%sol
13:02	ZZZZZZ	1		
13:03	ZZZZZZ	1		
13:04	JA58750-1	1		(sample used for QC only; not part of login JA58900)
13:05	ZZZZZZ	1		
13:06	ZZZZZZ	1		
13:07	GN43793-CCV2	1		
13:09	GN43793-CCB2	1		
13:10	ZZZZZZ	1		
13:11	ZZZZZZ	1		
13:12	ZZZZZZ	1		
13:13	ZZZZZZ	1		
13:15	ZZZZZZ	1		
13:16	ZZZZZZ	1		
13:17	ZZZZZZ	1		
13:18	ZZZZZZ	1		
13:19	JA58710-3	1		(sample used for QC only; not part of login JA58900)
13:20	ZZZZZZ	1		

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Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C102510W1.CN Date Analyzed: 10/25/10 Methods: SW846 9012 M/LACHAT, SW846 CHAP7/9012 B, SW846 C
Analyst: NP Run ID: GN43793
Parameters: Cyanide

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:22	GN43793-CCV3	1		
13:23	GN43793-CCB3	1		
13:24	ZZZZZZ	1		
13:25	ZZZZZZ	1		
13:26	ZZZZZZ	1		
13:28	ZZZZZZ	1		
13:30	ZZZZZZ	1		
13:31	GP56007-MB1	1		
13:32	GP56007-B1	1		
13:34	GP56007-S1	1		%sol
13:35	GP56007-S2	1		%sol
13:36	GN43793-CCV4	1		
13:37	GN43793-CCB4	1		
13:38	GP56007-D1	1		%sol
13:39	ZZZZZZ	1		
13:41	JA58900-12	1		%sol
13:42	ZZZZZZ	1		
13:43	ZZZZZZ	1		
13:44	ZZZZZZ	1		
13:45	ZZZZZZ	1		
13:47	ZZZZZZ	1		
13:48	ZZZZZZ	1		
13:49	ZZZZZZ	1		
13:50	GN43793-CCV5	1		
13:51	GN43793-CCB5	1		
13:52	JA59199-12	1		(sample used for QC only; not part of login JA58900)
13:54	ZZZZZZ	1		
13:55	ZZZZZZ	1		
13:56	ZZZZZZ	1		
13:57	ZZZZZZ	1		
13:58	ZZZZZZ	1		
13:59	ZZZZZZ	1		
14:01	ZZZZZZ	1		

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Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C102510W1.CN Date Analyzed: 10/25/10 Methods: SW846 9012 M/LACHAT, SW846 CHAP7/9012 B, SW846 C
Analyst: NP Run ID: GN43793
Parameters: Cyanide

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:02	GP55987-MB1	1		
14:03	GP55987-B1	1		
14:04	GN43793-CCV6	1		
14:05	GN43793-CCB6	1		
14:07	GP55987-S1	1		%sol
14:08	GP55987-S2	1		
14:09	GP55987-D1	1		%sol
14:10	JA58815-1A	1		(sample used for QC only; not part of login JA58900)
14:11	ZZZZZZ	1		
14:13	ZZZZZZ	1		
14:14	ZZZZZZ	1		
14:15	ZZZZZZ	1		
14:16	ZZZZZZ	1		
14:17	ZZZZZZ	1		
14:18	GN43793-CCV7	1		
14:20	GN43793-CCB7	1		
14:21	ZZZZZZ	1		
14:22	ZZZZZZ	1		
14:23	ZZZZZZ	1		
14:24	ZZZZZZ	1		
14:26	ZZZZZZ	1		
14:27	ZZZZZZ	1		
14:28	ZZZZZZ	1		
14:29	ZZZZZZ	1		
14:30	JA58900-1	1		%sol
14:32	JA58900-2	1		%sol
14:33	GN43793-CCV8	1		
14:34	GN43793-CCB8	1		
14:35	JA58900-3	1		%sol
14:36	JA58900-4	1		%sol
14:37	JA58900-14	1		%sol
14:39	GP56009-MB1	1		
14:40	GP56009-B1	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C102510W1.CN Date Analyzed: 10/25/10 Methods: SW846 9012 M/LACHAT, SW846 CHAP7/9012 B, SW846 C
Analyst: NP Run ID: GN43793
Parameters: Cyanide

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:41	GP56009-D1	1		%sol
14:42	ZZZZZZ	1		
14:43	ZZZZZZ	1		
14:44	ZZZZZZ	1		
14:46	ZZZZZZ	1		
14:47	GN43793-CCV9	1		
14:48	GN43793-CCB9	1		
14:49	ZZZZZZ	1		
14:50	JA58914-1	1		(sample used for QC only; not part of login JA58900)
14:52	ZZZZZZ	1		
14:53	ZZZZZZ	1		
14:54	ZZZZZZ	1		
14:55	ZZZZZZ	1		
14:56	ZZZZZZ	1		
14:57	ZZZZZZ	1		
14:59	ZZZZZZ	1		
15:00	ZZZZZZ	1		
15:01	GN43793-CCV10	1		
15:02	GN43793-CCB10	1		
15:03	ZZZZZZ	1		
15:05	GP55843-MB3	1		
15:05	GP56009-MB2	1		
15:06	GP55843-B3	1		
15:06	GP56009-B2	1		
15:07	ZZZZZZ	1		
15:08	ZZZZZZ	1		
15:09	ZZZZZZ	1		
15:11	ZZZZZZ	1		
15:12	ZZZZZZ	1		
15:13	ZZZZZZ	1		
15:16	GN43793-CCV11	1		
15:17	GN43793-CCB11	1		
16:08	GN43793-CCV12	1		

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Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C102510W1.CN Date Analyzed: 10/25/10 Methods: SW846 9012 M/LACHAT, SW846 CHAP7/9012 B, SW846 C
Analyst: NP Run ID: GN43793
Parameters: Cyanide

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:10	GN43793-CCB12	1		
16:11	ZZZZZZ	1		
16:14	GN43793-CCV13	1		
16:15	GN43793-CCB13	1		

Refer to raw data for calibration curve and standards.

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Instrument QC Summary
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C102510W1.CN Date Analyzed: 10/25/10 Methods: SW846 9012 M/LACHAT, SW846 CHAP7/9012 B, SW846 C
Run ID: GN43793 Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN43793-ICV1	Cyanide	0.33	0.020	0.0021	.3	110.0	90-110
GN43793-ICB1	Cyanide	-0.0051	0.020	0.0021			
GN43793-CCV1	Cyanide	0.42	0.020	0.0021	.4	105.0	90-110
GN43793-CCB1	Cyanide	-0.0047	0.020	0.0021			
GN43793-CCV2	Cyanide	0.42	0.020	0.0021	.4	105.0	90-110
GN43793-CCB2	Cyanide	-0.0043	0.020	0.0021			
GN43793-CCV3	Cyanide	0.43	0.020	0.0021	.4	107.5	90-110
GN43793-CCB3	Cyanide	-0.0043	0.020	0.0021			
GN43793-CCV4	Cyanide	0.43	0.020	0.0021	.4	107.5	90-110
GN43793-CCB4	Cyanide	-0.0049	0.020	0.0021			
GN43793-CCV5	Cyanide	0.43	0.020	0.0021	.4	107.5	90-110
GN43793-CCB5	Cyanide	-0.0045	0.020	0.0021			
GN43793-CCV6	Cyanide	0.43	0.020	0.0021	.4	107.5	90-110
GN43793-CCB6	Cyanide	-0.0041	0.020	0.0021			
GN43793-CCV7	Cyanide	0.43	0.020	0.0021	.4	107.5	90-110
GN43793-CCB7	Cyanide	-0.0041	0.020	0.0021			
GN43793-CCV8	Cyanide	0.43	0.020	0.0021	.4	107.5	90-110
GN43793-CCB8	Cyanide	-0.0038	0.020	0.0021			
GN43793-CCV9	Cyanide	0.43	0.020	0.0021	.4	107.5	90-110
GN43793-CCB9	Cyanide	-0.0047	0.020	0.0021			
GN43793-CCV10	Cyanide	0.43	0.020	0.0021	.4	107.5	90-110
GN43793-CCB10	Cyanide	-0.0044	0.020	0.0021			
GN43793-CCV11	Cyanide	0.43	0.020	0.0021	.4	107.5	90-110
GN43793-CCB11	Cyanide	-0.0041	0.020	0.0021			
GN43793-CCV12	Cyanide	0.41	0.020	0.0021	.4	102.5	90-110
GN43793-CCB12	Cyanide	-0.0039	0.020	0.0021			
GN43793-CCV13	Cyanide	0.41	0.020	0.0021	.4	102.5	90-110
GN43793-CCB13	Cyanide	-0.0045	0.020	0.0021			

(!) Outside of QC limits

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Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: B102810W1.NO3 Date Analyzed: 10/28/10 Methods: EPA 353.2 M/LACHAT, EPA 353.2/LACHAT
Analyst: NP Run ID: GN43947
Parameters: Nitrogen, Nitrate + Nitrite

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:55	GN43947-STD1	1		STDA
09:55	GN43947-STD2	1		STDB
09:56	GN43947-STD3	1		STDC
09:57	GN43947-STD4	1		STDD
09:58	GN43947-STD5	1		STDE
09:59	GN43947-STD6	1		STDF
10:00	GN43947-STD7	1		STDG
10:01	GN43947-ICV1	1		
10:02	GN43947-ICB1	1		
10:03	GN43947-CCV1	1		
10:04	GN43947-CCB1	1		
10:05	GP56070-MB1	1		
10:05	GP56070-B1	1		
10:06	GP56070-S1	1		
10:07	GP56070-S2	1		SEE RERUN. MIGHT HAVE WRONG SPIKE.
10:08	GP56070-D1	1		
10:09	ZZZZZZ	1		
10:10	ZZZZZZ	1		
10:11	ZZZZZZ	1		
10:11	ZZZZZZ	1		
10:12	ZZZZZZ	1		
10:13	GN43947-CCV2	1		
10:14	GN43947-CCB2	1		
10:15	JA59826-2	1		(sample used for QC only; not part of login JA58900)
10:15	ZZZZZZ	1		
10:16	ZZZZZZ	1		
10:17	JA59336-1	1		(sample used for QC only; not part of login JA58900)
10:18	ZZZZZZ	1		
10:19	ZZZZZZ	1		
10:20	ZZZZZZ	1		
10:20	ZZZZZZ	1		
10:21	ZZZZZZ	1		
10:22	ZZZZZZ	1		

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Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: B102810W1.NO3 Date Analyzed: 10/28/10 Methods: EPA 353.2 M/LACHAT, EPA 353.2/LACHAT
Analyst: NP Run ID: GN43947
Parameters: Nitrogen, Nitrate + Nitrite

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:23	GN43947-CCV3	1		
10:24	GN43947-CCB3	1		
10:25	ZZZZZZ	1		
10:25	ZZZZZZ	1		
10:26	ZZZZZZ	1		
10:27	ZZZZZZ	1		
10:28	ZZZZZZ	1		
10:29	GP56071-MB1	1		
10:30	GP56071-B1	1		
10:31	GP56071-S1	1		
10:31	GP56071-S2	1		
10:32	GP56071-D1	1		
10:33	GN43947-CCV4	1		
10:34	GN43947-CCB4	1		
10:35	ZZZZZZ	1		
10:36	ZZZZZZ	1		
10:36	JA59341-4	1		(sample used for QC only; not part of login JA58900)
10:37	ZZZZZZ	1		
10:38	ZZZZZZ	1		
10:39	ZZZZZZ	1		
10:40	ZZZZZZ	1		
10:41	ZZZZZZ	1		
10:41	ZZZZZZ	1		
10:42	ZZZZZZ	1		
10:43	GN43947-CCV5	1		
10:44	GN43947-CCB5	1		
10:45	ZZZZZZ	1		
10:46	ZZZZZZ	1		
10:46	JA59406-21	1		(sample used for QC only; not part of login JA58900)
10:47	ZZZZZZ	1		
10:48	ZZZZZZ	1		
10:49	ZZZZZZ	1		
10:50	ZZZZZZ	1		

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Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: B102810W1.NO3 Date Analyzed: 10/28/10 Methods: EPA 353.2 M/LACHAT, EPA 353.2/LACHAT
Analyst: NP Run ID: GN43947
Parameters: Nitrogen, Nitrate + Nitrite

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:51	ZZZZZZ	1		
10:51	ZZZZZZ	1		
10:52	ZZZZZZ	1		
10:53	GN43947-CCV6	1		
10:54	GN43947-CCB6	1		
10:55	GP56059-MB1	1		
10:56	GP56059-B1	1		
10:56	GP56059-S1	1		%sol
10:57	GP56059-D1	1		%sol
10:58	JA58900-1	1		%sol
10:59	JA58900-2	1		%sol
11:00	JA58900-3	1		%sol
11:01	JA58900-4	1		%sol
11:01	JA58900-7	1		%sol
11:02	JA58900-8	1		%sol
11:03	GN43947-CCV7	1		
11:04	GN43947-CCB7	1		
11:05	JA58900-9	1		%sol
11:06	JA58900-10	1		%sol
11:06	JA58900-11	1		%sol
11:07	JA58900-12	1		%sol
11:08	JA58900-14	1		%sol
11:09	ZZZZZZ	1		
11:10	ZZZZZZ	1		
11:11	ZZZZZZ	10		
11:11	ZZZZZZ	20		
11:12	GP56070-S2	1		
11:13	GN43947-CCV8	1		
11:14	GN43947-CCB8	1		
11:15	ZZZZZZ	5		
11:17	GN43947-CCV9	1		
11:18	GN43947-CCB9	1		
11:24	GN43947-CCV10	1		

13.7 13

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: B102810W1.NO3 Date Analyzed: 10/28/10 Methods: EPA 353.2 M/LACHAT, EPA 353.2/LACHAT
Analyst: NP Run ID: GN43947
Parameters: Nitrogen, Nitrate + Nitrite

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:25	GN43947-CCB10	1		
11:26	JA59336-1	1		(sample used for QC only; not part of login JA58900)
11:28	GN43947-CCV11	1		
11:29	GN43947-CCB11	1		

Refer to raw data for calibration curve and standards.

13.7

Instrument QC Summary
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: B102810W1.NO3 Date Analyzed: 10/28/10 Methods: EPA 353.2 M/LACHAT, EPA 353.2/LACHAT
Run ID: GN43947 Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN43947-ICV1	Nitrogen, Nitrate + Nitrite	1.9	0.10	0.0050	2	95.0	90-110
GN43947-ICB1	Nitrogen, Nitrate + Nitrite	-0.011	0.10	0.0050			
GN43947-CCV1	Nitrogen, Nitrate + Nitrite	2.6	0.10	0.0050	2.5	104.0	90-110
GN43947-CCB1	Nitrogen, Nitrate + Nitrite	-0.012	0.10	0.0050			
GN43947-CCV2	Nitrogen, Nitrate + Nitrite	2.6	0.10	0.0050	2.5	104.0	90-110
GN43947-CCB2	Nitrogen, Nitrate + Nitrite	-0.0082	0.10	0.0050			
GN43947-CCV3	Nitrogen, Nitrate + Nitrite	2.6	0.10	0.0050	2.5	104.0	90-110
GN43947-CCB3	Nitrogen, Nitrate + Nitrite	-0.0091	0.10	0.0050			
GN43947-CCV4	Nitrogen, Nitrate + Nitrite	2.6	0.10	0.0050	2.5	104.0	90-110
GN43947-CCB4	Nitrogen, Nitrate + Nitrite	-0.0094	0.10	0.0050			
GN43947-CCV5	Nitrogen, Nitrate + Nitrite	2.5	0.10	0.0050	2.5	100.0	90-110
GN43947-CCB5	Nitrogen, Nitrate + Nitrite	-0.0087	0.10	0.0050			
GN43947-CCV6	Nitrogen, Nitrate + Nitrite	2.5	0.10	0.0050	2.5	100.0	90-110
GN43947-CCB6	Nitrogen, Nitrate + Nitrite	-0.0082	0.10	0.0050			
GN43947-CCV7	Nitrogen, Nitrate + Nitrite	2.4	0.10	0.0050	2.5	96.0	90-110
GN43947-CCB7	Nitrogen, Nitrate + Nitrite	-0.012	0.10	0.0050			
GN43947-CCV8	Nitrogen, Nitrate + Nitrite	2.5	0.10	0.0050	2.5	100.0	90-110
GN43947-CCB8	Nitrogen, Nitrate + Nitrite	-0.0079	0.10	0.0050			
GN43947-CCV9	Nitrogen, Nitrate + Nitrite	2.5	0.10	0.0050	2.5	100.0	90-110
GN43947-CCB9	Nitrogen, Nitrate + Nitrite	-0.0085	0.10	0.0050			
GN43947-CCV10	Nitrogen, Nitrate + Nitrite	2.5	0.10	0.0050	2.5	100.0	90-110
GN43947-CCB10	Nitrogen, Nitrate + Nitrite	-0.0083	0.10	0.0050			
GN43947-CCV11	Nitrogen, Nitrate + Nitrite	2.5	0.10	0.0050	2.5	100.0	90-110
GN43947-CCB11	Nitrogen, Nitrate + Nitrite	-0.0081	0.10	0.0050			

(!) Outside of QC limits

13.7 13

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: 310102901.TXT Date Analyzed: 10/29/10 Methods: EPA 300/SW846 9056
Analyst: MS Run ID: GN44014
Parameters: Chloride,Sulfate

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:43	GN44014-STD1	1		Manually integrated chrom. peaks reviewed and verified to comply with criteria of Accutest SOP EQA044.
10:05	GN44014-STD2	1		STDB
10:26	GN44014-STD3	1		STDC
10:47	GN44014-STD4	1		STDD
11:09	GN44014-STD5	1		STDE
11:30	GN44014-STD6	1		STDF
11:52	GN44014-STD7	1		STDG
09:07	GN44014-ICV1	1		
09:29	GN44014-CCV1	1		
09:50	GN44014-CCB1	1		
10:12	GP56100-MB1	1		
10:33	GP56100-B1	1		
10:54	ZZZZZZ	1		
11:16	ZZZZZZ	1		
11:37	ZZZZZZ	1		
11:59	GP56100-S1	1		
12:20	GP56100-D1	1		
12:41	JA59336-1	1		(sample used for QC only; not part of login JA58900)
13:03	ZZZZZZ	1		
13:24	ZZZZZZ	1		
13:46	GN44014-CCV2	1		
14:07	GN44014-CCB2	1		
14:28	ZZZZZZ	1		
14:50	ZZZZZZ	1		
15:11	GP56100-S2	1		
15:33	JA59336-7	1		(sample used for QC only; not part of login JA58900)
15:54	ZZZZZZ	1		
16:15	ZZZZZZ	1		
16:37	ZZZZZZ	1		
16:58	ZZZZZZ	1		
17:20	ZZZZZZ	1		
17:41	ZZZZZZ	1		
18:02	GN44014-CCV3	1		

13.8

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: 310102901.TXT Date Analyzed: 10/29/10 Methods: EPA 300/SW846 9056
Analyst: MS Run ID: GN44014
Parameters: Chloride,Sulfate

Time	Sample Description	Dilution Factor	PS Recov	Comments
18:24	GN44014-CCB3	1		
18:45	JA58900-5	1		
19:07	JA58900-6	1		
19:28	ZZZZZZ	2		
19:50	GP56001-MB2	1		
20:11	GP56001-B2	1		
20:32	ZZZZZZ	1		
20:54	ZZZZZZ	1		
21:15	ZZZZZZ	1		
21:37	ZZZZZZ	1		
21:58	ZZZZZZ	1		
22:19	GN44014-CCV4	1		
22:41	GN44014-CCB4	1		
23:02	ZZZZZZ	1		
23:24	GP56001-S2	1		
23:45	JA59341-7	1		(sample used for QC only; not part of login JA58900)
00:06	ZZZZZZ	1		
00:28	ZZZZZZ	1		
00:49	ZZZZZZ	1		
01:11	GN44014-CCV5	1		
01:32	GN44014-CCB5	1		

Refer to raw data for calibration curve and standards.

13.8 13

Instrument QC Summary
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: 310102901.TXT Date Analyzed: 10/29/10 Methods: EPA 300/SW846 9056
Run ID: GN44014 Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN44014-ICV1	Chloride	103	2.0	0.0098	101.55	101.4	90-110
GN44014-ICV1	Sulfate	104	10	0.13	103.17	100.8	90-110
GN44014-CCV1	Chloride	202	2.0	0.0098	200	101.0	90-110
GN44014-CCV1	Sulfate	200	10	0.13	200	100.0	90-110
GN44014-CCB1	Chloride	0.0098 U	2.0	0.0098			
GN44014-CCB1	Sulfate	0.13 U	10	0.13			
GN44014-CCV2	Chloride	203	2.0	0.0098	200	101.5	90-110
GN44014-CCV2	Sulfate	203	10	0.13	200	101.5	90-110
GN44014-CCB2	Chloride	0.0098 U	2.0	0.0098			
GN44014-CCB2	Sulfate	0.13 U	10	0.13			
GN44014-CCV3	Chloride	202	2.0	0.0098	200	101.0	90-110
GN44014-CCV3	Sulfate	201	10	0.13	200	100.5	90-110
GN44014-CCB3	Chloride	0.0098 U	2.0	0.0098			
GN44014-CCB3	Sulfate	0.13 U	10	0.13			
GN44014-CCV4	Chloride	199	2.0	0.0098	200	99.5	90-110
GN44014-CCV4	Sulfate	197	10	0.13	200	98.5	90-110
GN44014-CCB4	Chloride	0.0098 U	2.0	0.0098			
GN44014-CCB4	Sulfate	0.13 U	10	0.13			
GN44014-CCV5	Chloride	200	2.0	0.0098	200	100.0	90-110
GN44014-CCV5	Sulfate	200	10	0.13	200	100.0	90-110
GN44014-CCB5	Chloride	0.0098 U	2.0	0.0098			
GN44014-CCB5	Sulfate	0.13 U	10	0.13			

(!) Outside of QC limits

13.8

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Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C01030W1.TXT Date Analyzed: 10/30/10 Methods: SM20 5310B, 9060 M
Analyst: SJG Run ID: GN44066
Parameters: Total Organic Carbon

Time	Sample Description	Dilution Factor	PS Recov	Comments
12:36	GN44066-STD1	1		STDA
12:54	GN44066-STD2	1		STDB
13:15	GN44066-STD3	1		STDC
13:35	GN44066-STD4	1		STDD
13:55	GN44066-STD5	1		STDE
14:15	GN44066-STD6	1		STDF
14:35	GN44066-STD7	1		STDG
10:04	ZZZZZZ	1		
10:21	GN44066-CRI1	1		
10:38	GN44066-HSTD1	1		
10:54	GN44066-ICV1	1		
11:18	GN44066-ICB1	1		
11:35	GN44066-CCV1	1		
11:52	GN44066-CCB1	1		
12:49	ZZZZZZ	1		
13:06	GP56075-MB2	1		
13:06	GP56112-MB1	1		Sample shown for QC tracking purposes only.
13:25	GP56075-B2	1		
13:25	GP56112-B1	1		Sample shown for QC tracking purposes only.
13:42	ZZZZZZ	5		
13:59	GP56112-MSD1	1		
14:16	GP56112-S1	1		
14:33	JA59906-2	1		(sample used for QC only; not part of login JA58900)
14:48	ZZZZZZ	1		
15:03	ZZZZZZ	1		
15:18	ZZZZZZ	1		
15:34	GN44066-CCV2	1		
15:56	GN44066-CCB2	1		
16:12	JA58900-5	1		
16:26	JA58900-6	1		
16:44	ZZZZZZ	1		
16:59	ZZZZZZ	1		
17:14	ZZZZZZ	1		

13.9 13

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C01030W1.TXT Date Analyzed: 10/30/10 Methods: SM20 5310B, 9060 M
Analyst: SJG Run ID: GN44066
Parameters: Total Organic Carbon

Time	Sample Description	Dilution Factor	PS Recov	Comments
17:30	ZZZZZZ	1		
17:46	GP56112-MSD2	1		
18:03	GP56112-S2	1		
18:20	JA59413-4	1		(sample used for QC only; not part of login JA58900)
18:38	ZZZZZZ	1		
18:55	GN44066-CCV3	1		
19:17	GN44066-CCB3	1		
19:35	ZZZZZZ	10		
19:51	ZZZZZZ	1		
20:08	ZZZZZZ	1		
20:24	ZZZZZZ	1		
20:41	ZZZZZZ	1		
20:58	ZZZZZZ	1		
21:14	GN44066-CCV4	1		
21:36	GN44066-CCB4	1		
21:53	GP56113-MB1	1		
22:15	GP56113-B1	1		
22:32	GP56113-MSD1	1		
22:49	GP56113-S1	1		
23:05	JA59406-21	1		(sample used for QC only; not part of login JA58900)
23:21	ZZZZZZ	5		
23:36	ZZZZZZ	1		
23:52	ZZZZZZ	1		
00:08	ZZZZZZ	1		
00:24	ZZZZZZ	1		
00:40	GN44066-CCV5	1		
01:01	GN44066-CCB5	1		
01:18	ZZZZZZ	1		
01:35	ZZZZZZ	20		
01:50	ZZZZZZ	1		
02:05	ZZZZZZ	1		
02:21	ZZZZZZ	20		
02:36	GP56113-MSD2	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C01030W1.TXT Date Analyzed: 10/30/10 Methods: SM20 5310B, 9060 M
Analyst: SJG Run ID: GN44066
Parameters: Total Organic Carbon

Time	Sample Description	Dilution Factor	PS Recov	Comments
02:53	GP56113-S2	1		
03:10	JA59425-4	1		(sample used for QC only; not part of login JA58900)
03:25	ZZZZZZ	1		
03:42	GN44066-CCV6	1		
04:00	GN44066-CCB6	1		
04:16	ZZZZZZ	1		
04:32	ZZZZZZ	25		
04:48	ZZZZZZ	1		
05:06	ZZZZZZ	25		
05:25	ZZZZZZ	50		
05:41	GN44066-CCV7	1		
05:57	GN44066-CCB7	1		

Refer to raw data for calibration curve and standards.

13.9 13

Instrument QC Summary
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: C01030W1.TXT Date Analyzed: 10/30/10 Methods: SM20 5310B, 9060 M
Run ID: GN44066 Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN44066-CRI1	Total Organic Carbon	0.85	1.0	0.47	1	85.0	70-130
GN44066-HSTD1	Total Organic Carbon	29.2	1.0	0.47	30	97.3	90-110
GN44066-ICV1	Total Organic Carbon	18.8	1.0	0.47	20	94.0	90-110
GN44066-ICB1	Total Organic Carbon	0.47 U	1.0	0.47			
GN44066-CCV1	Total Organic Carbon	14.2	1.0	0.47	15	94.7	90-110
GN44066-CCB1	Total Organic Carbon	0.47 U	1.0	0.47			
GN44066-CCV2	Total Organic Carbon	14.4	1.0	0.47	15	96.0	90-110
GN44066-CCB2	Total Organic Carbon	0.47 U	1.0	0.47			
GN44066-CCV3	Total Organic Carbon	14.8	1.0	0.47	15	98.7	90-110
GN44066-CCB3	Total Organic Carbon	0.47 U	1.0	0.47			
GN44066-CCV4	Total Organic Carbon	14.7	1.0	0.47	15	98.0	90-110
GN44066-CCB4	Total Organic Carbon	0.47 U	1.0	0.47			
GN44066-CCV5	Total Organic Carbon	14.7	1.0	0.47	15	98.0	90-110
GN44066-CCB5	Total Organic Carbon	0.47 U	1.0	0.47			
GN44066-CCV6	Total Organic Carbon	14.7	1.0	0.47	15	98.0	90-110
GN44066-CCB6	Total Organic Carbon	0.47 U	1.0	0.47			
GN44066-CCV7	Total Organic Carbon	15.1	1.0	0.47	15	100.7	90-110
GN44066-CCB7	Total Organic Carbon	0.47 U	1.0	0.47			

(!) Outside of QC limits

13.9

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: 210110101.TXT Date Analyzed: 11/01/10 Methods: EPA 300/SW846 9056
Analyst: MS Run ID: GN44117
Parameters: Chloride,Sulfate

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:05	GN44117-STD1	1		Manually integrated chrom. peaks reviewed and verified to comply with criteria of Accutest SOP EQA044.
11:52	GN44117-STD2	1		STDB
12:16	GN44117-STD3	1		STDC
13:04	GN44117-STD4	1		STDD
13:52	GN44117-STD5	1		STDE
14:15	GN44117-STD6	1		STDF
14:39	GN44117-STD7	1		STDG
10:07	GN44117-ICV1	1		
10:31	GN44117-CCV1	1		
10:55	GN44117-CCB1	1		
11:19	GP56131-MB1	1		
11:43	GP56131-B1	1		
12:07	GP56131-S1	1		
12:30	GP56131-D1	1		
12:54	JA59406-21	1		(sample used for QC only; not part of login JA58900)
13:18	ZZZZZZ	1		
13:42	ZZZZZZ	1		
14:06	ZZZZZZ	1		
14:30	ZZZZZZ	1		
14:54	ZZZZZZ	1		
15:18	GN44117-CCV2	1		
15:42	GN44117-CCB2	1		
16:06	GP56131-S2	1		
16:30	JA59406-28	1		(sample used for QC only; not part of login JA58900)
16:54	ZZZZZZ	1		
17:18	ZZZZZZ	1		
17:41	ZZZZZZ	1		
18:05	ZZZZZZ	1		
18:29	GN44117-CCV3	1		
18:53	GN44117-CCB3	1		
19:17	GP56125-MB1	1		
19:41	GP56125-B1	1		
20:05	GP56125-S1	1		

13.10 13

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: 210110101.TXT Date Analyzed: 11/01/10 Methods: EPA 300/SW846 9056
Analyst: MS Run ID: GN44117
Parameters: Chloride,Sulfate

Time	Sample Description	Dilution Factor	PS Recov	Comments
20:29	GP56125-D1	1		
20:53	JA58900-3	1		
21:17	JA58900-1	1		
21:41	JA58900-2	1		
22:05	JA58900-4	1		
22:29	JA58900-7	1		
22:53	JA58900-8	1		
23:16	GN44117-CCV4	1		
23:40	GN44117-CCB4	1		
00:04	JA58900-9	1		
00:28	JA58900-10	1		
00:52	JA58900-11	1		
01:16	JA58900-12	1		
01:40	JA58900-14	1		
02:04	ZZZZZZ	1		
02:28	GP56125-S2	1		possible SO4 carryover, rerun SO4
02:52	JA59498-2	1		(sample used for QC only; not part of login JA58900)
03:16	GN44117-CCV5	1		
03:40	GN44117-CCB5	1		

Refer to raw data for calibration curve and standards.

13.10 13

Instrument QC Summary
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: 210110101.TXT Date Analyzed: 11/01/10 Methods: EPA 300/SW846 9056
Run ID: GN44117 Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN44117-ICV1	Chloride	102	2.0	0.0098	101.55	100.4	90-110
GN44117-ICV1	Sulfate	108	10	0.13	103.17	104.7	90-110
GN44117-CCV1	Chloride	200	2.0	0.0098	200	100.0	90-110
GN44117-CCV1	Sulfate	202	10	0.13	200	101.0	90-110
GN44117-CCB1	Chloride	0.0098 U	2.0	0.0098			
GN44117-CCB1	Sulfate	0.22	10	0.13			
GN44117-CCV2	Chloride	198	2.0	0.0098	200	99.0	90-110
GN44117-CCV2	Sulfate	204	10	0.13	200	102.0	90-110
GN44117-CCB2	Chloride	0.0098 U	2.0	0.0098			
GN44117-CCB2	Sulfate	0.38	10	0.13			
GN44117-CCV3	Chloride	199	2.0	0.0098	200	99.5	90-110
GN44117-CCV3	Sulfate	205	10	0.13	200	102.5	90-110
GN44117-CCB3	Chloride	0.0098 U	2.0	0.0098			
GN44117-CCB3	Sulfate	0.48	10	0.13			
GN44117-CCV4	Chloride	199	2.0	0.0098	200	99.5	90-110
GN44117-CCV4	Sulfate	204	10	0.13	200	102.0	90-110
GN44117-CCB4	Chloride	0.0098 U	2.0	0.0098			
GN44117-CCB4	Sulfate	0.36	10	0.13			
GN44117-CCV5	Chloride	198	2.0	0.0098	200	99.0	90-110
GN44117-CCV5	Sulfate	194	10	0.13	200	97.0	90-110
GN44117-CCB5	Chloride	0.0098 U	2.0	0.0098			
GN44117-CCB5	Sulfate	0.13 U	10	0.13			

(!) Outside of QC limits

13.10

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: A01102S1.TXT Date Analyzed: 11/02/10 Methods: CORP ENG 81M/SW9060M
Analyst: SJG Run ID: GN44154
Parameters: Total Organic Carbon

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:21	GN44154-STD1	1		STDA
09:42	GN44154-STD2	1		STDB
09:51	GN44154-STD3	1		STDC
10:10	GN44154-STD4	1		STDD
10:19	GN44154-STD5	1		STDE
10:30	GN44154-STD6	1		STDF
10:40	GN44154-STD7	1		STDG
08:47	GN44154-CRI1	1		
08:58	GN44154-HSTD1	1		
09:26	GN44154-ICV1	1		
09:44	GN44154-CCV1	1		
10:02	GP56130-MB1	1		
10:17	GP56130-B1	1		
10:45	JA58900-3	1		%sol
10:53	ZZZZZZ	1		
11:03	ZZZZZZ	1		
11:16	JA58900-1	1		%sol
11:28	JA58900-2	1		%sol
12:00	JA58900-4	1		%sol
12:14	JA58900-7	1		%sol
12:40	JA58900-8	1		High CV% rehomogenize and rerun
12:52	GN44154-CCV2	1		
13:18	JA58900-9	1		%sol
13:44	JA58900-10	1		%sol
13:56	JA58900-11	1		%sol
14:21	JA58900-12	1		%sol
14:44	JA58900-14	1		%sol
15:06	GP56130-D1	1		%sol
15:17	GP56130-S1	1		%sol
15:38	ZZZZZZ	1		
16:05	ZZZZZZ	1		
16:20	JA58900-8	1		%sol
16:37	GN44154-CCV3	1		

Refer to raw data for calibration curve and standards.

Instrument QC Summary
Inorganics Analyses

Login Number: JA58900
Account: ENSRMAA - AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

File ID: A01102S1.TXT Date Analyzed: 11/02/10 Methods: CORP ENG 81M/SW9060M
Run ID: GN44154 Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN44154-CRI1	Total Organic Carbon	1240	1000	730	1000	124.0	70-130
GN44154-HSTD1	Total Organic Carbon	53600	1000	730	50000	107.2	90-110
GN44154-ICV1	Total Organic Carbon	20400	1000	730	20000	102.0	90-110
GN44154-CCV1	Total Organic Carbon	26400	1000	730	25000	105.6	90-110
GN44154-CCV2	Total Organic Carbon	26600	1000	730	25000	106.4	90-110
GN44154-CCV3	Total Organic Carbon	26100	1000	730	25000	104.4	90-110

(!) Outside of QC limits

13.11 13

Percent Solids Raw Data Summary

Job Number: JA58900
Account: ENSRMAA AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

Sample: JA58900-1 **Analyzed:** 03-NOV-10 by KH **Method:** SM18 2540G
ClientID: BBNPP-D2

Wet Weight (Total)	33.55	g
Tare Weight	27.58	g
Dry Weight (Total)	32.11	g
Solids, Percent	75.9	%

Sample: JA58900-2 **Analyzed:** 03-NOV-10 by KH **Method:** SM18 2540G
ClientID: BBNPP-D1-C

Wet Weight (Total)	32.96	g
Tare Weight	23.07	g
Dry Weight (Total)	29.87	g
Solids, Percent	68.8	%

Sample: JA58900-3 **Analyzed:** 03-NOV-10 by KH **Method:** SM18 2540G
ClientID: BBNPP-R-C

Wet Weight (Total)	33.1	g
Tare Weight	23.2	g
Dry Weight (Total)	30.61	g
Solids, Percent	74.8	%

Sample: JA58900-4 **Analyzed:** 03-NOV-10 by KH **Method:** SM18 2540G
ClientID: BBNPP-CW22-C

Wet Weight (Total)	36.61	g
Tare Weight	27.79	g
Dry Weight (Total)	34.68	g
Solids, Percent	78.1	%

Sample: JA58900-7 **Analyzed:** 03-NOV-10 by KH **Method:** SM18 2540G
ClientID: BBNPP-CW4-C

Wet Weight (Total)	29.61	g
Tare Weight	19.68	g
Dry Weight (Total)	27.38	g
Solids, Percent	77.5	%

Sample: JA58900-8 **Analyzed:** 03-NOV-10 by KH **Method:** SM18 2540G
ClientID: BBNPP-CW7-C

Wet Weight (Total)	32	g
Tare Weight	23.42	g
Dry Weight (Total)	30.13	g
Solids, Percent	78.2	%

Percent Solids Raw Data Summary

Job Number: JA58900
Account: ENSRMAA AECOM, INC.
Project: Bell Bend Nuclear Power Plant, Salem Township, PA

Sample: JA58900-9 **Analyzed:** 03-NOV-10 by KH **Method:** SM18 2540G
ClientID: BBNPP-CW10-C

Wet Weight (Total)	34.38	g
Tare Weight	24.65	g
Dry Weight (Total)	32.32	g
Solids, Percent	78.8	%

Sample: JA58900-10 **Analyzed:** 03-NOV-10 by KH **Method:** SM18 2540G
ClientID: BBNPP-CW13-C

Wet Weight (Total)	32.67	g
Tare Weight	23.85	g
Dry Weight (Total)	29.22	g
Solids, Percent	60.9	%

Sample: JA58900-11 **Analyzed:** 03-NOV-10 by KH **Method:** SM18 2540G
ClientID: BBNPP-CW16-C

Wet Weight (Total)	32.48	g
Tare Weight	24.53	g
Dry Weight (Total)	30.23	g
Solids, Percent	71.7	%

Sample: JA58900-12 **Analyzed:** 03-NOV-10 by KH **Method:** SM18 2540G
ClientID: BBNPP-CW19-C

Wet Weight (Total)	32.11	g
Tare Weight	22.57	g
Dry Weight (Total)	29.65	g
Solids, Percent	74.2	%

Sample: JA58900-14 **Analyzed:** 03-NOV-10 by KH **Method:** SM18 2540G
ClientID: BBNPP-D1-CFD

Wet Weight (Total)	34.67	g
Tare Weight	25.02	g
Dry Weight (Total)	30.84	g
Solids, Percent	60.3	%

New Jersey
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LABORATORIES

General Chemistry

Raw Data

QC Reports: GN43432

Hexavalent Chromium

Test Title:	XCr
GN Batch:	GN43432
Analyst:	AD
Prep Date:	NA
Analysis Date:	10/15/2010
Instrument ID:	F

1

Method: SW846 7196A

Note: Use 4 for CLP list pointer, 1 for reg. List pointer.

Corr. Coef: 0.99992

Slope: 0.9052

Y intercept: 0.0021

Bottle ID	Sample #	Sample Absorbance	BKGRD Abs	Analyzed Times	Y Values Corr Sample Absorbance	X Values Conc(mg/l)	Final Vol. (ml)	Sam Vol. (ml)	Dilution	Final Conc.	Units	MDL	RDL
	Cal. Blk.	0.000	NA	13:00	0.000	0.0000							
	STD1	0.009	NA	NA	0.009	0.0100							
	STD2	0.045	NA	NA	0.045	0.0500							
	STD3	0.095	NA	NA	0.095	0.1000							
	STD4	0.273	NA	NA	0.273	0.3000							
	STD5	0.465	NA	NA	0.465	0.5000							
	STD6	0.724	NA	NA	0.724	0.8000							
	STD7	0.904	NA	13:04	0.904	1.0000							
	CCV	0.424	NA	14:09	0.424	0.4661	NA	NA	NA	NA	mg/l	0.002	0.010
	CCB	0.001	NA	14:09	0.001	-0.0012	NA	NA	NA	NA	mg/l	0.002	0.010
	GN43432-MB1	0.000	0.000	14:13	0.000	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
	GN43432-B1	0.140	0.000	14:13	0.140	0.1524	50.0	50.0	1	0.152	mg/l	0.002	0.010
6	JA58900-6	0.002	0.001	14:13	0.001	-0.0012	50.0	50.0	1	-0.001	mg/l	0.002	0.010
6	JA58900-5	0.003	0.002	14:13	0.001	-0.0012	50.0	50.0	1	-0.001	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
	CCV	0.424	NA	14:13	0.424	0.4661	NA	NA	NA	NA	mg/l	0.002	0.010
	CCB	0.000	NA	14:13	0.000	-0.0023	NA	NA	NA	NA	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
	CCV		NA			#VALUE!	NA	NA	NA	NA	mg/l	0.002	0.010
	CCB		NA			#VALUE!	NA	NA	NA	NA	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
	CCV		NA			#VALUE!	NA	NA	NA	NA	mg/l	0.002	0.010
	CCB		NA			#VALUE!	NA	NA	NA	NA	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
	CCV		NA			#VALUE!	NA	NA	NA	NA	mg/l	0.002	0.010
	CCB		NA			#VALUE!	NA	NA	NA	NA	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010
					FALSE	-0.0023	50.0	50.0	1	-0.002	mg/l	0.002	0.010

10/18

ACCUTEST

Hexavalent Chromium pH Adjustment Log
Method: SW846 7196A (NJDEP mod)

pH adj. start time: 12:47 pH Adjust. Date: 10-15-10

pH adj. end time: 12:53 GN Batch ID: GN 43432.

Sample ID	Initial Sample Volume (ml)	Final Volume (ml)	pH after H2SO4	Comments	Spike Info.
Calibration Blank	45	450	2.06		
0.010 mg/l standard			1.93	5ppm Absolute	0.10 ml of 5 mg/l to 50 ml FV
0.050 mg/l standard			1.84		0.50 ml of 5 mg/l to 50 mL FV
0.100 mg/l standard			1.97		1.00 ml of 5 mg/l to 50 mL FV
0.300 mg/l standard			2.04		3.00 ml of 5 mg/l to 50 mL FV
0.500 mg/l standard			1.93		5.00 ml of 5 mg/l to 50 mL FV
0.800 mg/l standard			1.90		8.00 ml of 5 mg/l to 50 mL FV
1.00 mg/l standard			1.87		10.0 ml of 5 mg/l to 50 mL FV
2.00 mg/l standard			-		20.0 ml of 5 mg/l to 50 mL FV

Reagent Information: See attached.

Analyst: [signature] Date: 10-15-10

Form: GN078-01
Rev. Date:10/7/2010

QC Reports: GN43432

ACCUTEST.

Hexavalent Chromium pH Adjustment Log
Method: SW846 7196A (NJDEP mod)

pH adj. start time: 13:57 pH Adjust. Date: GN43432

pH adj. end time: 14:03 GN Batch ID: 10-15-10

Sample ID	Initial Sample Volume (ml)	Final Volume (ml)	pH after H2SO4	bkg pH after H2SO4	Spike Info	Comments
CCV	45	50	2.06		5ml	5ppm ulhot
CCV						
CCV						
CCV						
CCB	45	50	1.91			
CCB						
CCB						
CCB						
MS						
DUP						
SB	45	50	2.05	1.85	1ml	7.5ppm Acidulit
PB	↓	↓	1.75	2.04		
1.			2.01	1.96		
2.			2.05	1.88		
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						
PS						
DIL						
DIL						

Reagent Information: see attached

Analyst: [signature] Date: 10/15/10 QC Reviewer: Date:

Form: GN077-01
Rev. Date:10/7/2010

14.1 14

ACCUTEST

Test: **Hexavalent Chromium** MDL = 0.002 mg/l GNBatch ID: GN43432
Product: **XCr** RDL = 0.010 mg/l Date: 10-15-10
Method: **SW846 7196A (NJDEP mod)**

Digestion Batch QC Summary Units = mg/l

Method Blank ID: MB1 Date: 10-15-10 Result: <FPL RDL: 0.010 <RDL: YES
Spike Blank ID: B1 Date: ↓ Result: 0.152 Spike: 0.150 %Rec.: 101.3
Duplicate ID: ____ Samp. Result: ____ Dup. Result: ____ %RPD: ____
MS ID: ____ Samp. Result: ____ MS Result: ____ Spike: ____ %Rec: ____
Diluted Sample ID: ____ Samp. Result: ____ Dil. Result: ____ %RPD: ____
pH adj. PS ID: ____ Samp. Result: ____ MS Result: ____ Spike: ____ %Rec: ____

Analysis Batch QC Summary Units = mg/l

CCV: 10-15-10 Result: 0.466 TV: 0.500 %Rec.: 93.2
CCV: ↓ Result: 0.466 TV: ↓ %Rec.: ↓
CCV: ____ Result: ____ TV: ____ %Rec.: ____
CCV: ____ Result: ____ TV: ____ %Rec.: ____
CCV: ____ Result: ____ TV: ____ %Rec.: ____
CCV: ____ Result: ____ TV: ____ %Rec.: ____

CCB: 10-15-10 Result: <FPL RDL: 0.010 <RDL: YES
CCB: ↓ Result: ↓ RDL: ↓ <RDL: ↓
CCB: ____ Result: ____ RDL: ____ <RDL: ____
CCB: ____ Result: ____ RDL: ____ <RDL: ____
CCB: ____ Result: ____ RDL: ____ <RDL: ____
CCB: ____ Result: ____ RDL: ____ <RDL: ____

Reagent Reference Numbers: SEE ATTACHED.

Initial Calibration Source:
Continuing Calibration Source:

Analyst: [signature] Date: 10/15/10
Comments: ____

Form: GN-076
Rev. Date: 6/7/07

14.1 14

QC Reports:

Original Run Filename: GN43597 OM_10-20-2010_02-48-16PM.OMN created 10/20/2010 2:48:16 PM
Original Run Author's Signature: [Omnion User]
Current Run Filename: OM_10-20-2010_02-48-16PM.OMN last modified 10/20/2010 4:44:41 PM
Current Run Author's Signature: [Omnion User]
Description: Default New Run

Sample	Rep.	Cup No.	Channel 1 CN (mg/L)	Detection Time	MDF	% Recovery
ICV	1	8	0.293	10/20/2010@2:49:12 PM		97.7
	Known Conc:		0.300			
	Calibration:		Table/Fig. 1			
ICB	1	9	-2.07e-3	10/20/2010@2:50:22 PM		
	Known Conc:		0.00			
CCV	1	10	0.392	10/20/2010@2:51:33 PM		98.0
	Known Conc:		0.400			
CCB	1	11	-4.80e-3	10/20/2010@2:52:44 PM		
	Known Conc:		0.00			
gp55943-mb1	1	12	0.367	10/20/2010@2:53:54 PM		
gp55943-b1	1	13	0.0638	10/20/2010@2:55:05 PM		76.6
gp55943-s1	1	14	0.0596	10/20/2010@2:56:16 PM		
gp55943-s2	1	15	0.0616	10/20/2010@2:57:27 PM		
gp55943-d1	1	16	3.52e-3	10/20/2010@2:58:38 PM		
ja58959-1	1	17	0.0179	10/20/2010@2:59:49 PM		
ja58959-2	1	18	1.44e-3	10/20/2010@3:01:00 PM		
ja58750-1	1	19	4.68e-3	10/20/2010@3:02:11 PM		
ja58750-2	1	20	2.86e-3	10/20/2010@3:03:21 PM		
ja58750-3	1	21	5.10e-3	10/20/2010@3:04:32 PM		
CCV	1	10	0.394	10/20/2010@3:05:43 PM		98.5
	Known Conc:		0.400			
CCB	1	11	-4.71e-3	10/20/2010@3:06:54 PM		
	Known Conc:		0.00			
ja58750-4	1	22	7.20e-3	10/20/2010@3:08:06 PM		
ja58750-5	1	23	5.77e-3	10/20/2010@3:09:17 PM		
ja58750-6	1	24	4.44e-3	10/20/2010@3:10:27 PM		
ja58750-7	1	25	5.79e-3	10/20/2010@3:11:39 PM		
ja58750-8	1	26	3.85e-3	10/20/2010@3:12:51 PM		
ja58750-9	1	27	4.33e-3	10/20/2010@3:14:02 PM		
ja58750-10	1	28	5.56e-3	10/20/2010@3:15:13 PM		
ja58669-1	1	29	6.18e-3	10/20/2010@3:16:25 PM		
ja58710-3	1	30	7.52e-3	10/20/2010@3:17:35 PM		
ja58710-7	1	31	7.57e-3	10/20/2010@3:18:47 PM		
CCV	1	10	0.394	10/20/2010@3:19:58 PM		98.5
	Known Conc:		0.400			
CCB	1	11	-3.54e-3	10/20/2010@3:21:08 PM		
	Known Conc:		0.00			
ja58710-8	1	32	5.59e-3	10/20/2010@3:22:20 PM		
ja58710-9	1	33	2.41e-3	10/20/2010@3:23:32 PM		
ja58710-11	1	35	8.77e-3	10/20/2010@3:24:44 PM		
ja58710-12	1	37	0.0137	10/20/2010@3:25:55 PM		
ja58710-13	1	38	0.0158	10/20/2010@3:27:07 PM		
gp55943-mb1	1	12	-4.98e-3	10/20/2010@3:28:18 PM		
gp55944-mb1	1	39	-4.69e-4	10/20/2010@3:29:30 PM		
go55944-b1	1	40	0.0825	10/20/2010@3:30:41 PM		99.0
gp55944-s1	1	1	-4.09e-4	10/20/2010@3:31:52 PM		
gp55944-s2	1	2	0.0249	10/20/2010@3:33:02 PM		
CCV	1	10	0.392	10/20/2010@3:34:12 PM		98.0
	Known Conc:		0.400			
CCB	1	11	-4.11e-3	10/20/2010@3:35:24 PM		
	Known Conc:		0.00			
gp55944-d1	1	3	7.40e-4	10/20/2010@3:36:34 PM		
ja58710-14	1	4	3.49e-3	10/20/2010@3:37:44 PM		
ja58710-15	1	5	5.89e-3	10/20/2010@3:38:55 PM		
ja58710-16	1	6	0.0153	10/20/2010@3:40:06 PM		
ja58675-1a	1	7	-2.58e-4	10/20/2010@3:41:16 PM		
ja58675-2a	1	8	1.86e-4	10/20/2010@3:42:27 PM		
ja58675-3a	1	9	-4.11e-3	10/20/2010@3:43:37 PM		
ja58675-5a	1	12	1.53e-3	10/20/2010@3:44:48 PM		
ja58675-6a	1	13	3.19e-4	10/20/2010@3:45:59 PM		

Author: Omnion User

Date : 10/20/2010

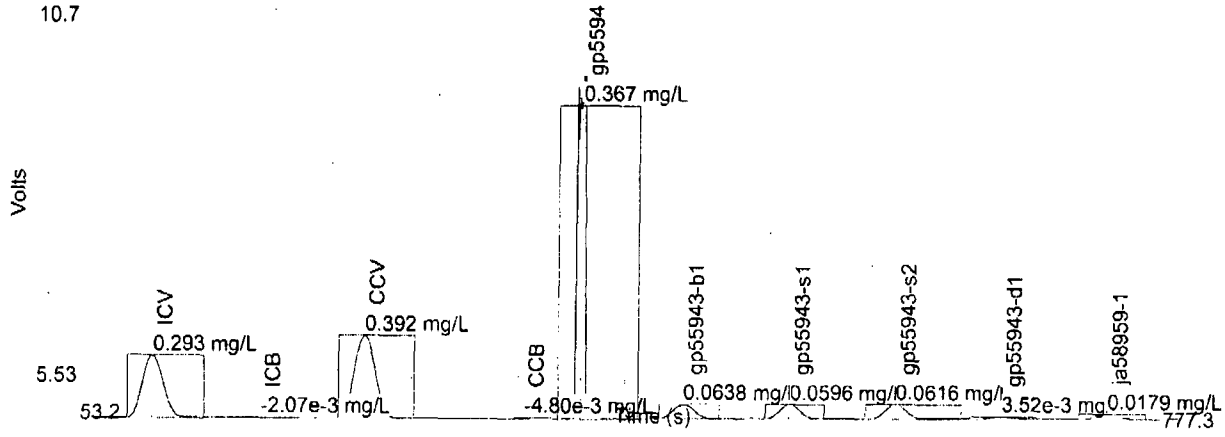
ja58675-7a	1	14	-1.61e-3	10/20/2010@3:47:10 PM	
CCV	1	10	0.395	10/20/2010@3:48:20 PM	98.8
	Known Conc:		0.400		
CCB	1	11	-4.51e-3	10/20/2010@3:49:31 PM	
	Known Conc:		0.00		
ja58675-10a	1	15	1.09e-3	10/20/2010@3:50:42 PM	
ja58675-12a	1	16	0.0259	10/20/2010@3:51:53 PM	
ja58675-14a	1	17	5.26e-3	10/20/2010@3:53:04 PM	
ja58675-16a	1	18	6.98e-3	10/20/2010@3:54:15 PM	
ja58675-17a	1	19	-4.44e-4	10/20/2010@3:55:25 PM	
ja58675-18a	1	20	4.68e-3	10/20/2010@3:56:36 PM	
ja58675-21a	1	21	-1.50e-3	10/20/2010@3:57:47 PM	
ja58675-24a	1	22	1.61e-3	10/20/2010@3:58:59 PM	
ja58675-26a	1	23	4.14e-3	10/20/2010@4:00:10 PM	
ja58675-29a	1	24	-1.01e-3	10/20/2010@4:01:20 PM	
CCV	1	10	0.393	10/20/2010@4:02:30 PM	98.3
	Known Conc:		0.400		
CCB	1	11	-3.95e-3	10/20/2010@4:03:42 PM	
	Known Conc:		0.00		
ja58675-31a	1	25	6.67e-4	10/20/2010@4:04:52 PM	
gp55945-mb1	1	26	-6.08e-4	10/20/2010@4:06:04 PM	
gp55945-b1	1	27	0.0795	10/20/2010@4:07:16 PM	95.4
gp55945-s1	1	28	0.0758	10/20/2010@4:08:27 PM	
gp55945-s2	1	29	0.0727	10/20/2010@4:09:38 PM	
gp55945-d1	1	30	-1.51e-3	10/20/2010@4:10:49 PM	
ja58675-33a	1	31	4.61e-4	10/20/2010@4:12:01 PM	
ja58675-35a	1	32	-6.95e-4	10/20/2010@4:13:13 PM	
ja58960-1	1	33	0.0220	10/20/2010@4:14:24 PM	
ja58960-2	1	34	-1.92e-3	10/20/2010@4:15:36 PM	
CCV	1	10	0.389	10/20/2010@4:16:46 PM	97.3
	Known Conc:		0.400		
CCB	1	11	-4.24e-3	10/20/2010@4:17:57 PM	
	Known Conc:		0.00		
ja58960-6	1	35	0.0170	10/20/2010@4:19:09 PM	
ja58750-11	1	37	-2.52e-3	10/20/2010@4:20:20 PM	
ja58750-12	1	38	-1.39e-4	10/20/2010@4:21:33 PM	
Sample77	1	39	0.400	10/20/2010@4:22:44 PM	
ja58750-13	1	40	-2.11e-3	10/20/2010@4:23:55 PM	Air Spike
ja58750-14	1	1	-3.36e-3	10/20/2010@4:25:06 PM	
ja58750-15	1	2	-2.67e-3	10/20/2010@4:26:17 PM	
ja58750-16	1	3	-2.60e-3	10/20/2010@4:27:27 PM	
ja58750-17	1	4	-3.08e-3	10/20/2010@4:28:38 PM	
ja58750-18	1	5	-2.84e-3	10/20/2010@4:29:47 PM	
CCV	1	10	0.386	10/20/2010@4:30:58 PM	96.5
	Known Conc:		0.400		
CCB	1	11	-4.26e-3	10/20/2010@4:32:09 PM	
	Known Conc:		0.00		
ja58900-7	1	6	-2.08e-3	10/20/2010@4:33:20 PM	
ja58900-8	1	7	-2.89e-3	10/20/2010@4:34:31 PM	
ja58900-9	1	8	-2.51e-3	10/20/2010@4:35:42 PM	
ja58900-10	1	9	-1.90e-3	10/20/2010@4:36:52 PM	
ja58900-11	1	12	-3.68e-3	10/20/2010@4:38:03 PM	
CCV	1	10	0.384	10/20/2010@4:41:12 PM	96.0
	Known Conc:		0.400		
CCB	1	11	-4.21e-3	10/20/2010@4:42:24 PM	
	Known Conc:		0.00		

14.2 14

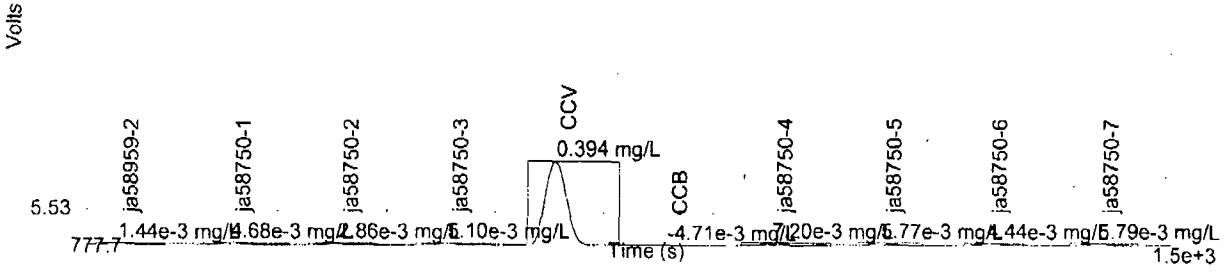
Author: Omnion User

Date : 10/20/2010

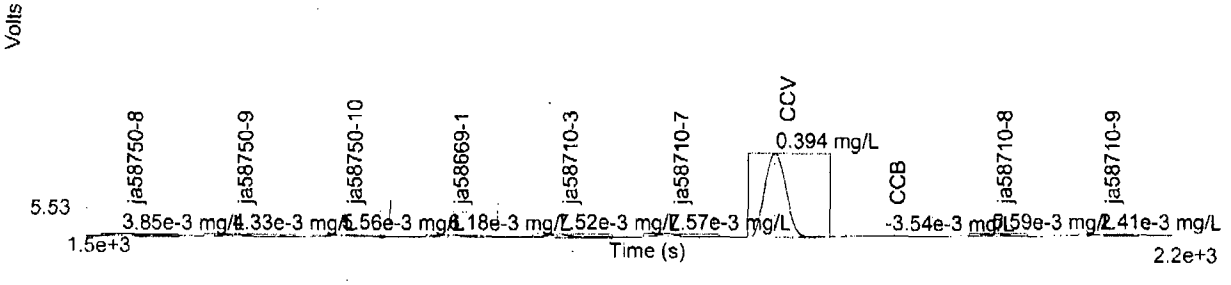
Channel 1: Set 1 of 10



Channel 1: Set 2 of 10



Channel 1: Set 3 of 10



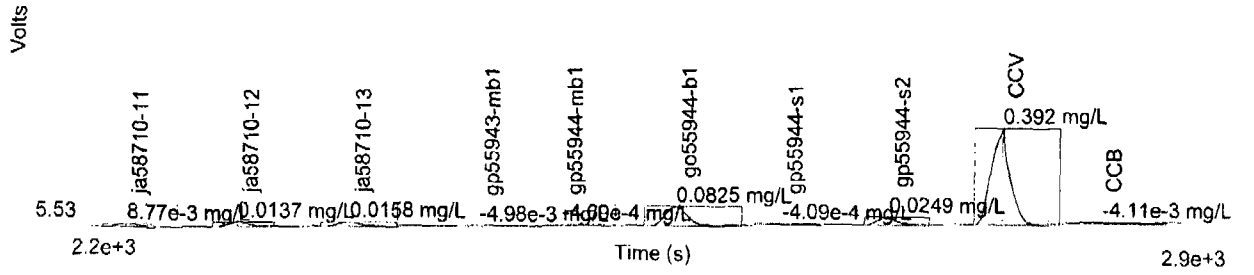
14.2

14

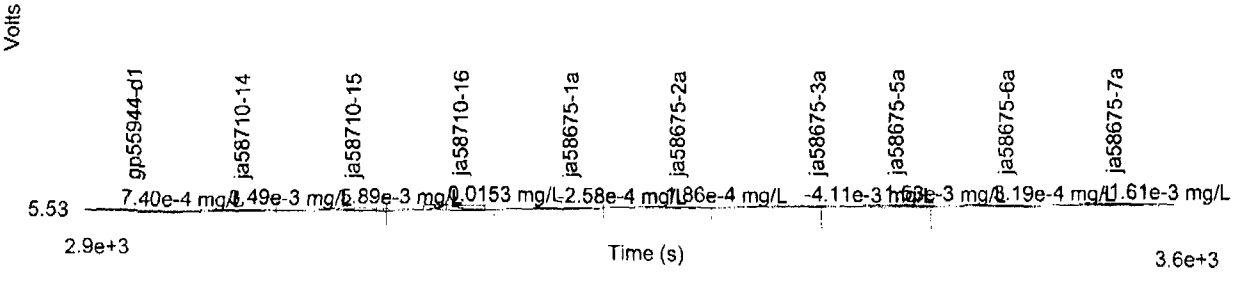
Author: Omnion User

Date : 10/20/2010

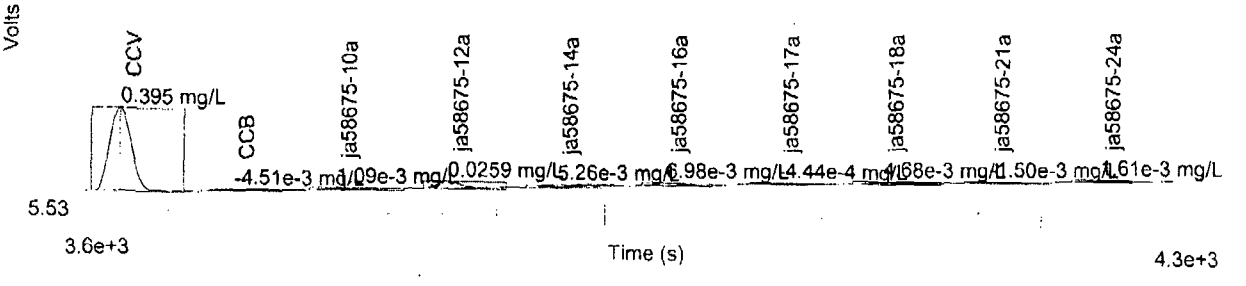
Channel 1: Set 4 of 10



Channel 1: Set 5 of 10



Channel 1: Set 6 of 10



14.2

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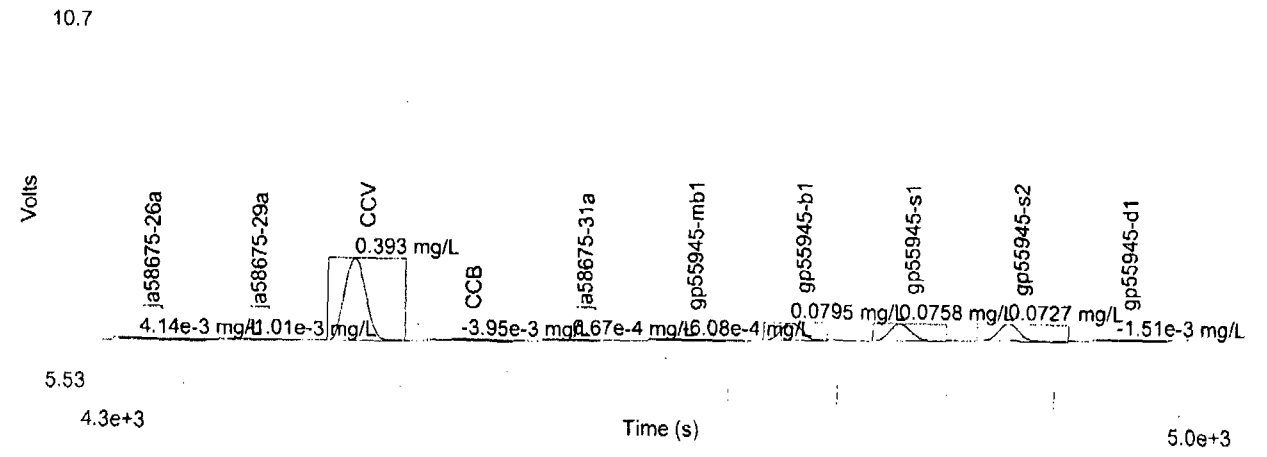
QC Reports: GN43597

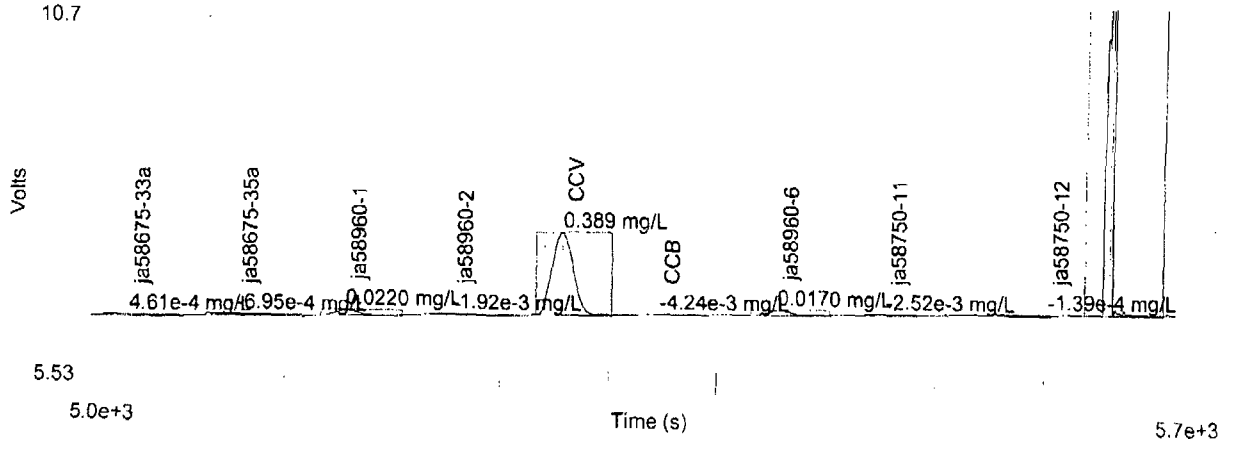
Author: Omnion User

Date : 10/20/2010

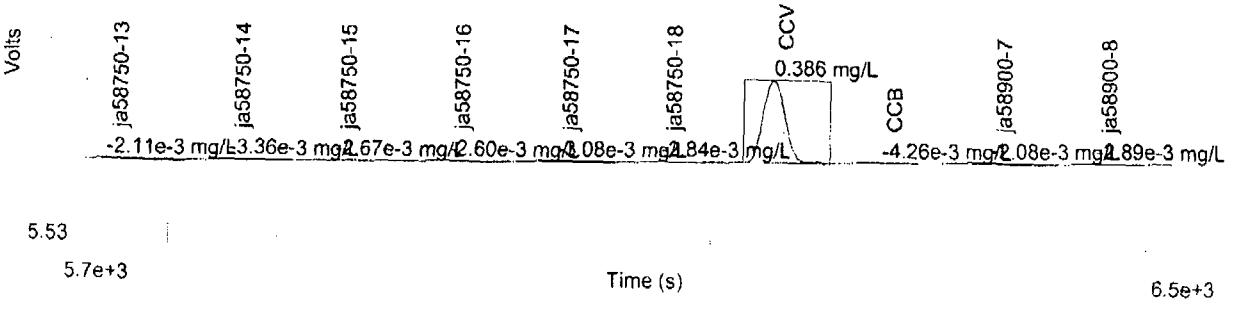
Channel 1: Set 7 of 10



Channel 1: Set 8 of 10



Channel 1: Set 9 of 10



14.2 14

Author: Omnion User

Date : 10/20/2010

Channel 1: Set 10 of 10

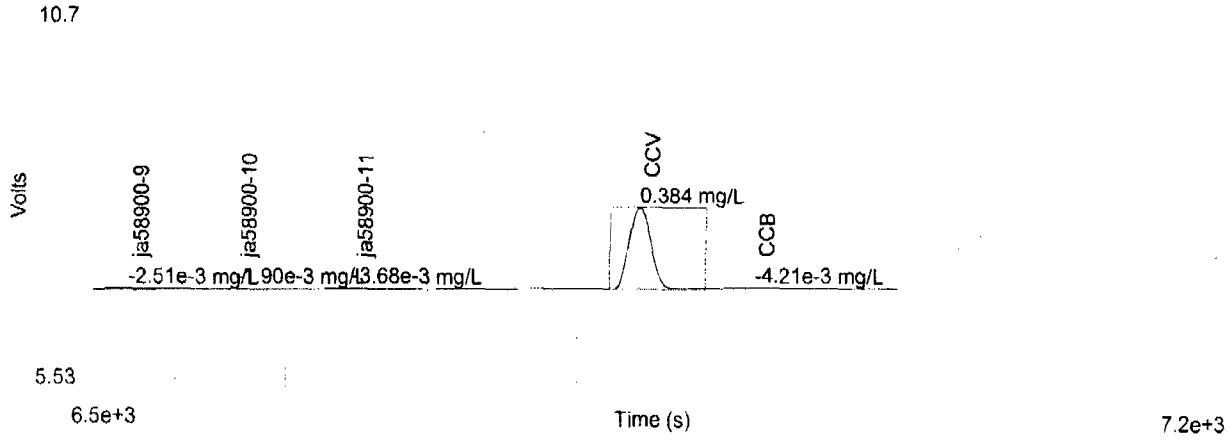
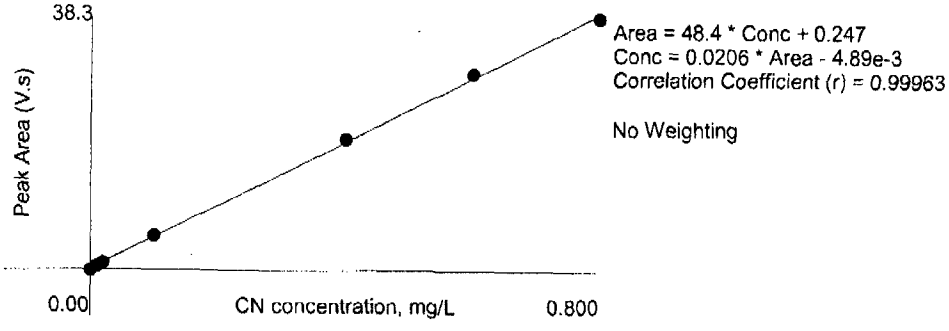


Table 1: CN

	Known Conc. (mg/L)	Rep	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc. (mg/L)	Detection Date	Detection Time
1	0.800	1	38.3	2.29	0.0	1.7	0.786	10/20/2010	2:11:57 PM
2	0.600	1	29.9	1.80	0.0	-2.0	0.612	10/20/2010	2:13:08 PM
3	0.400	1	20.0	1.22	0.0	-2.2	0.409	10/20/2010	2:14:18 PM
4	0.100	1	5.27	0.325	0.0	-3.5	0.104	10/20/2010	2:15:29 PM
5	0.0200	1	1.10	0.0684	0.0	9.5	0.0178	10/20/2010	2:16:39 PM
6	0.0100	1	0.586	0.0364	0.0	20.0	7.19e-3	10/20/2010	2:17:50 PM
7	0.00	1	-0.0119	-1.80e-3			-5.14e-3	10/20/2010	2:19:01 PM

Figure 1: CN



14.2

14

QC Reports: GN43597 GN43597

Author: Omnion User

Date : 10/20/2010

Original Run Filename: OM_10-20-2010_02-11-02PM.OMN created 10/20/2010 2:11:02 PM
Original Run Author's Signature: [Omnion User]
Current Run Filename: OM_10-20-2010_02-11-02PM.OMN last modified 10/20/2010 2:24:49 PM
Current Run Author's Signature: [Omnion User]
Description: Default New Run

Sample	Rep.	Cup No.	Channel 1 CN (mg/L)	Detection Time	MDF
STDA	1	1	0.800	10/20/2010@2:11:57 PM	
STDB	1	2	0.600	10/20/2010@2:13:08 PM	
STDC	1	3	0.400	10/20/2010@2:14:18 PM	
STDD	1	4	0.100	10/20/2010@2:15:29 PM	
STDE	1	5	0.0200	10/20/2010@2:16:39 PM	
STDF	1	6	0.0100	10/20/2010@2:17:50 PM	
STDG	1	7	0.00	10/20/2010@2:19:01 PM	
ICV	1	8	0.267	10/20/2010@2:20:11 PM	
	Known Conc:		0.300		
	Calibration:		Table/Fig. 1		
ICB	1	9	-4.58e-3	10/20/2010@2:21:22 PM	
	Known Conc:		0.00		
CCV	1	10	0.342	10/20/2010@2:22:32 PM	
	Known Conc:		0.400		

Channel 1: Set 1 of 1

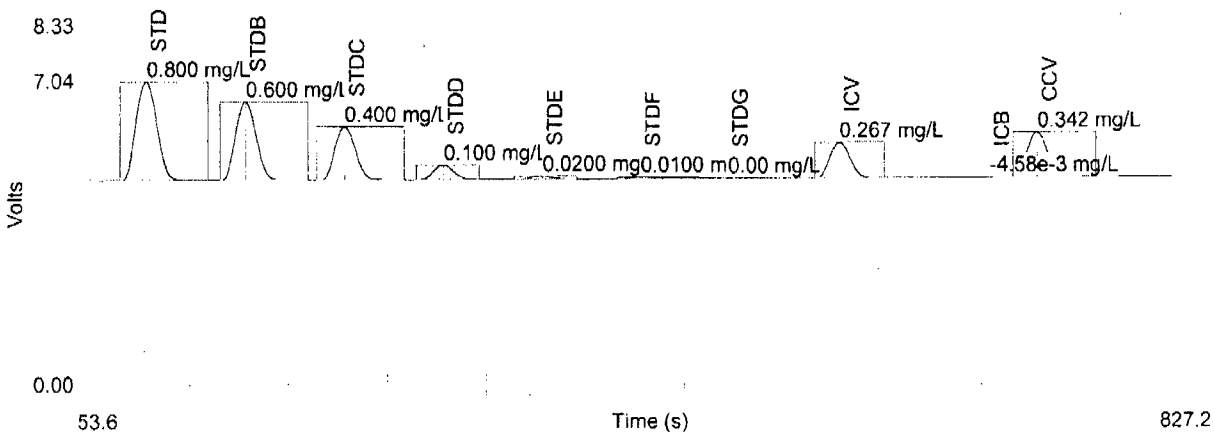
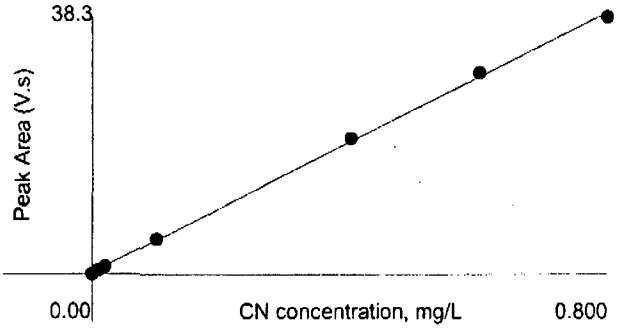


Table 1: CN

	Known Conc. (mg/L)	Rep	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc. (mg/L)	Detection Date	Detection Time
1	0.800	1	38.3	2.29	0.0	1.7	0.786	10/20/2010	2:11:57 PM
2	0.600	1	29.9	1.80	0.0	-2.0	0.612	10/20/2010	2:13:08 PM
3	0.400	1	20.0	1.22	0.0	-2.2	0.409	10/20/2010	2:14:18 PM
4	0.100	1	5.27	0.325	0.0	-3.5	0.104	10/20/2010	2:15:29 PM
5	0.0200	1	1.10	0.0684	0.0	9.5	0.0178	10/20/2010	2:16:39 PM
6	0.0100	1	0.586	0.0364	0.0	20.0	7.19e-3	10/20/2010	2:17:50 PM
7	0.00	1	-0.0119	-1.80e-3			-5.14e-3	10/20/2010	2:19:01 PM

14.2 14

Figure 1: CN



Area = 48.4 * Conc + 0.247
Conc = 0.0206 * Area - 4.89e-3
Correlation Coefficient (r) = 0.99963

No Weighting

14.2 14

Creator : QC Reports: Omnion User GN43597
Creation Date : 6/24/2010 11:00:55 AM
Last Modified : 10/18/2010 12:26:31 PM
Description :

C102010WI. CN

Cup	Sample ID	MDF	Weight	Sample Type	Comments
	STDA			Calibration Standard	
	STDB			Calibration Standard	
	STDC			Calibration Standard	
	STDD			Calibration Standard	
	STDE			Calibration Standard	
	STDF			Calibration Standard	
	STDG			Calibration Standard	
	ICV			Check Standard	
	ICB			Check Standard	
0	CCV			Check Standard	
1	CCB			Check Standard	
2	gp55943-mb1			Unknown	
3	gp55943-b1			Unknown	
4	gp55943-s1			Unknown	
5	gp55943-s2			Unknown	
6	gp55943-d1			Unknown	
7	ja58959-1			Unknown	
8	ja58959-2			Unknown	
9	ja58750-1			Unknown	
0	ja58750-2			Unknown	
1	ja58750-3			Unknown	
0	CCV			Check Standard	
1	CCB			Check Standard	
2	ja58750-4			Unknown	
3	ja58750-5			Unknown	
4	ja58750-6			Unknown	
5	ja58750-7			Unknown	
6	ja58750-8			Unknown	
7	ja58750-9			Unknown	
8	ja58750-10			Unknown	
9	ja58669-1			Unknown	
0	ja58710-3			Unknown	
1	ja58710-7			Unknown	
0	CCV			Check Standard	
1	CCB			Check Standard	
2	ja58710-8			Unknown	
3	ja58710-9			Unknown	
4	ja58710-~~10~~ VP 10/20/10			Unknown	Air spike. (no sample)
5	ja58710-11			Unknown	
6	Sample36			Unknown	Air Spike.

14.2 14

7	ja58710-12			Unknown	
8	ja58710-13			Unknown	
9	gp55944-mb1			Unknown	
0	go55944-b1			Unknown	
	gp55944-s1			Unknown	
0	CCV			Check Standard	
1	CCB			Check Standard	
	gp55944-s2			Unknown	
	gp55944-d1			Unknown	
	ja58710-14			Unknown	
	ja58710-15			Unknown	
	ja58710-16			Unknown	
	ja58675-1a			Unknown	
	ja58675-2a			Unknown	
	ja58675-3a			Unknown	
2	ja58675-5a			Unknown	
3	ja58675-6a			Unknown	
0	CCV			Check Standard	
1	CCB			Check Standard	
4	ja58675-7a			Unknown	
5	ja58675-10a			Unknown	
6	ja58675-12a			Unknown	
7	ja58675-14a			Unknown	
8	ja58675-16a			Unknown	
9	ja58675-17a			Unknown	
0	ja58675-18a			Unknown	
1	ja58675-21a			Unknown	
2	ja58675-24a			Unknown	
3	ja58675-26a			Unknown	
0	CCV			Check Standard	
1	CCB			Check Standard	
4	ja58675-29a			Unknown	
5	ja58675-31a			Unknown	
6	gp55945-mb1			Unknown	
7	gp55945-b1			Unknown	
8	gp55945-s1			Unknown	
9	gp55945-s2			Unknown	
0	gp55945-d1			Unknown	
1	ja58675-33a			Unknown	
2	ja58675-35a			Unknown	
3	ja58960-1			Unknown	
0	CCV			Check Standard	
1	CCB			Check Standard	
4	ja58960-2			Unknown	
5	ja58960-6			Unknown	

6	Sample74			Unknown	
7	ja58750-11			Unknown	
8	ja58750-12			Unknown	
9	Sample77			Unknown	
0	ja58750-13			Unknown	
	ja58750-14			Unknown	
	ja58750-15			Unknown	
	ja58750-16			Unknown	
0	CCV			Check Standard	
1	CCB			Check Standard	
	ja58750-17			Unknown	
	ja58750-18			Unknown	
	ja58900-7			Unknown	
	ja58900-8			Unknown	
	ja58900-9			Unknown	
	ja58900-10			Unknown	
2	ja58900-11			Unknown	
0	CCV			Check Standard	
1	CCB			Check Standard	

alyte Table	CN
	(mg/L)
TDA	0.800
TDB	0.600
TDC	0.400
TDD	0.100
TDE	0.0200
TDF	0.0100
TDG	0.00

14.2

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ACCUTEST

Batch ID:

Autopipette ID: 8, 16

Balance ID: B 14

QC Reports:

CYANIDE DISTILLATION LOG (SOILS- MICRO DISTILLATION)

Method: SW846 9012B M

GB55943

NO.	Bottle #	Block #	Sample ID	pH	S2-	Add (a)	Initial Weight (g)	Final Volume (ml)	Temp. in Deg. C (b)	Start Time	End Time	Date	QC ID	Spike Amounts and Comments including Spike Lots	An
		1	MB	12	-			6	120	11:05	11:35	10/19/10	GP -MB1		
			BSP										GP -B1	0.10 ml of 5.0 mg/l (c)	
			MS1 JA58750-1				0.56						GP -S1	0.10 ml of 5.0 mg/l	GN43597
			MS2 JA58710-3				0.52						GP -S2	0.10 ml of 5.0 mg/l	
			Dup JA587504				0.52						GP -D1		
1	1		JA58959-1				0.52								
2			-2				0.58								
3			JA58750-1				0.58							QC gray watery	
4	2		-2				0.58								
5			-3				0.54								
6	1		-4				0.51								
7			-5				0.50								
8			-6				0.50								
9			-7				0.50								
10	2		-8				0.59								
11	1		-9				0.50								
12	2		-10				0.51								
13	1		JA58689-1				0.55								
14	2		JA58710-3				0.50							QC gray watery	
15			-7				0.53								
16		1	-8				0.57								
17		2	-9				0.57								
18			-11				0.54								
19			-12				0.58								
20			-13				0.50								

(a) Check if sulfamic acid was added.

(b) Record temp. from the LED readout on the distillation block. Temperatures verified with an external thermometer a min. of once per quarter.

(c) If the calibration curve is not distilled, then in addition to the blank spike, the analyst must also prepare two distilled standards using 0.12 ml of 1.0 mgl for one and 0.15 ml of 20.0 mg/l for the o

Comments:

Spike = 1.03 - mls of 968 - ppm CN STD, 200-mls with 0.25 N from 0.95 N NaOH

QC Reviewer: Date:

Form: GN0012-03A

ACCUTEST LABORATORIES JA58900

ACCUTEST

Batch ID:

Autopipette ID: 816, 17

Balance ID: B 14

QC Reports:

CYANIDE DISTILLATION LOG (SOILS- MICRO DISTILLATION)

Method: SW846 9012B M

GP55944

NO.	Bottle #	Block #	Sample ID	pH	S2-	Add (a)	Initial Weight (g)	Final Volume (ml)	Temp. in Deg. C (b)	Start Time	End Time	Date	QC ID	Spike Amounts and Comments including Spike Lots	Analy
			MB	12	–			6	120	11:50	12:20	10/19/10	GP -MB1		B
			BSP										GP -B1	0.10 ml of 5.0 mg/l (c)	
			MS1 JA58675-1A				0.59						GP -S1	0.10 ml of 5.0 mg/l	GN43597
			MS2 JA58710-14				0.56						GP -S2	0.10 ml of 5.0 mg/l	
			DUP JA58675-1A				0.53						GP -D1		
1	2		JA58710-14				0.53							Qc gray watery	
2			-15				0.53								
3			-16				0.55								
4	1		JA58675-1A				0.55							Qc red/brown dry	
5			-2A				0.58								
6			-3A				0.50								
10			~~4A~~	12	–		0	6	120						
7			-5A				0.58								
8			-6A				0.55								
9			-7A				0.59								
10			-10A				0.51								
11			-12A				0.53								
12			-14A				0.54								
13			-16A				0.54								
14			-17A				0.54								
15			-18A				0.58								
16			-21A				0.55								
17			-24A				0.51								
18			-26A				0.57								
19			-29A				0.51								
20			-30A				0.52								

(a) Check if sulfamic acid was added.

(b) Record temp. from the LED readout on the distillation block. Temperatures verified with an external thermometer a min. of once per quarter.

(c) If the calibration curve is not distilled, then in addition to the blank spike, the analyst must also prepare two distilled standards using 0.12 ml of 1.0 mgl for one and 0.15 ml of 20.0 mg/l for the othe

Comments:

Spike = 1.03 – mls of 968 – ppm CN STD, 1200-mls with 0.25 N from 0.75 N NaOH

QC Reviewer: Date:

Form: GN0012-03A

Rev. Date: 12/15/09

ACCUTEST

GN43517

Batch ID:

Autopipette ID: 8, 16, 17

Balance ID: B 14

QC Reports:

CYANIDE DISTILLATION LOG (SOILS- MICRO DISTILLATION)

Method: SW846 9012B M

GP5 5945

NO.	Bottle #	Block #	Sample ID	pH	S2-	Add (a)	Initial Weight (g)	Final Volume (ml)	Temp. in Deg. C (b)	Start Time	End Time	Date	QC ID	Spike Amounts and Comments including Spike Lots	Analyst
			MB	12	–		6ml	6	120	12:35	13:05	10/19/10	GP -MB1		BL
			BS8				6ml						GP -B1	0.10 ml of 5.0 mg/l (c)	
			MS1 JA58750-11				0.52						GP -S1	0.10 ml of 5.0 mg/l	
			MS2 JA58900-7				0.51						GP -S2	0.10 ml of 5.0 mg/l	
			Dup JA58750-11				0.53						GP -D1		
1	1		JA58675-33A				0.55								
2			-35A				0.55								
3			JA58960-1				0.52								
4			-2				0.57								
5			-6				0.58								
6	3		JA58750-11				0.50							QC gray/wet	
7	1		-12				0.50								
8			-13				0.51								
9			-14				0.55								
10	2		-15				0.52								
11			-16				0.57								
12	1		-17				0.52								
13	2		-18				0.56								
14	1		JA58900-7				0.51							QC watery gray	
15			-8				0.58								
16			-9				0.56								
17	2		-10				0.56								
18	1		-11				0.57								

GN43597

(a) Check if sulfamic acid was added.

(b) Record temp. from the LED readout on the distillation block. Temperatures verified with an external thermometer a min. of once per quarter.

(c) If the calibration curve is not distilled, then in addition to the blank spike, the analyst must also prepare two distilled standards using 0.12 ml of 1.0 mgl for one and 0.15 ml of 20.0 mg/l for the other.

Comments:

Spike = 1.0? – mls of 968 – ppm CN STD, T200-mls with 0.25 N from 0.95 N NaOH

QC Reviewer: Date:

Form: GN0012-03A

Rev. Date: 12/15/09

QC Reports: GN43597

ACCUTEST

GN43597

CYANIDE DISTILLATION LOG (WATERS - MICRO DISTILLATION)

CN METHOD: EPA 335.2M/335.4 CNA METHOD: EPA 335.1

tl	No.	Block	Sample ID	pH	S^{2-}	Add (a)	Initial Volume (ml)	Final Volume (ml)	Date	GP Number (a)	Spike Amounts and Comments including Spike Lots	Analyst
										GP -D1		
										GP -S1	0.1 ml of 5.0 mg/l Spike ID:	
										GP -B1	0.1 ml of 5.0 mg/l Spike ID:	
										GP -MB1		
			Calibration Curve									
			0	12		✓	6	6	10/19/10		6ml .25N NaOH	BL
			.01			✓					6ml .01 ppm	
			.02			✓					6ml .02ppm	
			.1			✓					6ml .1ppm	
			.4			✓					6ml .4 ppm	
			.6			✓					6ml .6 ppm	
			.8			✓					6ml .8ppm	

(a) Check if sulfamic acid was added.
(b) Add method blanks/spike blanks as appropriate. A minimum of one method blank/spike blank per day is required.

Reason codes for data corrections: 1-reviewer error correction: 2-transcription error; 3-computer error; 4-analyst error

QC Sample Description

Comments:

QC Reviewer: Date:

Form: GN-012
Rev. Date: 9/6/06

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GN43597

QC Reports:

GN43597

ACCUTEST

GENERAL CHEMISTRY STANDARD PREPARATION LOG for CYANIDE

GN or GP Number: _____

Intermediate Standard Description	Stock used to prepare standard	Standardization Date	Stock concentration in mg/l	Stock volume used in ml (a)	Diluent (b)	Final Volume in ml	Final Conc. of Intermediate (mg/l)	Expiration Date (c)	Analyst	Date
Standards Stock	GNE 6-25303-CN	10/13/10	968	1.03	.25 N NaOH	200	5.0	12/18/10	BCL	10/19/10
Distilled ICV Stock	GNE				.25 N NaOH	200	5.0	↓	↓	↓
Undistilled ICV Int.	GNE	10/20/10			.25 N NaOH	100	20		VA	10/20/10
Undistilled CCV Int.	GNE 6-25303-CN	10/20/10			.25 N NaOH	100	20	12/18/10	↓	↓

Standard Description	Intermediate or Stock used to prepare standard		Intermediate or Stock concentration in mg/l	Intermediate or Stock volume used in ml	Diluent (b)	Final Volume in ml	Final Conc. of Standard (mg/l)	Expiration Date (c)	Analyst	Date
A	5.0		5.0	16.00	.25 N NaOH	100	0.80	10/2/10	BCL	10/19/10
B	5.0		5.0	12.00	.25 N NaOH	100	0.60			
C	5.0		5.0	8.00	.25 N NaOH	100	0.40			
D	5.0		5.0	2.00	.25 N NaOH	100	0.10			
E	5.0		5.0	0.40	.25 N NaOH	100	0.02			
F	5.0		5.0	0.20	.25 N NaOH	100	0.01	↓	↓	↓
Undistilled ICV	ICV Int.		20	1.5	.25 N NaOH	100	0.3	10/20/10	VA	10/20/10
Undistilled CCV	CCV Int.		20	2.0	.25 N NaOH	100	0.4	↓	↓	↓

(a) Concentration will change with standardization concentration.

(b) Diluent reagent reference number:_____ Expiration Date:_____

(c) Standards must be made fresh (daily) before distillation. After distillation, they may be held under refrigeration for a maximum of 28 days before analysis.

Reason codes for data corrections : 1 - reviewer error correction; 2 - transcription error; 3-computer error; 4- analyst error

Form: GN200-01
Rev. Date: 7/18/06

GN43597

ACCUTEST.

Reagent Information Log - CN - Distillation

GP Numbers:

Reagent	Reagent # or Manufacturer/Lot	Expiration date
Magnesium Chloride Solution	GNE9-26098-CN	3/14/11
Sulfamic Acid	Acros A0274254	8/27/15
Sulfuric Ac id	JTBaker J04F05	7/26/15
Sodium Hydroxide 1.25N/0.25N	GNE10-26392-CN	3/13/11
Cadmium Carbonate, Powder	—	—
Micro Distillation tubes	Lachat # 9/24/10	~~3/28/11~~ 10/19/10 (4)
.95 NaOH	GNE9-26209-CN	3/28/11
Cyanide Stock STD	GNE6-25803-CN	12/18/10

Reason codes for data corrections: 1-reviewer error correction: 2-transcription error; 3-computer error; 4-analyst error

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Form: GN0871-28
Rev. Date: 07/19/06

GN43597

ACCUTEST

Reagent Information Log - CN Lachat Autoanalyzer

GN Number:

Reagent	Reagent # or Manufacturer/Lot	Expiration date
Pyridine-Bartituric Acid Reagent		
Chloramine-T	GNE10 - 26390 - CN	10/22/10
Phosphate Buffer Solution, 1.0 M	GNE10 - 26349 - CN	4/11/11
0.25 N Sodium Hydroxide Carrier Solution	GNE10 - 26392 - CN	VA 10/20/10 ~~3/10~~ 3/13/11

Reason codes for data corrections: 1-reviewer error correction: 2-transcription error; 3-computer error; 4-analyst error

14.2 14

Form: GN0871-27
Rev. Date: 7/19/06

C102510 WI-CN GN43793

Author: Omnion User

Date : 10/25/2010

Original Run Filename: OM_10-25-2010_12-42-13PM.OMN created 10/25/2010 12:42:13 PM
Original Run Author's Signature: [Omnion User]
Current Run Filename: OM_10-25-2010_12-42-13PM.OMN last modified 10/25/2010 3:20:02 PM
Current Run Author's Signature: [Omnion User]
Description: Default New Run

Sample	Rep.	Cup No.	Channel 1 CN (mg/L)	Detection Time	MDF	% REC
STDA	1	1	0.800	10/25/2010@12:43:08 PM		
STDB	1	2	0.600	10/25/2010@12:44:19 PM		
STDC	1	3	0.400	10/25/2010@12:45:29 PM		
STDD	1	4	0.100	10/25/2010@12:46:39 PM		
STDE	1	5	0.0200	10/25/2010@12:47:50 PM		
STDF	1	6	0.0100	10/25/2010@12:49:01 PM		
STDG	1	7	0.00	10/25/2010@12:50:11 PM		
ICV	1	8	0.325	10/25/2010@12:51:22 PM		108.33
	Known Conc:		0.300			
	Calibration:		Table/Fig. 1			
ICB	1	9	-5.06e-3	10/25/2010@12:52:33 PM		
	Known Conc:		0.00			
CCV	1	10	0.422	10/25/2010@12:53:43 PM		105.5
	Known Conc:		0.400			
CCB	1	11	-4.74e-3	10/25/2010@12:54:54 PM		
	Known Conc:		0.00			
GP55943-MB2	1	12	-3.57e-3	10/25/2010@12:56:05 PM		
GP55943-B2	1	13	0.0822	10/25/2010@12:57:16 PM		98.68
GP55943-S1	1	14	0.0856	10/25/2010@12:58:27 PM		
GP55943-S2	1	15	0.0870	10/25/2010@12:59:37 PM		
GP55943-D1	1	16	-3.21e-3	10/25/2010@1:00:48 PM		
JA58959-1 A	1	17	0.0184	10/25/2010@1:02:00 PM		
JA58959-2	1	18	1.97e-3	10/25/2010@1:03:11 PM		
JA58750-1	1	19	-2.59e-3	10/25/2010@1:04:21 PM		
JA58750-2	1	20	-3.10e-3	10/25/2010@1:05:32 PM		
JA58750-3	1	21	-2.89e-3	10/25/2010@1:06:44 PM		
CCV	1	10	0.424	10/25/2010@1:07:54 PM		106
	Known Conc:		0.400			
CCB	1	11	-4.31e-3	10/25/2010@1:09:05 PM		
	Known Conc:		0.00			
JA58750-4 A	1	22	-3.29e-3	10/25/2010@1:10:17 PM		
JA58750-5	1	23	-3.79e-3	10/25/2010@1:11:28 PM		
JA58750-6	1	24	-3.49e-3	10/25/2010@1:12:38 PM		
JA58750-7	1	25	-4.53e-3	10/25/2010@1:13:49 PM		
JA58750-8	1	26	3.59e-3	10/25/2010@1:15:01 PM		
JA58750-9	1	27	-4.94e-3	10/25/2010@1:16:13 PM		
JA58750-10	1	28	-3.12e-3	10/25/2010@1:17:24 PM		
JA58669-1	1	29	1.32e-3	10/25/2010@1:18:35 PM		
JA58710-3	1	30	1.55e-3	10/25/2010@1:19:46 PM		
JA58710-7	1	31	1.92e-3	10/25/2010@1:20:58 PM		
CCV	1	10	0.426	10/25/2010@1:22:08 PM		106.5
	Known Conc:		0.400			
CCB	1	11	-4.26e-3	10/25/2010@1:23:20 PM		
	Known Conc:		0.00			
JA58710-8 A	1	32	1.23e-3	10/25/2010@1:24:31 PM		
JA58710-9	1	33	9.33e-4	10/25/2010@1:25:43 PM		
JA58710-11	1	34	1.91e-3	10/25/2010@1:26:54 PM		
JA58710-12	1	35	0.0157	10/25/2010@1:28:05 PM		
ignore Sample36	1	36	0.571	10/25/2010@1:29:17 PM		
JA58710-13 A	1	37	9.47e-3	10/25/2010@1:30:29 PM		
GP56007-MB1	1	38	-5.44e-3	10/25/2010@1:31:41 PM		
GP56007-B1	1	39	0.0822	10/25/2010@1:32:53 PM		98.68
GP56007-S1	1	40	0.103	10/25/2010@1:34:04 PM		
GP56007-S2	1	1	0.0882	10/25/2010@1:35:15 PM		
CCV	1	10	0.426	10/25/2010@1:36:25 PM		106.5
	Known Conc:		0.400			
CCB	1	11	-4.93e-3	10/25/2010@1:37:36 PM		
	Known Conc:		0.00			
GP56007-D1	1	2	-8.74e-6	10/25/2010@1:38:46 PM		
JA59264-1 A	1	3	-5.00e-4	10/25/2010@1:39:57 PM		

Author: Omnion User

Date : 10/25/2010

JA58900-12 A	1	4	2.29e-3	10/25/2010@1:41:07 PM	
JA58817-1	1	5	0.0185	10/25/2010@1:42:17 PM	
JA58960-5	1	6	0.0297	10/25/2010@1:43:28 PM	
JA59199-2	1	7	0.0186	10/25/2010@1:44:39 PM	
JA59199-4	1	8	2.79e-3	10/25/2010@1:45:49 PM	
JA59199-6	1	9	5.22e-3	10/25/2010@1:47:00 PM	
JA59199-8	1	12	-2.81e-3	10/25/2010@1:48:11 PM	
JA59199-10	1	13	-7.99e-4	10/25/2010@1:49:21 PM	
CCV	1	10	0.426	10/25/2010@1:50:32 PM	106.5
	Known Conc:		0.400		
CCB	1	11	-4.52e-3	10/25/2010@1:51:43 PM	
	Known Conc:		0.00		
JA59199-12 A	1	14	4.44e-4	10/25/2010@1:52:54 PM	
JA59199-14	1	15	0.0156	10/25/2010@1:54:04 PM	
JA59199-16	1	16	9.32e-3	10/25/2010@1:55:16 PM	
JA59199-18	1	17	5.55e-3	10/25/2010@1:56:27 PM	
JA59199-20	1	18	7.39e-4	10/25/2010@1:57:38 PM	
JA59199-22	1	19	-1.61e-3	10/25/2010@1:58:48 PM	
JA59199-24	1	20	-1.05e-3	10/25/2010@1:59:59 PM	
JA59199-28	1	21	8.13e-3	10/25/2010@2:01:11 PM	
GP55987-MB1	1	22	-4.94e-3	10/25/2010@2:02:22 PM	
GP55987-B1	1	23	0.0791	10/25/2010@2:03:34 PM	94.96
CCV	1	10	0.426	10/25/2010@2:04:43 PM	106.5
	Known Conc:		0.400		
CCB	1	11	-4.06e-3	10/25/2010@2:05:55 PM	
	Known Conc:		0.00		
GP55987-S1	1	24	0.0985	10/25/2010@2:07:05 PM	
GP55987-S2	1	25	0.101	10/25/2010@2:08:16 PM	
GP55987-D1	1	26	-2.70e-3	10/25/2010@2:09:28 PM	
JA58815-1A A	1	27	-5.19e-4	10/25/2010@2:10:40 PM	
JA58815-3A	1	28	-1.02e-3	10/25/2010@2:11:52 PM	
JA58815-5A	1	29	-1.20e-3	10/25/2010@2:13:03 PM	
JA58815-7A	1	30	-4.35e-4	10/25/2010@2:14:14 PM	
JA58815-9A	1	31	6.74e-3	10/25/2010@2:15:25 PM	
JA58815-11A	1	32	-1.76e-3	10/25/2010@2:16:38 PM	
JA58815-13A	1	33	-2.60e-3	10/25/2010@2:17:49 PM	
CCV	1	10	0.427	10/25/2010@2:18:59 PM	106.75
	Known Conc:		0.400		
CCB	1	11	-4.12e-3	10/25/2010@2:20:10 PM	
	Known Conc:		0.00		
JA58815-15A A	1	34	-1.82e-3	10/25/2010@2:21:22 PM	
JA58815-17A	1	35	8.23e-4	10/25/2010@2:22:33 PM	
JA58815-19A	1	43	-2.63e-4	10/25/2010@2:23:45 PM	
JA58815-21A	1	37	-1.53e-3	10/25/2010@2:24:56 PM	
JA58815-23A	1	38	-2.24e-3	10/25/2010@2:26:09 PM	
JA58815-25A	1	39	3.00e-3	10/25/2010@2:27:20 PM	
JA58960-3	1	40	0.0515	10/25/2010@2:28:31 PM	
JA58960-4	1	1	0.0401	10/25/2010@2:29:42 PM	
JA58900-1	1	2	-3.17e-3	10/25/2010@2:30:53 PM	
JA58900-2	1	3	-3.18e-3	10/25/2010@2:32:03 PM	
CCV	1	10	0.427	10/25/2010@2:33:13 PM	106.75
	Known Conc:		0.400		
CCB	1	11	-3.77e-3	10/25/2010@2:34:24 PM	
	Known Conc:		0.00		
JA58900-3 A	1	4	-3.67e-3	10/25/2010@2:35:34 PM	
JA58900-4	1	5	-1.99e-3	10/25/2010@2:36:44 PM	
JA58900-14	1	6	-2.60e-3	10/25/2010@2:37:55 PM	
GP56009-MB1	1	7	-4.66e-3	10/25/2010@2:39:05 PM	
GP56009-B1	1	8	0.148	10/25/2010@2:40:16 PM	7.63
GP56009-D1	1	9	-4.73e-3	10/25/2010@2:41:26 PM	
JA59171-1 A	1	12	-4.87e-3	10/25/2010@2:42:37 PM	
JA59171-2	1	13	-4.79e-3	10/25/2010@2:43:48 PM	
JA59264-1A	1	14	-5.05e-3	10/25/2010@2:44:59 PM	
JA59280-1	1	15	-5.00e-3	10/25/2010@2:46:09 PM	
CCV	1	10	0.428	10/25/2010@2:47:19 PM	107
	Known Conc:		0.400		
CCB	1	11	-4.66e-3	10/25/2010@2:48:30 PM	
	Known Conc:		0.00		

TV = 1.94

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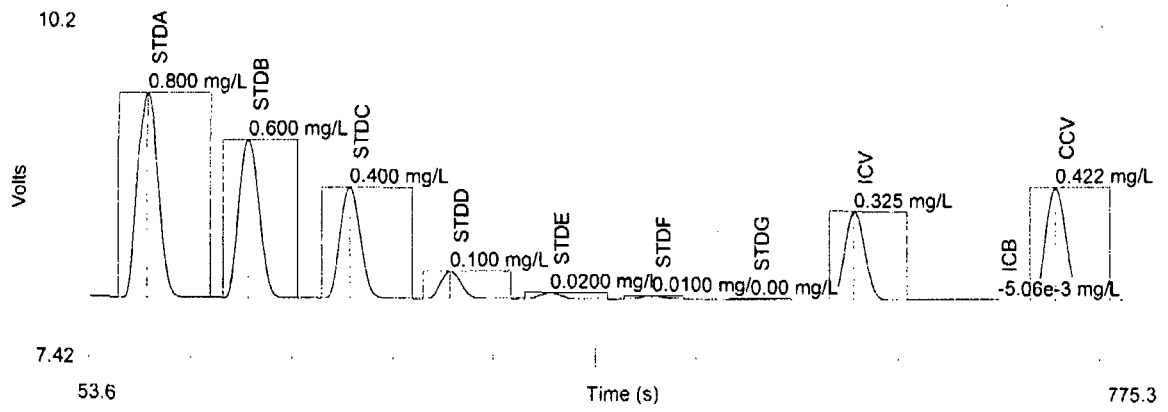
Author: Omnion User

Date : 10/25/2010

JA59310-1 A	1	16	-5.14e-3	10/25/2010@2:49:41 PM	
JA58914-1	1	17	-5.13e-3	10/25/2010@2:50:53 PM	
JA58914-2	1	18	-4.97e-3	10/25/2010@2:52:03 PM	
JA58914-3	1	19	-5.39e-3	10/25/2010@2:53:14 PM	
JA58914-4	1	20	-5.12e-3	10/25/2010@2:54:24 PM	
JA58914-5	1	21	-5.72e-3	10/25/2010@2:55:36 PM	
JA58914-6	1	22	-5.02e-3	10/25/2010@2:56:47 PM	
JA59157-1	1	23	-5.06e-3	10/25/2010@2:57:58 PM	
JA59229-1	1	24	-5.59e-3	10/25/2010@2:59:09 PM	
JA59269-1	1	25	-5.32e-3	10/25/2010@3:00:19 PM	
CCV	1	10	0.426	10/25/2010@3:01:30 PM	106.5
	Known Conc:		0.400		
CCB	1	11	-4.36e-3	10/25/2010@3:02:41 PM	
	Known Conc:		0.00		
JA59269-2 A	1	26	-4.94e-3	10/25/2010@3:03:53 PM	
GP55843-MB3	1	27	-5.25e-3	10/25/2010@3:05:05 PM	
GP55843-B3	1	28	0.282	10/25/2010@3:06:16 PM	14.54
JA58965-2 A	1	29	-5.26e-3	10/25/2010@3:07:26 PM	
JA59365-1	1	30	-5.46e-3	10/25/2010@3:08:38 PM	
JA59403-1	1	31	-5.74e-3	10/25/2010@3:09:49 PM	
JA59455-1	1	32	-5.20e-3	10/25/2010@3:11:01 PM	
JA59455-2	1	33	-4.90e-3	10/25/2010@3:12:13 PM	
JA59455-3	1	34	-4.94e-3	10/25/2010@3:13:24 PM	
CCV	1	10	0.429	10/25/2010@3:16:34 PM	107.25
	Known Conc:		0.400		
CCB	1	11	-4.07e-3	10/25/2010@3:17:46 PM	
	Known Conc:		0.00		

TV=1.94

Channel 1: Set 1 of 13



14.3

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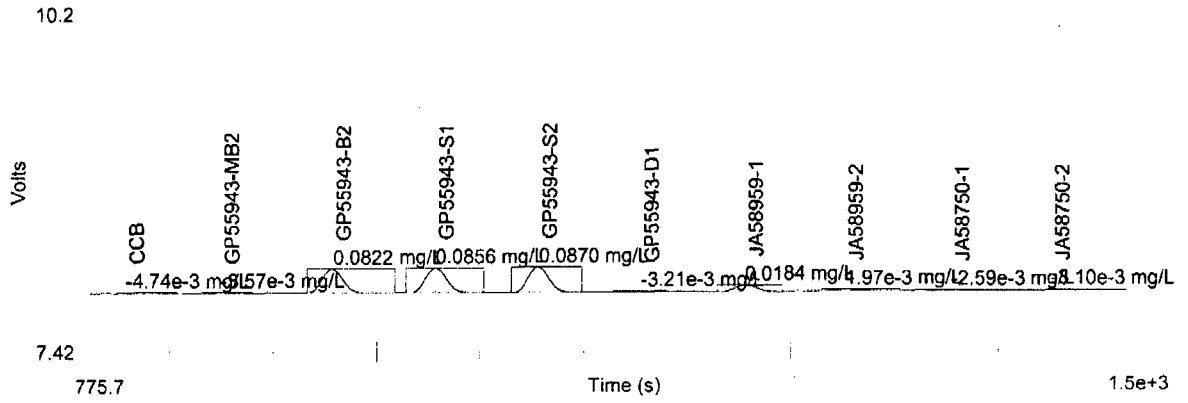
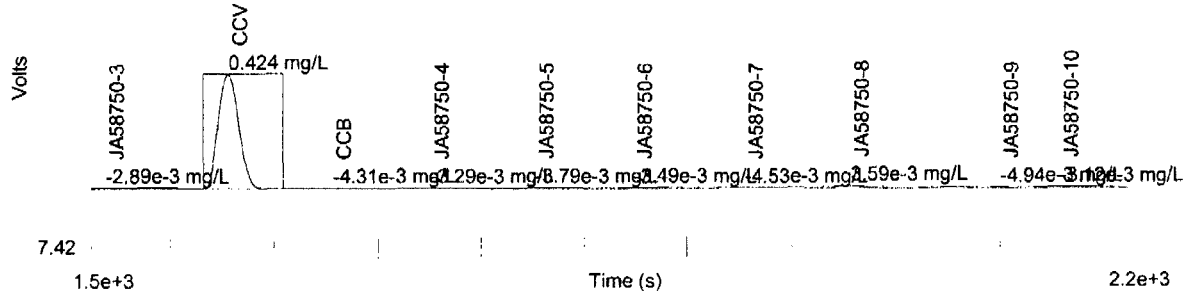
Author: Omnion User

Date : 10/25/2010

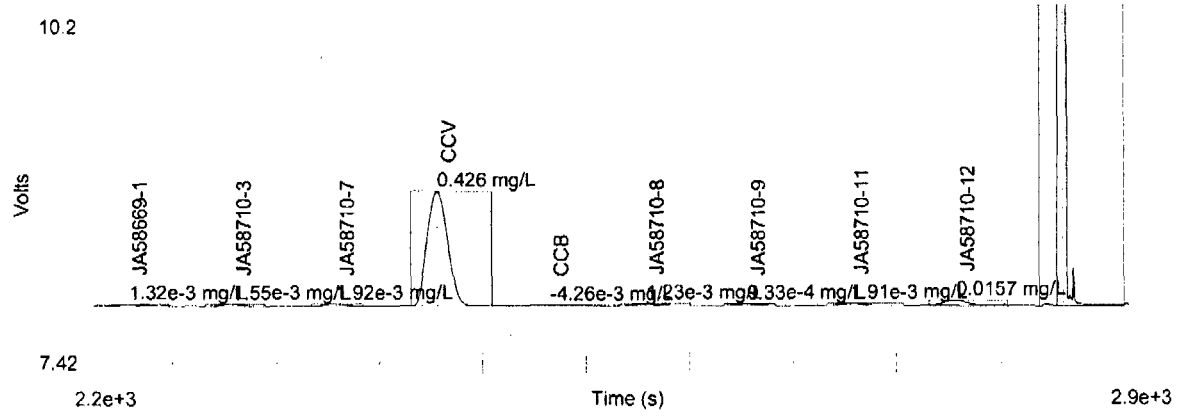
Channel 1: Set 2 of 13



Channel 1: Set 3 of 13



Channel 1: Set 4 of 13



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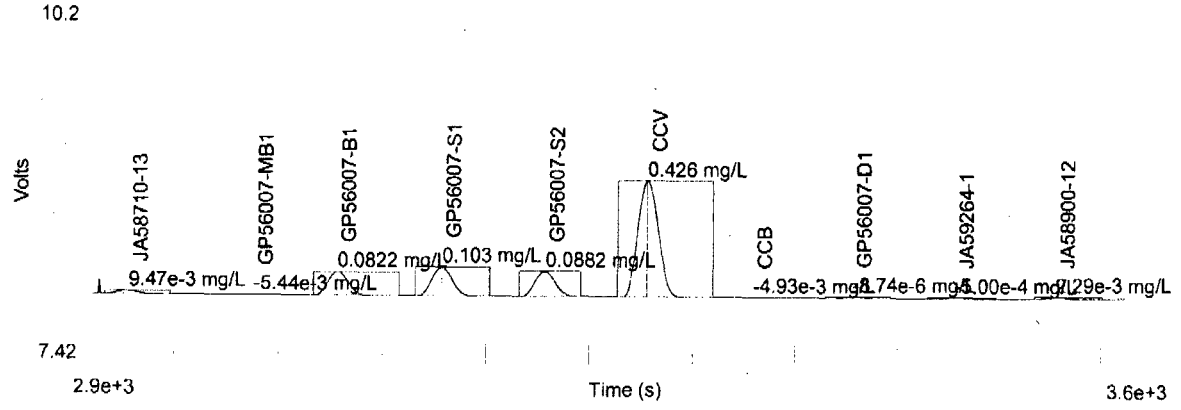
WI-CN GN43793

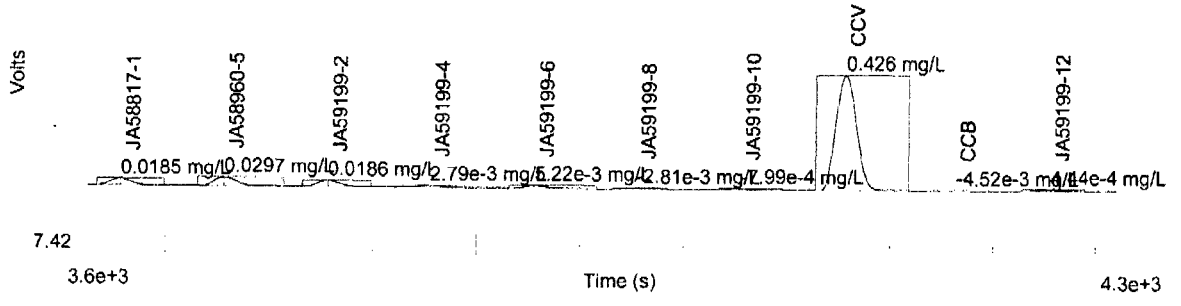
Author: Omnion User

Date : 10/25/2010

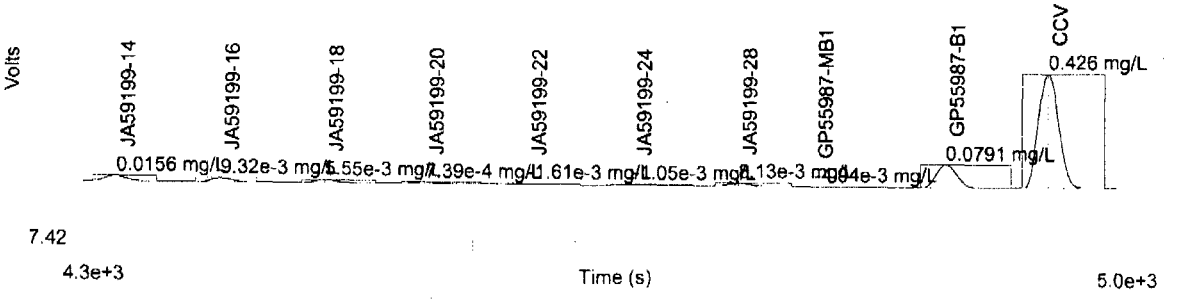
Channel 1: Set 5 of 13



Channel 1: Set 6 of 13



Channel 1: Set 7 of 13



14.3

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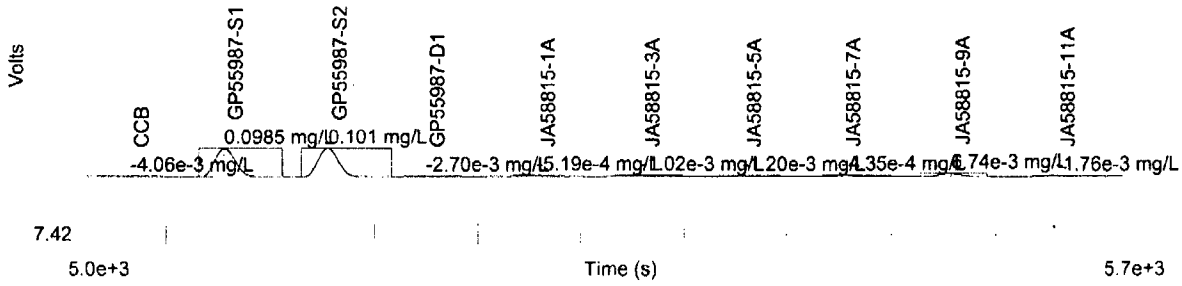
WI-CN GN43773

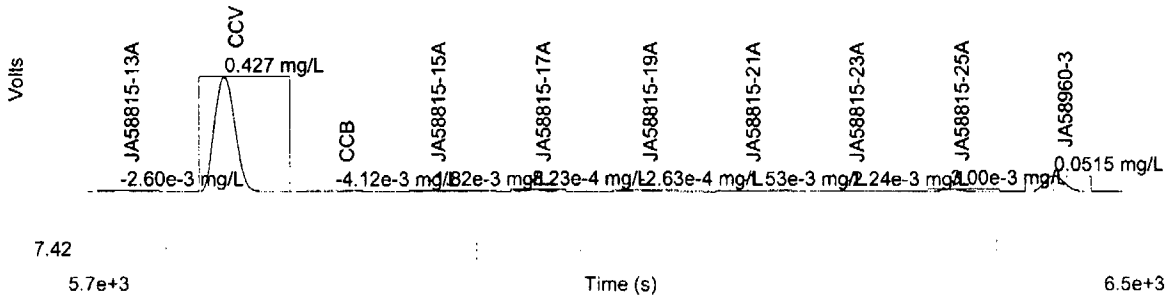
Author: Omnion User

Date : 10/25/2010

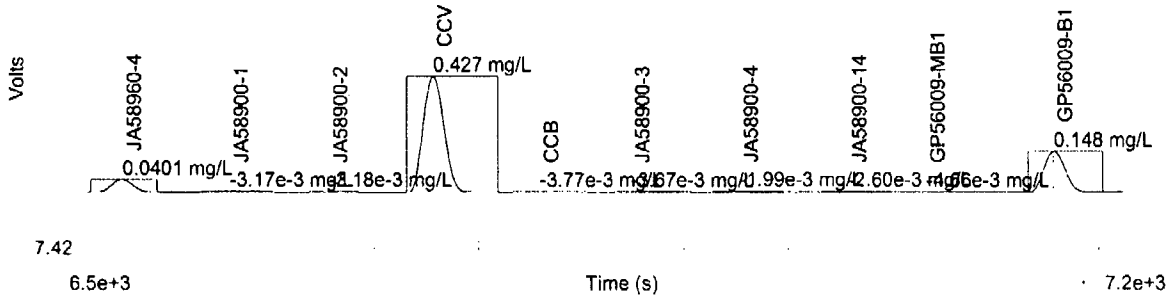
Channel 1: Set 8 of 13



Channel 1: Set 9 of 13



Channel 1: Set 10 of 13

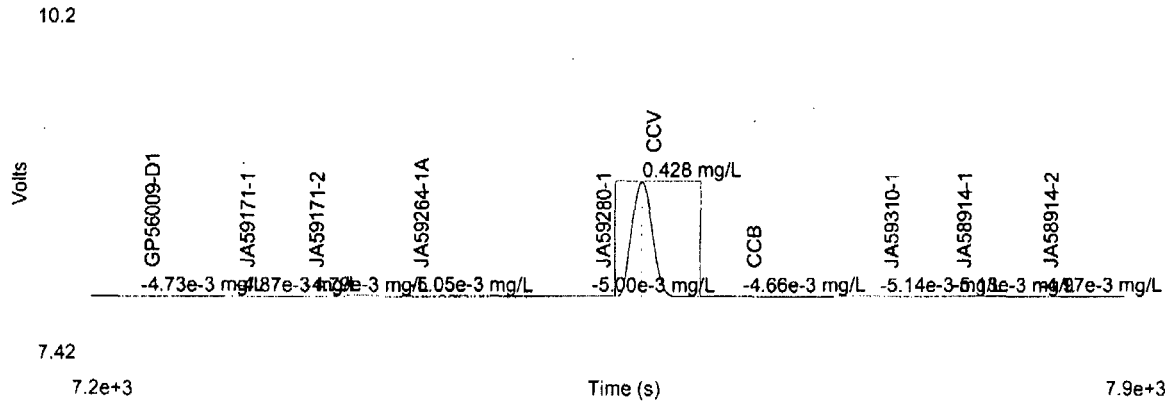


W1-CN GN43793

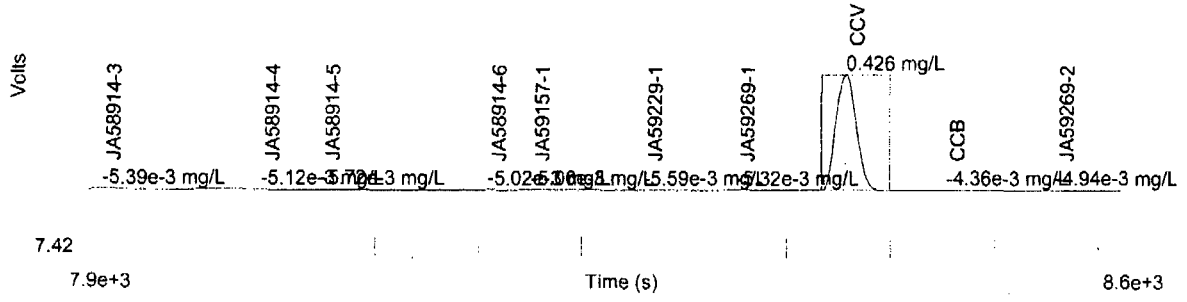
Author: Omnion User

Date : 10/25/2010

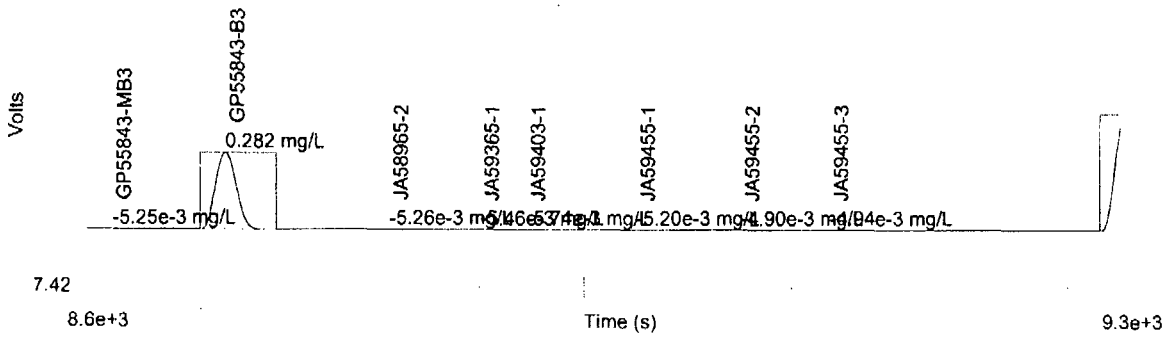
Channel 1: Set 11 of 13



Channel 1: Set 12 of 13



Channel 1: Set 13 of 13



14.3

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W1·CN GN43793

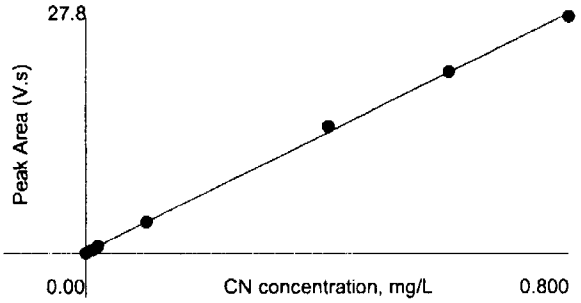
Author: Omnion User

Date : 10/25/2010

Table 1: CN

	Known Conc. (mg/L)	Rep	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc. (mg/L)	Detection Date	Detection Time
1	0.800	1	27.8	1.68	0.0	1.3	0.789	10/25/2010	12:43:08 PM
2	0.600	1	21.2	1.30	0.0	-0.4	0.602	10/25/2010	12:44:19 PM
3	0.400	1	14.8	0.914	0.0	-4.6	0.419	10/25/2010	12:45:29 PM
4	0.100	1	3.66	0.229	0.0	0.3	0.0998	10/25/2010	12:46:39 PM
5	0.0200	1	0.834	0.0532	0.0	5.5	0.0188	10/25/2010	12:47:50 PM
6	0.0100	1	0.392	0.0266	0.0	26.5	6.17e-3	10/25/2010	12:49:01 PM
7	0.00	1	0.0383	4.49e-3			-3.96e-3	10/25/2010	12:50:11 PM

Figure 1: CN



Area = 34.9 * Conc + 0.184
Conc = 0.0286 * Area - 5.05e-3
Correlation Coefficient (r) = 0.99961

No Weighting

14.3

14

Author: On

C102510W2.CN Date : 10/ GN43793

Original Run Filename: OM_10-25-2010_04-07-54PM.OMN created 10/25/2010 4:07:54 PM
Original Run Author's Signature: [Omnion User]
Current Run Filename: OM_10-25-2010_04-07-54PM.OMN last modified 10/25/2010 4:17:52 PM
Current Run Author's Signature: [Omnion User]
Description: Default New Run

Sample	Rep.	Cup No.	Channel 1 CN (mg/L)	Detection Time	MDF	% REC
CCV	1	10	0.412	10/25/2010@4:08:50 PM		103
	Known Conc:		0.400			
	Calibration:		Table/Fig. 1			
CCB	1	11	-3.86e-3	10/25/2010@4:10:01 PM		
	Known Conc:		0.00			
JA59669-1 (A)	1	35	-5.34e-3	10/25/2010@4:11:12 PM		
CCV	1	10	0.408	10/25/2010@4:14:22 PM		102
	Known Conc:		0.400			
CCB	1	11	-4.46e-3	10/25/2010@4:15:33 PM		
	Known Conc:		0.00			

Channel 1: Set 1 of 1

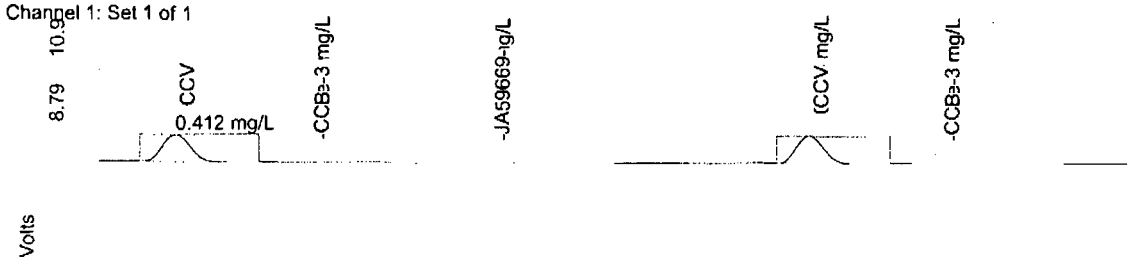


Table 1: CN

	Known Conc. (mg/L)	Rep	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc. (mg/L)	Detection Date	Detection Time
1	0.00	1	0.0[illegible]	4.49[illegible]	0.0	26.6	-3.86e-3	10/25/2010	12:[illegible] PM
2	0.00	1	0.0[illegible]	4.[illegible]	0.0	53.3	[illegible]	[illegible]	[illegible]
3	0.00	1	0.0[illegible]	[illegible]	0.0	4.0	[illegible]	[illegible]	[illegible]
4	0.00	1	0.0[illegible]	[illegible]	0.0	4.3	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

14.3 14

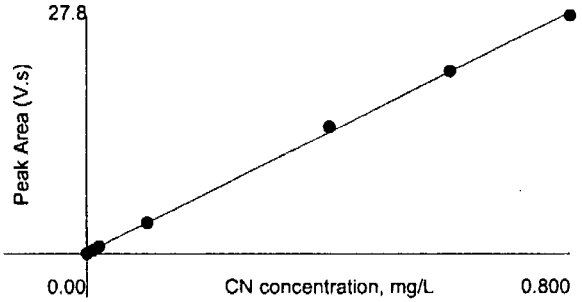
-1-

W2-CN GN43793

Author: Omnion User

Date : 10/25/2010

Figure 1: CN



Area = 34.9 * Conc + 0.184
Conc = 0.0286 * Area - 5.05e-3
Correlation Coefficient (r) = 0.99961

No Weighting

14.3

14

Creator : Omnion User
Creation Date : 6/24/2010 11:00:55 AM
Last Modified : 10/18/2010 12:26:31 PM
Description : C10251OW1-CN GN43793

Cup	Sample ID	MDF	Weight	Sample Type	Comments
1	STDA			Calibration Standard	
2	STDB			Calibration Standard	
3	STDC			Calibration Standard	
4	STDD			Calibration Standard	
5	STDE			Calibration Standard	
6	STDF			Calibration Standard	
7	STDG			Calibration Standard	
8	ICV			Check Standard	
9	ICB			Check Standard	
10	CCV			Check Standard	
11	CCB			Check Standard	
12	GP55943-MB2			Unknown	
13	GP55943-B2			Unknown	
14	GP55943-S1			Unknown	
15	GP55943-S2			Unknown	
16	GP55943-D1			Unknown	
17	JA58959-1			Unknown	
18	JA58959-2			Unknown	
19	JA58750-1			Unknown	
20	JA58750-2			Unknown	
21	JA58750-3			Unknown	
10	CCV			Check Standard	
11	CCB			Check Standard	
22	JA58750-4			Unknown	
23	JA58750-5			Unknown	
24	JA58750-6			Unknown	
25	JA58750-7			Unknown	
26	JA58750-8			Unknown	
27	JA58750-9			Unknown	
28	JA58750-10			Unknown	
29	JA58669-1			Unknown	
30	JA58710-3			Unknown	
31	JA58710-7			Unknown	
10	CCV			Check Standard	
11	CCB			Check Standard	
32	JA58710-8			Unknown	
33	JA58710-9			Unknown	
34	JA58710-11			Unknown	
35	JA58710-12			Unknown	
36	Sample36			Unknown	

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37	JA58710-13			Unknown	
38	GP56007-MB1			Unknown	
39	GP56007-B1			Unknown	
40	GP56007-S1			Unknown	
1	GP56007-S2			Unknown	
10	CCV			Check Standard	
11	CCB			Check Standard	
2	GP56007-D1			Unknown	
3	JA59264-1			Unknown	
4	JA58900-12			Unknown	
5	JA58817-1			Unknown	
6	JA58960-5			Unknown	
7	JA59199-2			Unknown	
8	JA59199-4			Unknown	
9	JA59199-6			Unknown	
12	JA59199-8			Unknown	
13	JA59199-10			Unknown	
10	CCV			Check Standard	
11	CCB			Check Standard	
14	JA59199-12			Unknown	
15	JA59199-14			Unknown	
16	JA59199-16			Unknown	
17	JA59199-18			Unknown	
18	JA59199-20			Unknown	
19	JA59199-22			Unknown	
20	JA59199-24			Unknown	
21	JA59199-28			Unknown	
22	GP55987-MB1			Unknown	
23	GP55987-B1			Unknown	
10	CCV			Check Standard	
11	CCB			Check Standard	
24	GP55987-S1			Unknown	
25	GP55987-S2			Unknown	
26	GP55987-D1			Unknown	
27	JA58815-1A			Unknown	
28	JA58815-3A			Unknown	
29	JA58815-5A			Unknown	
30	JA58815-7A			Unknown	
31	JA58815-9A			Unknown	
32	JA58815-11A			Unknown	
33	JA58815-13A			Unknown	
10	CCV			Check Standard	
11	CCB			Check Standard	
34	JA58815-15A			Unknown	
35	JA58815-17A			Unknown	

W01-CN GN43793

36	JA58815-19A			Unknown	
37	JA58815-21A			Unknown	
38	JA58815-23A			Unknown	
39	JA58815-25A			Unknown	
40	JA58960-3			Unknown	
1	JA58960-4			Unknown	
2	JA58900-1			Unknown	
3	JA58900-2			Unknown	
10	CCV			Check Standard	
11	CCB			Check Standard	
4	JA58900-3			Unknown	
5	JA58900-4			Unknown	
6	JA58900-14			Unknown	
7	GP56009-MB1			Unknown	
8	GP56009-B1			Unknown	
9	GP56009-D1			Unknown	
12	JA59171-1			Unknown	
13	JA59171-2			Unknown	
14	JA59264-1A			Unknown	
15	JA59280-1			Unknown	
10	CCV			Check Standard	
11	CCB			Check Standard	
16	JA59310-1			Unknown	
17	JA58914-1			Unknown	
18	JA58914-2			Unknown	
19	JA58914-3			Unknown	
20	JA58914-4			Unknown	
21	JA58914-5			Unknown	
22	JA58914-6			Unknown	
23	JA59157-1			Unknown	
24	JA59229-1			Unknown	
25	JA59269-1			Unknown	
10	CCV			Check Standard	
11	CCB			Check Standard	
26	JA59269-2			Unknown	
10	CCV			Check Standard	
11	CCB			Check Standard	

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W01.CN

GN43793

Analyte Table	CN
	(mg/L)
STDA	0.800
STDB	0.600
STDC	0.400
STDD	0.100
STDE	0.0200
STDF	0.0100
STDG	0.00

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ACCUTEST.

GN43793

Batch ID:

Autopipette ID:

Balance ID: B14

CYANIDE DISTILLATION LOG (SOILS- MICRO DISTILLATION)

Method: SW846 9012B M

GP55943 redo

NO.	Bottle #	Block #	Sample ID	pH	S2-	Add (a)	Initial Weight (g)	Final Volume (ml)	Temp. in Deg. C (b)	Start Time	End Time	Date	QC ID	Spike Amounts and Comments including Spike Lots	Analyst
			MB2	12	-			6	120	16:10	16:40	10/22/10	GP -MB1		BL
			BSP2										GP -B1	0.10 ml of 5.0 mg/l (c)	
	3		MS1 JA58750-1				0.50						GP -S1	0.10 ml of 5.0 mg/l	
			MS2 JA58710-3				0.56						GP -S2	0.10 ml of 5.0 mg/l	
	3		Dup JA58750-1				0.55						GP -D1		
1	3		JA58959-1				0.53								
2			-2				0.50								
3	1		JA58750-1				0.56							QC gray water	
4			-2				0.58								
5			-3				0.57								
6	2		-4				0.53								
7			-5				0.55								
8			-6				0.56								
9			-7				0.51								
10			-8				0.57								
11			-9				0.56								
12	1		-10				0.54								
13			JA58669-1				0.58								
14			JA58710-3				0.54							QC gray water	
15			-7				0.52								
16			-8				0.50								
17			-9				0.51								
18			-11				0.53								
19			-12				0.51								
20			-13				0.56								

(a) Check if sulfamic acid was added.

(b) Record temp. from the LED readout on the distillation block. Temperatures verified with an external thermometer a min. of once per quarter.

(c) If the calibration curve is not distilled, then in addition to the blank spike, the analyst must also prepare two distilled standards using 0.12 ml of 1.0 mgl for one and 0.15 ml of 20.0 mg/l for the other.

Comments:

Spike = 1.03 - mls of 968 - ppm CN STD, ↑200-mls with 0.25 N from 0.95 N NaOH

QC Reviewer: Date:

Form: GN0012-03A

Rev. Date: 12/15/09

QC Reports:

GN43793

ACCUTEST

GN43793

Batch ID:

Autopipette ID:

Balance ID: B 14

GP56007

CYANIDE DISTILLATION LOG (SOILS- MICRO DISTILLATION)

Method: SW846 9012B M

NO	Bottle #	Block #	Sample ID	pH	S2-	Add (a)	Initial Weight (g)	Final Volume (ml)	Temp. in Deg. C (b)	Start Time	End Time	Date	QC ID	Spike Amounts and Comments including Spike Lots	Analyst
			MB	12	-			6	120	16:15	16:45	10/22/10	GP -MB1		BL
			LCSP										GP -B1	0.10 ml of 5.0 mg/l (c)	
			MS1JA59199-12				0.56						GP -S1	0.10 ml of 5.0 mg/l	
			MS2JA59000-12				0.50						GP -S2	0.10 ml of 5.0 mg/l	
			DupJA59199-12				0.55						GP -D1		
1			JA59264-1				0.54								
2			JA58900-12				0.58							Qc graywatery	
3			JA58817-1				0.52								
4			JA58960-5				0.54								
5			JA59199-2				0.50								
6			-4				0.50								
7			-6				0.55								
8			-8				0.56								
9			-10				0.54								
10			-12				0.50							Qc brown dry	
11			-14				0.58								
12			-16				0.51								
13			-18				0.54								
14			-20				0.50								
15			-22				0.54								
16			-24				0.58								
17			-28				0.59								

(a) Check if sulfamic acid was added.

(b) Record temp. from the LED readout on the distillation block. Temperatures verified with an external thermometer a min. of once per quarter.

(c) If the calibration curve is not distilled, then in addition to the blank spike, the analyst must also prepare two distilled standards using 0.12 ml of 1.0 mgl for one and 0.15 ml of 20.0 mg/l for the other.

Comments:

Table = 1.03 - ml = 968 - [illegible] STD, [illegible] N from 0.95 N NaOH

QC Reviewer: Date:

Form: GN0012-03A

Rev. Date: 12/15/09

ACCUTEST LABORATORIES JA58900

QC Reports:

GN43793

ACCUTEST

GN43730

GN43793

Batch ID:

Autopipette ID:

Balance ID: B 14

QC Reports:

CYANIDE DISTILLATION LOG (SOILS- MICRO DISTILLATION)

Method: SW846 9012B M

GP55987

NO.	Bottle #	Block #	Sample ID	pH	S2-	Add (a)	Initial Weight (g)	Final Volume (ml)	Temp. in Deg. C (b)	Start Time	End Time	Date	QC ID	Spike Amounts and Comments including Spike Lots	Analyst
			MB	12	–			6	120	15:40	16:10	10/21/10	GP -MB1		BCr
			BSP										GP -B1	0.10 ml of 5.0 mg/l (c)	
	1		MS1 JA58900-3				0.53						GP -S1	0.10 ml of 5.0 mg/l	
			MS2 JA58815-1A				0.50						GP -S2	0.10 ml of 5.0 mg/l	
			DUP JA58900-3				0.56						GP -D1		
1			JA58815-1A				0.52							QC red dye	
2			-3A				0.51								
3			-5A				0.50								
4			-7A				0.54								
5			-9A				0.51								
6			-11A				0.55								
7			-13A				0.52								
8			-15A				0.52								
9			-17A				0.57								
10			-19A				0.56								
11			-21A				0.58								
12			-23A				0.58								
13			-25A				0.59								
14			JA58960-3				0.57								
15			-4				0.55								
16	2		JA58900-1				0.51								
17	2		-2				0.58								
18	4		-3				0.57							QC gray wet	
19	1		-4				0.53								
20	1		-14				0.50								

(a) Check if sulfamic acid was added.

(b) Record temp. from the LED readout on the distillation block. Temperatures verified with an external thermometer a min. of once per quarter.

(c) If the calibration curve is not distilled, then in addition to the blank spike, the analyst must also prepare two distilled standards using 0.12 ml of 1.0 mgl for one and 0.15 ml of 20.0 mg/l for the other.

Comments:

Spike = 1.03 mls of 968 ppm CN STD, 1200 mls with 0.25 N from 0.95 N NaOH

QC Reviewer: Date:

Form: GN0012-03A

Rev. Date: 12/15/09

GN43793

ACCUTEST.

GN43793

Balance ID = 6 14

CYANIDE/~~SULFIDE~~ REACTIVITY DISTILLATION LOG (SOILS)

METHOD: SW846 Chapter 7

Bottle #	No.	Sample ID (GPS6009)	Initial Weight (g)	Final Volume (ml)	Date	GP Number (a)	Spike Amounts and Comments including Spike Lots	Analyst
1		Dup JA58914-1	10.00	500	10/22/10	GP -D1		MW
		BSP				GP -B1	~~5.0~~ 10 ml of _____ mg/l CN Spike ID:	
						GP -B2	5.0 ml of _____ mg/l S Spike ID:	
		MB				GP -MB1		
2	1	JA59171-1	10.00					
2	2	2	9.98					
1	3	JA59264-1A	10.01					
1	4	JA59280-1	9.98					
1	5	JA59310-1	9.95					
1	6	JA58914-1	10.04				Brown + Rocks	
1	7	2	9.98					
1	8	3	9.97					
1	9	4	9.98					
1	10	5	9.95					
1	11	6	9.96					
1	12	JA59157-1	9.97					
1	13	JA59229-1	10.02					
1	14	JA59269-1	9.96					
1	15	2	9.99					

Comments: CrPAC: 20 ml of 968ppm CN Stock + 200 ml of 0.25N NaOH

QC Reviewer: _____ Date: _____

Form: GN-019

Rev. Date: 2/4/99

14.3 14

ACCUTEST

Reagent Information Log - CREAC and SREAC Distillations

GP Numbers: Cp 56008 Cp 56009 GN43793

Reagent	Reagent # or Manufacturer/Lot	Expiration date	Standardization Date
Cyanide Spike Solution	GNEB-25303-CN	12/19/10	10/20/10
Sulfide Spike Solution	Fisher lot # 064238	N/A	NA
Sulfuric Acid, 0.010 N	GNE10-26455-REAC	4/22/11	NA
Sodium Hydroxide, 0.25 N	GNE10-26395-CN	3/23/11	NA

14.3 14

Form: GN-087 1-64
Rev. Date: 3/12/04

ACCUTEST.

GN43793
GP55843

CYANIDE/SULFIDE REACTIVITY DISTILLATION LOG (AQUEOUS)
METHOD: SW846 Chapter 7

No.	Sample ID	Initial Vol. (ml)	Final Volume (ml)	Date	GP Number (a)	Spike Amounts and Comments including Spike Lots	Analyst
	DUP JA57726-1	10	500	10/13/10	GP -D1		QE
					GP -B1	5.0 ml of _____ mg/l CN Spike ID:	
	BSP	10	500		GP -B2	10 ~~5.0~~ ml of 96-E mg/l S Spike ID:	
	MB				GP -MB1		
1	JA57726-1						
2	↓ -2						
	MB2	10ml	500	10/20/10			BC
	BSP2					10ml of CR.EAC	
3	JA58327-1						
	MB3			10/25/10			BC
	BSP3					10ml of CR.EAC	
4	JA58965-2						
5	JA59669-1						

Comments: GC = white liquid

BSP = 20 ml of CN STD 968ppm + 200 ml of 0.25N NaOH

QC Reviewer: _____ Date: _____

Form: GN-020
Rev. Date: 2/4/99

14.3 14

ACCUTEST.

GN43793

CYANIDE/~~SULFIDE~~ REACTIVITY DISTILLATION LOG (SOILS)

Balance ID = 6 14

METHOD: SW846 Chapter 7

Bottle #	No.	GP56009 Sample ID	Initial Weight (g)	Final Volume (ml)	Date	GP Number (a)	Spike Amounts and Comments including Spike Lots	Analyst
1		Dup JA58914-1	10.00	500	10/22/10	GP -D1		MW
		BSP				GP -B1	~~5.0~~ 10 ml of _____ mg/l CN Spike ID:	
						GP -B2	5.0 ml of _____ mg/l S Spike ID:	
		MB				GP -MB1		
2	1	JA59171-1	10.00					
2	2	2	9.98					
1	3	JA59264-1A	10.01					
1	4	JA59280-1	9.98					
1	5	JA59310-1	9.95					
1	6	JA58914-1	10.04				Brown + Rocks	
1	7	2	9.98					
1	8	3	9.97					
1	9	4	9.98					
1	10	5	9.95					
1	11	6	9.96					
1	12	JA59157-1	9.97					
1	13	JA59229-1	10.02					
1	14	JA59269-1	9.96					
1	15	2	9.99					
		MB2		500	10/25/10			BG
		BSP					10ml c + CREAC	
	16	JA59365-1	10.07					
	17	JA59403-1	10.03					
	18	JA59455-1	9.99					
	19	-2	9.96					
	20	-3	9.98					

Comments: CREAC: 20ml of 968ppm CN stock + 200ml of 0.25N NaOH

QC Reviewer: _____ Date: _____

Form: GN-019

Rev. Date: 2/4/99

14.3 14

ACCUTEST

Reagent Information Log - CREAC and SREAC Distillations

GP Numbers: GN43793

Reagent	Reagent # or Manufacturer/Lot	Expiration date	Standardization Date
Cyanide Spike Solution	GNE6-25303-CN	12/18/10	10/20/10
Sulfide Spike Solution	fisher # 064238	—	NA
Sulfuric Acid, 0.010 N	GNE10-26455-REAC	4/22/11	NA
Sodium Hydroxide, 0.25 N	GNE10-26396-CN	4/22/10	NA

14.3 14

Form: GN-087 1-64
Rev. Date: 3/12/04

ACCUTEST

GENERAL CHEMISTRY STANDARD PREPARATION LOG for CYANIDE

GN or GP Number: GN43793

Intermediate Standard Description	Stock used to prepare standard	Standard-ization Date	Stock concentration in mg/l	Stock volume used in ml (a)	Diluent (b)	Final Volume in ml	Final Conc. of Intermediate (mg/l)	Expiration Date (c)	Analyst	Date
Standards Stock	GNE6-25303-CN	10/20/10	968	1.03	.25 N NaOH	200	5.0	12/18/10	BG	10/23/10
Distilled ICV Stock	GNE				.25 N NaOH	200	5.0			
Undistilled ICV Int.	GNE5-25072-CN	10/20/10	964	2.07	.25 N NaOH	100	20	11/25/10	NP	10/25/10
Undistilled CCV Int.	GNE6-25303-CN	↓	968	2.07	.25 N NaOH	100	20	12/18/10	↓	↓

Standard Description	Intermediate or Stock used to prepare standard		Intermediate or Stock concentration in mg/l	Intermediate or Stock volume used in ml	Diluent (b)	Final Volume in ml	Final Conc. of Standard (mg/l)	Expiration Date (c)	Analyst	Date
A	5.0		5.0	16.00	.25 N NaOH	100	0.80	11/6/10	BG	10/23/10
B	5.0		5.0	12.00	.25 N NaOH	100	0.60	↓	↓	↓
C	5.0		5.0	8.00	.25 N NaOH	100	0.40			
D	5.0		5.0	2.00	.25 N NaOH	100	0.10			
E	5.0		5.0	0.40	.25 N NaOH	100	0.02			
F	5.0		5.0	0.20	.25 N NaOH	100	0.01			
Undistilled ICV	ICV Int.		20	1.5	.25 N NaOH	100	0.3	10/25/10	NP	10/25/10
Undistilled CCV	CCV Int.		20	2.0	.25 N NaOH	100	0.4	↓	↓	↓

(a) Concentration will change with standardization concentration.

(b) Diluent reagent reference number: see attached Expiration Date:

(c) Standards must be made fresh (daily) before distillation. After distillation, they may be held under refrigeration for a maximum of 28 days before analysis.

Reason codes for data corrections : 1 - reviewer error correction; 2 - transcription error; 3-computer error; 4- analyst error

Form: GP200-01
Rev. Date: 7/18/06

ACCUTEST LABORATORIES

JA58900

ACCUTEST

GN43793

CYANIDE DISTILLATION LOG (WATERS - MICRO DISTILLATION)

CN METHOD: EPA 335.2M/335.4 CNA METHOD: EPA 335.1

Btl #	No.	Block	Sample ID	pH	S^{2-}	Add (a)	Initial Volume (ml)	Final Volume (ml)	Date	GP Number (a)	Spike Amounts and Comments including Spike Lots	Analyst
										GP -D1		
										GP -S1	0.1 ml of 5.0 mg/l Spike ID:	
										GP -B1	0.1 ml of 5.0 mg/l Spike ID:	
										GP -MB1		
			Calibration Curve									
			0	12		✓	6	6	10/23/10		6ml .25N NaOH	BL
			.01			✓					6ml .01 ppm	
			.02			✓					6ml .02ppm	
			.1			✓					6ml .1ppm	
			.4			✓					6ml .4ppm	
			.6			✓					6ml .6ppm	
			.8			✓					6ml .8ppm	

(a) Check if sulfamic acid was added.
(b) Add method blanks/spike blanks as appropriate. A minimum of one method blank/spike blank per day is required.

Reason codes for data corrections: 1-reviewer error correction: 2-transcription error; 3-computer error; 4-analyst error

QC Sample Description

Comments:

QC Reviewer: Date:

Form: GN-012
Rev. Date: 9/6/06

14.3 14

ACCUTEST

Reagent Information Log - CN - Distillation

GP Numbers: GN43793

Reagent	Reagent # or Manufacturer/Lot	Expiration date
Magnesium Chloride Solution	GNE9-26098-CN	3/14/11
Sulfamic Acid	Acros A0274254	8/27/15
Sulfuric Ac id	JT Baker J04F05	7/26/15
Sodium Hydroxide 1.25N/0.25N	GNE10-26392-CN	3/13/11
Cadmium Carbonate, Powder		
Micro Distillation tubes	Lachat # 9/24/10	
.95 NaOH	GNE10-26319-CN	3/7/11
Cyanide Stock STD	GNE6-25303-CN	12/18/10

Reason codes for data corrections: 1-reviewer error correction; 2-transcription error; 3-computer error; 4-analyst error

14.3 14

Form: GN0871-28
Rev. Date: 07/19/06

ACCUTEST

Reagent Information Log - CN Lachat Autoanalyzer

GN Number: GN43793

Reagent	Reagent # or Manufacturer/Lot	Expiration date
Pyridine-Bartituric Acid Reagent	GNE11-26464-CN	4/25/2011
Chloramine-T	GNE11-26463-CN	11/1/2010
Phosphate Buffer Solution, 1.0 M	GNE10-26349-CN	4/11/2011
0.25 N Sodium Hydroxide Carrier Solution	GNE10-26435-CN	3/7/2011

Reason codes for data corrections: 1-reviewer error correction: 2-transcription error; 3-computer error; 4-analyst error

14.3 14

Form: GN0871-27
Rev. Date: 7/19/06

GN43947

Author: Omnion User

Date : 10/28/2010

Original Run Filename: OM_10-28-2010_09-54-20AM.OMN created 10/28/2010 9:54:20 AM
Original Run Author's Signature: [Omnion User]
Current Run Filename: OM_10-28-2010_09-54-20AM.OMN last modified 10/28/2010 11:20:10 AM
Current Run Author's Signature: [Omnion User]
Description: Default New Run

Sample	Rep.	Cup No.	Channel 2 NO32	Detection Time	MDF	% REC
STDA	1	1	5.00	10/28/2010@9:55:07 AM		
STDB	1	2	2.50	10/28/2010@9:55:58 AM		
STDC	1	3	1.00	10/28/2010@9:56:49 AM		
STDD	1	4	0.500	10/28/2010@9:57:39 AM		
STDE	1	5	0.200	10/28/2010@9:58:29 AM		
STDF	1	6	0.100	10/28/2010@9:59:20 AM		
STDG	1	7	0.00	10/28/2010@10:00:10 AM		
EFFCHK	1	8	2.00	10/28/2010@10:01:00 AM		100
	Known Conc:		2.00			
	Calibration:		Table/Fig. 1			
ICV	1	9	1.90	10/28/2010@10:01:50 AM		95
	Known Conc:		2.00			
ICB	1	10	-0.0106	10/28/2010@10:02:40 AM		
	Known Conc:		0.00			
CCV	1	11	2.57	10/28/2010@10:03:30 AM		102.8
	Known Conc:		2.50			
CCB	1	12	-0.0116	10/28/2010@10:04:19 AM		
	Known Conc:		0.00			
GP56070-MB1	1	13	-7.67e-3	10/28/2010@10:05:09 AM		
GP56070-B1	1	14	2.15	10/28/2010@10:05:58 AM		107.5
GP56070-S1	1	15	4.31	10/28/2010@10:06:47 AM		93
GP56070-S2 (2)	1	16	3.97	10/28/2010@10:07:38 AM		
GP56070-D1	1	17	2.44	10/28/2010@10:08:29 AM		
JA59930-1 (A)	1	18	-5.54e-3	10/28/2010@10:09:19 AM		
JA59930-2	1	19	0.995	10/28/2010@10:10:09 AM		
JA59930-3	1	20	2.62	10/28/2010@10:11:00 AM		
JA59930-4	1	21	3.34	10/28/2010@10:11:50 AM		
JA59826-1	1	22	-6.80e-3	10/28/2010@10:12:40 AM		
CCV	1	11	2.57	10/28/2010@10:13:30 AM		102.8
	Known Conc:		2.50			
CCB	1	12	-8.19e-3	10/28/2010@10:14:19 AM		
	Known Conc:		0.00			
JA59826-2 (A)	1	23	2.45	10/28/2010@10:15:09 AM		
JA59826-3	1	24	1.45	10/28/2010@10:15:59 AM		
JA59826-4	1	25	1.49	10/28/2010@10:16:49 AM		
JA59336-1 (2)	1	26	2.94	10/28/2010@10:17:38 AM		
JA59336-2	1	27	14.1	10/28/2010@10:18:28 AM		
Sample interference — JA59336-3	1	28	3.96	10/28/2010@10:19:18 AM		
JA59336-4 (A)	1	29	0.838	10/28/2010@10:20:07 AM		
JA59336-5	1	30	1.88	10/28/2010@10:20:55 AM		
JA59336-7	1	31	2.67	10/28/2010@10:21:47 AM		
JA59336-8	1	32	1.77	10/28/2010@10:22:37 AM		
CCV	1	11	2.58	10/28/2010@10:23:27 AM		103.2
	Known Conc:		2.50			
CCB	1	12	-9.06e-3	10/28/2010@10:24:17 AM		
	Known Conc:		0.00			
JA59336-10 (A)	1	33	3.90	10/28/2010@10:25:07 AM		
JA59336-11	1	34	0.0165	10/28/2010@10:25:58 AM		
JA59336-12	1	35	3.72	10/28/2010@10:26:48 AM		
JA59336-13	1	36	3.94	10/28/2010@10:27:39 AM		
JA59341-1	1	37	0.0211	10/28/2010@10:28:30 AM		
GP56071-MB1	1	38	-7.81e-3	10/28/2010@10:29:21 AM		
GP56071-B1	1	39	2.01	10/28/2010@10:30:10 AM		100.5
GP56071-S1	1	40	3.50	10/28/2010@10:31:00 AM		101
GP56071-S2	1	41	3.06	10/28/2010@10:31:50 AM		98.5
GP56071-D1	1	42	1.47	10/28/2010@10:32:40 AM		
CCV	1	11	2.59	10/28/2010@10:33:30 AM		103.6
	Known Conc:		2.50			
CCB	1	12	-9.38e-3	10/28/2010@10:34:19 AM		
	Known Conc:		0.00			

14.4 14

W-N03 GN43947

Author: Omnion User

Date : 10/28/2010

JA59341-2 (A)	1	43	-1.21e-4	10/28/2010@10:35:08 AM		
JA59341-3	1	44	1.89e-3	10/28/2010@10:36:01 AM		
JA59341-4	1	45	1.09	10/28/2010@10:36:50 AM		
JA59341-5	1	46	-9.67e-3	10/28/2010@10:37:41 AM		
JA59341-6	1	47	7.55e-3	10/28/2010@10:38:32 AM		
JA59341-7	1	48	0.0659	10/28/2010@10:39:22 AM		
JA59341-8	1	49	2.03e-3	10/28/2010@10:40:13 AM		
JA59341-9	1	50	0.0991	10/28/2010@10:41:03 AM		
JA59341-10	1	51	-0.0107	10/28/2010@10:41:53 AM		
JA59406-6	1	52	0.0520	10/28/2010@10:42:43 AM		
CCV	1	11	2.50	10/28/2010@10:43:34 AM		100
	Known Conc:		2.50			
CCB	1	12	-8.71e-3	10/28/2010@10:44:23 AM		
	Known Conc:		0.00			
JA59406-10 (A)	1	53	9.21e-4	10/28/2010@10:45:13 AM		
JA59406-14	1	54	0.196	10/28/2010@10:46:02 AM		
JA59406-21	1	55	1.48	10/28/2010@10:46:52 AM		
JA59406-23	1	56	1.05	10/28/2010@10:47:42 AM		
JA59406-27	1	57	0.127	10/28/2010@10:48:32 AM		
JA59406-28	1	58	2.87e-3	10/28/2010@10:49:21 AM		
JA59406-31	1	59	0.0324	10/28/2010@10:50:11 AM		
JA59406-32	1	60	3.47	10/28/2010@10:51:00 AM		
JA59406-38 (2)	1	1	6.24	10/28/2010@10:51:51 AM		
JA59406-39 (A)	1	2	0.0333	10/28/2010@10:52:42 AM		
CCV	1	11	2.47	10/28/2010@10:53:31 AM		98.8
	Known Conc:		2.50			
CCB	1	12	-8.20e-3	10/28/2010@10:54:21 AM		
	Known Conc:		0.00			
GP56059-MB1	1	3	-2.05e-3	10/28/2010@10:55:12 AM		
GP56059-B1	1	4	0.976	10/28/2010@10:56:02 AM		97.6
GP56059-S1	1	5	0.897	10/28/2010@10:56:53 AM		89.7
GP56059-D1	1	6	-3.88e-3	10/28/2010@10:57:43 AM		
JA58900-1 (A)	1	7	-1.48e-5	10/28/2010@10:58:34 AM		
JA58900-2	1	8	2.85e-3	10/28/2010@10:59:23 AM		
JA58900-3	1	9	6.22e-4	10/28/2010@11:00:13 AM		
JA58900-4	1	10	5.72e-5	10/28/2010@11:01:02 AM		
JA58900-7	1	13	2.81e-3	10/28/2010@11:01:52 AM		
JA58900-8	1	14	7.21e-4	10/28/2010@11:02:42 AM		
CCV	1	11	2.40	10/28/2010@11:03:32 AM		96
	Known Conc:		2.50			
CCB	1	12	-0.0118	10/28/2010@11:04:21 AM		
	Known Conc:		0.00			
JA58900-9 (A)	1	15	6.17e-3	10/28/2010@11:05:11 AM		
JA58900-10	1	16	5.92e-3	10/28/2010@11:06:02 AM		
JA58900-11	1	17	6.90e-3	10/28/2010@11:06:53 AM		
JA58900-12	1	18	0.0137	10/28/2010@11:07:44 AM		
JA58900-14	1	19	4.10e-3	10/28/2010@11:08:34 AM		
JA59328-1	1	20	7.81e-4	10/28/2010@11:09:24 AM		
JA59336-3 (A)	1	21	4.00	10/28/2010@11:10:15 AM		
JA59336-2 (5)	1	22	21.8	10/28/2010@11:11:06 AM	10.00	
JA59336-2 (A)	1	23	21.5	10/28/2010@11:11:55 AM	20.00	84
GP56070-S2	1	24	4.07	10/28/2010@11:12:45 AM		
CCV	1	11	2.46	10/28/2010@11:13:34 AM		98.4
	Known Conc:		2.50			
CCB	1	12	-7.85e-3	10/28/2010@11:14:24 AM		
	Known Conc:		0.00			
JA59406-38 (A)	1	25	6.33	10/28/2010@11:15:14 AM	5.00	
CCV	1	11	2.51	10/28/2010@11:17:39 AM		100.4
	Known Conc:		2.50			
CCB	1	12	-8.47e-3	10/28/2010@11:18:29 AM		
	Known Conc:		0.00			

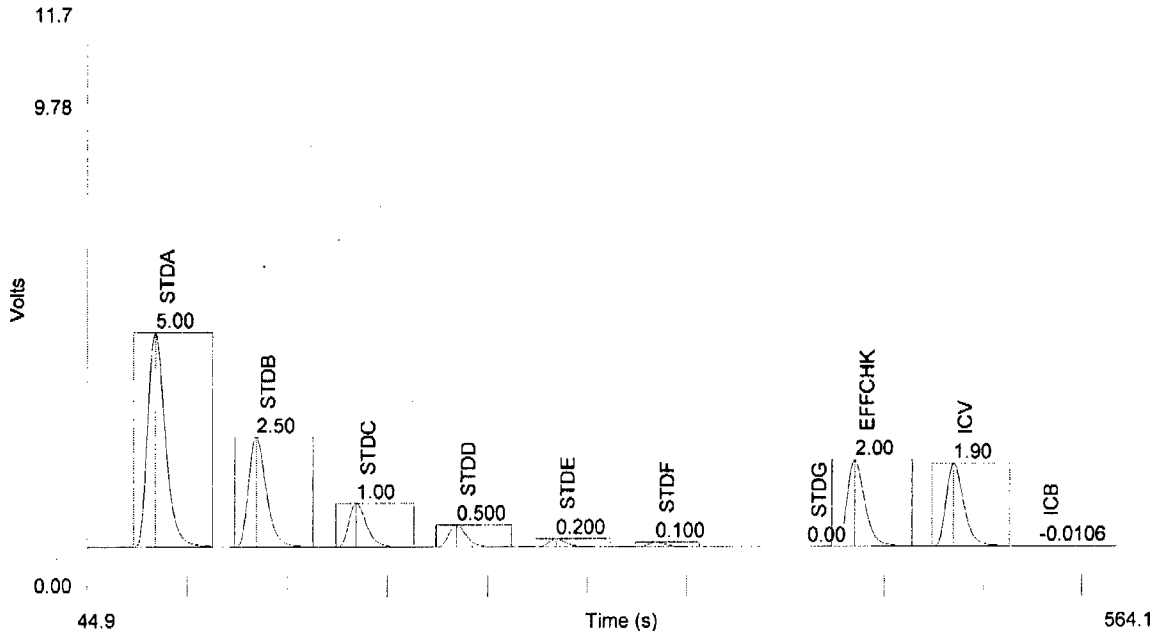
14.4 14

WI-NO3 GN43947

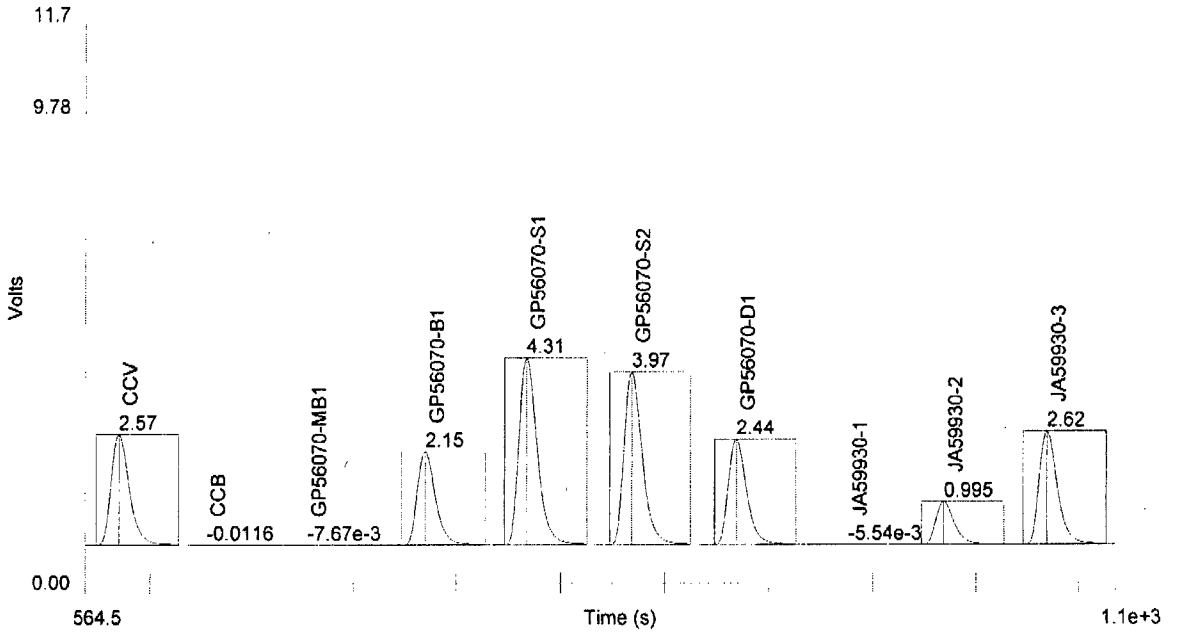
Author: Omnion User

Date : 10/28/2010

Channel 2: Set 1 of 10



Channel 2: Set 2 of 10



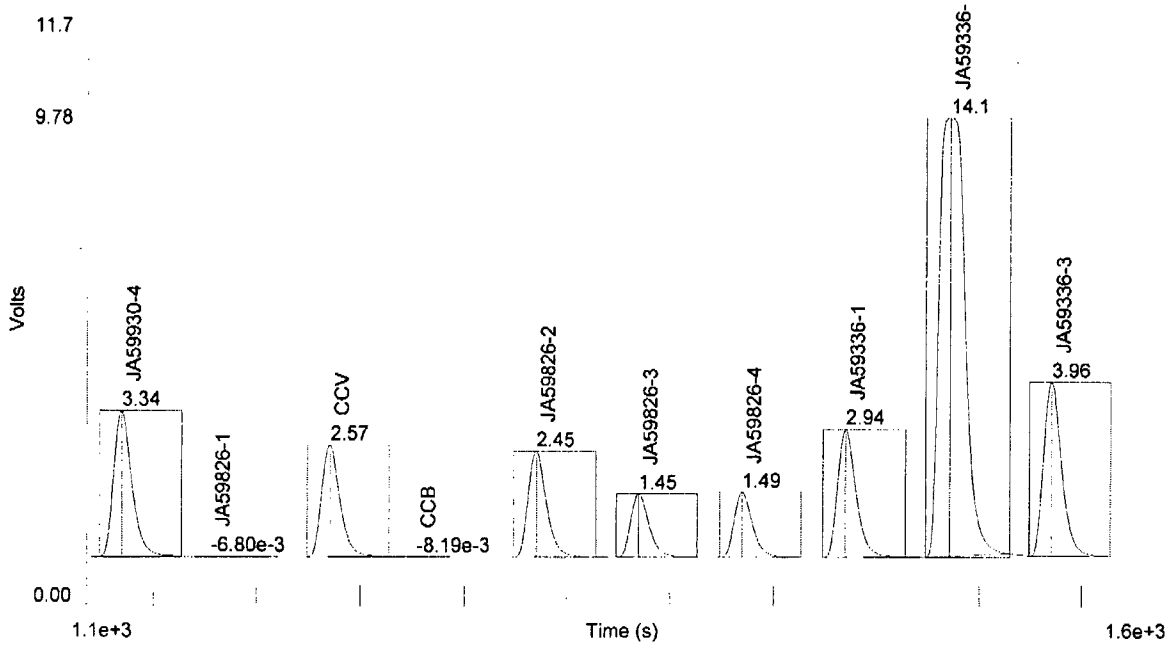
14.4 14

W1·N03 GN43947

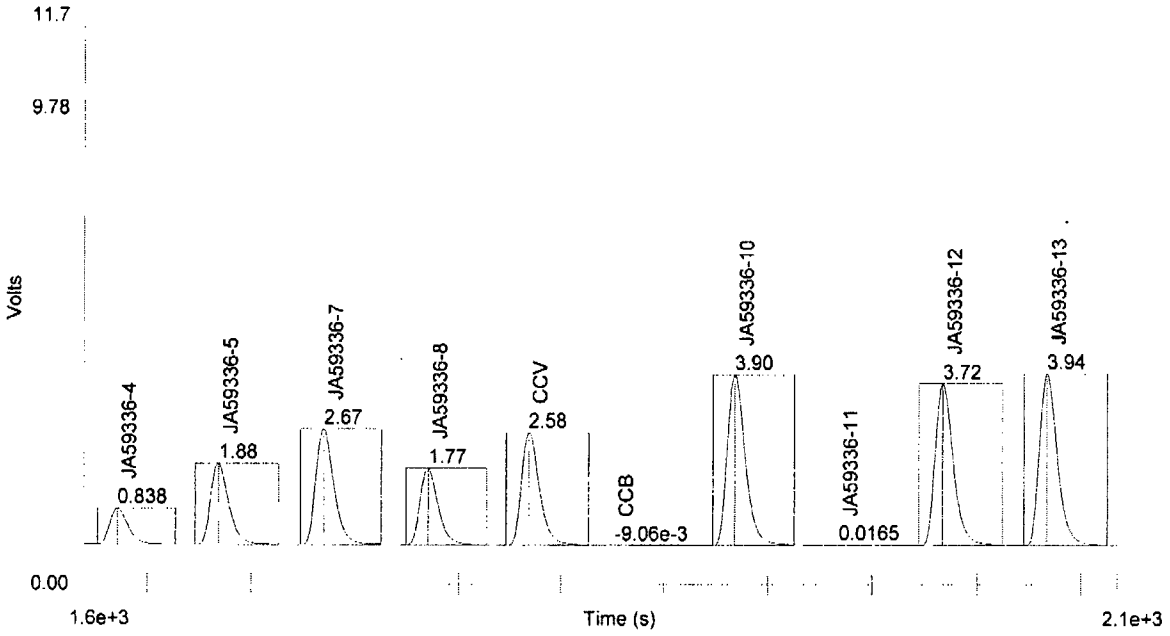
Author: Omnion User

Date : 10/28/2010

Channel 2: Set 3 of 10



Channel 2: Set 4 of 10



14.4

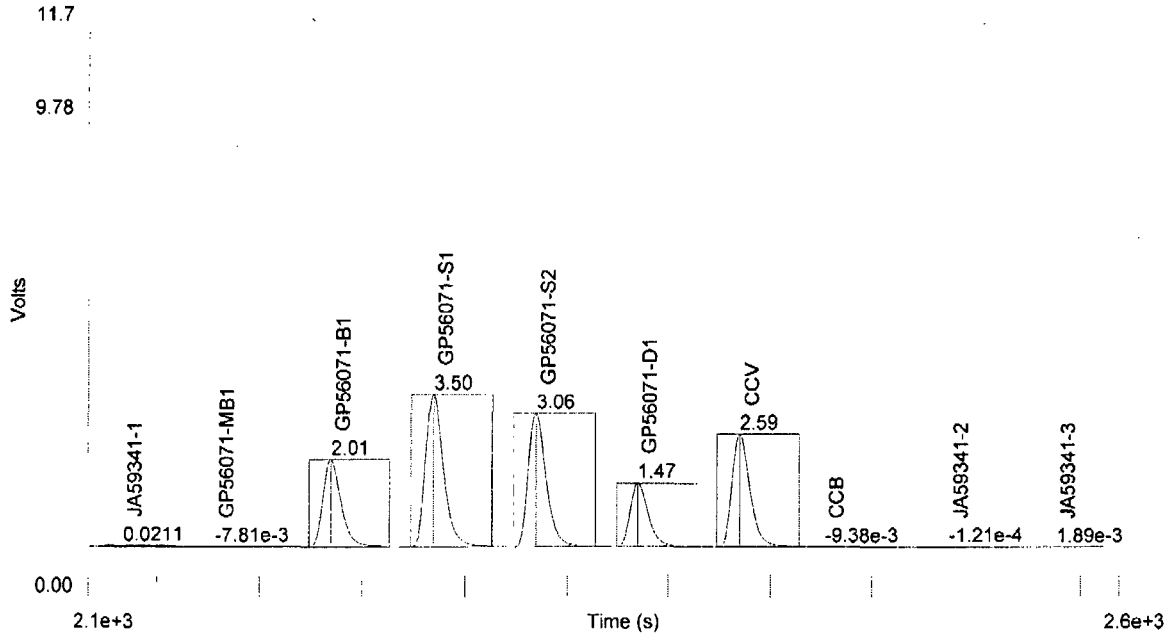
14

W1. NO3 GN43944

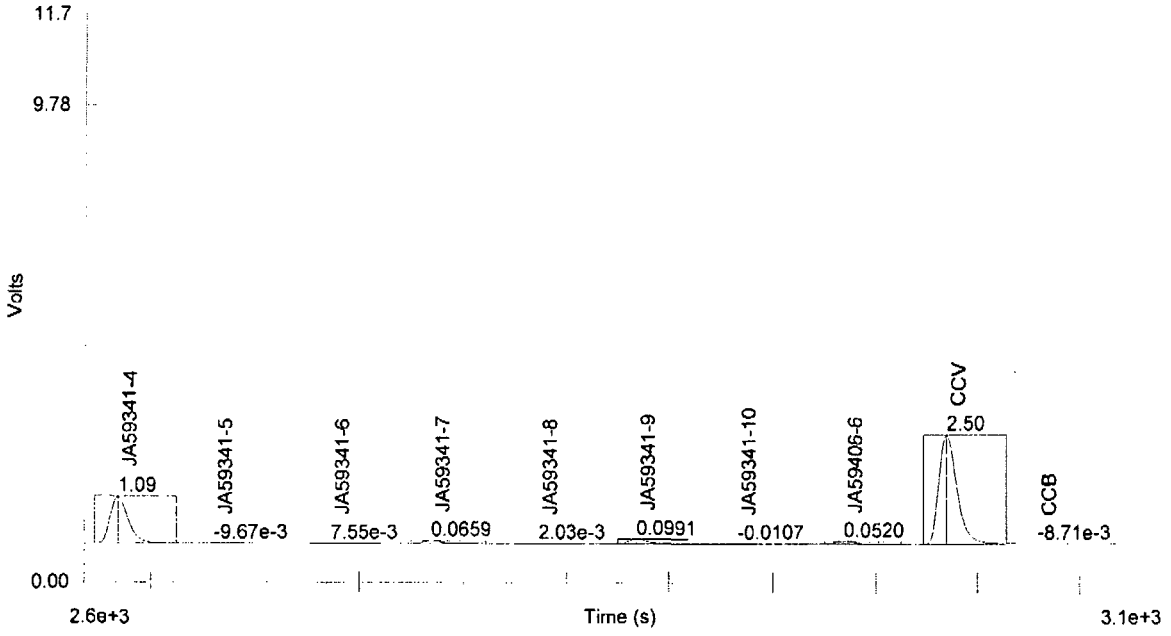
Author: Omnion User

Date : 10/28/2010

Channel 2: Set 5 of 10



Channel 2: Set 6 of 10



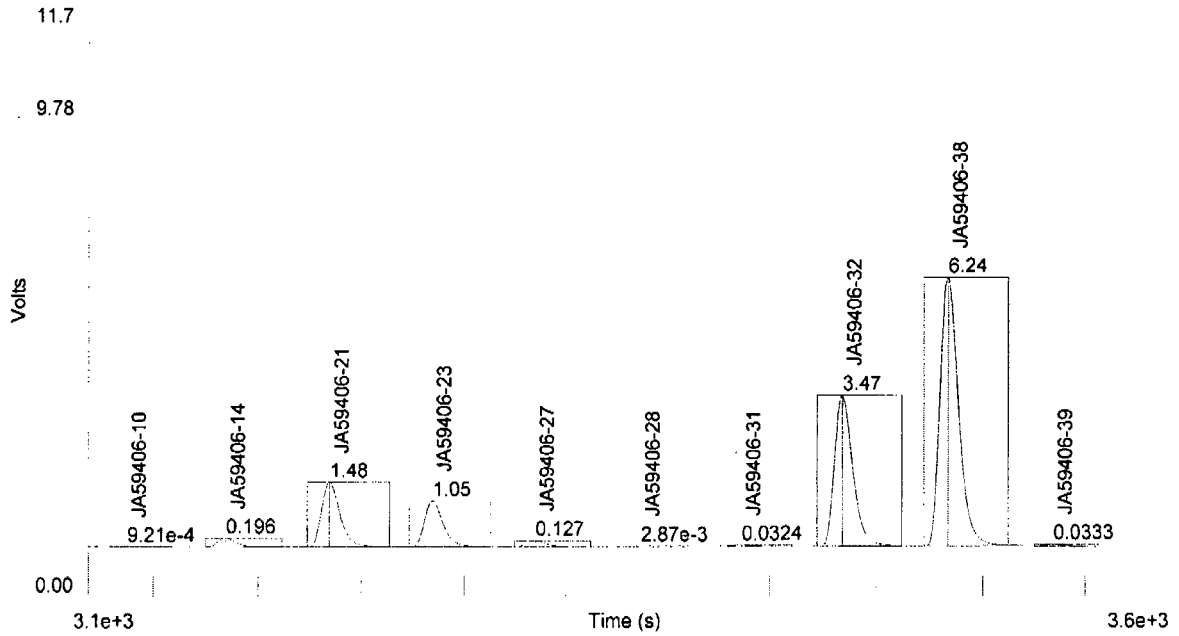
14.4 14

UOI. NO3 GN43947

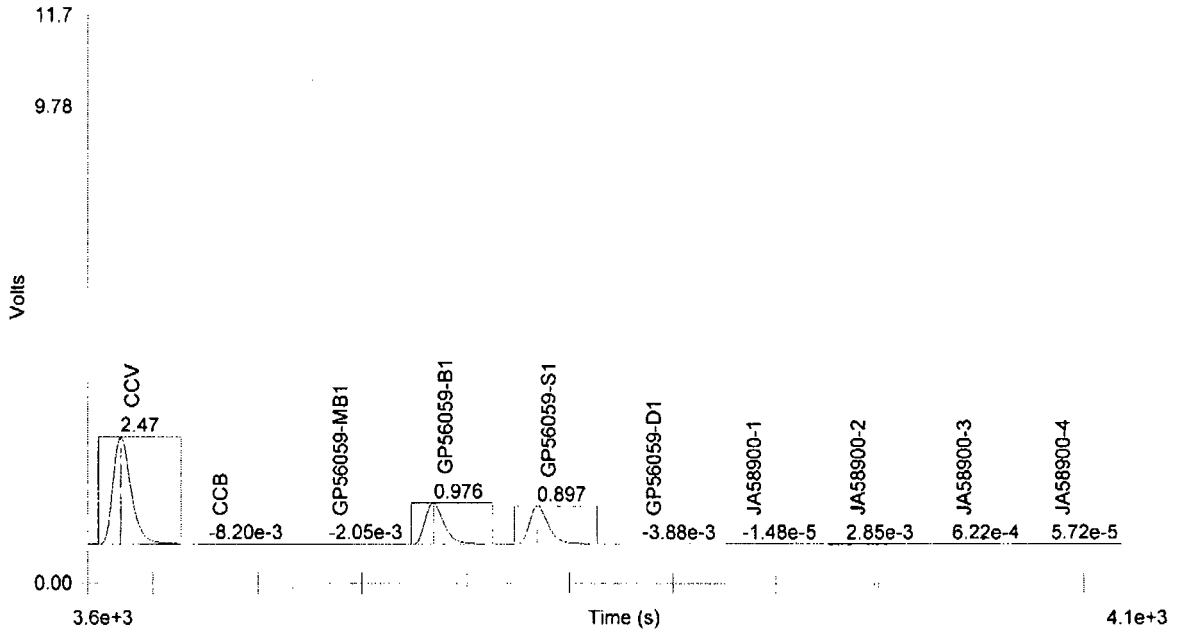
Author: Omnion User

Date : 10/28/2010

Channel 2: Set 7 of 10



Channel 2: Set 8 of 10



14.4

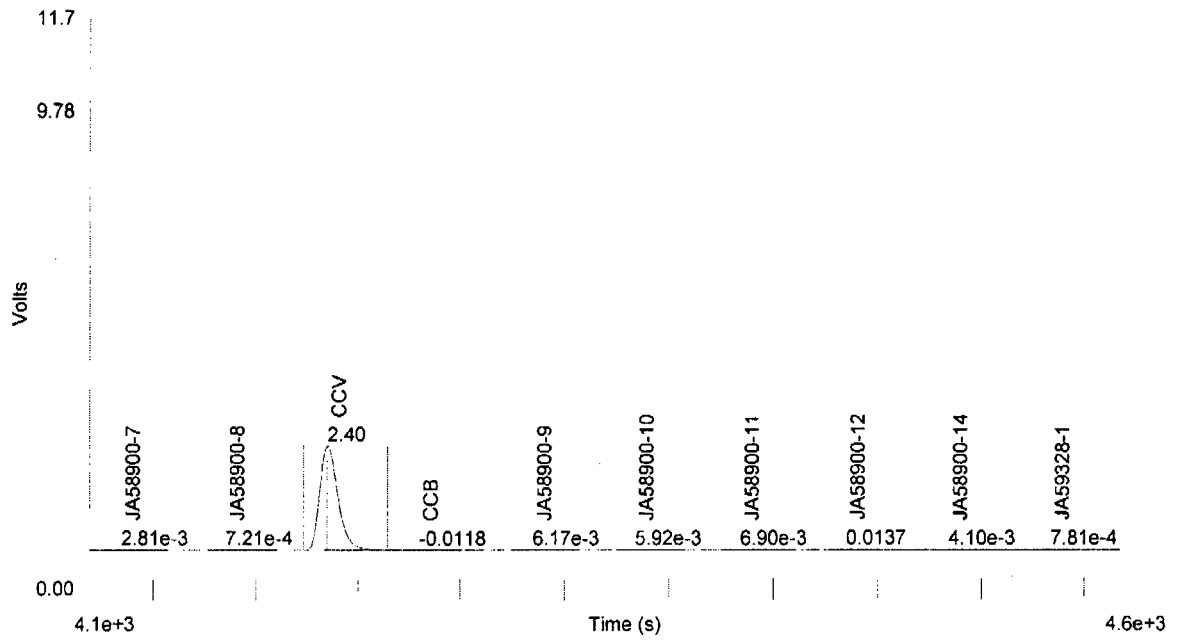
14

WI-NO3 GN43947

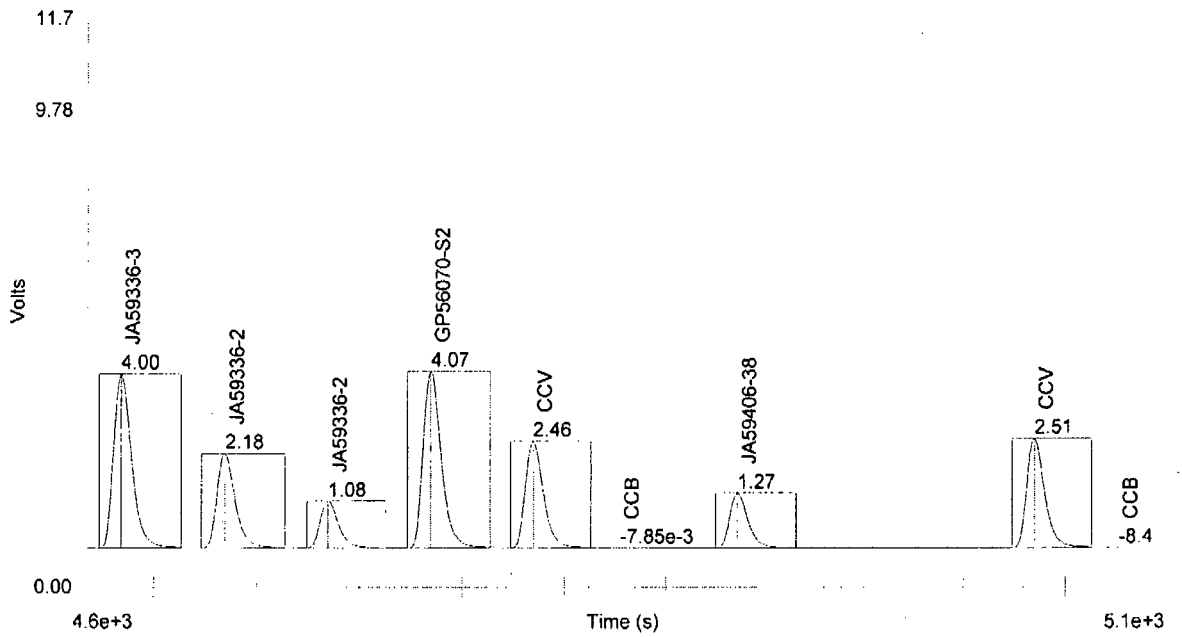
Author: Omnion User

Date : 10/28/2010

Channel 2: Set 9 of 10



Channel 2: Set 10 of 10



14.4 14

cor. NO3 GN43947

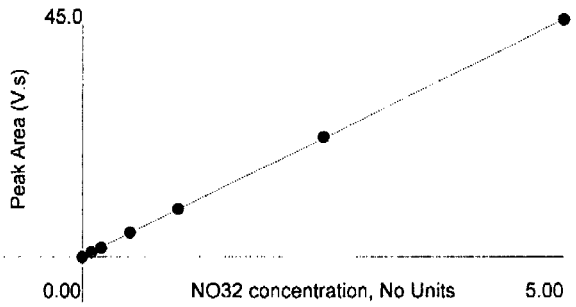
Author: Omnion User

Date : 10/28/2010

Table 1: NO32

	Known Conc. ()	Rep	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc. ()	Detection Date	Detection Time
1	5.00	1	45.0	4.39	0.0	0.3	4.98	10/28/2010	9:55:07 AM
2	2.50	1	22.9	2.25	0.0	-1.3	2.53	10/28/2010	9:55:58 AM
3	1.00	1	9.10	0.890	0.0	-0.3	1.00	10/28/2010	9:56:49 AM
4	0.500	1	4.63	0.452	0.0	-1.2	0.506	10/28/2010	9:57:39 AM
5	0.200	1	1.73	0.168	0.0	7.5	0.185	10/28/2010	9:58:29 AM
6	0.100	1	0.948	0.0929	0.0	1.8	0.0982	10/28/2010	9:59:20 AM
7	0.00	1	-2.62e-4	1.26e-3			-7.04e-3	10/28/2010	10:00:10 AM

Figure 1: NO32



Area = 9.02 * Conc + 0.0642
Conc = 0.111 * Area - 7.01e-3
Correlation Coefficient (r) = 0.99996

No Weighting

14.4 14

D102810Wa.NO3 GN43947

Author: Omnion User

Date : 10/28/2010

Original Run Filename: OM_10-28-2010_11-23-42AM.OMN created 10/28/2010 11:23:42 AM
Original Run Author's Signature: [Omnion User]
Current Run Filename: OM_10-28-2010_11-23-42AM.OMN last modified 10/28/2010 11:31:00 AM
Current Run Author's Signature: [Omnion User]
Description: Default New Run

Sample	Rep.	Cup No.	Channel 2 NO32	Detection Time	MDF	Y-REC
CCV	1	11	2.54	10/28/2010@11:24:29 AM		101.6
	Known Conc:		2.50			
	Calibration:		Table/Fig. 1			
CCB	1	12	-8.26e-3	10/28/2010@11:25:18 AM		
	Known Conc:		0.00			
JA59336-1	1	26	2.39	10/28/2010@11:26:07 AM		
CCV	1	11	2.54	10/28/2010@11:28:32 AM		101.6
	Known Conc:		2.50			
CCB	1	12	-8.11e-3	10/28/2010@11:29:20 AM		
	Known Conc:		0.00			

Channel 2: Set 1 of 1

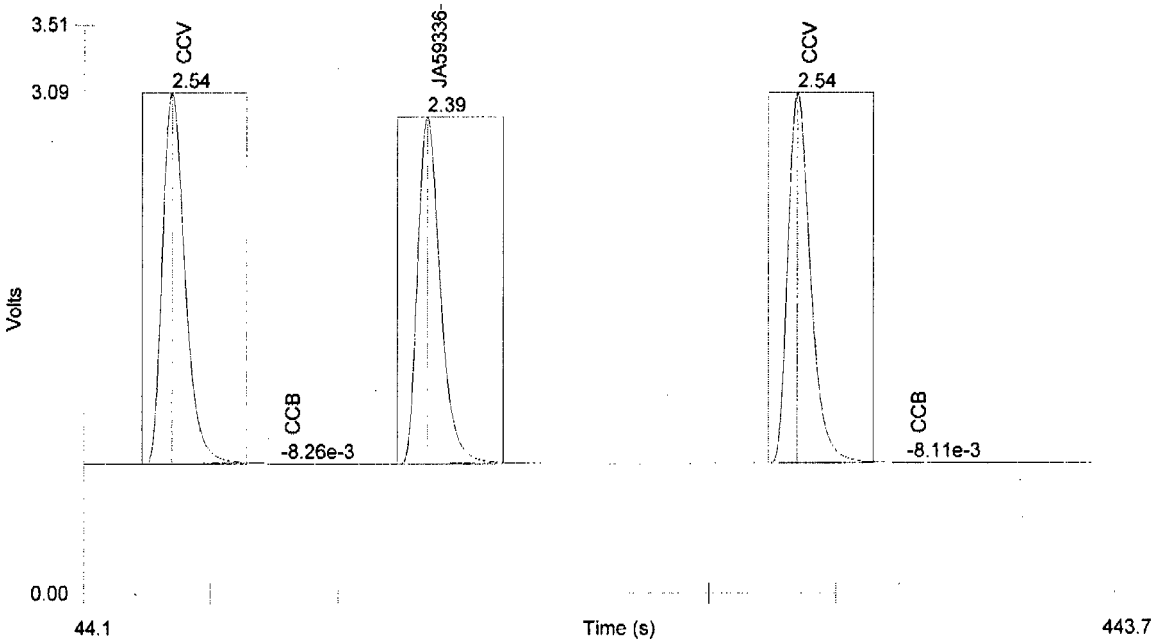


Table 1: NO32

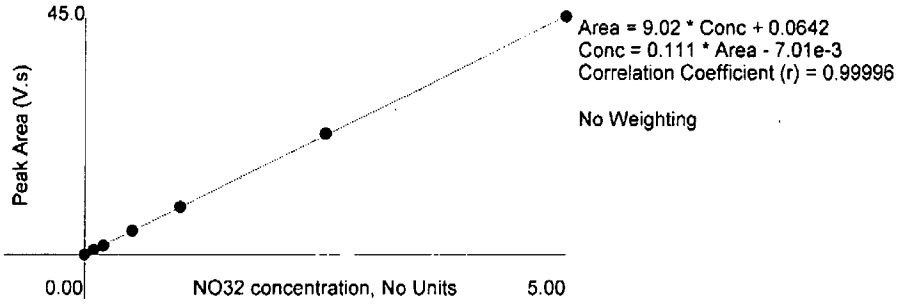
	Known Conc. ()	Rep	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc. ()	Detection Date	Detection Time
1	5.00	1	45.0	4.39	0.0	0.3	4.98	10/28/2010	9:55:07 AM
2	2.50	1	22.9	2.25	0.0	-1.3	2.53	10/28/2010	9:55:58 AM
3	1.00	1	9.10	0.890	0.0	-0.3	1.00	10/28/2010	9:56:49 AM
4	0.500	1	4.63	0.452	0.0	-1.2	0.506	10/28/2010	9:57:39 AM
5	0.200	1	1.73	0.168	0.0	7.5	0.185	10/28/2010	9:58:29 AM
6	0.100	1	0.948	0.0929	0.0	1.8	0.0982	10/28/2010	9:59:20 AM
7	0.00	1	-2.62e-4	1.26e-3			-7.04e-3	10/28/2010	10:00:10 AM

02-NO3 GN43947

Author: Omnion User

Date : 10/28/2010

Figure 1: NO32



14.4

14

Creator: Chemistry
Creation Date: 11/16/2007 10:41:57 AM
Last Modified: 9/1/2010 11:58:47 AM
Description:

GN43947

b10281OW1-NO3

Cup	Sample ID	MDF	~~Weight~~ BOTTLE #	Sample Type	Comments
1	STDA			Calibration Standard	
2	STDB			Calibration Standard	
3	STDC			Calibration Standard	
4	STDD			Calibration Standard	
5	STDE			Calibration Standard	
6	STDF			Calibration Standard	
7	STDG			Calibration Standard	
8	EFFCHK			Check Standard	
9	ICV			Check Standard	
10	ICB			Check Standard	
11	CCV			Check Standard	
12	CCB			Check Standard	
13	GP56070-MB1			Unknown	
14	GP56070-B1			Unknown	0.1-ml of 100-ppm STD, 15-ml with carrie
15	GP56070-S1 JA59826-2		12	Unknown	0.1-ml of 100-ppm STD, 15-ml with carrier
16	GP56070-S2 JA59336-1		3	Unknown	with sample
17	GP56070-D1 JA59826-2		12	Unknown	
18	JA59930-1		10	Unknown	-FB
19	JA59930-2			Unknown	
20	JA59930-3			Unknown	
21	JA59930-4			Unknown	
22	JA59826-1		12	Unknown	-FB
11	CCV			Check Standard	
12	CCB			Check Standard	
23	JA59826-2		12	Unknown	-colorless, clear
24	JA59826-3			Unknown	
25	JA59826-4			Unknown	
26	JA59336-1		3	Unknown	-colorless, clear
27	JA59336-2			Unknown	-1:10, 1:20
28	JA59336-3			Unknown	
29	JA59336-4			Unknown	
30	JA59336-5			Unknown	
31	JA59336-7			Unknown	
32	JA59336-8			Unknown	
11	CCV			Check Standard	
12	CCB		3	Check Standard	
33	JA59336-10			Unknown	
34	JA59336-11			Unknown	
35	JA59336-12			Unknown	
36	JA59336-13			Unknown	

Page 1

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GN43947

			Bottle #		wl. NO_3
37	JA59341-1		3	Unknown	
38	GP56071-MB1			Unknown	
39	GP56071-B1			Unknown	0.1-ml of 100-ppm STD, 1.5-ml with carrier
40	GP56071-S1-JA59406-21		5	Unknown	0.1-ml of 100-ppm STD, 1.5-ml with sample
41	GP56071-S2-JA59341-4		5	Unknown	↓
42	GP56071-D1-JA59406-21		5	Unknown	
11	CCV			Check Standard	
12	CCB			Check Standard	
43	JA59341-2		3	Unknown	
44	JA59341-3		5	Unknown	
45	JA59341-4			Unknown	-colorless, clear
46	JA59341-5			Unknown	
47	JA59341-6			Unknown	
48	JA59341-7			Unknown	
49	JA59341-8			Unknown	
50	JA59341-9			Unknown	
51	JA59341-10			Unknown	-FB
52	JA59406-6		2	Unknown	
11	CCV			Check Standard	
12	CCB			Check Standard	
53	JA59406-10		2	Unknown	
54	JA59406-14		↓	Unknown	
55	JA59406-21		5	Unknown	-colorless, clear
56	JA59406-23		2	Unknown	
57	JA59406-27			Unknown	
58	JA59406-28			Unknown	
59	JA59406-31			Unknown	
60	JA59406-32			Unknown	
1	JA59406-38		3	Unknown	-1:5
2	JA59406-39		2	Unknown	
11	CCV			Check Standard	
12	CCB			Check Standard	
3	GP56059-MB1			Unknown	
4	GP56059-B1			Unknown	
5	GP56059-S1			Unknown	
6	GP56059-D1			Unknown	
7	JA58900-1			Unknown	
8	JA58900-2			Unknown	
9	JA58900-3			Unknown	
10	JA58900-4			Unknown	
13	JA58900-7			Unknown	
14	JA58900-8			Unknown	
11	CCV			Check Standard	
12	CCB			Check Standard	
15	JA58900-9			Unknown	

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GN43947 W1.NO3

16	JA58900-10			Unknown	
17	JA58900-11			Unknown	
18	JA58900-12			Unknown	
19	JA58900-14			Unknown	
20	JA59328-1			Unknown	
11	CCV			Check Standard	
12	CCB			Check Standard	

Analyte Table	NO32
STDA	5.00
STDB	2.50
STDC	1.00
STDD	0.500
STDE	0.200
STDF	0.100
STDG	0.00

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GN43947

ACCUTEST

Analyst Albert L

Method N032

Prep Date 10/27/10

GP # GP56059

Balance # B-14

Sample Prep Log

Sample ID	Sample Size	Final Volume
MB		200mL of DI H_2O
BSP	2mL of 100 PPM	
MS-JA58900-3	1.02 + 2mL of 100 PPM	
DUP- ↓	1.02	
JA58900-1	1.09	
-2	1.06	
-3	1.09	
-4	1.09	
-7	1.01	
-8	1.02	
-9	1.04	
-10	1.10	
-11	1.06	
-12	1.05	
-14	1.07	
JA59328-1	1.08	

Form: GN166-02
Rev. Date: 8/5/05

QC Review

14.4 14

ACCUTEST.

GENERAL CHEMISTRY STANDARD PREPARATION LOG FOR NITRATE

GN or GP Number: GN43947

Intermediate Standard Description	Stock used to prepare standard	Standard-ization date	Stock concentration in mg/l	Stock volume used in ml	Diluent (a)	Final Volume	Final Conc. of Intermediate (mg/l)	Expiration Date	Analyst	Date
NO3 100 ppm	GNE8-25766-NO32	8/9/10	1000	10	Carrier	100 ml	100	2/9/11	NP	10/28/10
NO3 10 ppm	GNE ↓	↓	1000	1.0	Carrier	100 ml	10	↓	↓	↓
Eff Check Intermediate	~~GNE~~ ERACAL 030309	N/A	** 1000	** 10	Carrier	100 ml	100	03/2011	NP	10/28/10
ICV Intermediate	GNE8-25768-NO32	8/9/10	1000	10	Carrier	100 ml	100	2/9/11	↓	↓

Standard Description	Intermediate or Stock used to prepare standard		Intermediate or Stock concentration	Intermediate or Stock volume used in ml	Diluent	Final Volume	Final Conc. of Standard (mg/l)	Expiration Date	Analyst	Date
5.0 mg/l NO3	100 ppm		100 mg/l	5.0	Carrier	100 ml	5.0	10/31/10	NP	10/28/10
2.5 mg/l NO3	100 ppm		100 mg/l	2.5	Carrier	100 ml	2.5			
1.0 mg/l NO3	100 ppm		100 mg/l	1.0	Carrier	100 ml	1.0			
0.5 mg/l NO3	10 ppm		10 mg/l	5.0	Carrier	100 ml	0.5			
0.2 mg/l NO3	10 ppm		10 mg/l	2.0	Carrier	100 ml	0.2			
0.1 mg/l NO3	10 ppm		10 mg/l	1.0	Carrier	100 ml	0.1			
Effcheck 2.0	Eff Check Int.		100 mg/l	2.0	Carrier	100 ml	2.0			
ICV	ICV Int.		100 mg/l	2.0	Carrier	100 ml	2.0			

(a) Diluent reagent reference number See attached Expiration Date

**Volume will change with standardization concentration.

Reason codes for data corrections: 1-reviewer error correction; 2-transcription error; 3-computer error; 4-analyst error

Form: GN199-01
Rev. Date: 7/18/06

GN43947

ACCUTEST

GN43947

Reagent Information Log - Nitrate Lachat Autoanalyzer

Reagent	Reagent # or Manufacturer/Lot	Expiration Date
Spiking Solution Source	GNE8-25766-N032	2/9/2011
Ammonium Chloride Buffer Solution	GNE9-26197-N03	3/27/2011
Sulfanilamide Color Reagent	GNE10-26421-N03	11/18/2010
Carrier Solution	GNE9-26121-N03	3/17/2011
1:1 NH4OH	GNE10-26285-N03	4/4/2011

Reason codes for data corrections: 1-reviewer error correction: 2-transcription error; 3-computer error; 4-analyst error

14.4 14

Form: GN0871-43
Rev. Date: 7/19/06

GN44014

Sequence: 310102901
Operator: Chemistry

6N44014

Printed: 10/29/2010 12:33:45 PM

Title:
Datasource: NJCHMIC2_local
Location: accutest_perchlorate_system_3\sequencesanions\2010\Oct
Timebase: ACCUTEST_SYS#3
#Samples: 56

Created: 10/29/2010 8:23:41 AM by Chemistry
Last Update: 10/29/2010 11:53:42 AM by Chemistry

No.	Name	Type	Pos.	Inj. Vol.	Dil. Factor	Status	Inj. Date/Time	Comment
1	BLANKCONF	Unknown	1	20.0	1.0000	Finished	10/29/2010 8:46:26 AM	
2	STDA	Standard	2	20.0	1.0000	Finished	10/6/2010 9:43:46 AM	
3	STDB	Standard	3	20.0	1.0000	Finished	10/6/2010 10:05:10 AM	
4	STDC	Standard	4	20.0	1.0000	Finished	10/6/2010 10:26:35 AM	
5	STDD	Standard	5	20.0	1.0000	Finished	10/6/2010 10:47:59 AM	
6	STDE	Standard	6	20.0	1.0000	Finished	10/6/2010 11:09:24 AM	
7	STDF	Standard	7	20.0	1.0000	Finished	10/6/2010 11:30:49 AM	
8	STDG	Standard	8	20.0	1.0000	Finished	10/6/2010 11:52:14 AM	
9	ICV	Unknown	2	20.0	1.0000	Finished	10/29/2010 9:07:50 AM	
10	CCV	Unknown	3	20.0	1.0000	Finished	10/29/2010 9:29:15 AM	
11	CCB	Unknown	4	20.0	1.0000	Finished	10/29/2010 9:50:39 AM	
12	MB	Unknown	5	20.0	1.0000	Finished	10/29/2010 10:12:03 AM	
13	BS	Unknown	6	20.0	1.0000	Finished	10/29/2010 10:33:28 AM	
14	7 JA60065-1	Unknown	7	20.0	1.0000	Finished	10/29/2010 10:54:52 AM	
15	JA60065-2	Unknown	8	20.0	1.0000	Finished	10/29/2010 11:16:16 AM	
16	JA60065-3	Unknown	9	20.0	1.0000	Finished	10/29/2010 11:37:41 AM	
17	2 JA59336-1MS	Unknown	10	20.0	1.0000	Finished	10/29/2010 11:59:05 AM	
[redacted]	JA59336-1DUP	Unknown	11	20.0	1.0000	Running	10/29/2010 12:20:30 PM	
19	JA59336-1	Unknown	12	20.0	1.0000	Single		
20	JA59336-2	Unknown	13	20.0	1.0000	Single		
21	JA59336-3	Unknown	14	20.0	1.0000	Single		
22	CCV	Unknown	15	20.0	1.0000	Single		
23	CCB	Unknown	16	20.0	1.0000	Single		
24	JA59336-4	Unknown	17	20.0	1.0000	Single		
25	JA59336-5	Unknown	18	20.0	1.0000	Single		
26	JA59336-7MS	Unknown	19	20.0	1.0000	Single		
27	JA59336-7	Unknown	20	20.0	1.0000	Single		
28	JA59336-8	Unknown	21	20.0	1.0000	Single		
29	JA59336-10	Unknown	22	20.0	1.0000	Single		
30	JA59336-11	Unknown	23	20.0	1.0000	Single		
31	JA59336-12	Unknown	24	20.0	1.0000	Single		
32	JA59336-13	Unknown	25	20.0	1.0000	Single		
33	5 JA59377-1	Unknown	26	20.0	1.0000	Single		
34	CCV	Unknown	27	20.0	1.0000	Single		
35	CCB	Unknown	28	20.0	1.0000	Single		
36	6 JA58900-5	Unknown	29	20.0	1.0000	Single		
37	6 JA58900-6	Unknown	30	20.0	1.0000	Single		
38	7 JA60065-2	Unknown	31	20.0	2.0000	Single		
39	MB	Unknown	32	20.0	1.0000	Single		
40	BS	Unknown	33	20.0	1.0000	Single		
41	4 JA59341-1	Unknown	34	20.0	1.0000	Single		
42	4 JA59341-2	Unknown	35	20.0	1.0000	Single		

6P56100
CHL, SO4
AQ (1)

6P56001
SO4 AQ
(2)

14.5 14

Chromeleon © Dionex Corporation, Version 6.80 SR9a Build 2680 (163077)

Sequence: 310102901
Operator: Chemistry

Printed: 10/29/2010 12:33:51 PM

Title:
Datasource: NJCHMIC2_local
Location: accutest_perchlorate_system_3\sequencesanions\2010\Oct
Timebase: ACCUTEST_SYS#3
#Samples: 56

Created: 10/29/2010 8:23:41 AM by Chemistry
Last Update: 10/29/2010 11:53:42 AM by Chemistry

No.	Name	Type	Pos.	Inj. Vol.	Dil. Factor	Status	Inj. Date/Time	Comment
43	6 JA59341-3	Unknown	36	20.0	1.0000	Single		
44	JA59341-4	Unknown	37	20.0	1.0000	Single		
45	JA59341-5	Unknown	38	20.0	1.0000	Single		
46	CCV	Unknown	39	20.0	1.0000	Single		
47	CCB	Unknown	40	20.0	1.0000	Single		
48	JA59341-6	Unknown	41	20.0	1.0000	Single		
49	JA59341-7MS	Unknown	42	20.0	1.0000	Single		
50	JA59341-7	Unknown	43	20.0	1.0000	Single		
51	JA59341-8	Unknown	44	20.0	1.0000	Single		
52	JA59341-9	Unknown	45	20.0	1.0000	Single		
53	JA59341-10	Unknown	46	20.0	1.0000	Single		
54	CCV	Unknown	47	20.0	1.0000	Single		
55	CCB	Unknown	48	20.0	1.0000	Single		
56	STANDBY	Unknown	49	20.0	1.0000	Single		

ACCUTEST.

Analyst MJ

Method IC

Prep Date 10/29/10

Balance # NA

GP # GN44014

Sample Prep Log

Sample ID	Sample Size	Final Volume
BS	0.5 mL GN0466-BS	50 mL DI
MS(JA59336-1)	↓	50 mL sample
MS(JA59336-7)		↓
MS(JA59347)		
JA60065-2(1:2)	15 mL sample	30 mL DI

Form: GN166-02
Rev. Date: 8/5/05

QC Review_____

ACCUTEST

6N 44014

Reagent Information Log - IONC - Water /Soil

Reagent	Reagent # or Manufacturer/Lot	Exp. Date
Standard Intermediate (for calibration curve)	6N09-72-67	10/1/10 curve ran on 10/6/10
Standard Intermediates (for calibration curve)	6N09-72-69	10/1/10
ICV	6N09-68-~~60~~ 61 hrs 10/28/10 (4)	11/1/10
Eluent	1005419770 11	5/12
Standard Intermediate (for working Stds/Spikes)	6N09-72-76	11/1/10
Standard Intermediate (for working Stds/Spikes)	6N09-72-78	
CCV	6N09-85-109	
Spiking Solution intermediate	6N09-66-130	
Spiking Solution intermediate	6N09-66-131	
Spiking Solution	6N09-66-135	
Filter Lot number	21780812 hrs 10/27/10 (4) ~~21780783~~	NA

Reason codes for data corrections: 1-reviewer error correction: 2-transcription error; 3-computer error; 4-analyst error

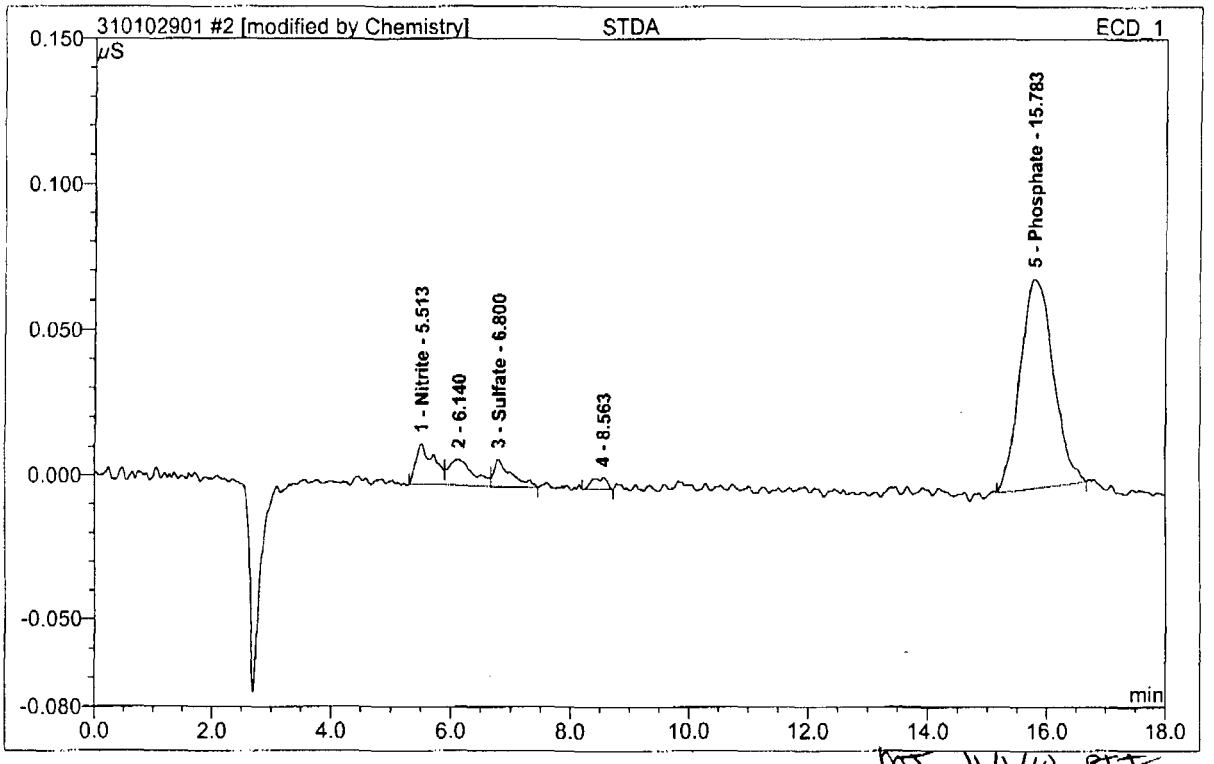
14.5 14

Form: GN087A-76
Rev. Date: 4/7/09

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

2 STDA

Sample Name:	**STDA**	*Injection Volume:*	**20.0**
Vial Number:	**2**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/6/2010 9:43**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



MT 11/1/10 PJF

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.51	Nitrite	0.014	0.005	8.23	0.011	BM *
2	6.14	n.a.	0.009	0.004	7.21	n.a.	M *
3	6.80	Sulfate	0.010	0.003	5.27	0.021	MB*
4	8.56	n.a.	0.004	0.001	1.98	n.a.	BMB*
5	15.78	Phosphate	0.072	0.047	77.31	0.118	BMB
Total:			0.109	0.060	100.00	0.150	

14.5 14

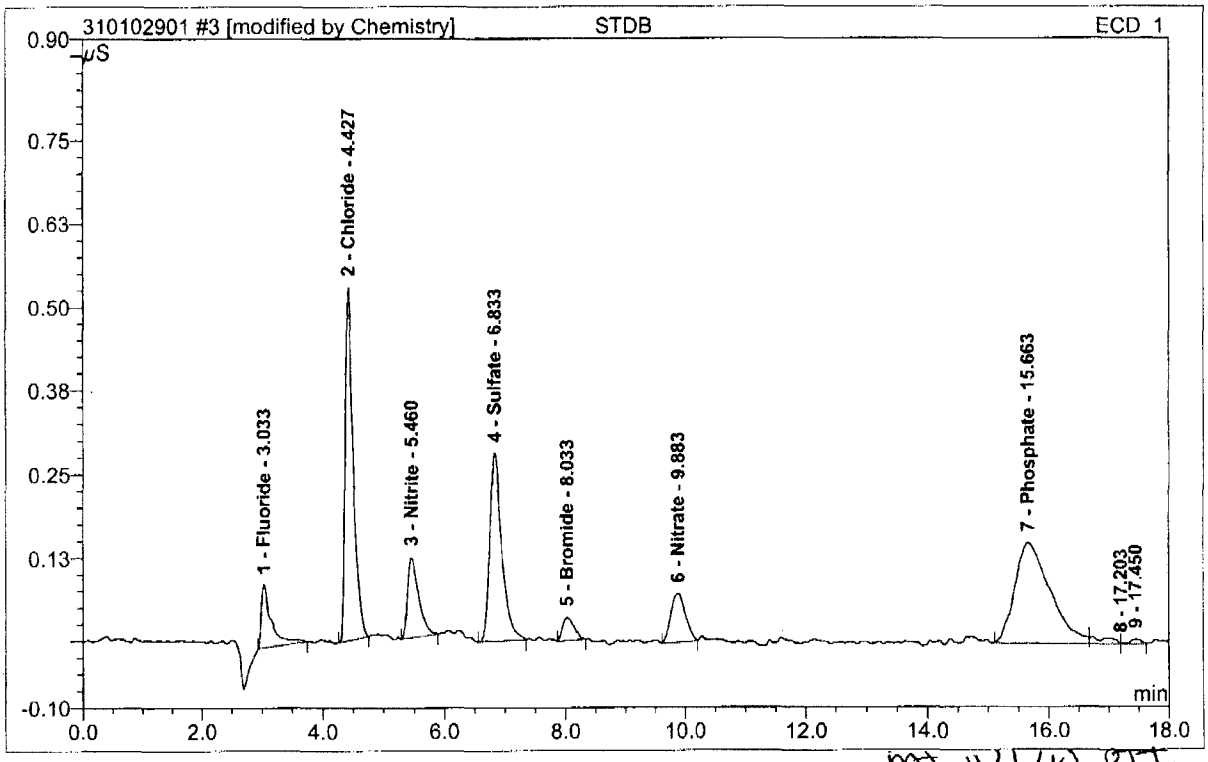
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

3 STDB

Sample Name:	**STDB**	*Injection Volume:*	**20.0**
Vial Number:	**3**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/6/2010 10:05**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



my 11/1/10

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	0.095	0.018	5.61	0.052	BMB*
2	4.43	Chloride	0.529	0.079	24.59	0.390	BMB
3	5.46	Nitrite	0.121	0.026	7.91	0.054	BMB
4	6.83	Sulfate	0.282	0.066	20.27	0.430	BMB
5	8.03	Bromide	0.034	0.008	2.38	0.083	BMB
6	9.88	Nitrate	0.073	0.021	6.37	0.041	BMB
7	15.66	Phosphate	0.151	0.101	31.39	0.256	BM
8	17.20	n.a.	0.000	0.003	1.07	n.a.	M
9	17.45	n.a.	0.007	0.001	0.42	n.a.	MB
Total:			1.292	0.323	100.00	1.308	

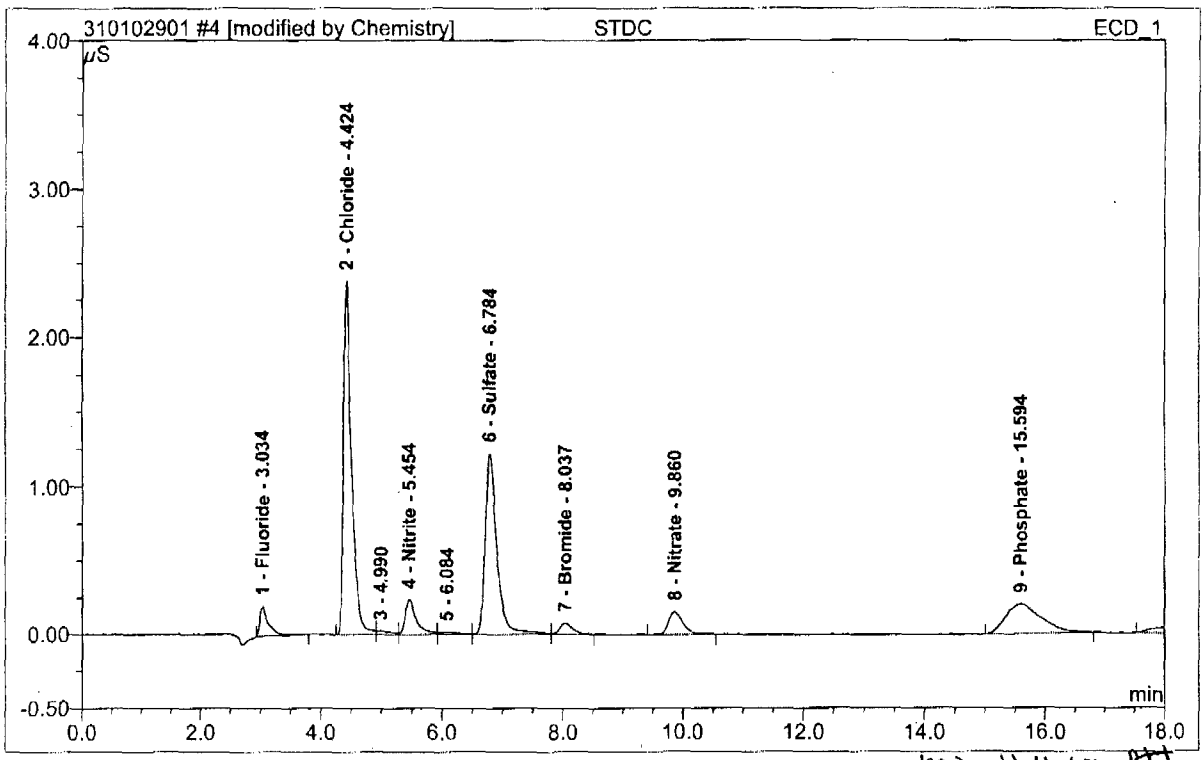
14.5 14

anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

4 STDC

Sample Name:	**STDC**	*Injection Volume:*	**20.0**
Vial Number:	**4**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/6/2010 10:26**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



MJ 11/1/10 PJ

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	0.200	0.034	3.44	0.097	BMB*
2	4.42	Chloride	2.382	0.364	37.33	1.787	BM *
3	4.99	n.a.	0.024	0.007	0.69	n.a.	M *
4	5.45	Nitrite	0.238	0.051	5.21	0.107	M *
5	6.08	n.a.	0.016	0.007	0.67	n.a.	M *
6	6.78	Sulfate	1.221	0.278	28.46	1.823	M *
7	8.04	Bromide	0.079	0.020	2.05	0.217	MB*
8	9.86	Nitrate	0.153	0.044	4.46	0.087	BMB
9	15.59	Phosphate	0.203	0.139	14.26	0.351	BMB
10	18.17	n.a.	0.053	0.033	3.42	n.a.	BMB
Total:			4.570	0.975	100.00	4.469	

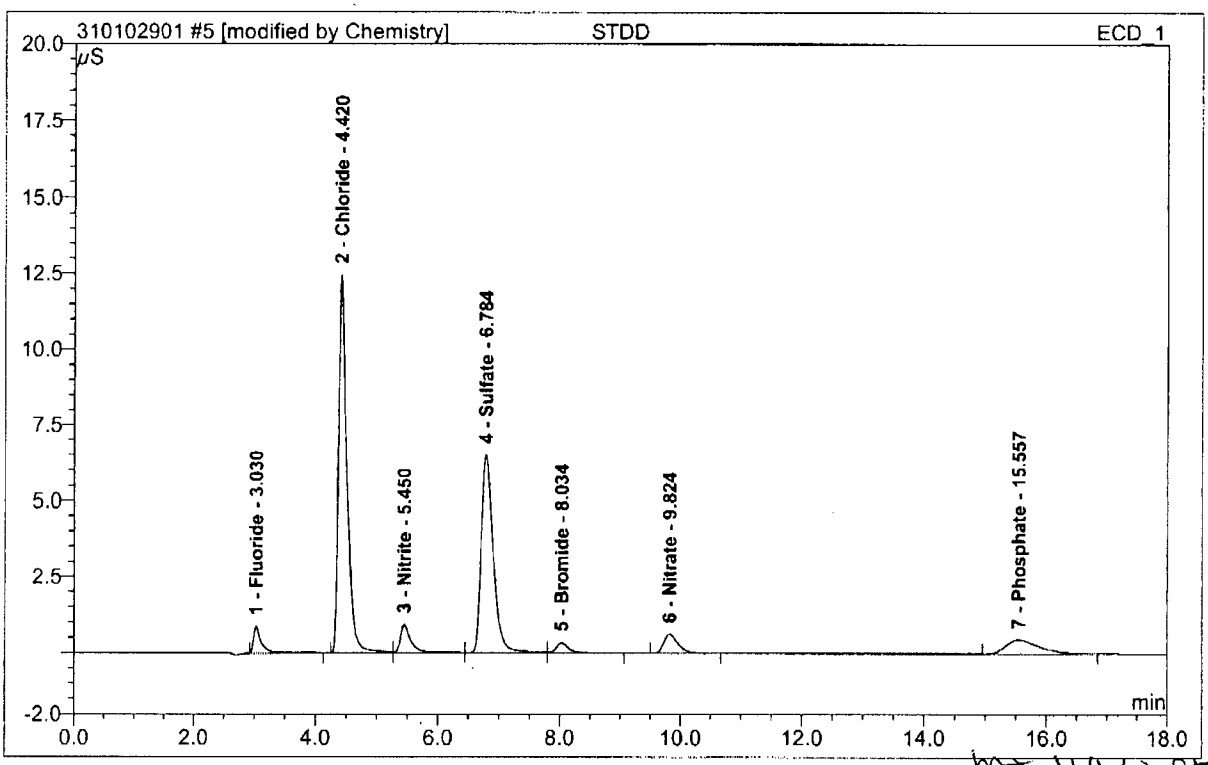
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

5 STDD

Sample Name:	**STDD**	*Injection Volume:*	**20.0**
Vial Number:	**5**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/6/2010 10:47**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



MJ 11/1/10 PM

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	0.863	0.133	3.08	0.386	BMB*
2	4.42	Chloride	12.457	1.974	45.63	9.691	BM *
3	5.45	Nitrite	0.925	0.188	4.34	0.397	M *
4	6.78	Sulfate	6.508	1.488	34.38	9.770	M *
5	8.03	Bromide	0.332	0.083	1.92	0.900	MB*
6	9.82	Nitrate	0.626	0.172	3.99	0.344	BMB
7	15.56	Phosphate	0.449	0.288	6.66	0.728	BMB
Total:			22.160	4.327	100.00	22.217	

14.5 14

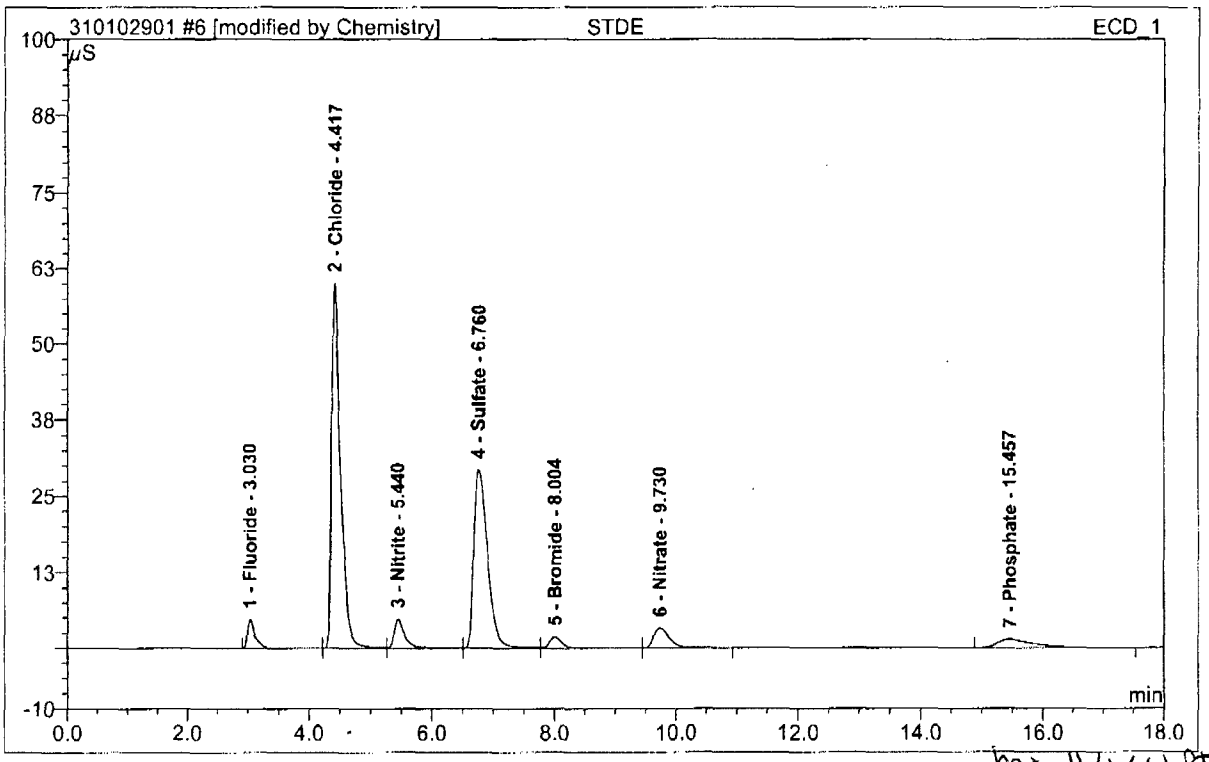
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

6 STDE

Sample Name:	**STDE**	*Injection Volume:*	**20.0**
Vial Number:	**6**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/6/2010 11:09**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	4.705	0.698	3.21	2.021	BMb*
2	4.42	Chloride	59.991	10.134	46.64	49.749	bM *
3	5.44	Nitrite	4.765	0.950	4.37	2.006	M *
4	6.76	Sulfate	29.351	7.615	35.05	50.016	M *
5	8.00	Bromide	1.822	0.446	2.05	4.830	Mb*
6	9.73	Nitrate	3.267	0.978	4.50	1.952	bMB*
7	15.46	Phosphate	1.331	0.905	4.17	2.287	BMB
Total:			105.232	21.726	100.00	112.862	

14.5 14

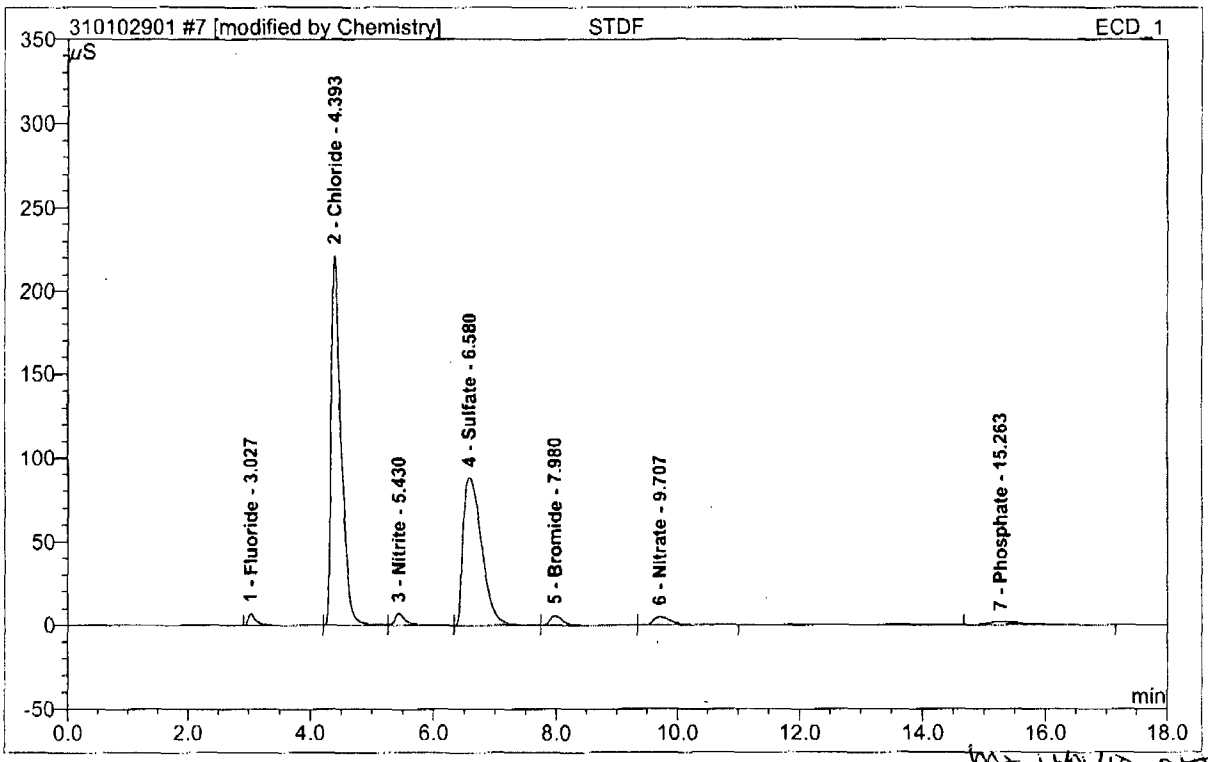
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

7 STDF

Sample Name:	**STDF**	*Injection Volume:*	**20.0**
Vial Number:	**7**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/6/2010 11:30**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



MJ 11/01/10 PJF

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	6.895	1.034	1.32	2.995	BMb*
2	4.39	Chloride	221.181	41.191	52.52	202.218	bM *
3	5.43	Nitrite	7.149	1.449	1.85	3.061	M *
4	6.58	Sulfate	88.156	30.683	39.12	201.526	M *
5	7.98	Bromide	5.497	1.370	1.75	14.850	Mb*
6	9.71	Nitrate	4.735	1.486	1.89	2.966	bMB*
7	15.26	Phosphate	1.729	1.222	1.56	3.087	BMB
Total:			335.342	78.435	100.00	430.703	

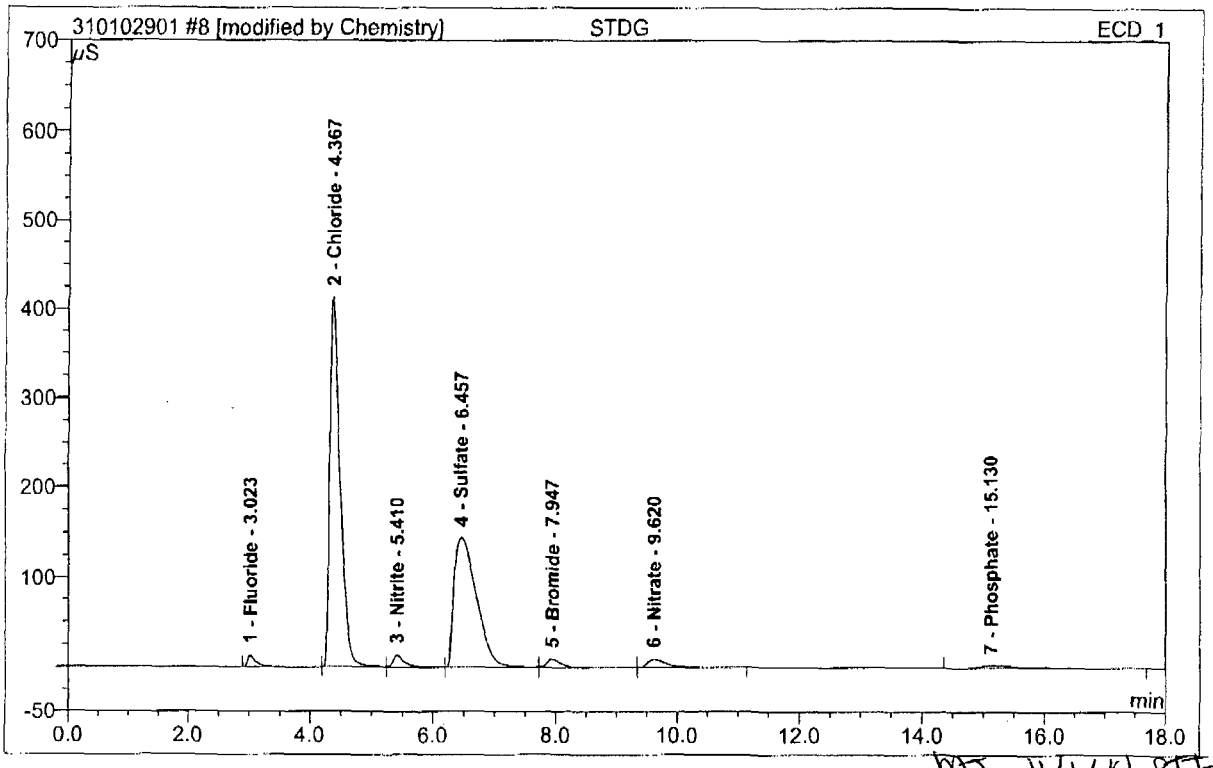
14.5 14

anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

8 STDG

Sample Name:	**STDG**	*Injection Volume:*	**20.0**
Vial Number:	**8**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/6/2010 11:52**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



MJ 11/1/10 PJT

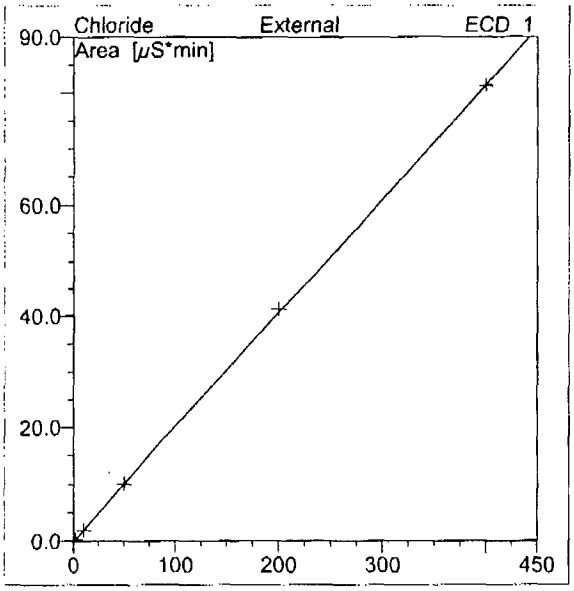
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	13.119	2.071	1.34	5.996	BMb*
2	4.37	Chloride	413.238	81.261	52.56	398.931	bM *
3	5.41	Nitrite	13.536	2.825	1.83	5.968	M *
4	6.46	Sulfate	144.578	60.786	39.32	399.242	M *
5	7.95	Bromide	8.981	2.318	1.50	25.128	Mb*
6	9.62	Nitrate	8.748	3.024	1.96	6.037	bMB*
7	15.13	Phosphate	2.845	2.309	1.49	5.833	BMB
Total:			605.045	154.594	100.00	847.135	

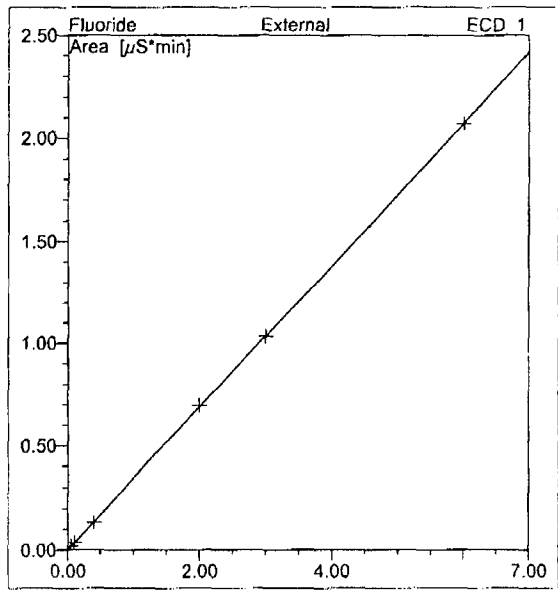
14.5

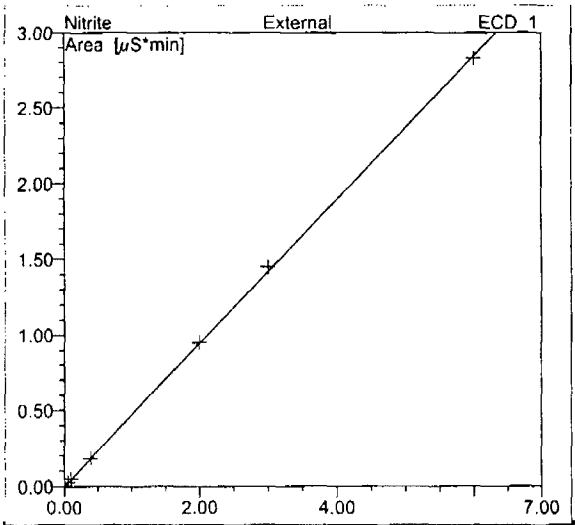
14

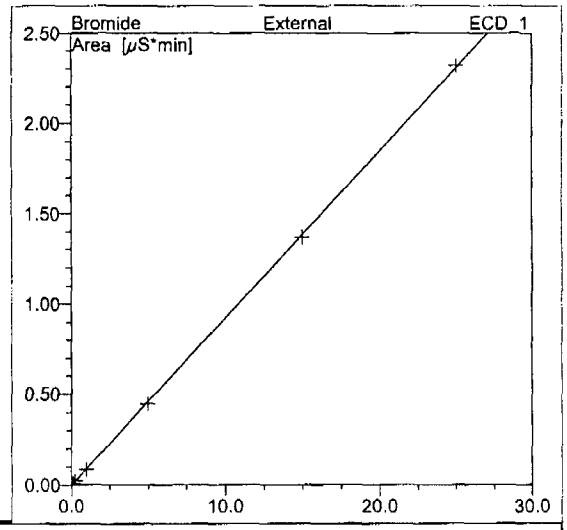
Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

11/1/2010 2:47 PM









No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	3.02	Fluoride	Lin	6	99.9987	0.0000	0.3454	0.0000
2	4.37	Chloride	Lin	6	99.9976	0.0000	0.2037	0.0000
3	5.41	Nitrite	Lin	7	99.9928	0.0000	0.4734	0.0000
4	6.46	Sulfate	Lin	7	99.9989	0.0000	0.1523	0.0000
5	7.95	Bromide	Lin	6	99.9959	0.0000	0.0922	0.0000
6	9.62	Nitrate	Lin	6	99.9935	0.0000	0.5009	0.0000
7	15.13	Phosphate	Lin	7	99.8925	0.0000	0.3959	0.0000
Average:					99.9814	0.0000	0.3091	0.0000

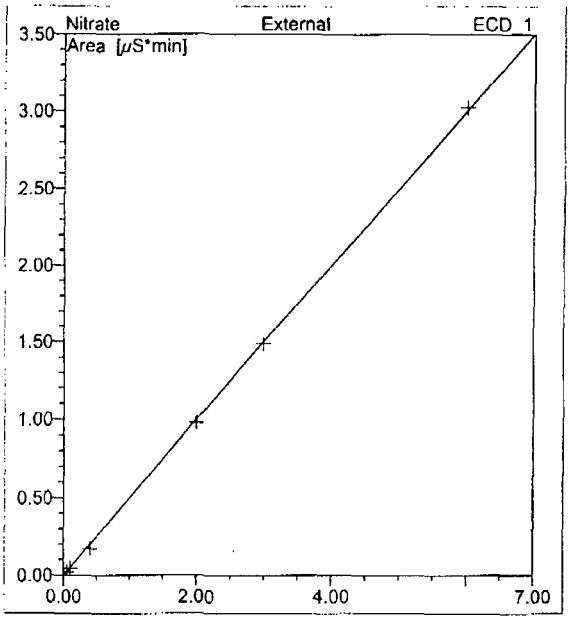
14.5

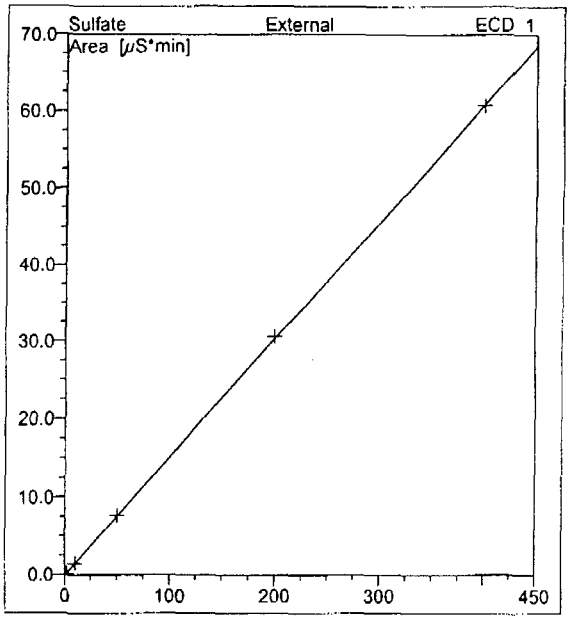
14

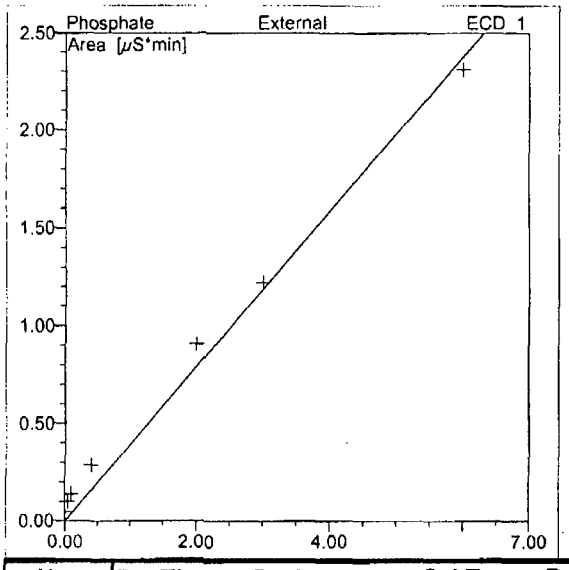
anionssystem3/Calibration(Curr.Peak)

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901







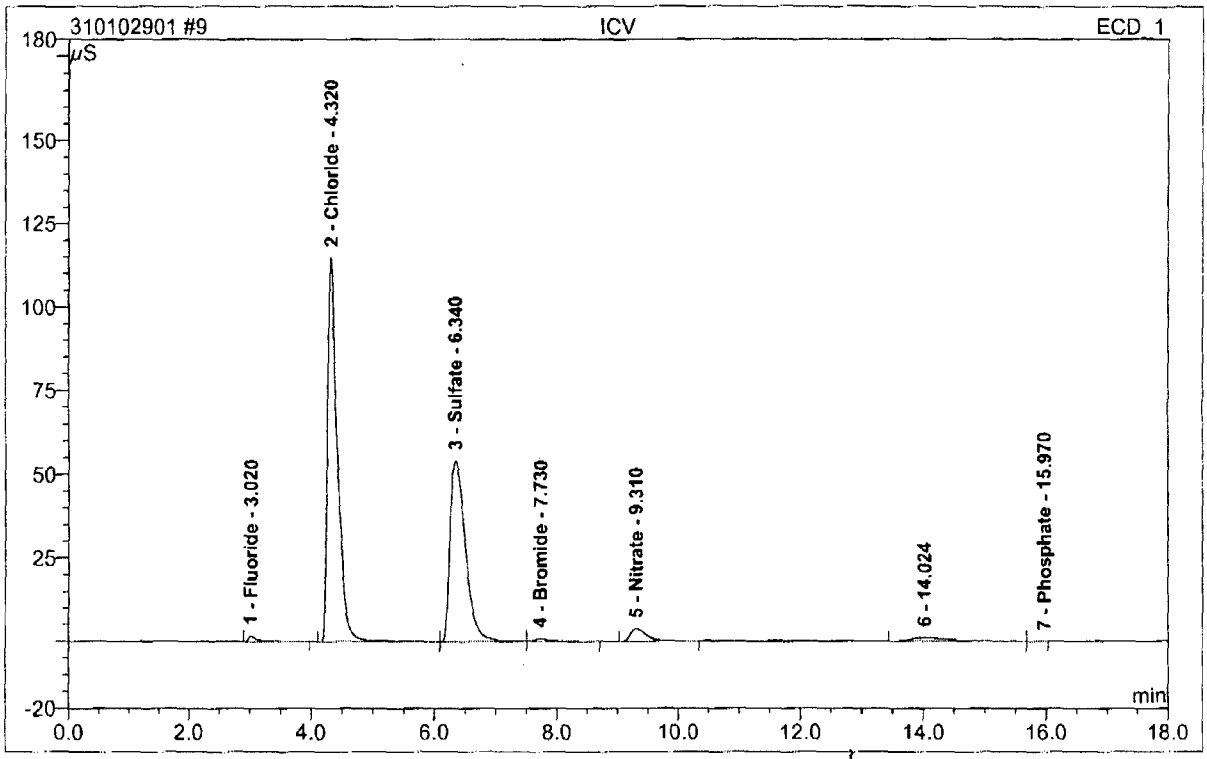
No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	3.02	Fluoride	Lin	6	99.9987	0.0000	0.3454	0.0000
2	4.37	Chloride	Lin	6	99.9976	0.0000	0.2037	0.0000
3	5.41	Nitrite	Lin	7	99.9928	0.0000	0.4734	0.0000
4	6.46	Sulfate	Lin	7	99.9989	0.0000	0.1523	0.0000
5	7.95	Bromide	Lin	6	99.9959	0.0000	0.0922	0.0000
6	9.62	Nitrate	Lin	6	99.9935	0.0000	0.5009	0.0000
7	15.13	Phosphate	Lin	7	99.8925	0.0000	0.3959	0.0000
Average:					99.9814	0.0000	0.3091	0.0000

anionssystem3/Calibration(Curr.Peak)

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

9 ICV

Sample Name:	**ICV**	*Injection Volume:*	**20.0**
Vial Number:	**2**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 9:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	TV	Amount	Type	%Rec
1	3.02	Fluoride	1.672	0.279	0.71		0.806	BMB	
2	4.32	Chloride	114.834	20.916	53.51	101.55	102.681	BM	101.1
3	6.34	Sulfate	53.947	15.815	40.46	103.17	103.872	M	100.7
4	7.73	Bromide	0.849	0.227	0.58		2.460	MB	
5	9.31	Nitrate	3.702	1.115	2.85		2.226	BMB	
6	14.02	n.a.	1.050	0.732	1.87		n.a.	BM	
7	15.97	Phosphate	0.001	0.001	0.00		0.003	MB	
Total:			176.056	39.085	100.00		212.050		

14.5 14

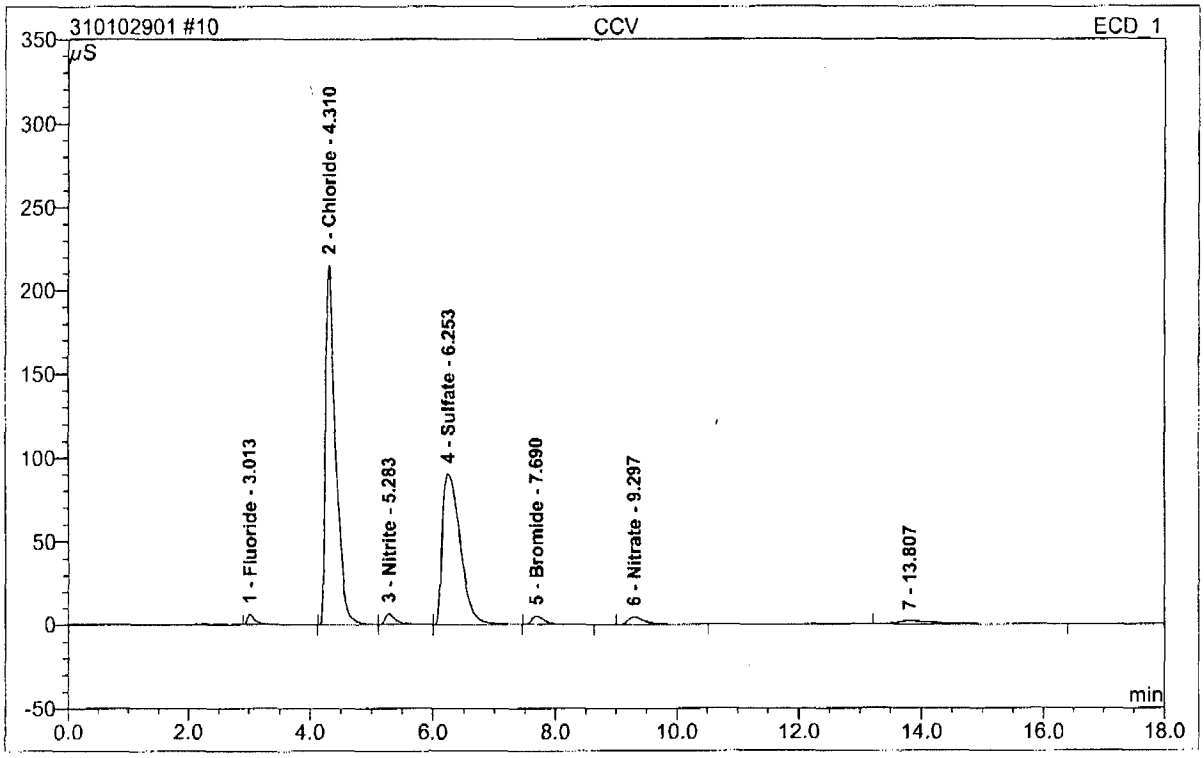
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

10 CCV

Sample Name:	**CCV**	*Injection Volume:*	**20.0**
Vial Number:	**3**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 9:29**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type	% Rec
1	3.01	Fluoride	6.365	1.009	1.29	2.920	BMB	
2	4.31	Chloride	215.108	41.187	52.69	202.196	BM	101.0
3	5.28	Nitrite	6.750	1.351	1.73	2.854	MB	
4	6.25	Sulfate	90.300	30.481	38.99	200.203	BMB	100.0
5	7.69	Bromide	5.234	1.243	1.59	13.480	BMB	
6	9.30	Nitrate	4.585	1.418	1.81	2.832	BMB	
7	13.81	n.a.	1.964	1.481	1.90	n.a.	BMB	
Total:			330.305	78.171	100.00	424.484		

14.5 14

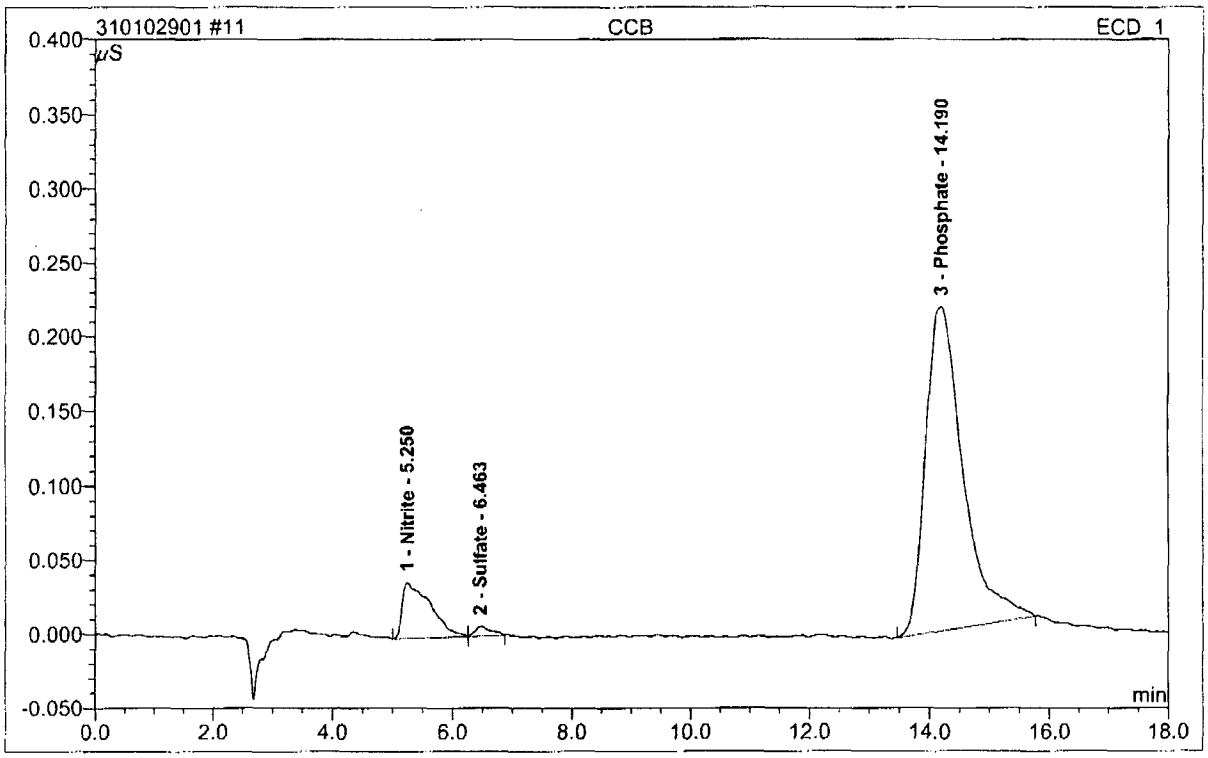
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

11 CCB

Sample Name:	**CCB**	*Injection Volume:*	**20.0**
Vial Number:	**4**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 9:50**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.25	Nitrite	0.037	0.020	11.24	0.043	BM
2	6.46	Sulfate	0.006	0.002	1.05	0.012	MB
3	14.19	Phosphate	0.218	0.157	87.71	0.397	BMB
Total:			0.261	0.179	100.00	0.452	

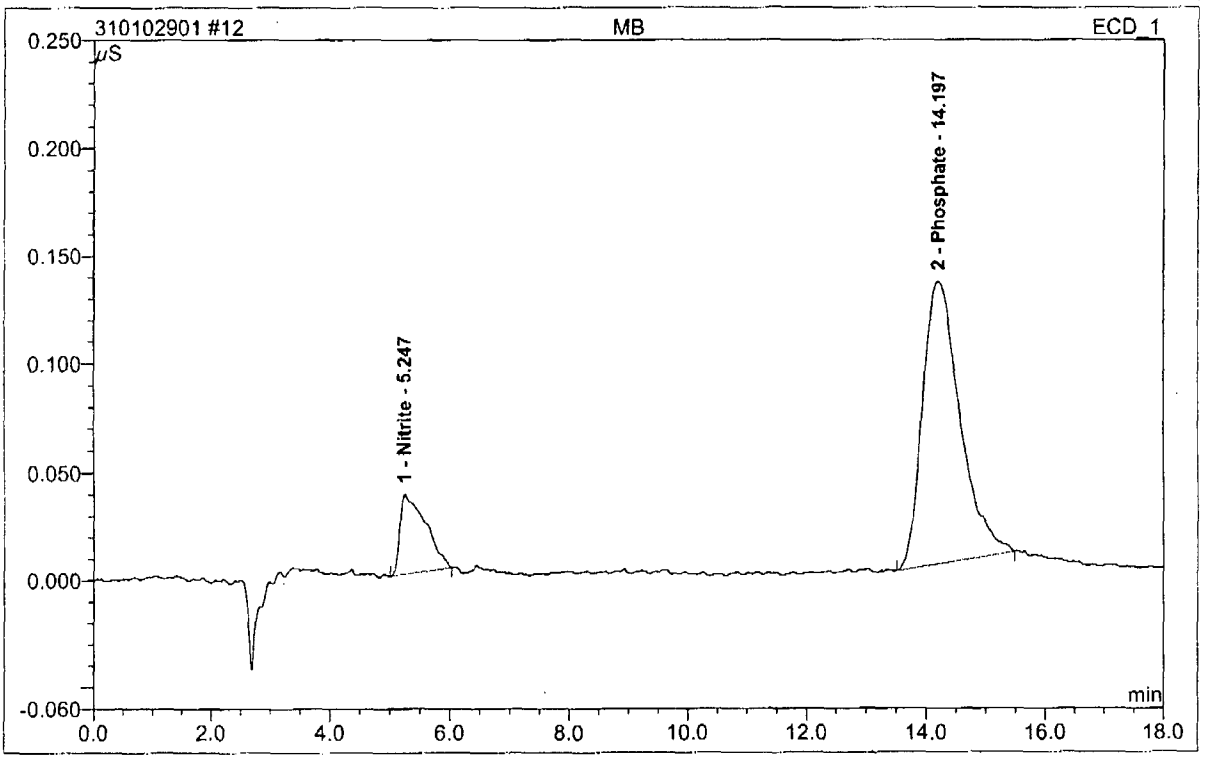
14.5 14

anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

12 MB

Sample Name:	**MB**	*Injection Volume:*	**20.0**
Vial Number:	**5**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 10:12**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**

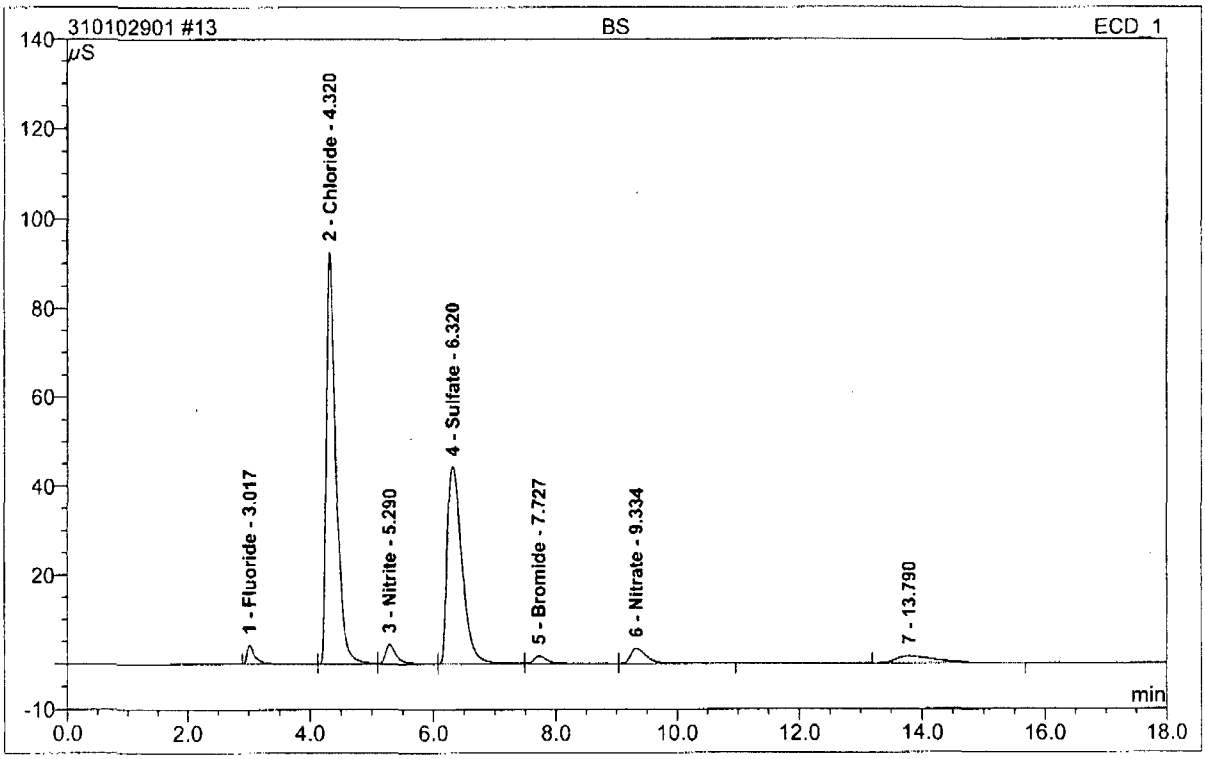


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.25	Nitrite	0.037	0.018	16.29	0.039	BMB
2	14.20	Phosphate	0.131	0.095	83.71	0.239	BMB
Total:			0.168	0.113	100.00	0.278	

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

13 BS

Sample Name:	**BS**	*Injection Volume:*	**20.0**
Vial Number:	**6**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 10:33**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type	%Rec
1	3.02	Fluoride	4.275	0.680	2.05	1.969	BM	
2	4.32	Chloride	92.500	16.647	50.09	81.723	M	102.1
3	5.29	Nitrite	4.402	0.925	2.78	1.954	M	
4	6.32	Sulfate	44.427	12.400	37.31	81.444	M	101.8
5	7.73	Bromide	1.744	0.461	1.39	4.995	M	
6	9.33	Nitrate	3.344	1.026	3.09	2.048	MB	
7	13.79	n.a.	1.525	1.095	3.29	n.a.	BMB	
Total:			152.218	33.233	100.00	174.131		

14.5 14

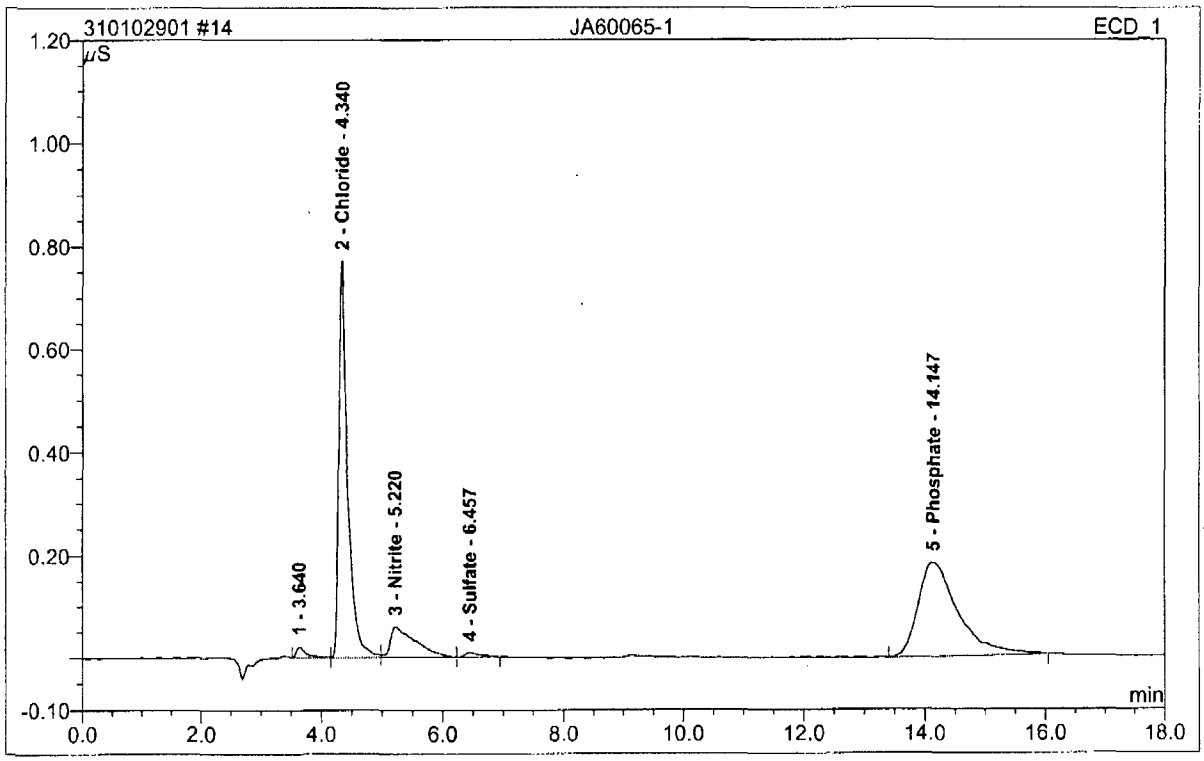
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

14 JA60065-1

Sample Name:	**JA60065-1**	*Injection Volume:*	**20.0**
Vial Number:	**7**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 10:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.64	n.a.	0.021	0.004	1.34	n.a.	BM
2	4.34	Chloride	0.770	0.130	42.70	0.640	M
3	5.22	Nitrite	0.060	0.029	9.39	0.061	M
4	6.46	Sulfate	0.008	0.002	0.79	0.016	MB
5	14.15	Phosphate	0.183	0.140	45.78	0.353	BMB
Total:			1.043	0.305	100.00	1.069	

14.5 14

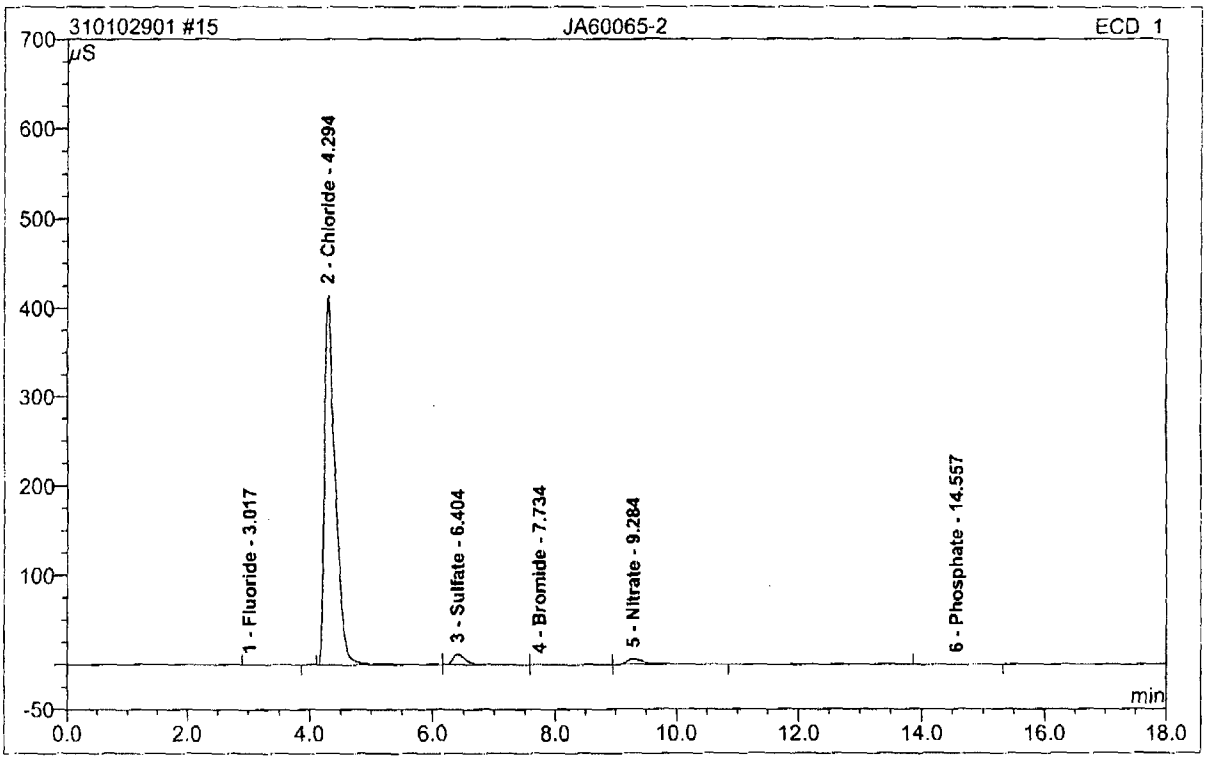
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

15 JA60065-2

Sample Name:	**JA60065-2**	*Injection Volume:*	**20.0**
Vial Number:	**8**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 11:16**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.063	0.015	0.02	0.044	BMB
2	4.29	Chloride	414.474	83.136	94.59	408.137	BM
3	6.40	Sulfate	11.616	2.866	3.26	18.822	M
4	7.73	Bromide	0.063	0.032	0.04	0.342	M
5	9.28	Nitrate	5.598	1.783	2.03	3.560	MB
6	14.56	Phosphate	0.081	0.056	0.06	0.140	BMB
Total:			431.894	87.888	100.00	431.046	

See 1:2 for CHL

14.5 14

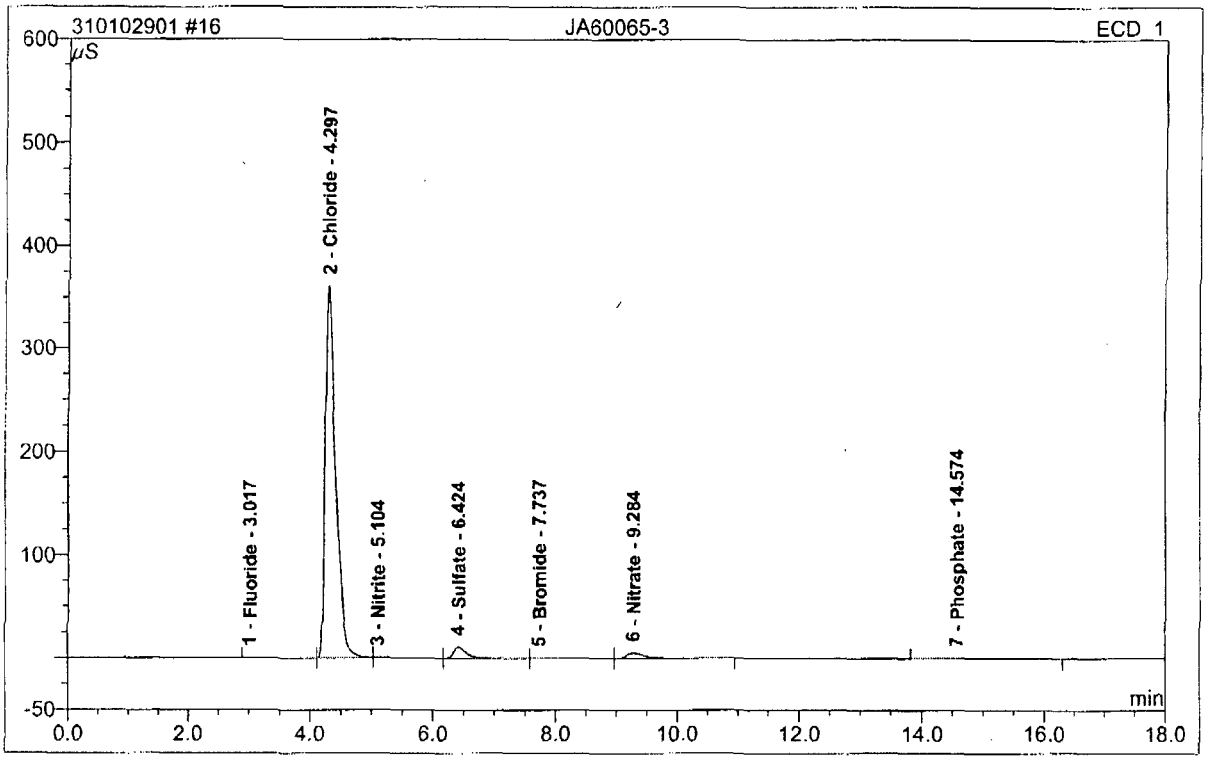
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

16 JA60065-3

Sample Name:	**JA60065-3**	*Injection Volume:*	**20.0**
Vial Number:	**9**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 11:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.077	0.025	0.03	0.071	BM
2	4.30	Chloride	361.495	71.590	93.80	351.454	M
3	5.10	Nitrite	0.587	0.356	0.47	0.751	M
4	6.42	Sulfate	10.494	2.574	3.37	16.904	M
5	7.74	Bromide	0.064	0.035	0.05	0.378	M
6	9.28	Nitrate	5.274	1.665	2.18	3.324	MB
7	14.57	Phosphate	0.082	0.076	0.10	0.193	BMB
Total:			378.072	76.320	100.00	373.075	

14.5 14

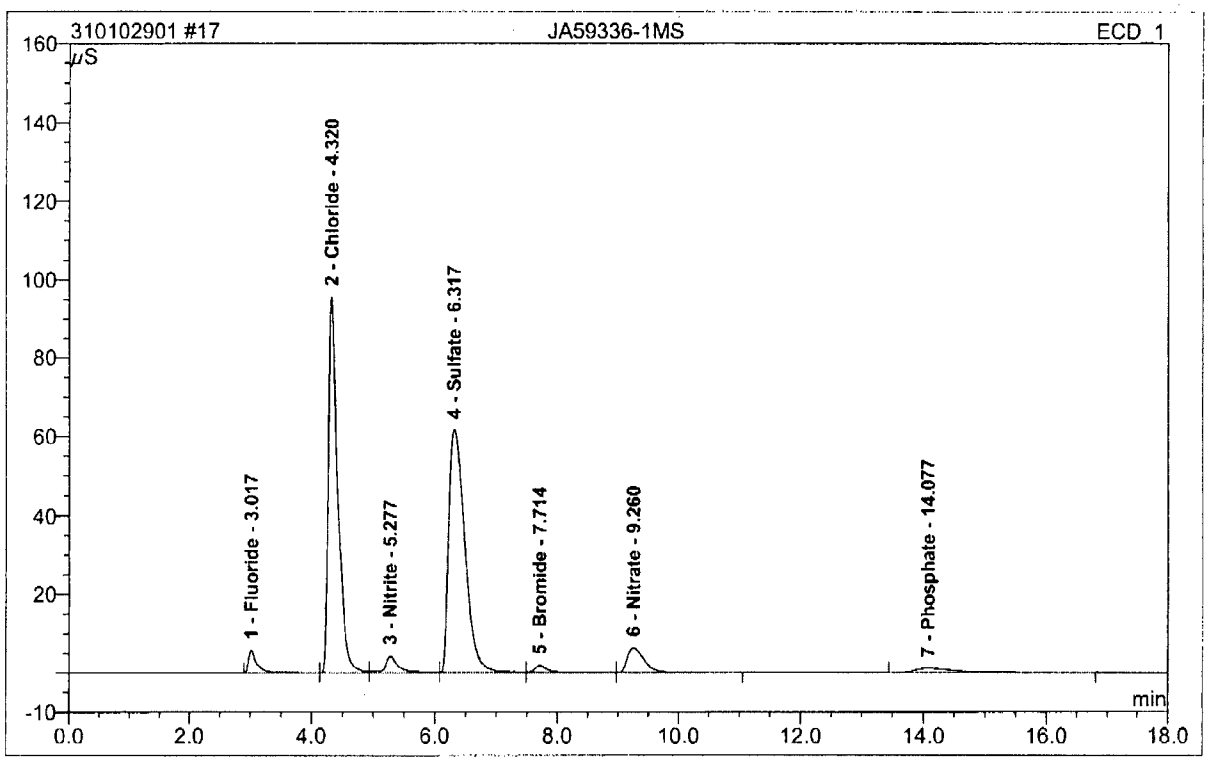
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

17 JA59336-1MS

Sample Name:	**JA59336-1MS**	*Injection Volume:*	**20.0**
Vial Number:	**10**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 11:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	5.701	0.936	2.26	2.711	BM
2	4.32	Chloride	95.633	17.068	41.18	83.793	M
3	5.28	Nitrite	4.290	1.113	2.69	2.352	M
4	6.32	Sulfate	61.670	18.855	45.49	123.840	M
5	7.71	Bromide	1.798	0.478	1.15	5.186	M
6	9.26	Nitrate	6.331	2.055	4.96	4.103	MB
7	14.08	Phosphate	1.137	0.946	2.28	2.389	BMB
Total:			176.560	41.452	100.00	224.374	

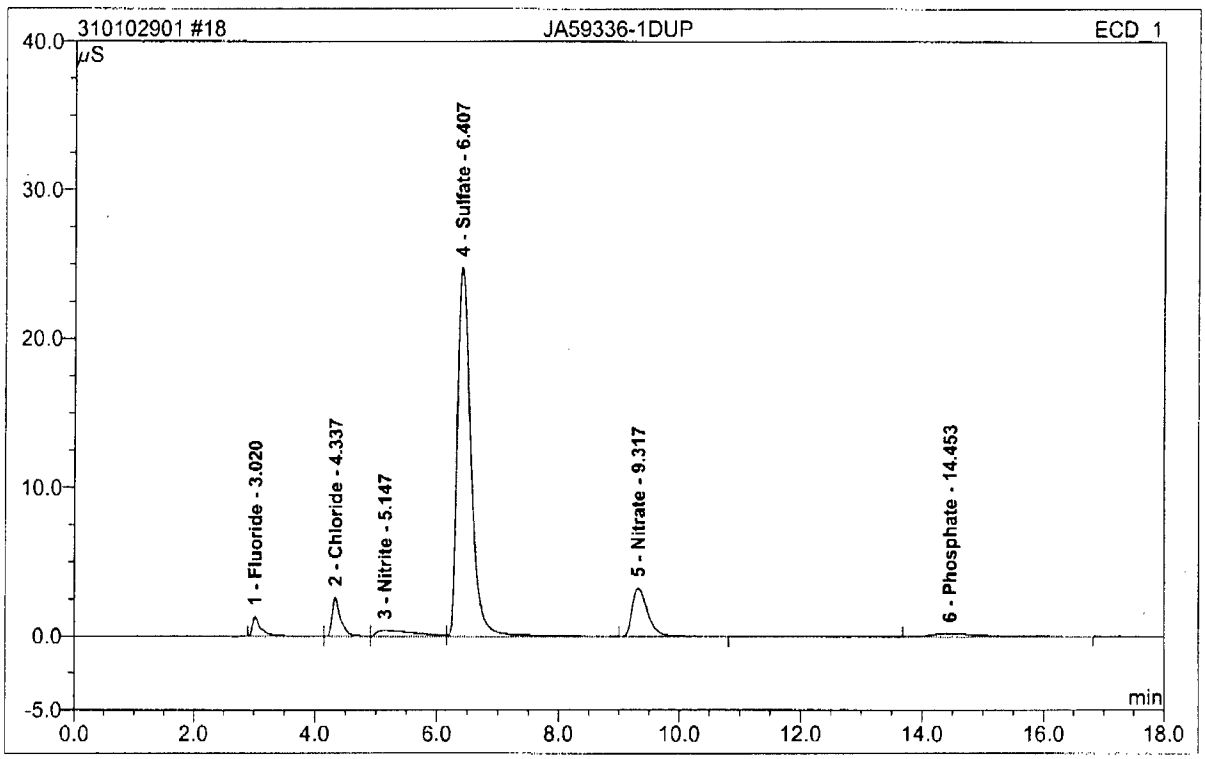
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

18 JA59336-1DUP

Sample Name:	**JA59336-1DUP**	*Injection Volume:*	**20.0**
Vial Number:	**11**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 12:20**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	1.296	0.235	2.75	0.682	BM
2	4.34	Chloride	2.644	0.426	4.98	2.089	M
3	5.15	Nitrite	0.402	0.297	3.48	0.628	M
4	6.41	Sulfate	24.778	6.419	75.08	42.159	MB
5	9.32	Nitrate	3.253	0.976	11.42	1.949	Rd
6	14.45	Phosphate	0.219	0.197	2.30	0.497	BMB
Total:			32.591	8.550	100.00	48.004	

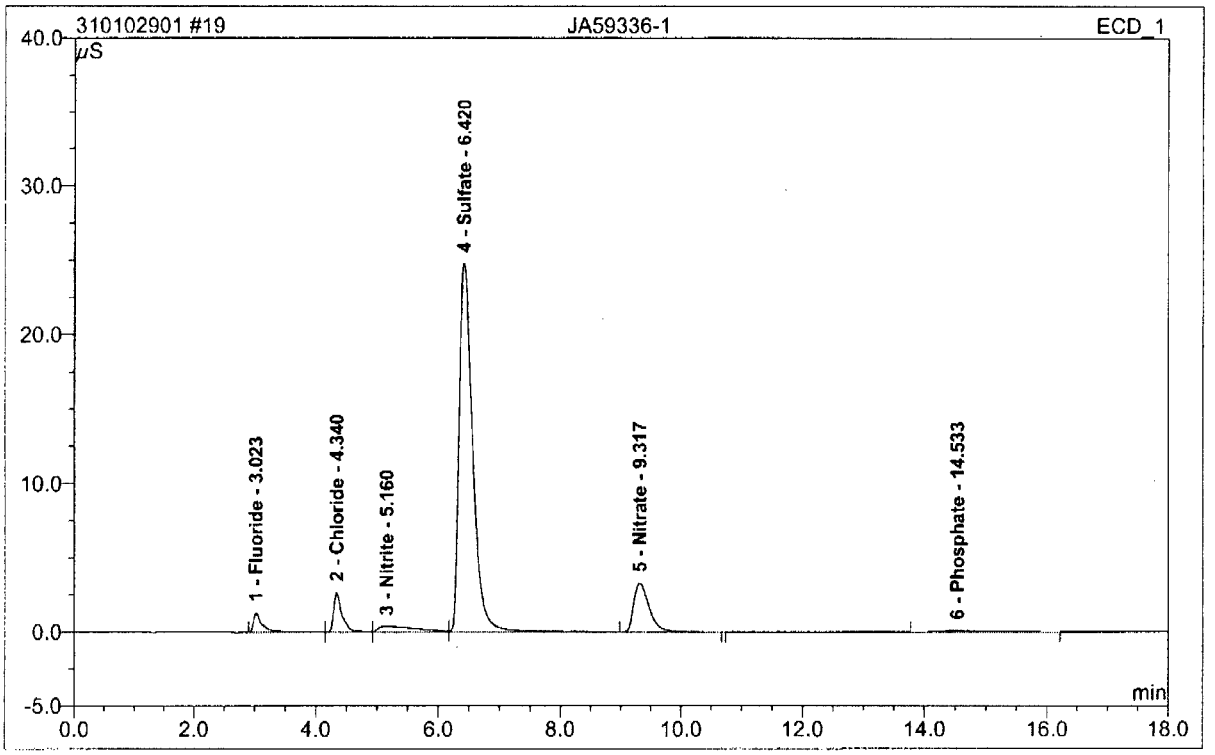
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

19 JA59336-1

Sample Name:	**JA59336-1**	*Injection Volume:*	**20.0**
Vial Number:	**12**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 12:41**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	1.290	0.230	2.73	0.666	BM
2	4.34	Chloride	2.645	0.426	5.04	2.091	M
3	5.16	Nitrite	0.395	0.294	3.48	0.621	M
4	6.42	Sulfate	24.751	6.427	76.14	42.212	MB
5	9.32	Nitrate	3.263	0.977	11.58	1.951	Rd
6	14.53	Phosphate	0.097	0.087	1.03	0.220	BMB
Total:			32.441	8.441	100.00	47.761	

14.5 14

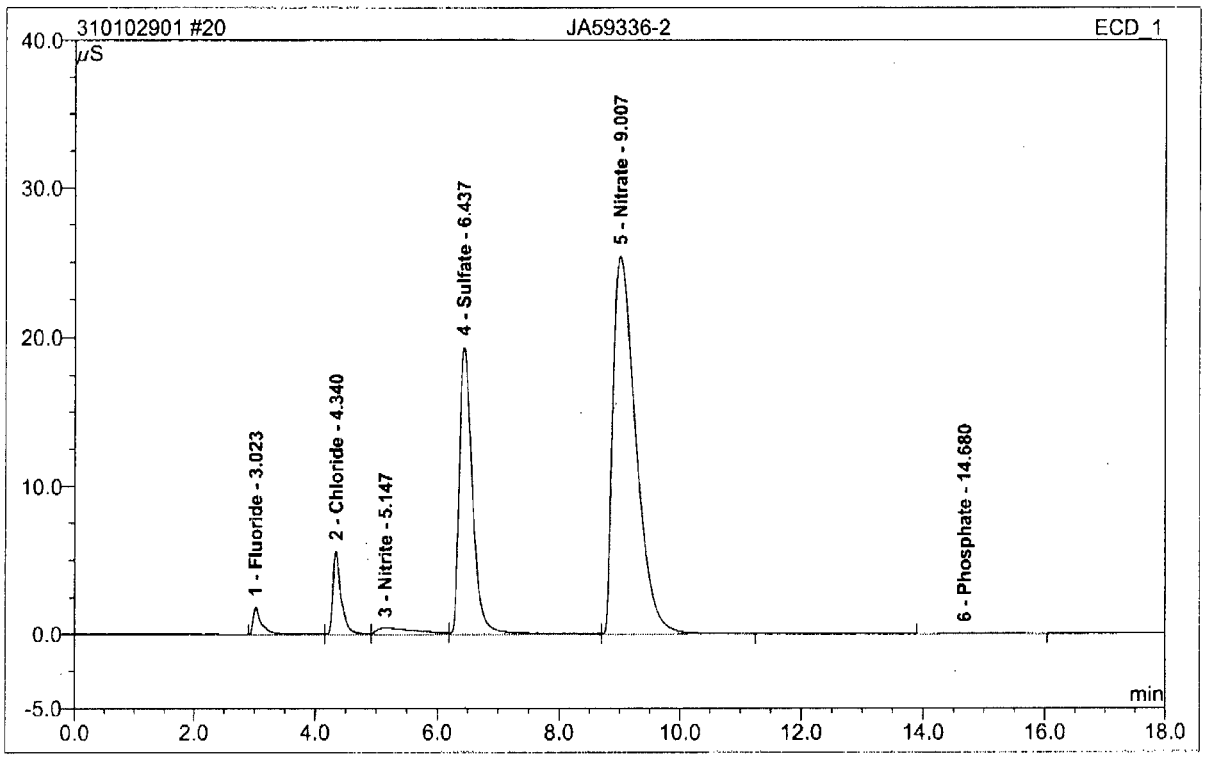
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

20 JA59336-2

Sample Name:	**JA59336-2**	*Injection Volume:*	**20.0**
Vial Number:	**13**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control.Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 13:03**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	1.835	0.322	1.83	0.931	BM
2	4.34	Chloride	5.576	0.884	5.02	4.340	M
3	5.15	Nitrite	0.424	0.322	1.82	0.679	M
4	6.44	Sulfate	19.346	4.871	27.64	31.992	M
5	9.01	Nitrate	25.358	11.177	63.43	22.316	MB
6	14.68	Phosphate	0.052	0.046	0.26	0.116	BMB
Total:			52.591	17.622	100.00	60.374	

14.5

14

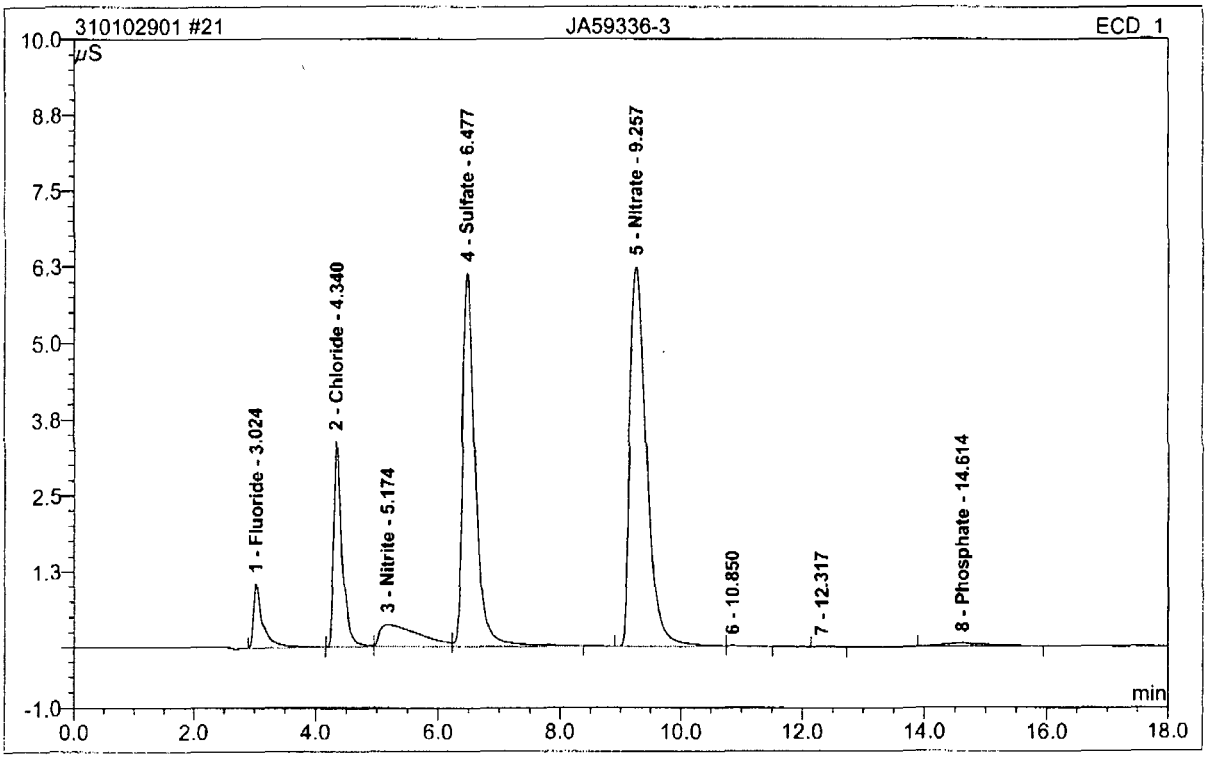
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

21 JA59336-3

Sample Name:	**JA59336-3**	*Injection Volume:*	**20.0**
Vial Number:	**14**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 13:24**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	1.064	0.190	4.19	0.550	BMB
2	4.34	Chloride	3.390	0.540	11.93	2.652	BM
3	5.17	Nitrite	0.372	0.273	6.02	0.576	M
4	6.48	Sulfate	6.140	1.474	32.53	9.678	MB
5	9.26	Nitrate	6.237	2.005	44.26	4.003	BM
6	10.85	n.a.	0.011	0.004	0.08	n.a.	MB
7	12.32	n.a.	0.007	0.002	0.04	n.a.	BMB
8	14.61	Phosphate	0.051	0.042	0.94	0.107	BMB
Total:			17.271	4.529	100.00	17.566	

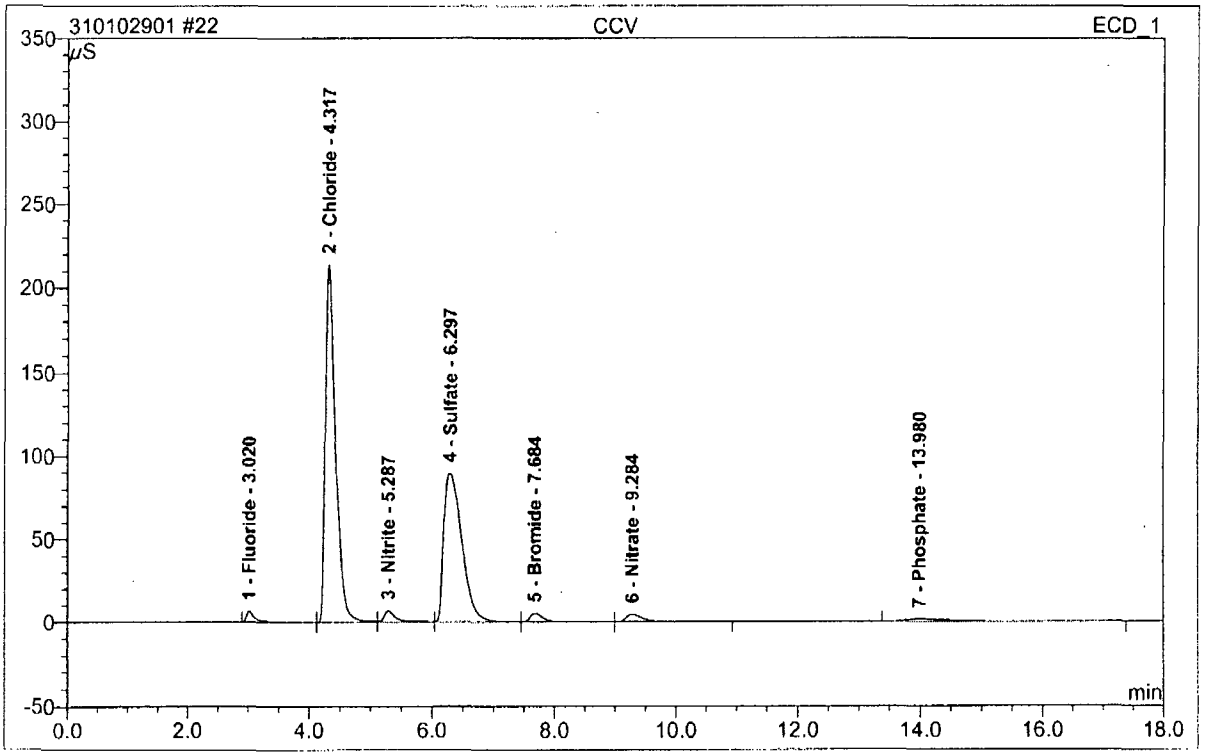
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

22 CCV

Sample Name:	**CCV**	*Injection Volume:*	**20.0**
Vial Number:	**15**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 13:46**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type	%Rec
1	3.02	Fluoride	6.403	1.044	1.33	3.023	BM	
2	4.32	Chloride	213.749	41.288	52.40	202.692	M	101.5
3	5.29	Nitrite	6.867	1.465	1.86	3.094	M	
4	6.30	Sulfate	89.762	30.894	39.21	202.914	M	101.5
5	7.68	Bromide	5.428	1.395	1.77	15.117	M	
6	9.28	Nitrate	4.651	1.460	1.85	2.916	MB	
7	13.98	Phosphate	1.590	1.244	1.58	3.143	BMB	
Total:			328.450	78.791	100.00	432.900		

14.5 14

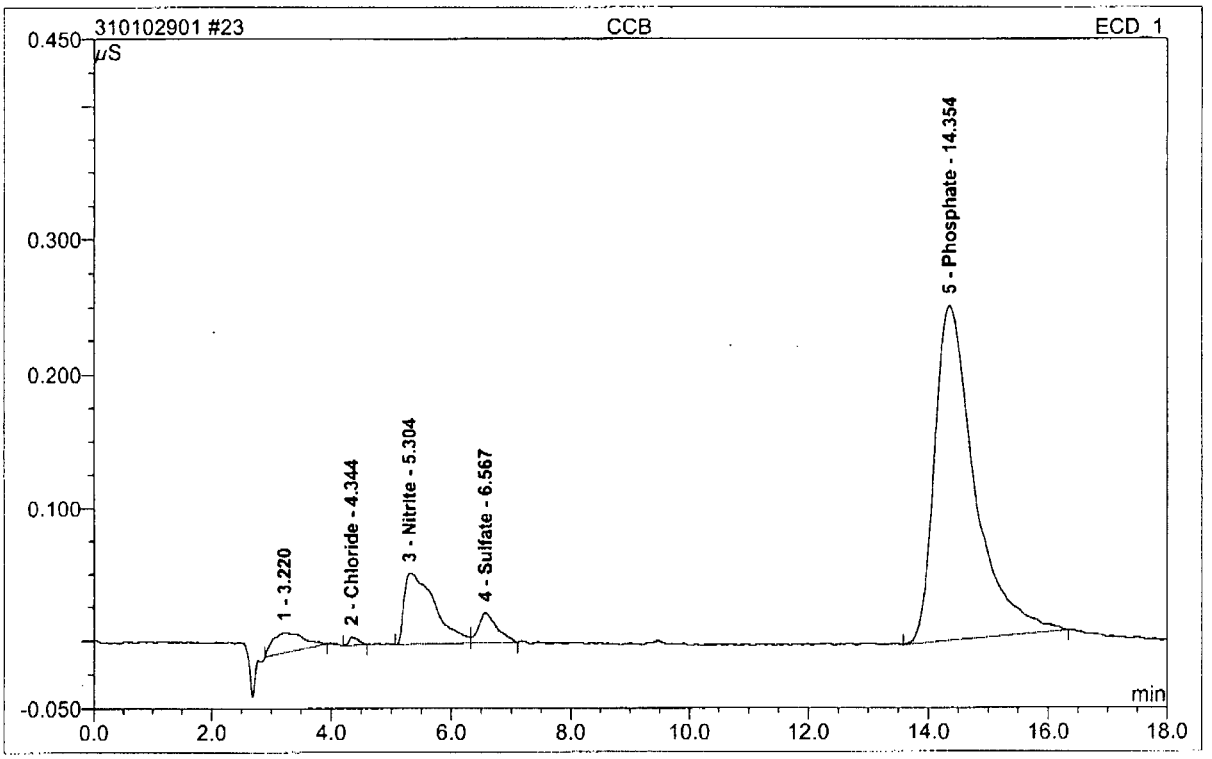
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

23 CCB

Sample Name:	**CCB**	*Injection Volume:*	**20.0**
Vial Number:	**16**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 14:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.22	n.a.	0.015	0.009	3.56	n.a.	BMB
2	4.34	Chloride	0.006	0.001	0.45	0.005	BMB
3	5.30	Nitrite	0.053	0.031	12.88	0.066	BM
4	6.57	Sulfate	0.022	0.008	3.23	0.051	MB
5	14.35	Phosphate	0.251	0.193	79.89	0.489	BMB
Total:			0.347	0.242	100.00	0.611	

14.5 14

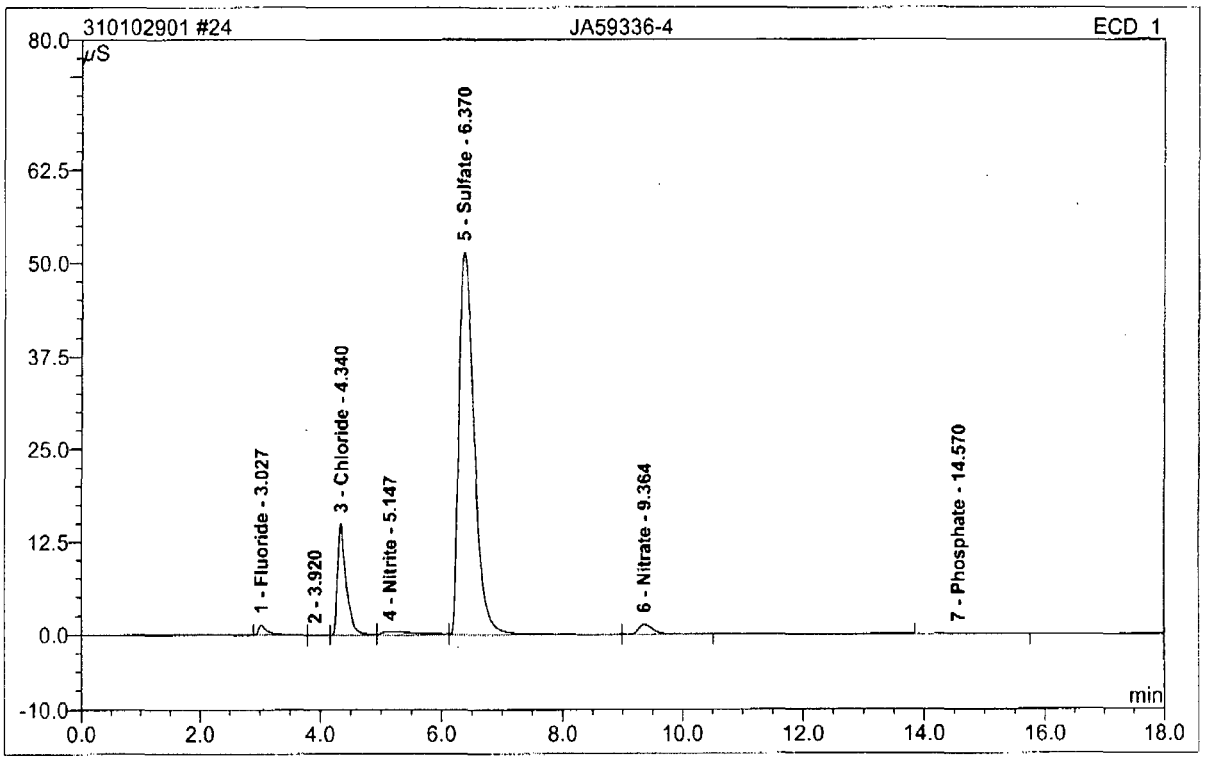
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

24 JA59336-4

Sample Name:	**JA59336-4**	*Injection Volume:*	**20.0**
Vial Number:	**17**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 14:28**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	1.314	0.226	1.21	0.655	BM
2	3.92	n.a.	0.027	0.007	0.04	n.a.	M
3	4.34	Chloride	15.061	2.459	13.21	12.073	M
4	5.15	Nitrite	0.421	0.303	1.63	0.639	M
5	6.37	Sulfate	51.428	15.163	81.45	99.589	M
6	9.36	Nitrate	1.327	0.383	2.06	0.765	MB
7	14.57	Phosphate	0.100	0.074	0.40	0.188	BMB
Total:			69.677	18.615	100.00	113.908	

14.5 14

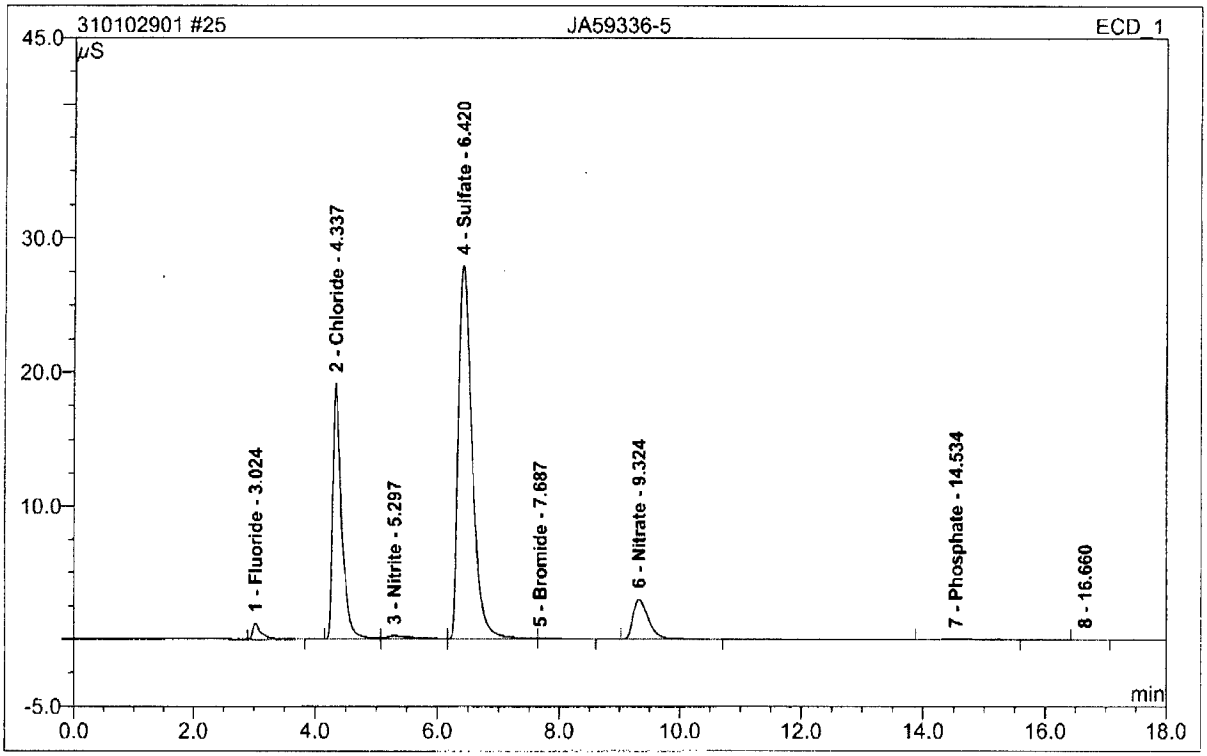
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

25 JA59336-5

Sample Name:	**JA59336-5**	*Injection Volume:*	**20.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 14:50**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	1.209	0.195	1.66	0.565	BMB
2	4.34	Chloride	19.173	3.203	27.22	15.726	BM
3	5.30	Nitrite	0.231	0.115	0.98	0.242	M
4	6.42	Sulfate	27.928	7.311	62.13	48.018	M
5	7.69	Bromide	0.056	0.023	0.20	0.255	MB
6	9.32	Nitrate	2.961	0.885	7.52	1.766	BMB
7	14.53	Phosphate	0.045	0.032	0.27	0.081	BMB
8	16.66	n.a.	0.008	0.002	0.02	n.a.	BMB
Total:			51.610	11.766	100.00	66.653	

14.5 14

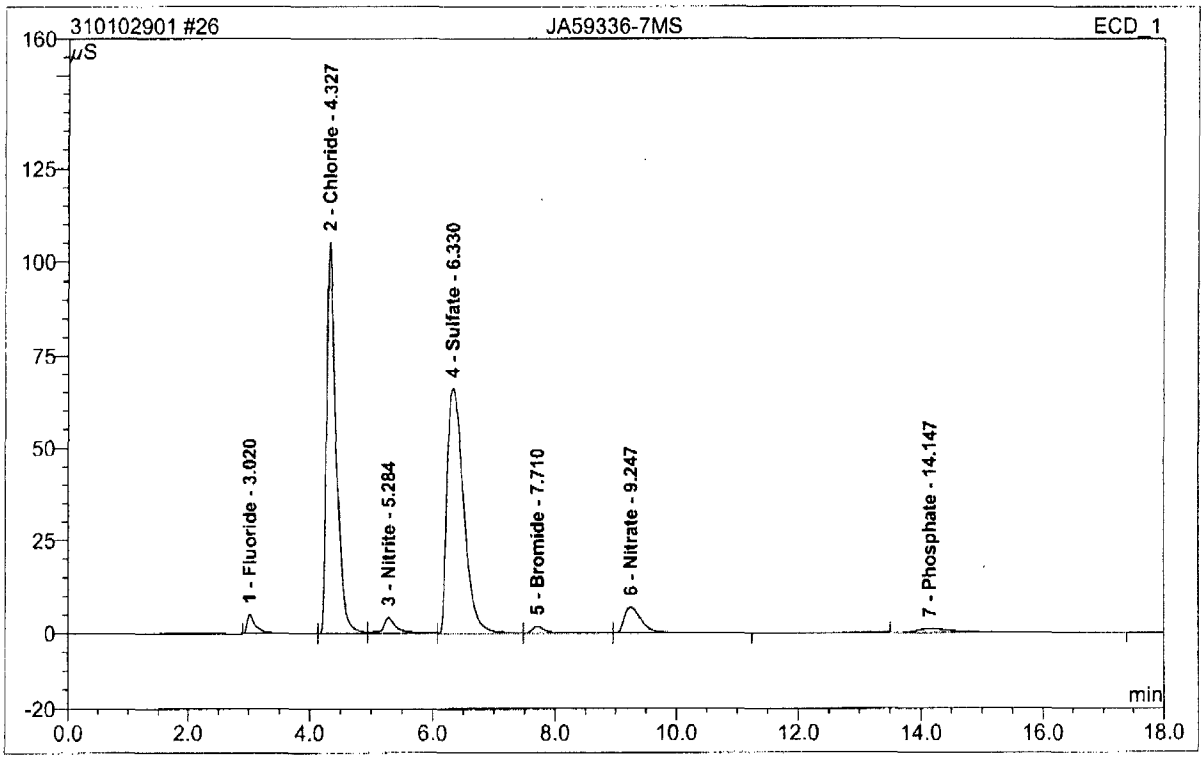
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

26 JA59336-7MS

Sample Name:	**JA59336-7MS**	*Injection Volume:*	**20.0**
Vial Number:	**19**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 15:11**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	5.106	0.866	1.91	2.508	BM
2	4.33	Chloride	105.256	19.012	41.87	93.336	M
3	5.28	Nitrite	4.293	1.120	2.47	2.366	M
4	6.33	Sulfate	66.241	20.746	45.69	136.262	M
5	7.71	Bromide	1.830	0.491	1.08	5.324	M
6	9.25	Nitrate	6.902	2.270	5.00	4.532	MB
7	14.15	Phosphate	1.089	0.901	1.98	2.276	BMB
Total:			190.717	45.408	100.00	246.605	

14.5 14

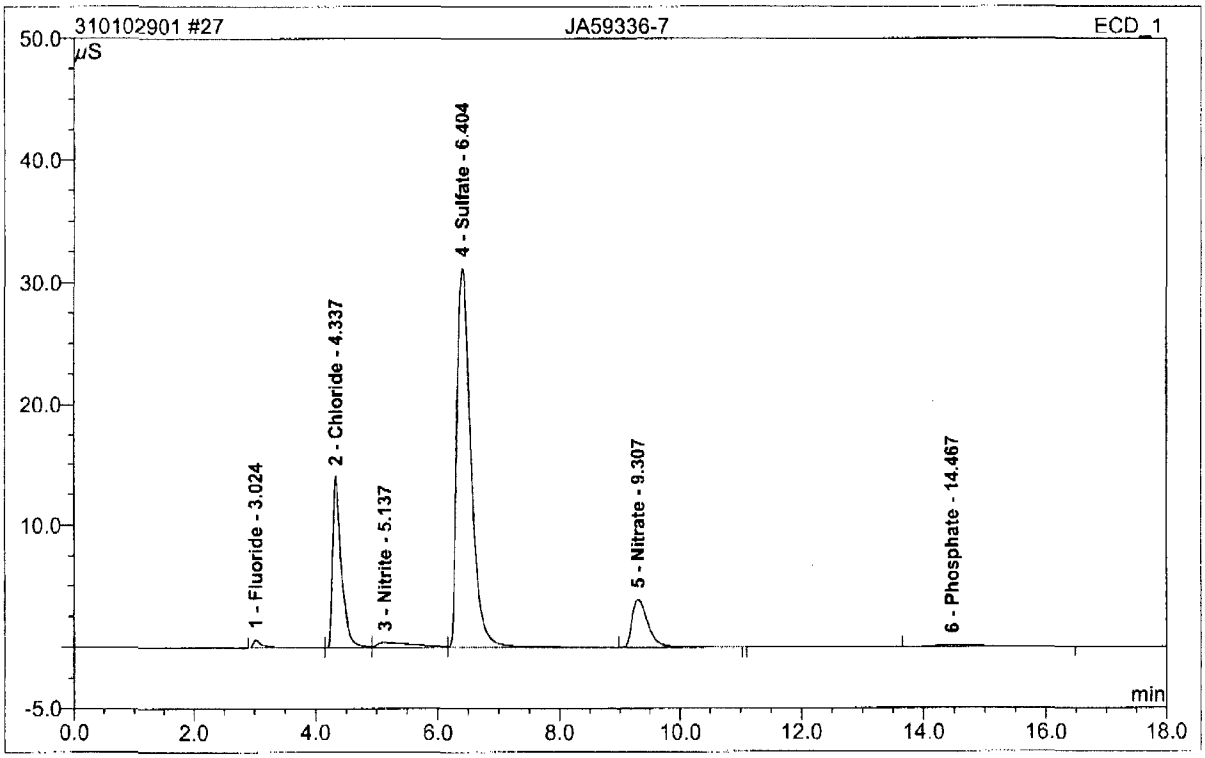
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

27 JA59336-7

Sample Name:	**JA59336-7**	*Injection Volume:*	**20.0**
Vial Number:	**20**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 15:33**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.658	0.125	1.01	0.362	BMB
2	4.34	Chloride	14.027	2.293	18.53	11.255	BM
3	5.14	Nitrite	0.418	0.302	2.44	0.638	M
4	6.40	Sulfate	31.209	8.340	67.40	54.774	MB
5	9.31	Nitrate	3.881	1.181	9.54	2.357	Rd
6	14.47	Phosphate	0.155	0.132	1.07	0.334	BMB
Total:			50.347	12.372	100.00	69.721	

14.5 14

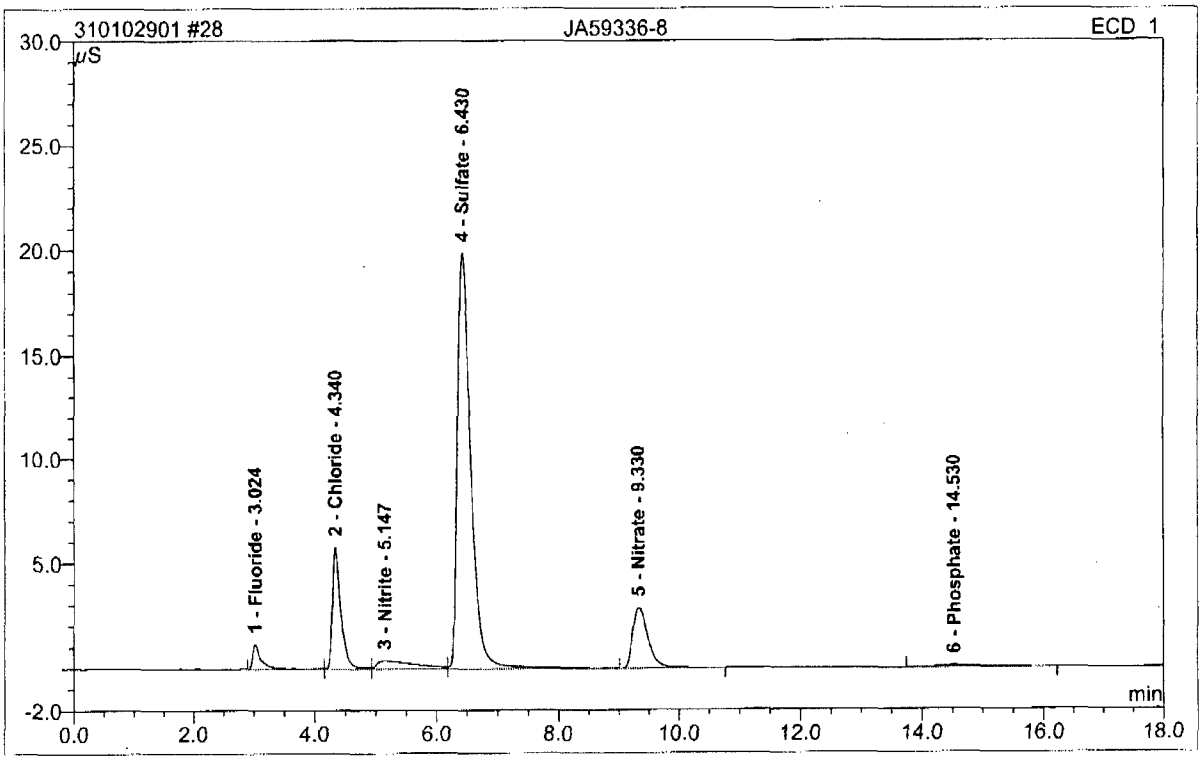
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

28 JA59336-8

Sample Name:	**JA59336-8**	*Injection Volume:*	**20.0**
Vial Number:	**21**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 15:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	1.170	0.209	2.83	0.604	BM
2	4.34	Chloride	5.761	0.921	12.50	4.521	M
3	5.15	Nitrite	0.398	0.291	3.95	0.614	M
4	6.43	Sulfate	19.843	5.028	68.26	33.023	MB
5	9.33	Nitrate	2.845	0.845	11.48	1.688	Rd
6	14.53	Phosphate	0.083	0.072	0.98	0.183	BMB
Total:			30.100	7.366	100.00	40.633	

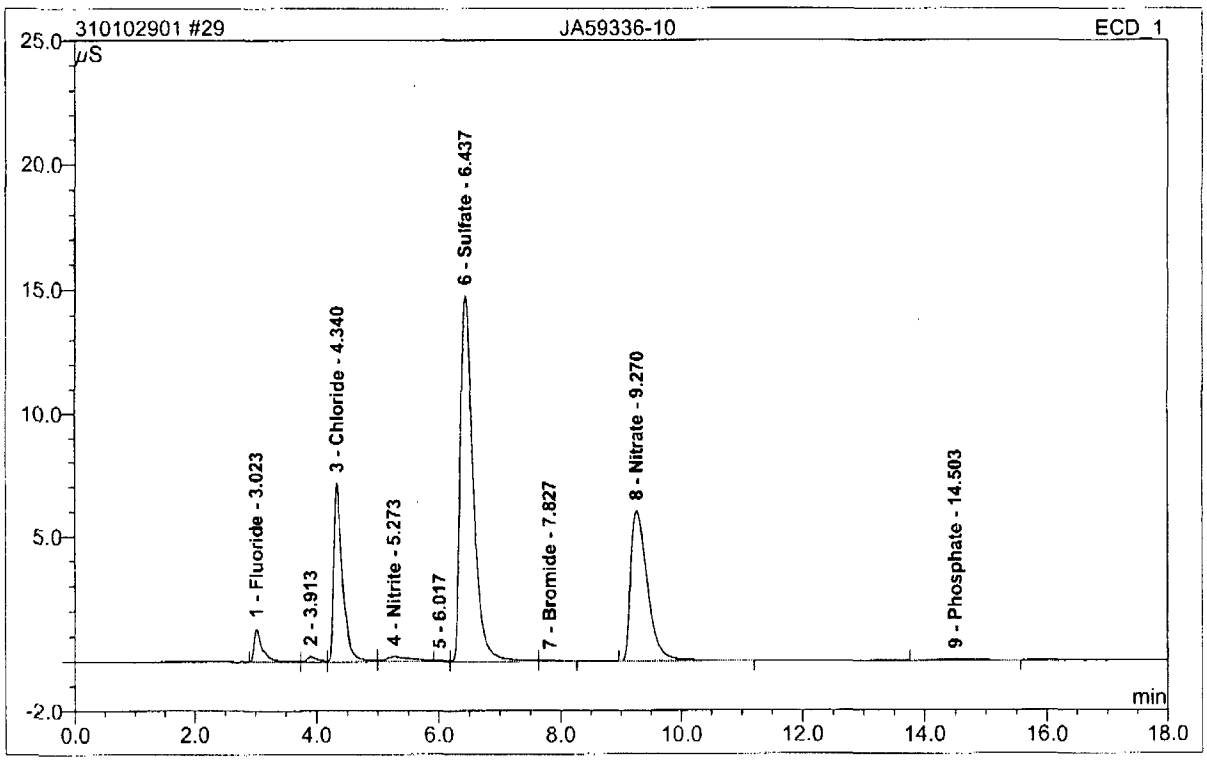
14.5 14

anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

29 JA59336-10

Sample Name:	**JA59336-10**	*Injection Volume:*	**20.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 16:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	1.316	0.217	3.06	0.628	BM
2	3.91	n.a.	0.200	0.040	0.57	n.a.	M
3	4.34	Chloride	7.151	1.163	16.44	5.711	M
4	5.27	Nitrite	0.183	0.098	1.39	0.207	M
5	6.02	n.a.	0.009	0.001	0.02	n.a.	Rd
6	6.44	Sulfate	14.719	3.588	50.70	23.564	M
7	7.83	Bromide	0.030	0.012	0.17	0.129	MB
8	9.27	Nitrate	5.983	1.927	27.24	3.848	BMB
9	14.50	Phosphate	0.041	0.030	0.42	0.075	BMB
Total:			29.632	7.077	100.00	34.162	

anionssystem3/Integration

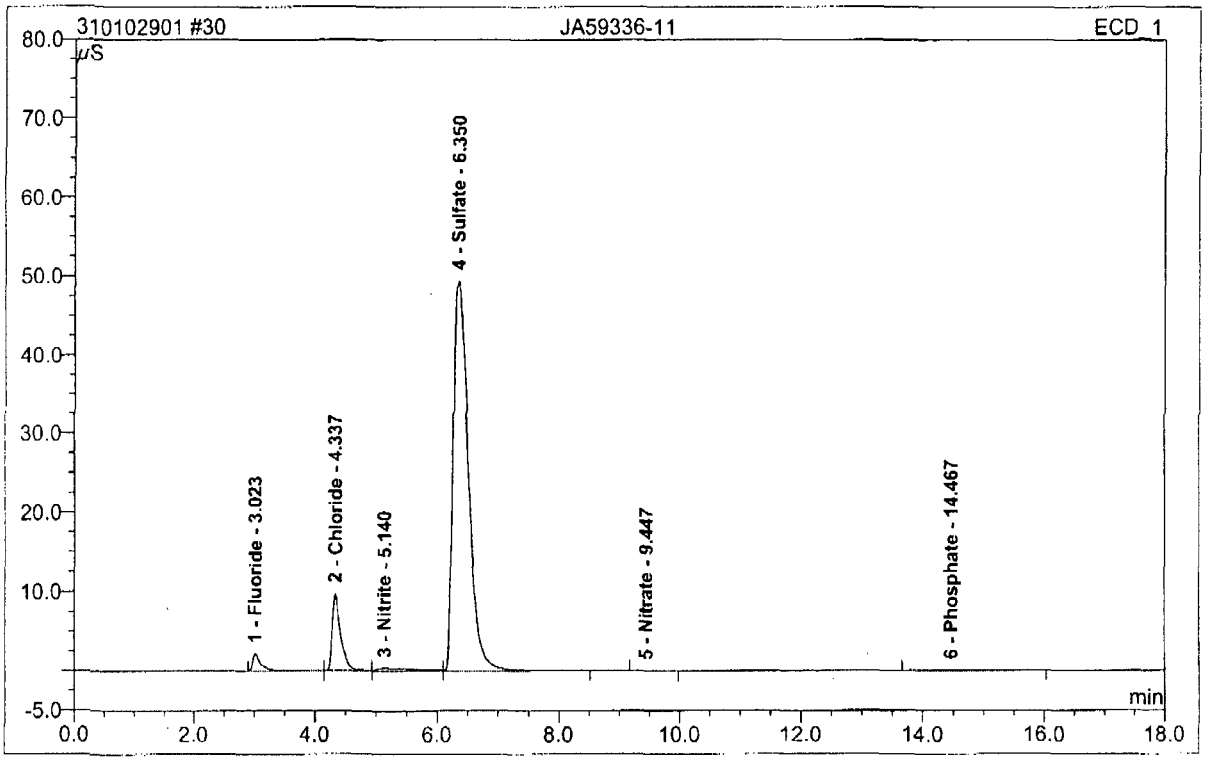
Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

14.5 14

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

30 JA59336-11

Sample Name:	**JA59336-11**	*Injection Volume:*	**20.0**
Vial Number:	**23**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 16:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	2.200	0.374	2.25	1.083	BM
2	4.34	Chloride	9.726	1.567	9.43	7.692	M
3	5.14	Nitrite	0.390	0.268	1.61	0.566	M
4	6.35	Sulfate	49.426	14.341	86.30	94.190	MB
5	9.45	Nitrate	0.037	0.011	0.06	0.021	BMB
6	14.47	Phosphate	0.065	0.056	0.34	0.141	BMB
Total:			61.844	16.616	100.00	103.695	

14.5

14

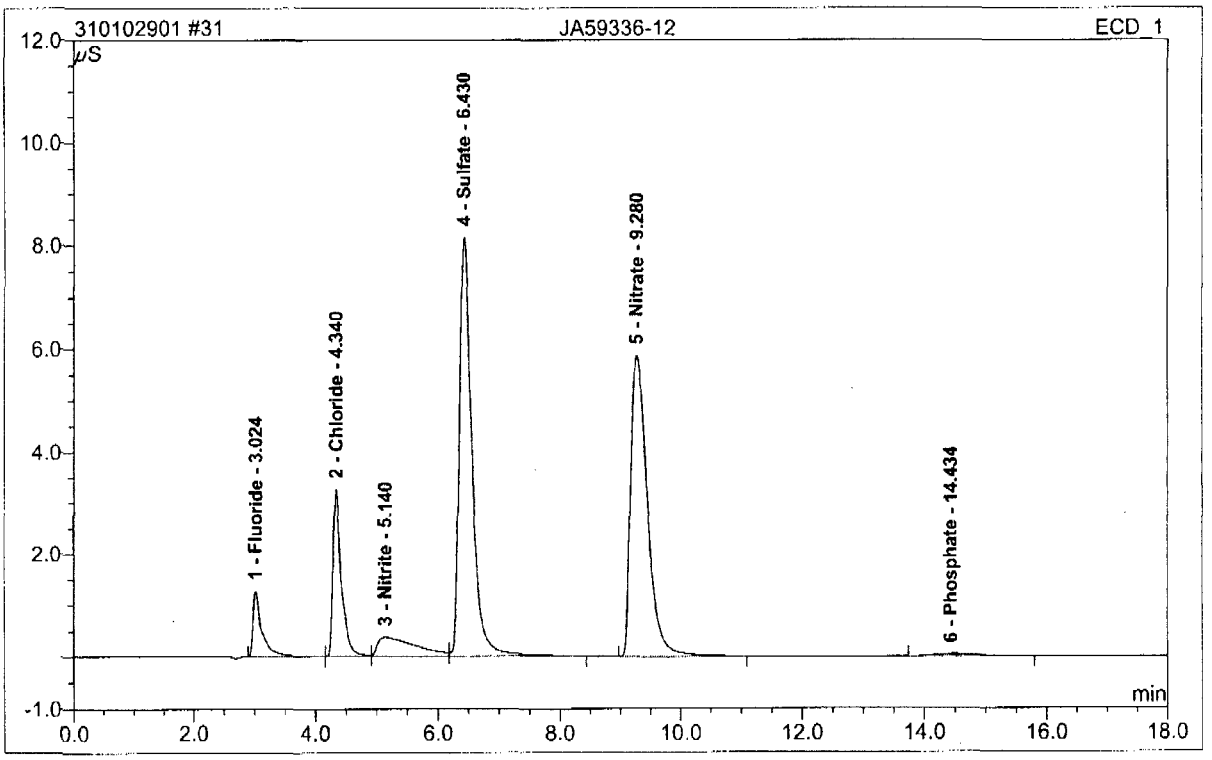
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

31 JA59336-12

Sample Name:	**JA59336-12**	*Injection Volume:*	**20.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 16:58**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	1.273	0.222	4.53	0.642	BMB
2	4.34	Chloride	3.272	0.522	10.65	2.562	BM
3	5.14	Nitrite	0.378	0.269	5.49	0.568	M
4	6.43	Sulfate	8.153	1.962	40.04	12.884	MB
5	9.28	Nitrate	5.883	1.890	38.57	3.773	BMB
6	14.43	Phosphate	0.041	0.035	0.71	0.088	BMB
Total:			18.999	4.899	100.00	20.517	

14.5

14

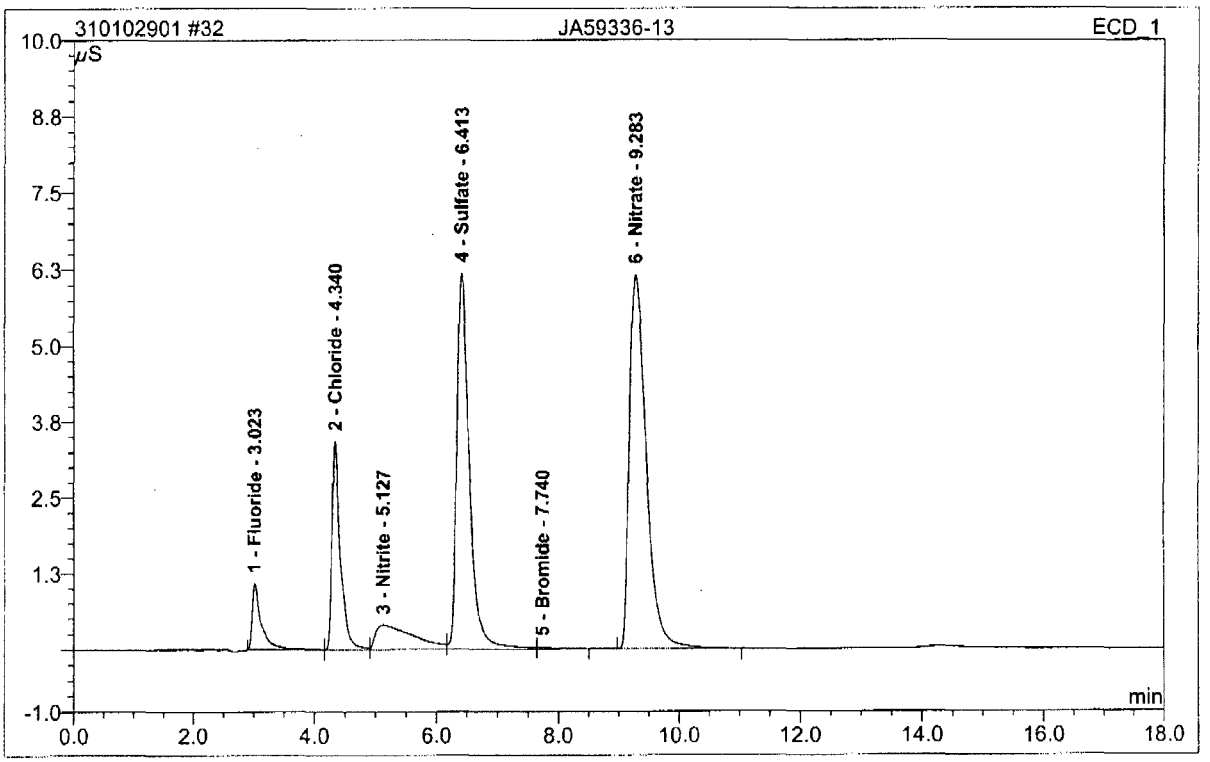
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

32 JA59336-13

Sample Name:	**JA59336-13**	*Injection Volume:*	**20.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 17:20**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	1.092	0.194	4.31	0.561	BM
2	4.34	Chloride	3.428	0.549	12.19	2.694	M
3	5.13	Nitrite	0.392	0.282	6.25	0.595	M
4	6.41	Sulfate	6.183	1.475	32.76	9.687	M
5	7.74	Bromide	0.023	0.009	0.20	0.100	MB
6	9.28	Nitrate	6.152	1.994	44.29	3.981	BMB
Total:			17.271	4.502	100.00	17.618	

14.5 14

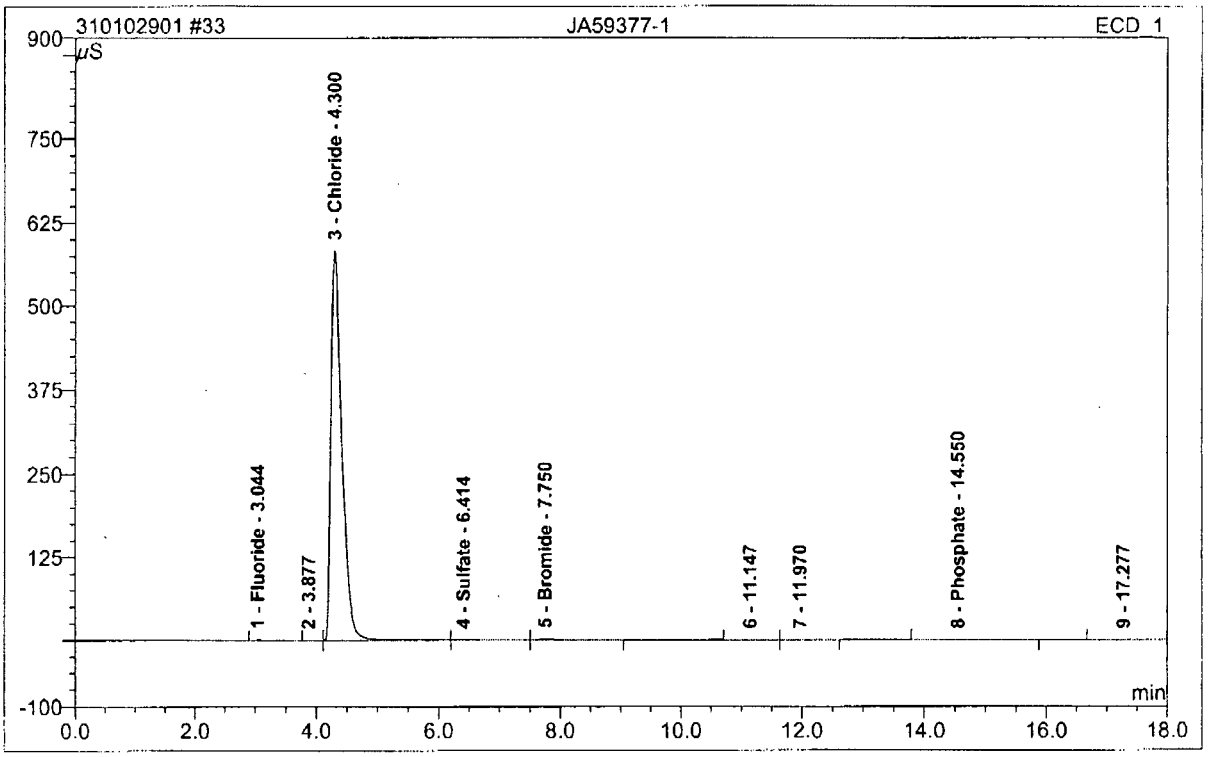
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

33 JA59377-1

Sample Name:	**JA59377-1**	*Injection Volume:*	**20.0**
Vial Number:	**26**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 17:41**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.708	0.289	0.24	0.835	BM
2	3.88	n.a.	0.024	0.004	0.00	n.a.	Rd
3	4.30	Chloride	582.958	120.240	99.06	590.285	M
4	6.41	Sulfate	0.661	0.266	0.22	1.744	M
5	7.75	Bromide	1.687	0.435	0.36	4.718	MB
6	11.15	n.a.	0.020	0.009	0.01	n.a.	BM
7	11.97	n.a.	0.017	0.008	0.01	n.a.	MB
8	14.55	Phosphate	0.033	0.029	0.02	0.074	BMB
9	17.28	n.a.	0.174	0.105	0.09	n.a.	BMB
Total:			586.282	121.385	100.00	597.657	

anionssystem3/Integration

rerun CHL @ 1:3

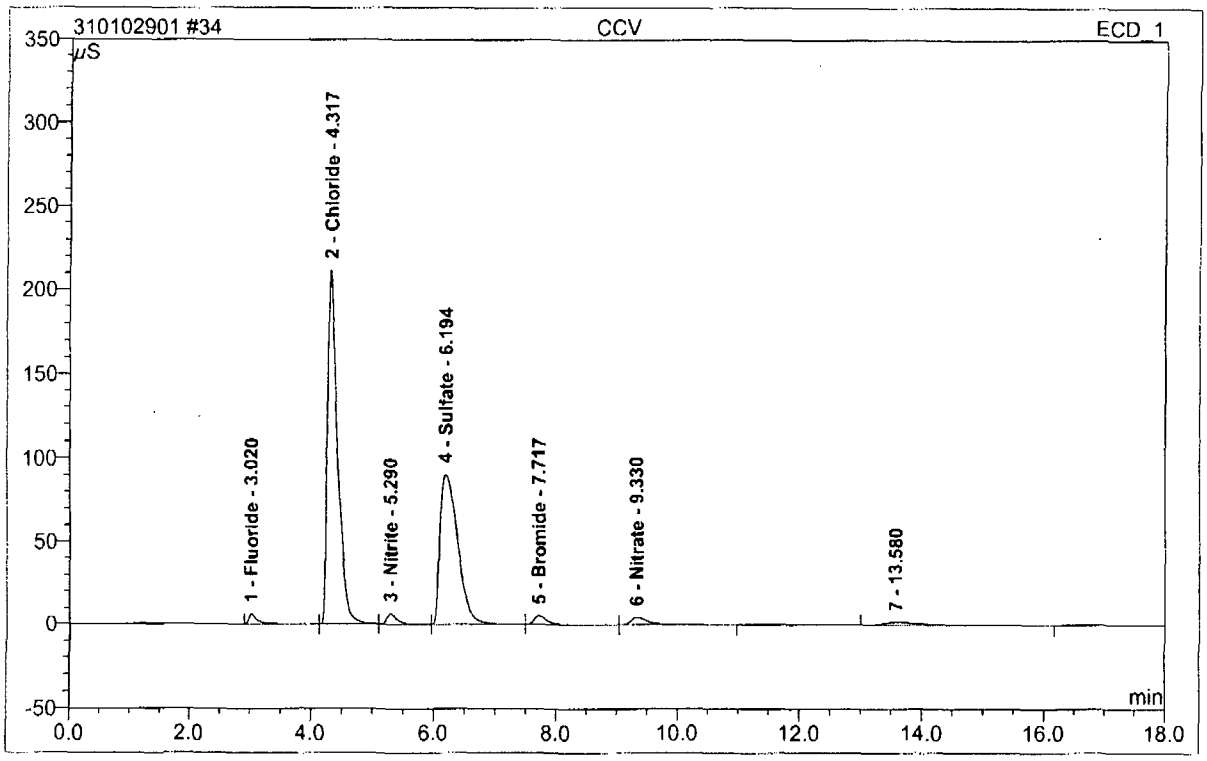
Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

14.5 14

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

34 CCV

Sample Name:	**CCV**	*Injection Volume:*	**20.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 18:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type	% Rec
1	3.02	Fluoride	6.371	1.040	1.33	3.010	BM	
2	4.32	Chloride	211.934	41.168	52.50	202.104	M	101.0
3	5.29	Nitrite	6.841	1.473	1.88	3.112	M	
4	6.19	Sulfate	90.666	30.634	39.06	201.203	M	100.5
5	7.72	Bromide	5.354	1.382	1.76	14.987	M	
6	9.33	Nitrate	4.594	1.461	1.86	2.917	MB	
7	13.58	n.a.	1.654	1.259	1.61	n.a.	BMB	
Total:			327.414	78.418	100.00	427.333		

14.5

14

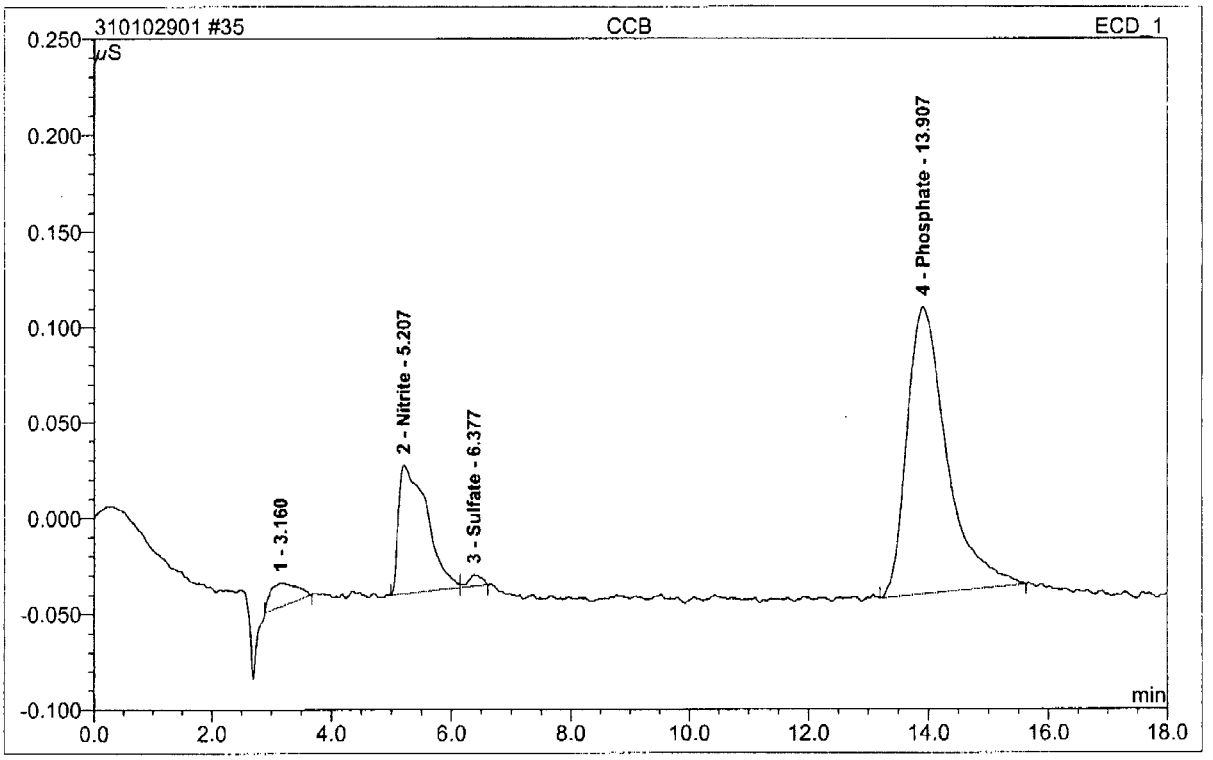
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

35 CCB

Sample Name:	**CCB**	*Injection Volume:*	**20.0**
Vial Number:	**28**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 18:24**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.16	n.a.	0.012	0.006	3.85	n.a.	BMB
2	5.21	Nitrite	0.067	0.037	23.07	0.078	BM
3	6.38	Sulfate	0.006	0.001	0.94	0.010	MB
4	13.91	Phosphate	0.151	0.115	72.14	0.290	BMB
Total:			0.236	0.159	100.00	0.377	

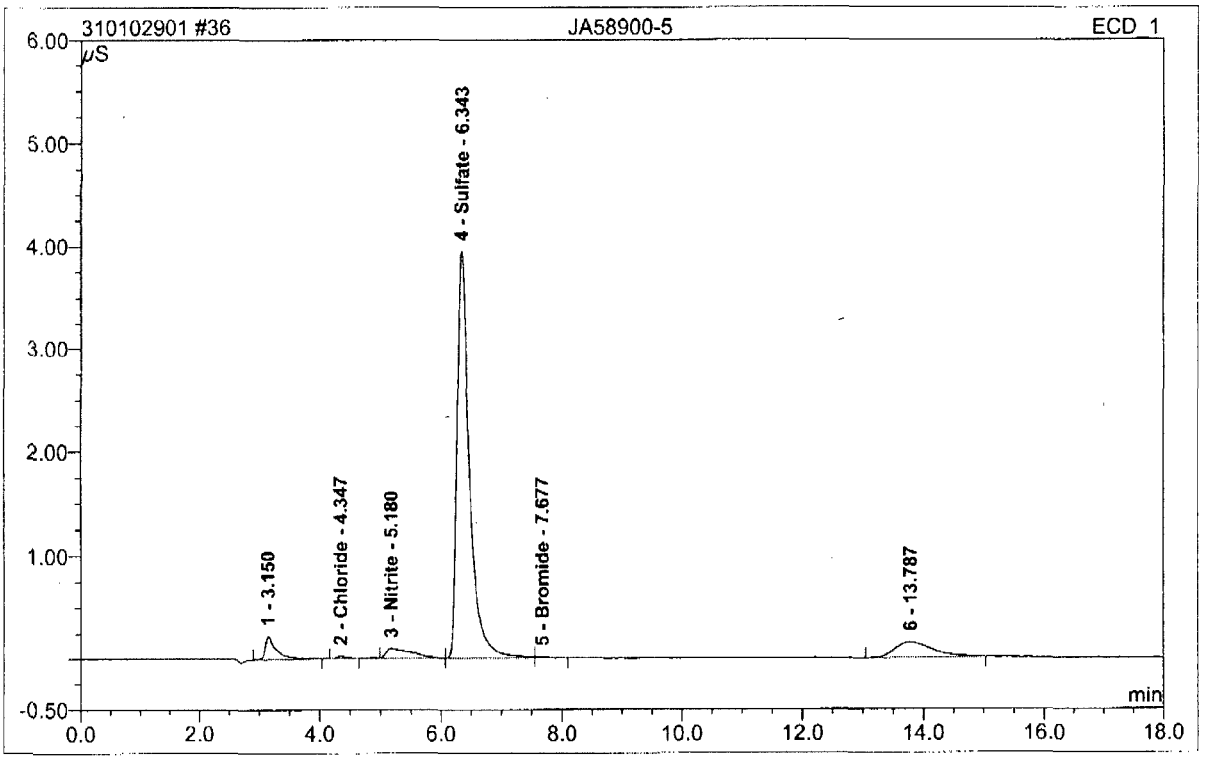
14.5 14

anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

36 JA58900-5

Sample Name:	**JA58900-5**	*Injection Volume:*	**20.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 18:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



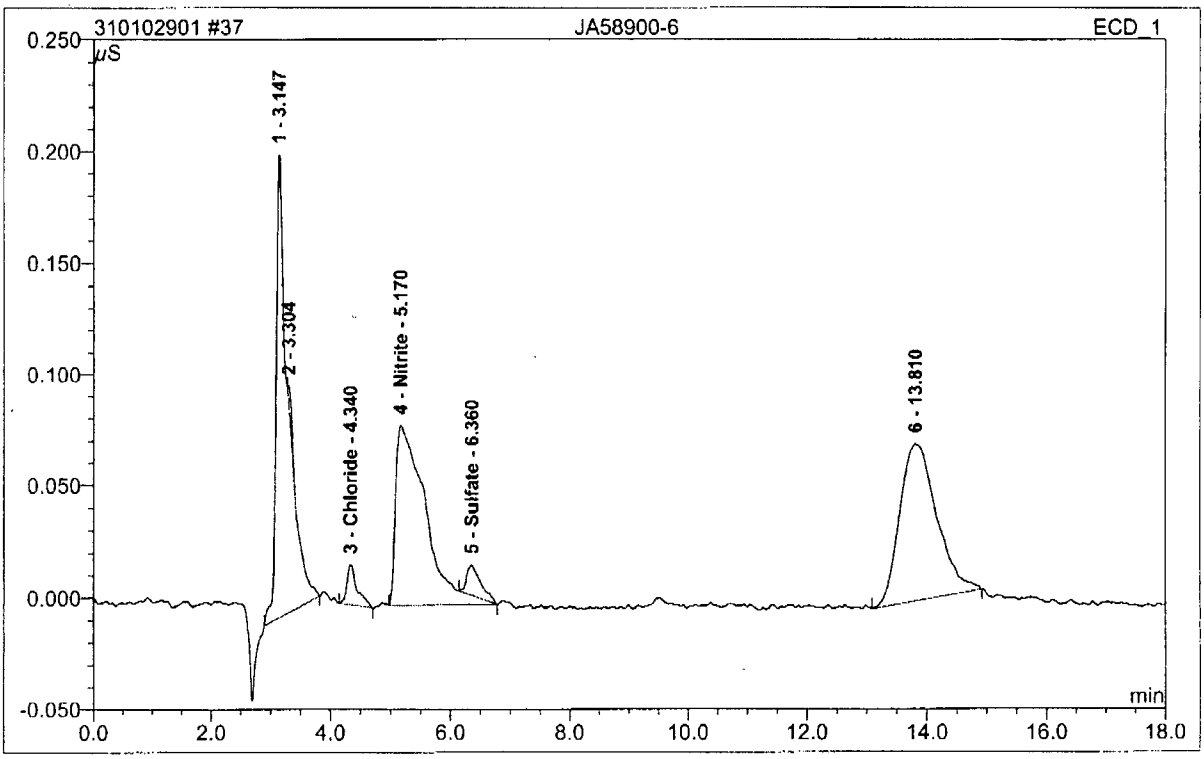
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.15	n.a.	0.228	0.052	4.50	n.a.	BMB
2	4.35	Chloride	0.025	0.004	0.36	0.021	BMB
3	5.18	Nitrite	0.094	0.047	4.10	0.100	BM
4	6.34	Sulfate	3.939	0.942	81.33	6.185	M
5	7.68	Bromide	0.012	0.004	0.32	0.040	MB
6	13.79	n.a.	0.151	0.109	9.39	n.a.	BMB
Total:			4.449	1.158	100.00	6.347	

14.5 14

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

37 JA58900-6

Sample Name:	**JA58900-6**	*Injection Volume:*	**20.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 19:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.15	n.a.	0.207	0.049	31.81	n.a.	BMB
2	3.30	n.a.	0.008	0.001	0.65	n.a.	Rd
3	4.34	Chloride	0.018	0.004	2.34	0.018	BMB
4	5.17	Nitrite	0.080	0.046	30.12	0.097	BMB
5	6.36	Sulfate	0.013	0.004	2.42	0.024	Rd
6	13.81	n.a.	0.070	0.050	32.66	n.a.	BMB
Total:			0.397	0.153	100.00	0.139	

14.5 14

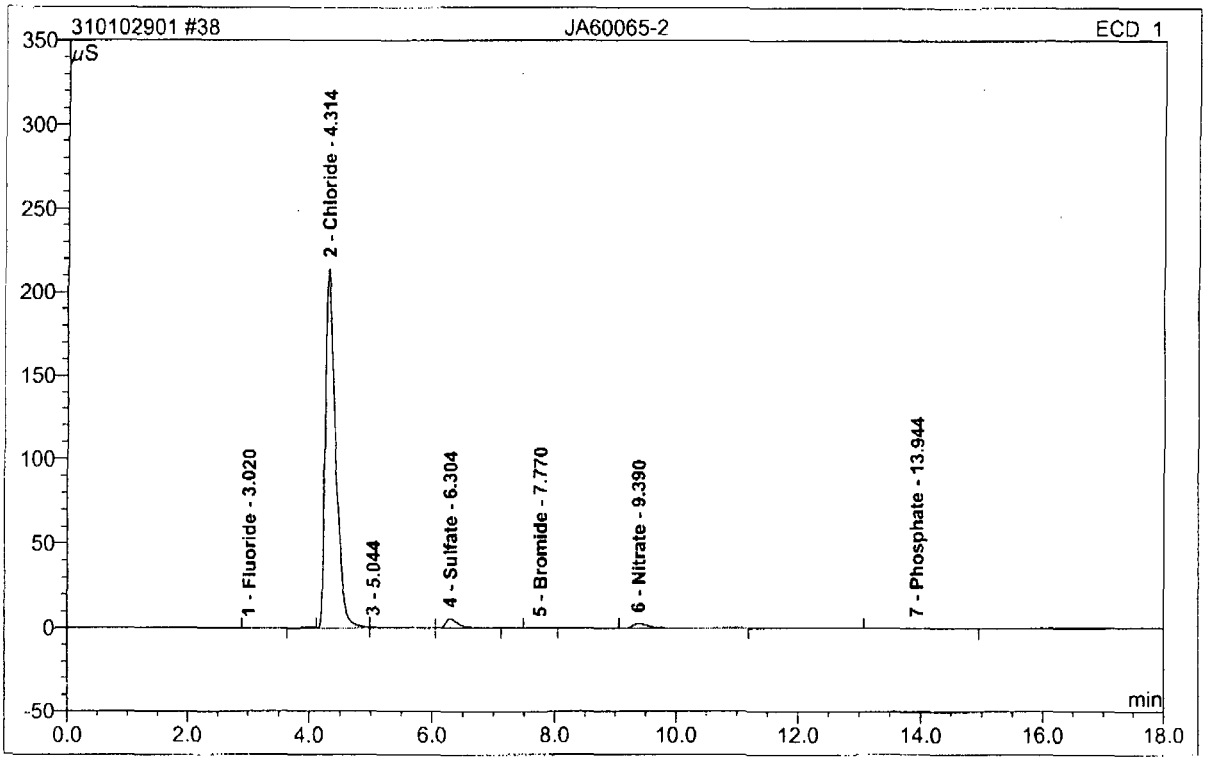
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

38 JA60065-2

Sample Name:	**JA60065-2**	*Injection Volume:*	**20.0**
Vial Number:	**31**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**2.0000**
Recording Time:	**10/29/2010 19:28**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.038	0.009	0.02	0.055	BMB
2	4.31	Chloride	213.914	41.393	94.24	406.416	BM
3	5.04	n.a.	0.530	0.270	0.62	n.a.	M
4	6.30	Sulfate	5.817	1.345	3.06	17.673	MB
5	7.77	Bromide	0.011	0.002	0.01	0.054	BMB
6	9.39	Nitrate	2.778	0.854	1.94	3.409	BMB
7	13.94	Phosphate	0.066	0.050	0.11	0.253	BMB
Total:			223.154	43.924	100.00	427.860	

14.5 14

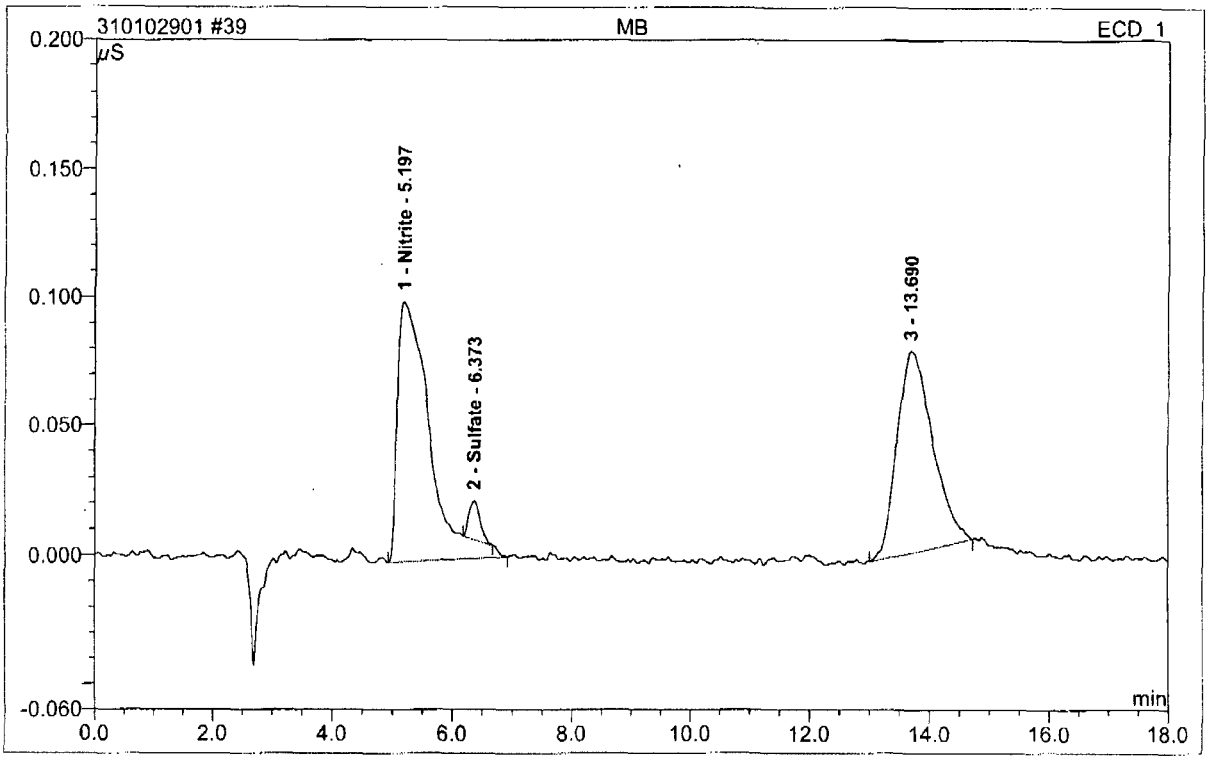
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

39 MB

Sample Name:	**MB**	*Injection Volume:*	**20.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 19:50**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.20	Nitrite	0.101	0.062	52.37	0.132	BMB
2	6.37	Sulfate	0.015	0.003	2.69	0.021	Rd
3	13.69	n.a.	0.078	0.054	44.94	n.a.	BMB
Total:			0.194	0.119	100.00	0.153	

14.5 14

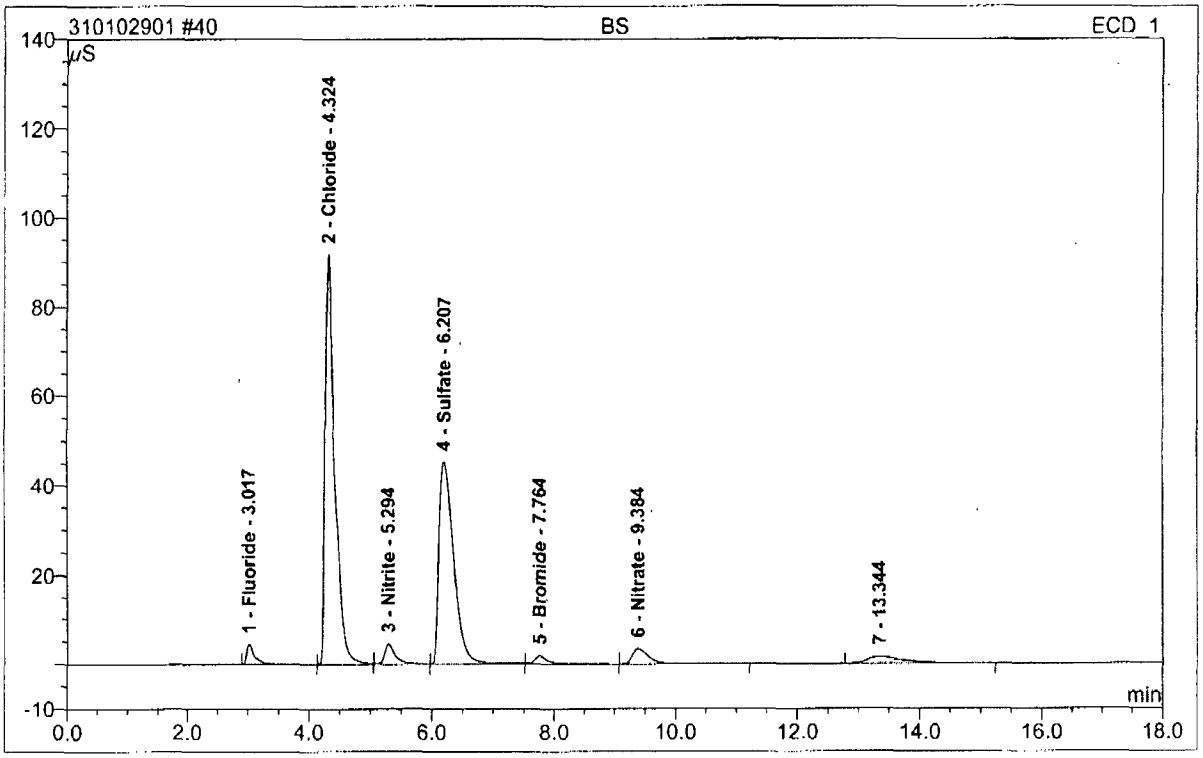
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

40 BS

Sample Name:	**BS**	*Injection Volume:*	**20.0**
Vial Number:	**33**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 20:11**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	4.346	0.698	2.08	2.021	BM
2	4.32	Chloride	91.799	16.737	49.88	82.167	M
3	5.29	Nitrite	4.418	0.942	2.81	1.989	M
4	6.21	Sulfate	45.354	12.679	37.79	83.278	M
5	7.76	Bromide	1.747	0.456	1.36	4.945	M
6	9.38	Nitrate	3.290	1.037	3.09	2.071	MB
7	13.34	n.a.	1.441	1.004	2.99	n.a.	BMB
Total:			152.395	33.554	100.00	176.472	

104.1 %

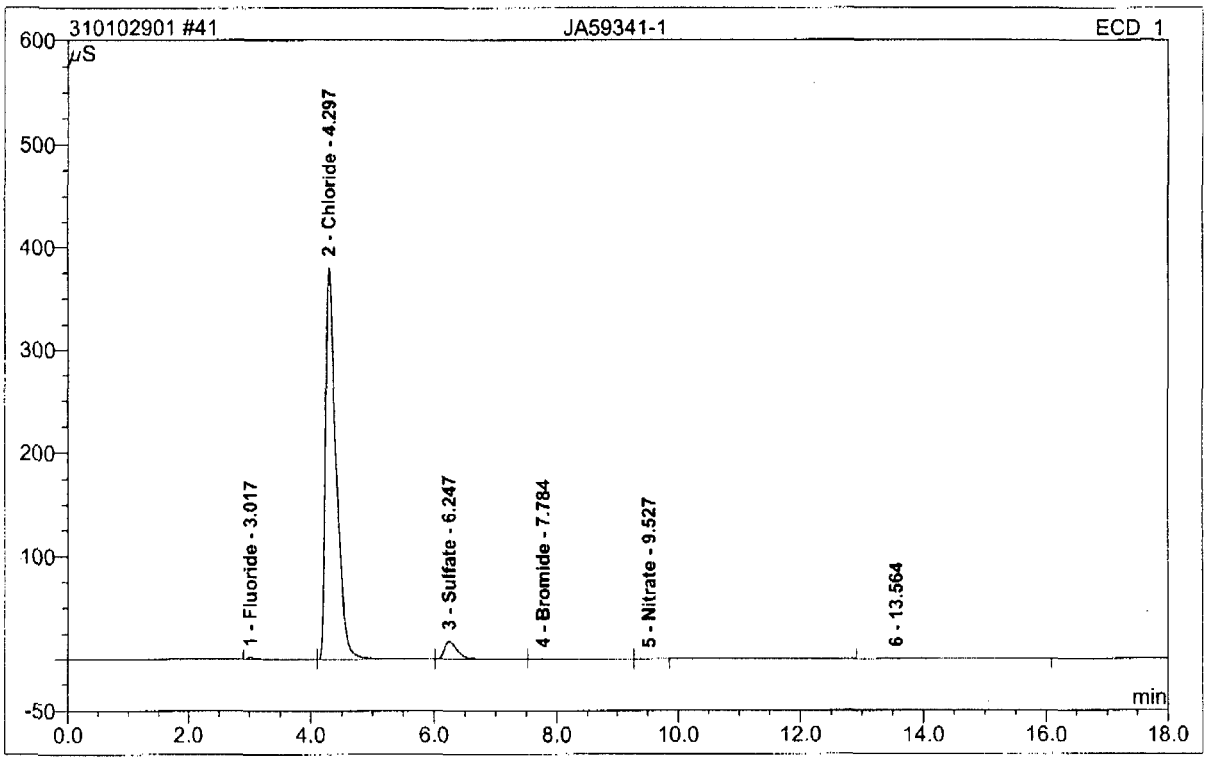
14.5 14

anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

41 JA59341-1

Sample Name:	**JA59341-1**	*Injection Volume:*	**20.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 20:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**

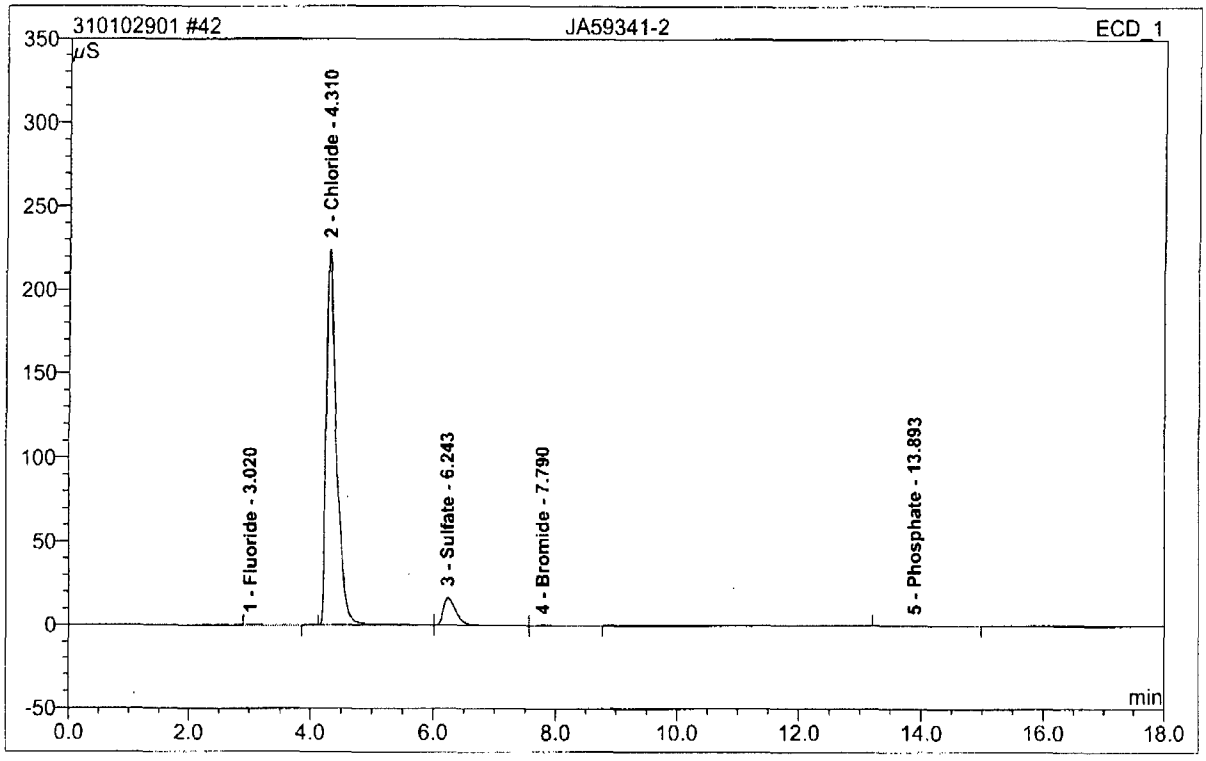


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	2.255	0.379	0.46	1.096	BM
2	4.30	Chloride	380.417	77.106	93.36	378.530	M
3	6.25	Sulfate	17.841	4.412	5.34	28.981	M
4	7.78	Bromide	0.389	0.129	0.16	1.395	M
5	9.53	Nitrate	0.012	0.004	0.00	0.008	MB
6	13.56	n.a.	0.716	0.564	0.68	n.a.	BMB
Total:			401.630	82.593	100.00	410.010	

14.5 14

42 JA59341-2

Sample Name:	**JA59341-2**	*Injection Volume:*	**20.0**
Vial Number:	**35**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 20:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



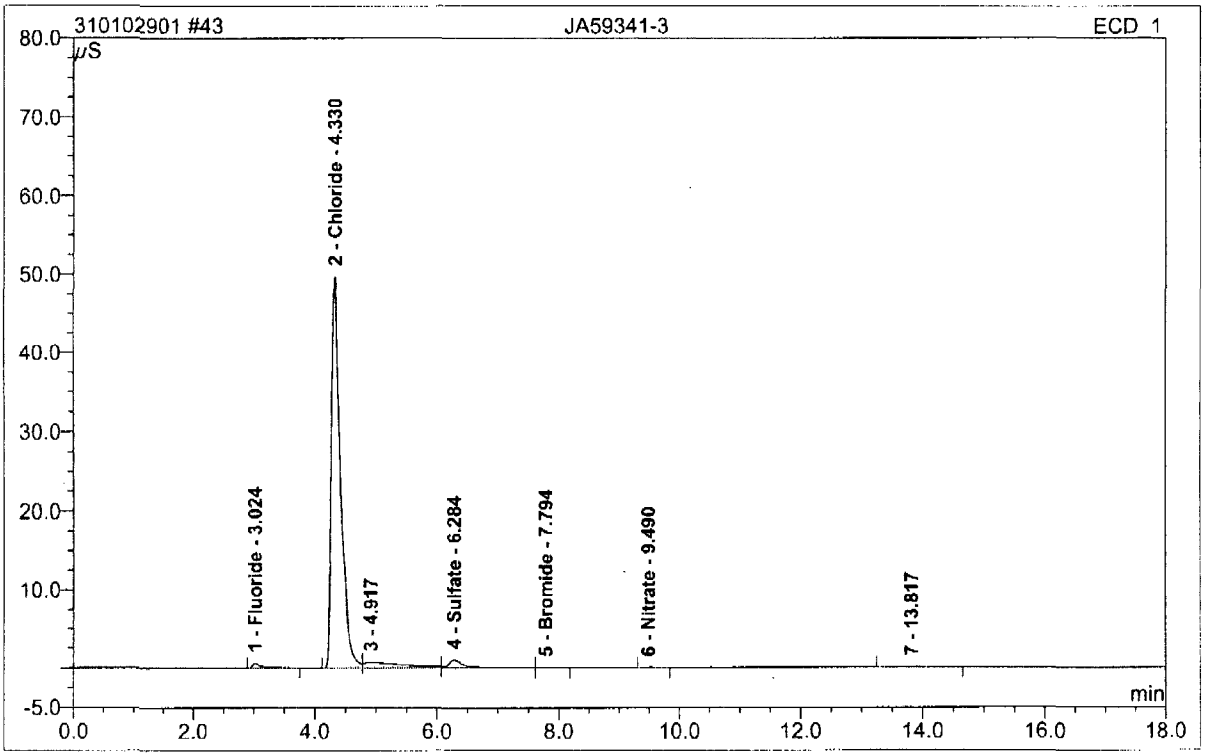
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.649	0.121	0.25	0.351	BMB
2	4.31	Chloride	224.607	43.825	90.94	215.148	BM
3	6.24	Sulfate	16.574	4.075	8.46	26.765	M
4	7.79	Bromide	0.316	0.093	0.19	1.011	MB
5	13.89	Phosphate	0.104	0.078	0.16	0.198	BMB
Total:			242.249	48.193	100.00	243.473	

14.5 14

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

43 JA59341-3

Sample Name:	**JA59341-3**	*Injection Volume:*	**20.0**
Vial Number:	**36**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 21:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.603	0.113	1.19	0.328	BMB
2	4.33	Chloride	49.717	8.606	90.30	42.247	BM
3	4.92	n.a.	0.672	0.490	5.14	n.a.	M
4	6.28	Sulfate	1.010	0.273	2.86	1.791	MB
5	7.79	Bromide	0.023	0.006	0.06	0.062	bMB
6	9.49	Nitrate	0.013	0.004	0.04	0.007	BMB
7	13.82	n.a.	0.057	0.039	0.41	n.a.	BMB
Total:			52.095	9.530	100.00	44.435	

anionssystem3/Integration

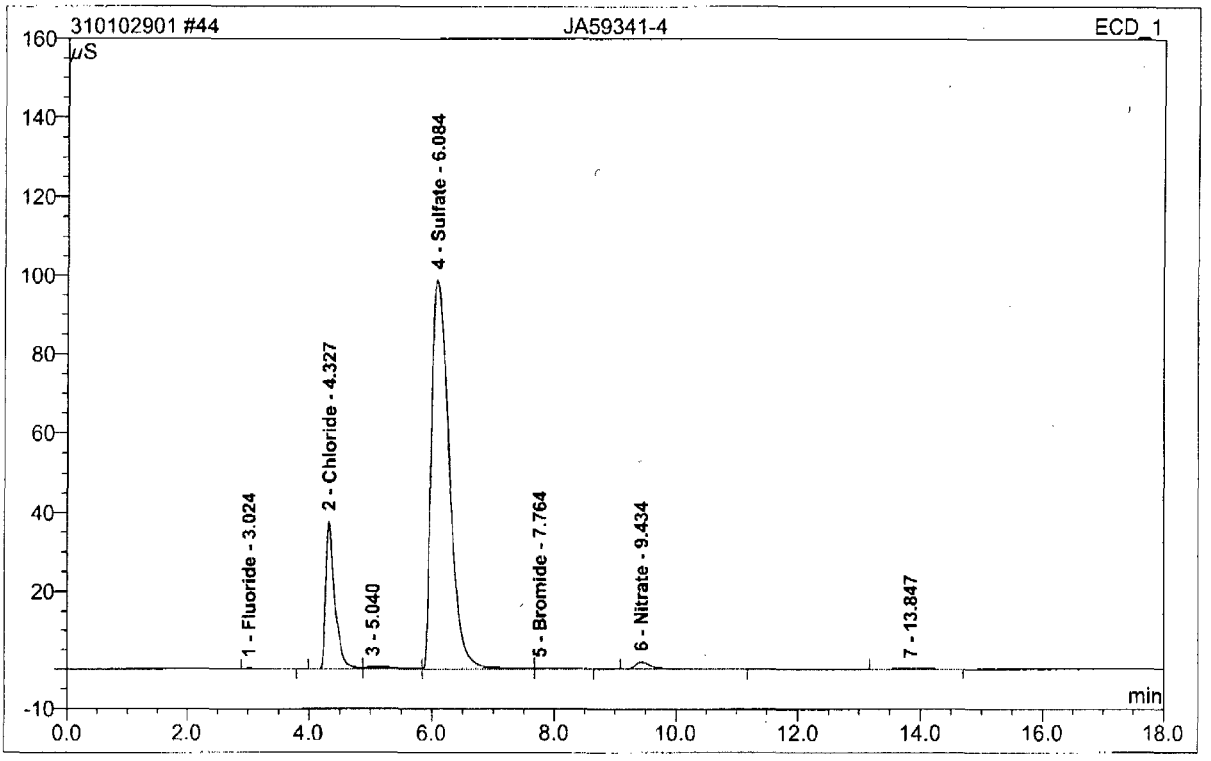
Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

14.5 14

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

44 JA59341-4

Sample Name:	**JA59341-4**	*Injection Volume:*	**20.0**
Vial Number:	**37**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 21:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.269	0.052	0.13	0.151	BMB
2	4.33	Chloride	37.691	6.464	15.69	31.731	BM
3	5.04	n.a.	0.435	0.264	0.64	n.a.	M
4	6.08	Sulfate	98.889	33.818	82.09	222.115	M
5	7.76	Bromide	0.087	0.033	0.08	0.362	MB
6	9.43	Nitrate	1.778	0.531	1.29	1.060	BMB
7	13.85	n.a.	0.044	0.032	0.08	n.a.	BMB
Total:			139.194	41.194	100.00	255.420	

14.5 14

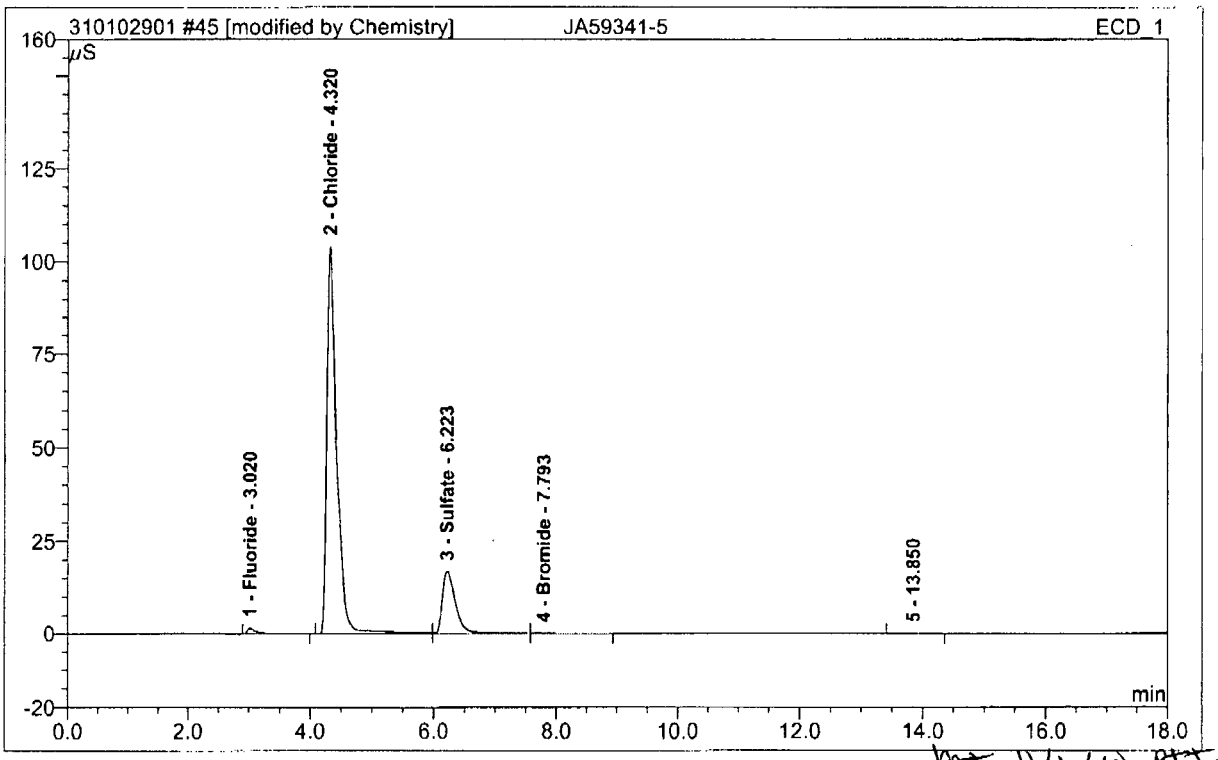
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

45 JA59341-5

Sample Name:	**JA59341-5**	*Injection Volume:*	**20.0**
Vial Number:	**38**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 21:58**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



MJ 11/1/10 PH

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	1.592	0.278	1.16	0.805	BMB
2	4.32	Chloride	103.975	19.360	81.04	95.044	BM *
3	6.22	Sulfate	16.958	4.189	17.53	27.511	M *
4	7.79	Bromide	0.137	0.050	0.21	0.547	MB
5	13.85	n.a.	0.022	0.012	0.05	n.a.	BMB
Total:			122.685	23.890	100.00	123.907	

14.5 14

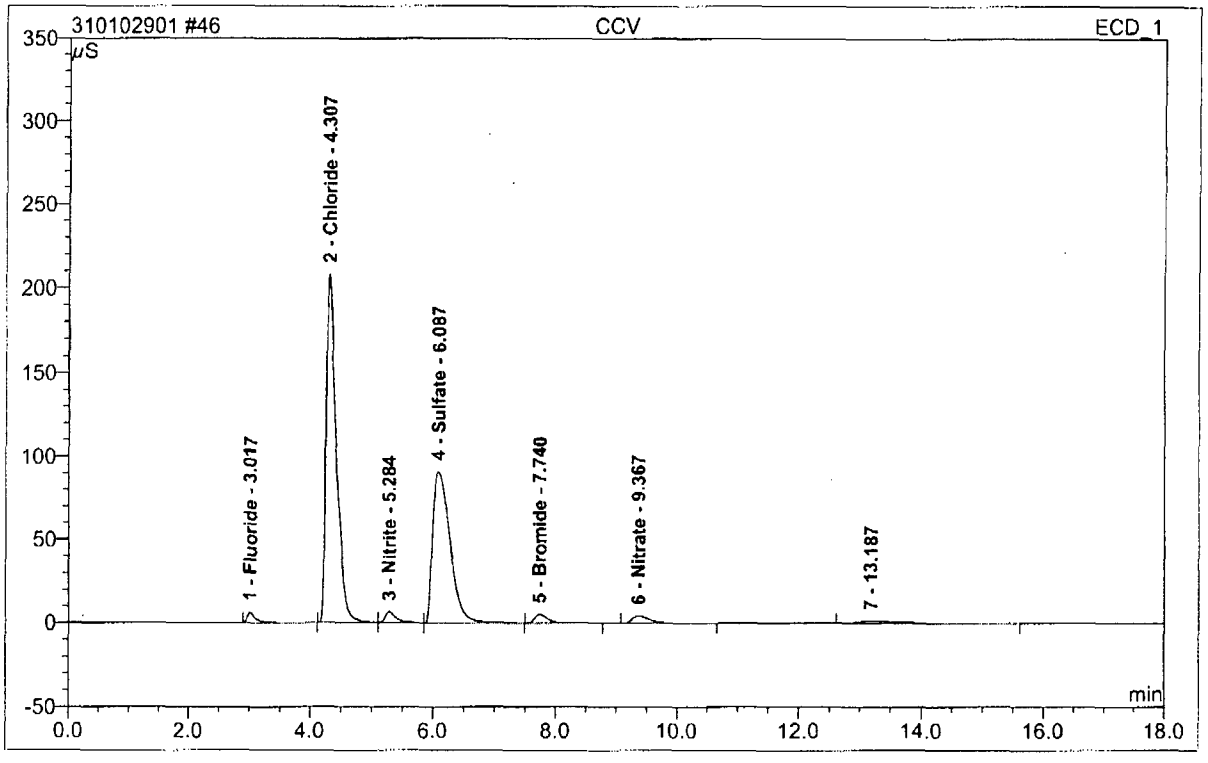
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

46 CCV

Sample Name:	**CCV**	*Injection Volume:*	**20.0**
Vial Number:	**39**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 22:19**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type	%Rec
1	3.02	Fluoride	6.311	1.018	1.33	2.948	BMB	
2	4.31	Chloride	208.122	40.633	52.90	199.477	BM	99.5
3	5.28	Nitrite	6.697	1.339	1.74	2.829	MB	
4	6.09	Sulfate	91.017	30.043	39.11	197.322	BMB	98.5
5	7.74	Bromide	5.162	1.261	1.64	13.668	BMB	
6	9.37	Nitrate	4.456	1.431	1.86	2.856	BMB	
7	13.19	n.a.	1.503	1.085	1.41	n.a.	BMB	
Total:			323.267	76.810	100.00	419.099		

14.5 14

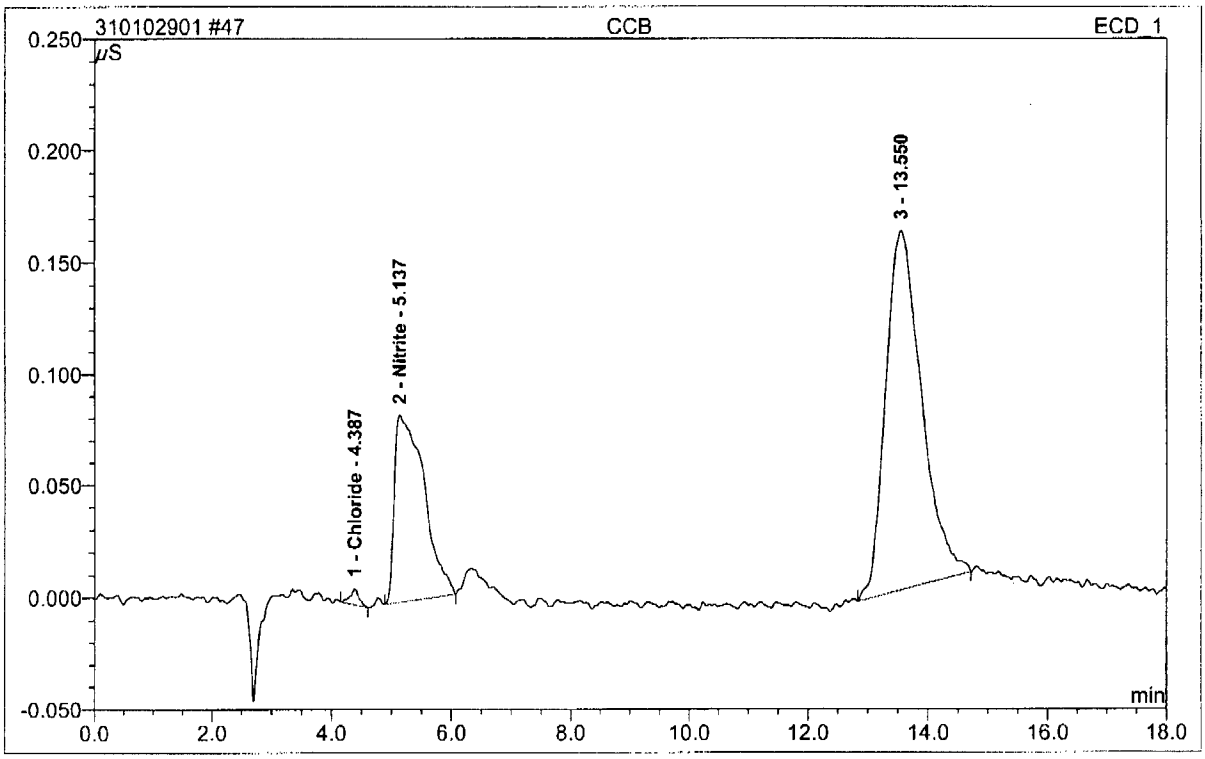
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

47 CCB

Sample Name:	**CCB**	*Injection Volume:*	**20.0**
Vial Number:	**40**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 22:41**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	Chloride	0.007	0.001	0.78	0.006	BMB
2	5.14	Nitrite	0.083	0.047	29.62	0.100	BMB
3	13.55	n.a.	0.161	0.111	69.59	n.a.	BMB
Total:			0.252	0.159	100.00	0.106	

14.5 14

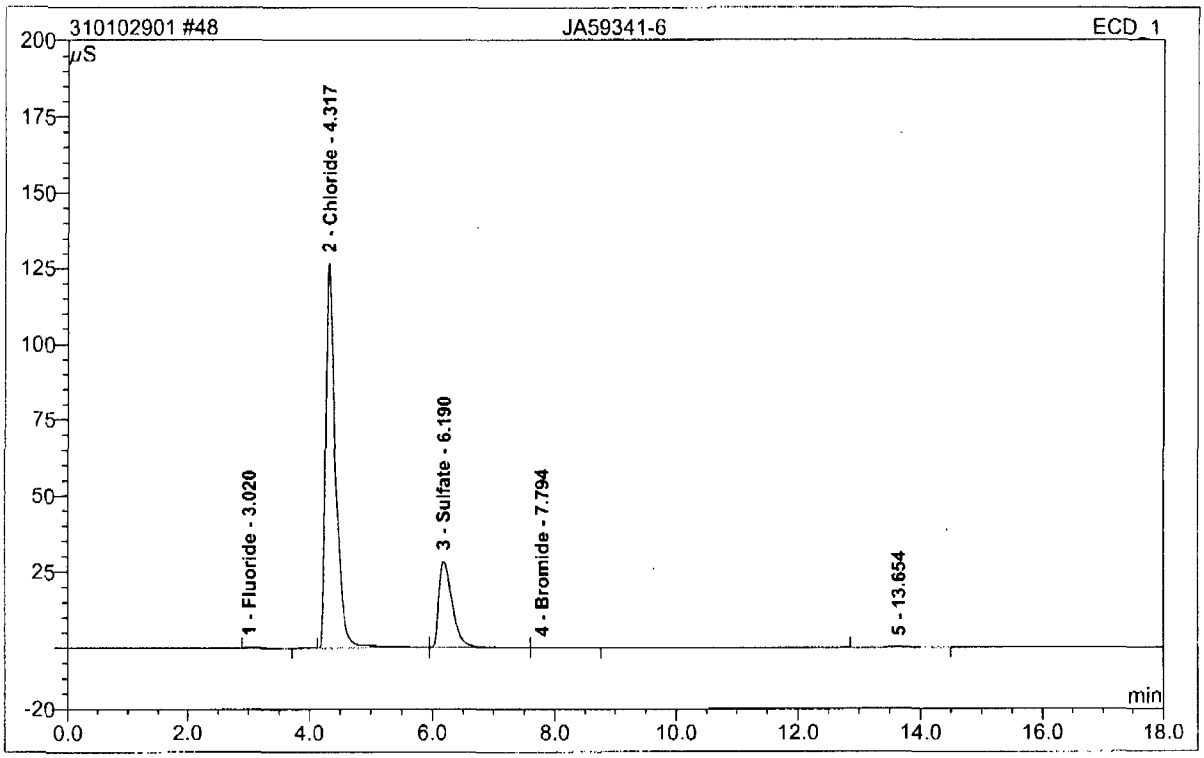
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

48 JA59341-6

Sample Name:	**JA59341-6**	*Injection Volume:*	**20.0**
Vial Number:	**41**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 23:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.345	0.063	0.20	0.182	BMB
2	4.32	Chloride	126.682	23.851	76.13	117.089	BM
3	6.19	Sulfate	28.368	7.322	23.37	48.093	M
4	7.79	Bromide	0.125	0.046	0.15	0.495	MB
5	13.65	n.a.	0.072	0.049	0.16	n.a.	BMB
Total:			155.592	31.330	100.00	165.858	

14.5 14

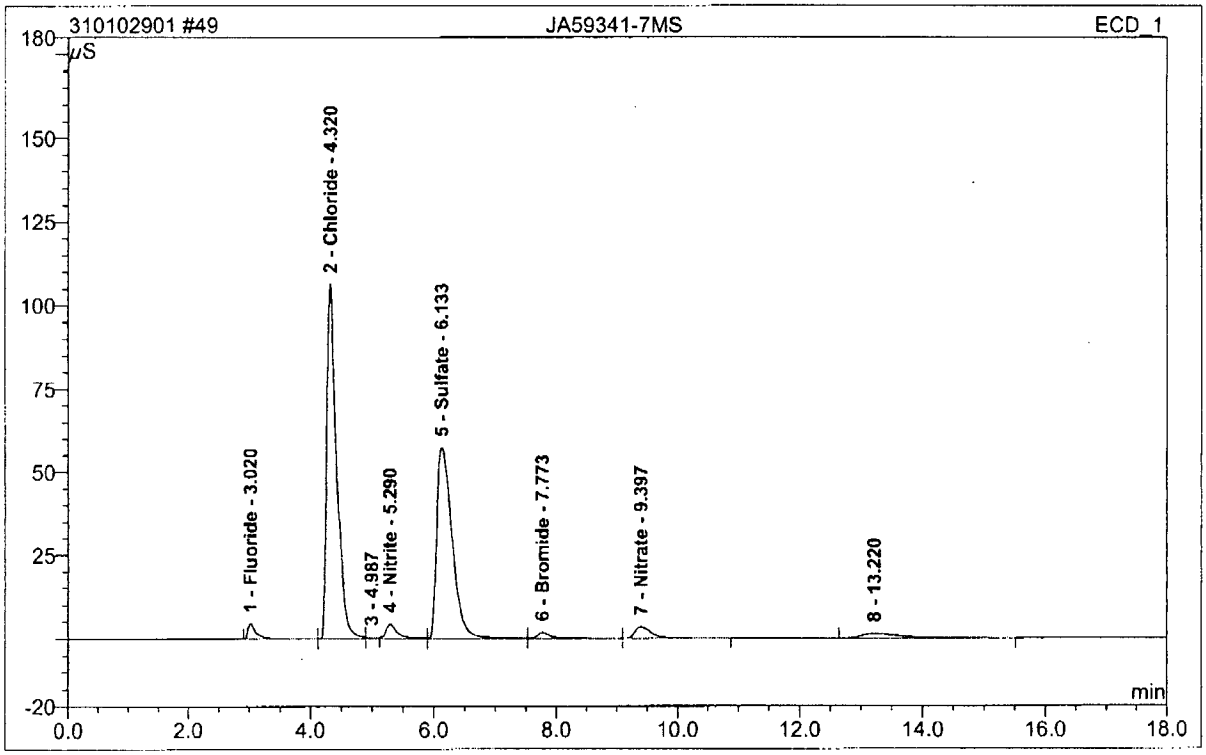
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

49 JA59341-7MS

Sample Name:	**JA59341-7MS**	*Injection Volume:*	**20.0**
Vial Number:	**42**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 23:24**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	4.506	0.741	1.83	2.146	BM
2	4.32	Chloride	106.367	19.533	48.12	95.891	M
3	4.99	n.a.	0.067	0.009	0.02	n.a.	Ru
4	5.29	Nitrite	4.371	1.082	2.67	2.286	M
5	6.13	Sulfate	57.328	16.748	41.26	109.999	M
6	7.77	Bromide	1.742	0.453	1.12	4.913	M
7	9.40	Nitrate	3.396	1.067	2.63	2.131	MB
8	13.22	n.a.	1.315	0.961	2.37	n.a.	BMB
Total:			179.091	40.594	100.00	217.365	

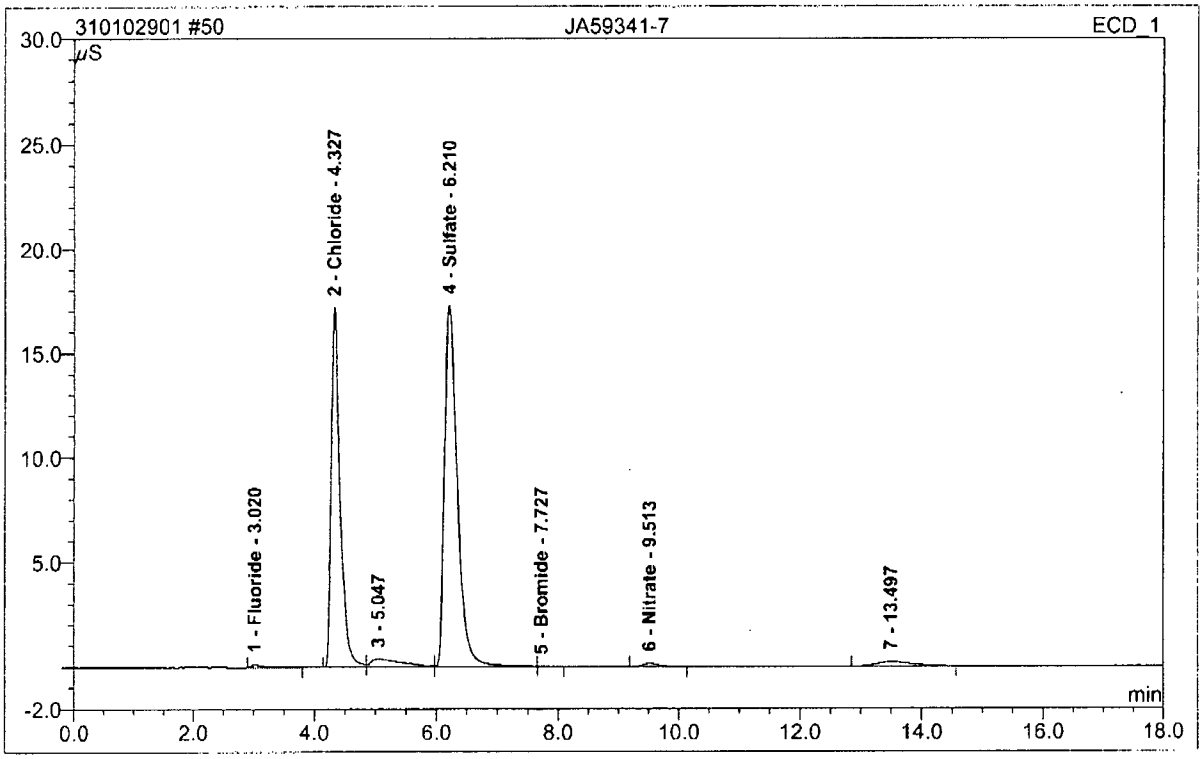
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

50 JA59341-7

Sample Name:	**JA59341-7**	*Injection Volume:*	**20.0**
Vial Number:	**43**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/29/2010 23:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.168	0.034	0.45	0.098	BMB
2	4.33	Chloride	17.195	2.869	37.97	14.087	BM
3	5.05	n.a.	0.386	0.236	3.12	n.a.	M
4	6.21	Sulfate	17.292	4.217	55.81	27.700	M
5	7.73	Bromide	0.022	0.006	0.07	0.061	MB
6	9.51	Nitrate	0.172	0.050	0.67	0.100	BMB
7	13.50	n.a.	0.210	0.144	1.90	n.a.	BMB
Total:			35.445	7.556	100.00	42.047	

14.5 14

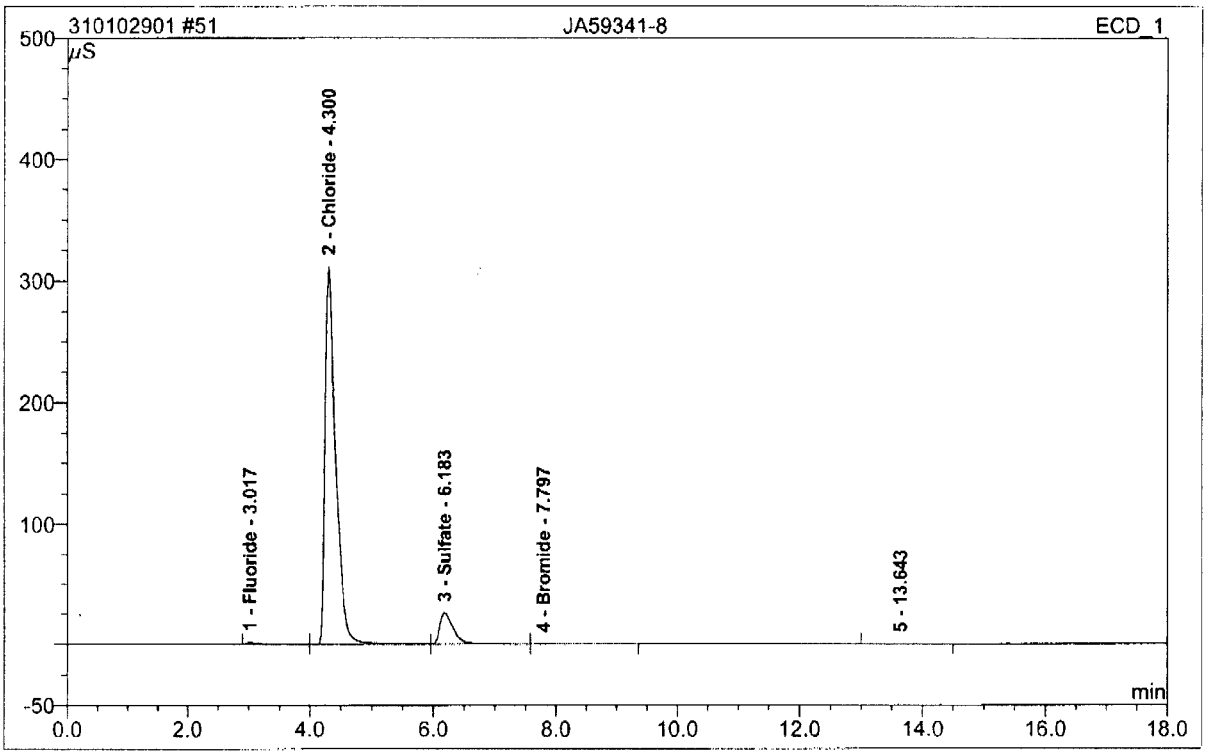
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

51 JA59341-8

Sample Name:	**JA59341-8**	*Injection Volume:*	**20.0**
Vial Number:	**44**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/30/2010 0:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	1.536	0.266	0.38	0.769	BM
2	4.30	Chloride	311.721	62.597	90.02	307.303	M
3	6.18	Sulfate	25.624	6.514	9.37	42.783	M
4	7.80	Bromide	0.306	0.104	0.15	1.125	MB
5	13.64	n.a.	0.083	0.055	0.08	n.a.	BMB
Total:			339.270	69.535	100.00	351.980	

14.5 14

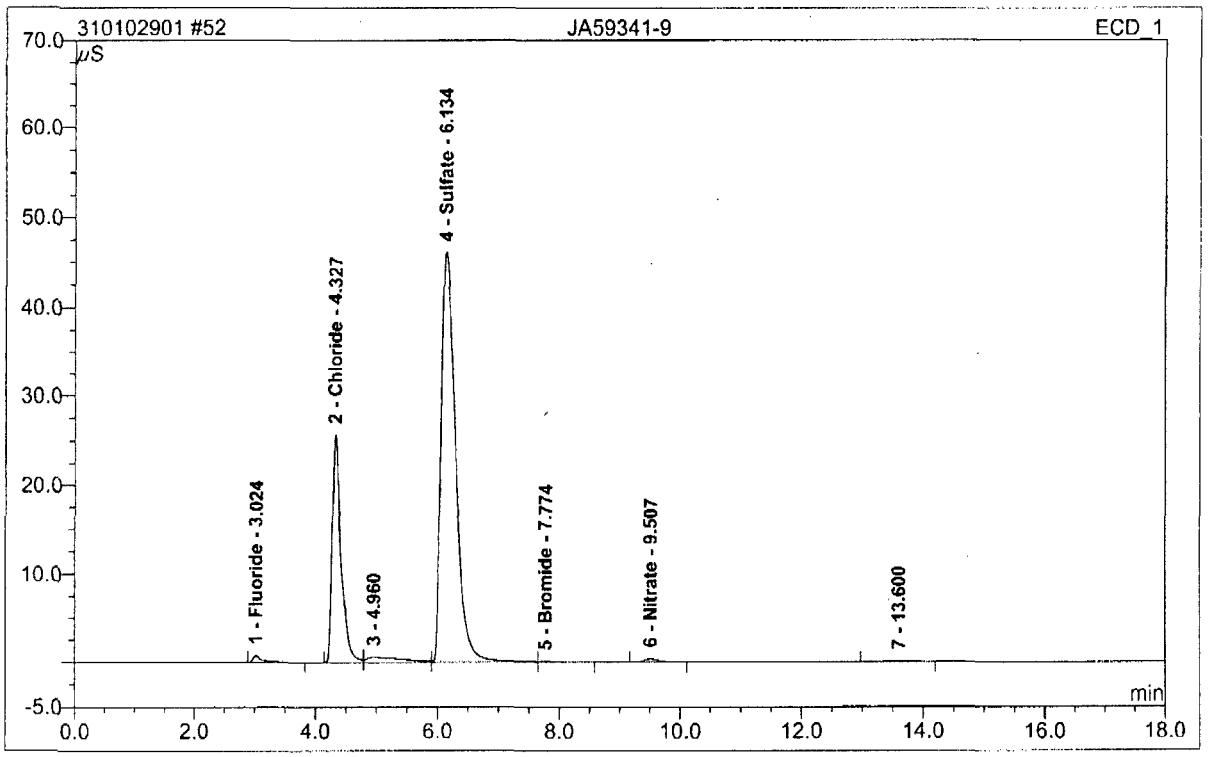
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

52 JA59341-9

Sample Name:	**JA59341-9**	*Injection Volume:*	**20.0**
Vial Number:	**45**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/30/2010 0:28**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.712	0.129	0.73	0.374	BMB
2	4.33	Chloride	25.612	4.307	24.20	21.143	BM
3	4.96	n.a.	0.550	0.377	2.12	n.a.	M
4	6.13	Sulfate	46.018	12.819	72.03	84.197	M
5	7.77	Bromide	0.066	0.026	0.15	0.287	MB
6	9.51	Nitrate	0.363	0.104	0.59	0.208	BMB
7	13.60	n.a.	0.057	0.035	0.20	n.a.	BMB
Total:			73.379	17.798	100.00	106.209	

14.5 14

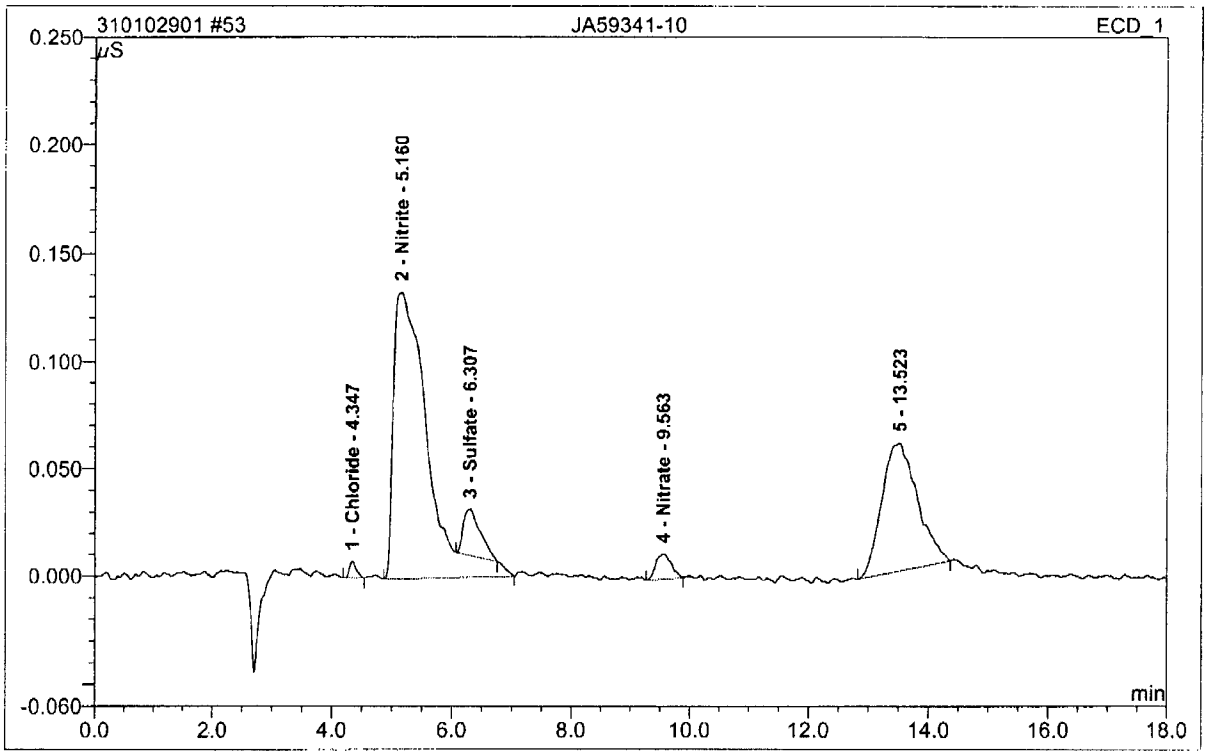
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

53 JA59341-10

Sample Name:	**JA59341-10**	*Injection Volume:*	**20.0**
Vial Number:	**46**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/30/2010 0:49**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	0.008	0.001	0.75	0.005	BMB
2	5.16	Nitrite	0.133	0.088	62.44	0.186	BMB
3	6.31	Sulfate	0.021	0.007	5.13	0.048	Rd
4	9.56	Nitrate	0.012	0.004	2.56	0.007	BMB
5	13.52	n.a.	0.060	0.041	29.11	n.a.	BMB
Total:			0.234	0.141	100.00	0.246	

14.5 14

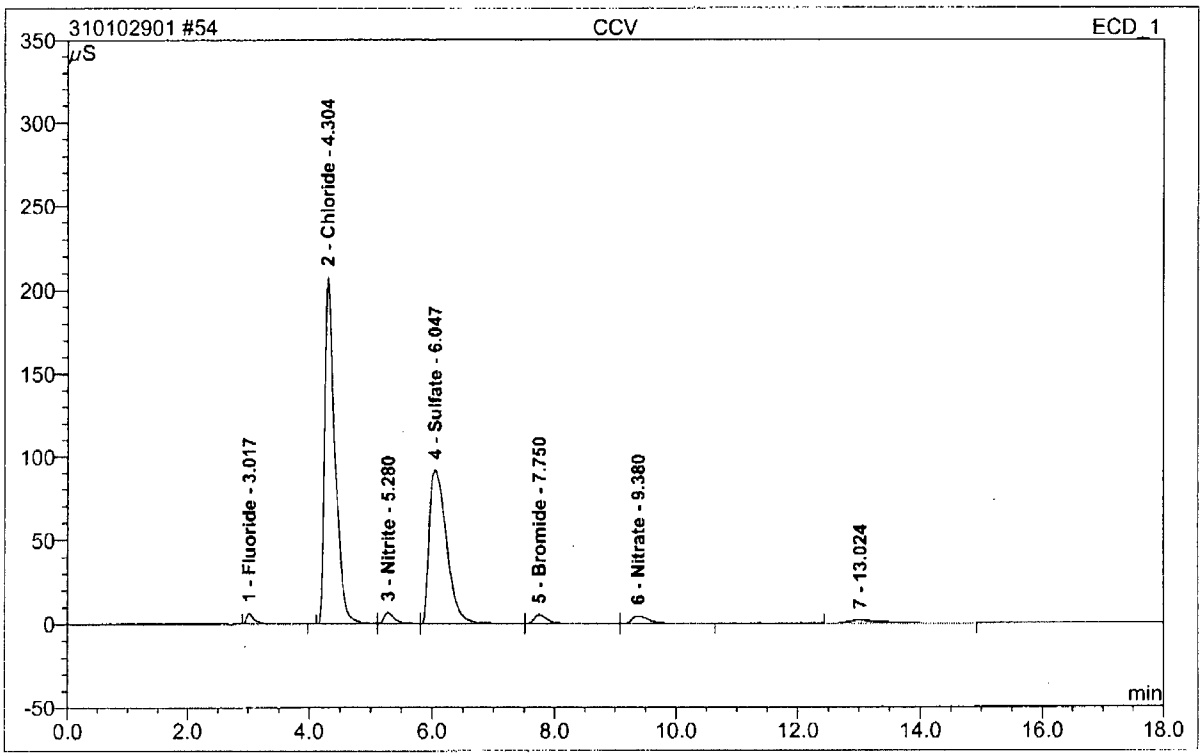
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

54 CCV

Sample Name:	**CCV**	*Injection Volume:*	**20.0**
Vial Number:	**47**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/30/2010 1:11**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type	%Rec
1	3.02	Fluoride	6.336	1.025	1.32	2.968	BMB	
2	4.30	Chloride	207.527	40.658	52.47	199.602	BM	100.0
3	5.28	Nitrite	6.819	1.426	1.84	3.013	M	
4	6.05	Sulfate	91.851	30.456	39.31	200.037	M	100.0
5	7.75	Bromide	5.223	1.347	1.74	14.597	M	
6	9.38	Nitrate	4.418	1.431	1.85	2.857	MB	
7	13.02	n.a.	1.646	1.139	1.47	n.a.	BMB	
Total:			323.820	77.482	100.00	423.073		

14.5 14

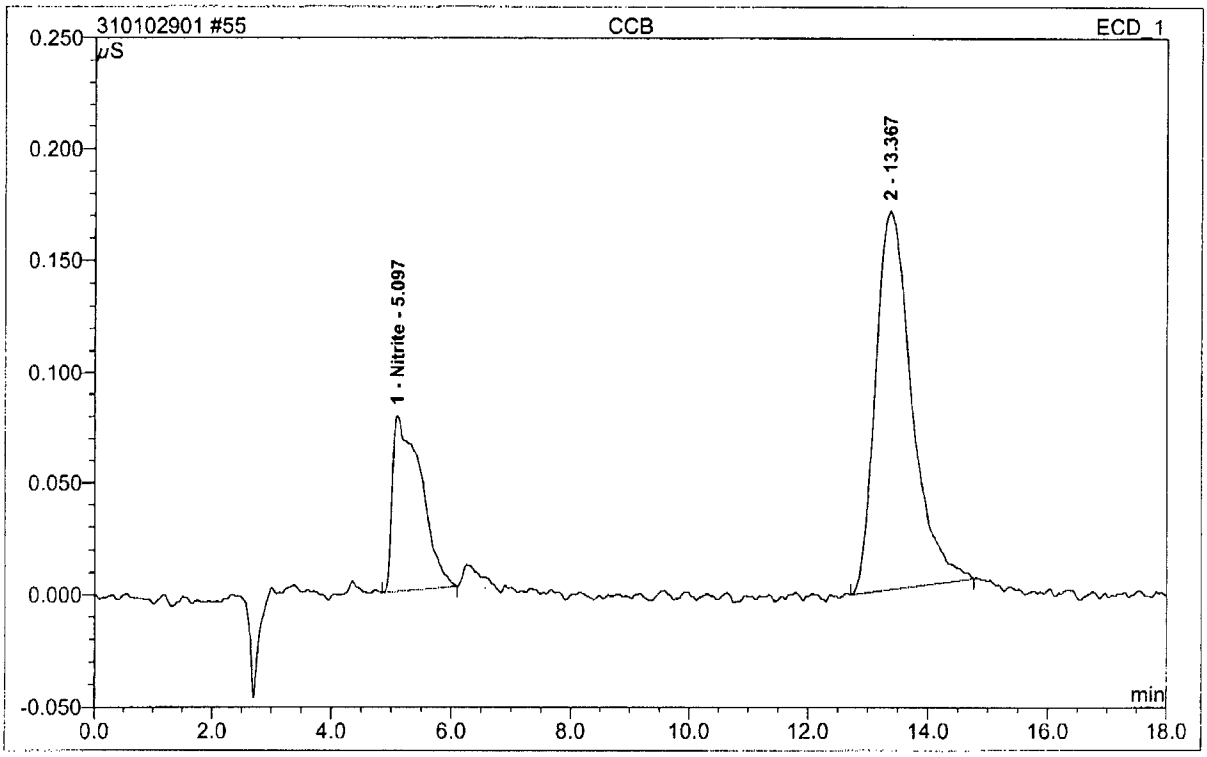
anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#3 Sequence:310102901

55 CCB

Sample Name:	**CCB**	*Injection Volume:*	**20.0**
Vial Number:	**48**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**anions**	*Bandwidth:*	**n.a.**
Quantif. Method:	**System3Anions**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/30/2010 1:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.10	Nitrite	0.079	0.043	26.84	0.092	BMB
2	13.37	n.a.	0.170	0.118	73.16	n.a.	BMB
Total:			0.249	0.162	100.00	0.092	

14.5 14

anionssystem3/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

QC Reports: GN44066

C:\TOC3201\Data\c01030w1.toc.t32

	Type	Sample Nam	Sample ID	Origin	Dilution	Result	Comment	Status	Date / Time
1	Unknown	WASHCONF		C:\TOC3201\	1.000	NPOC:-0.27		Completed	10/30/2010 1
2	Unknown	CRI		C:\TOC3201\	1.000	NPOC:0.850		Completed	10/30/2010 1
3	Unknown	HSTD		C:\TOC3201\	1.000	NPOC:29.18		Completed	10/30/2010 1
4	Unknown	ICV		C:\TOC3201\	1.000	NPOC:18.82		Completed	10/30/2010 1
5	Unknown	ICB		C:\TOC3201\	1.000	NPOC:-0.26		Completed	10/30/2010 1
6	Unknown	CCV		C:\TOC3201\	1.000	NPOC:14.18		Completed	10/30/2010 1
7	Unknown	CCB		C:\TOC3201\	1.000	NPOC:-0.03		Completed	10/30/2010 1
8	Unknown	SPARGERC		C:\TOC3201\	1.000	NPOC:0.064		Completed	10/30/2010 1
9	Unknown	GP56075-MB	GP56112-MB	C:\TOC3201\	1.000	NPOC:-0.26		Completed	10/30/2010 1:
10	Unknown	GP56075-B2	GP56112-B1	C:\TOC3201\	1.000	NPOC:9.694		Completed	10/30/2010 1:
11	Unknown	JA59278-3	A	C:\TOC3201\	5.000	NPOC:47.35		Completed	10/30/2010 1:
12	Unknown	GP56112-MS	JA59906-2	C:\TOC3201\	1.000	NPOC:14.57		Completed	10/30/2010 2:
13	Unknown	GP56112-S1	JA59906-2	C:\TOC3201\	1.000	NPOC:14.65		Completed	10/30/2010 2:
14	Unknown	JA59906-2	A	C:\TOC3201\	1.000	NPOC:4.232		Completed	10/30/2010 2:
15	Unknown	JA60065-1		C:\TOC3201\	1.000	NPOC:0.578		Completed	10/30/2010 2:
16	Unknown	JA60065-2		C:\TOC3201\	1.000	NPOC:0.368		Completed	10/30/2010 3:
17	Unknown	JA60065-3		C:\TOC3201\	1.000	NPOC:0.299		Completed	10/30/2010 3:
18	Unknown	CCV		C:\TOC3201\	1.000	NPOC:14.44		Completed	10/30/2010 3:
19	Unknown	CCB		C:\TOC3201\	1.000	NPOC:-0.27		Completed	10/30/2010 3:
20	Unknown	JA58900-5	A	C:\TOC3201\	1.000	NPOC:0.394		Completed	10/30/2010 4:
21	Unknown	JA58900-6		C:\TOC3201\	1.000	NPOC:0.098		Completed	10/30/2010 4:
22	Unknown	JA60201-1		C:\TOC3201\	1.000	NPOC:0.282		Completed	10/30/2010 4:
23	Unknown	JA60201-2		C:\TOC3201\	1.000	NPOC:3.453		Completed	10/30/2010 5:
24	Unknown	JA60201-3		C:\TOC3201\	1.000	NPOC:0.471		Completed	10/30/2010 5:
25	Unknown	JA60201-4		C:\TOC3201\	1.000	NPOC:0.491		Completed	10/30/2010 5:
26	Unknown	GP56112-MS	JA59413-4	C:\TOC3201\	1.000	NPOC:20.19		Completed	10/30/2010 5:
27	Unknown	GP56112-S2	JA59413-4	C:\TOC3201\	1.000	NPOC:20.26		Completed	10/30/2010 6:
28	Unknown	JA59413-4	A	C:\TOC3201\	1.000	NPOC:10.42		Completed	10/30/2010 6:
29	Unknown	JA59413-2		C:\TOC3201\	1.000	NPOC:0.404		Completed	10/30/2010 6:
30	Unknown	CCV		C:\TOC3201\	1.000	NPOC:14.78		Completed	10/30/2010 6:
31	Unknown	CCB		C:\TOC3201\	1.000	NPOC:-0.20		Completed	10/30/2010 7:
32	Unknown	JA59413-3	A	C:\TOC3201\	10.00	NPOC:67.92		Completed	10/30/2010 7:
33	Unknown	JA59413-8		C:\TOC3201\	1.000	NPOC:18.55		Completed	10/30/2010 7:
34	Unknown	JA59413-9		C:\TOC3201\	1.000	NPOC:27.69		Completed	10/30/2010 8:
35	Unknown	JA59413-10		C:\TOC3201\	1.000	NPOC:2.829		Completed	10/30/2010 8:
36	Unknown	JA59377-1	5	C:\TOC3201\	1.000	NPOC:45.82		Completed	10/30/2010 8: overrange rerun 1:5
37	Unknown	JA59305-2	A	C:\TOC3201\	1.000	NPOC:9.724		Completed	10/30/2010 9:
38	Unknown	CCV		C:\TOC3201\	1.000	NPOC:14.65		Completed	10/30/2010 9:
39	Unknown	CCB		C:\TOC3201\	1.000	NPOC:-0.23		Completed	10/30/2010 9:
40	Unknown	GP56113-MB		C:\TOC3201\	1.000	NPOC:-0.23		Completed	10/30/2010 1
41	Unknown	GP56113-B1		C:\TOC3201\	1.000	NPOC:9.513		Completed	10/30/2010 1
42	Unknown	GP56113-MS	JA59406-21	C:\TOC3201\	1.000	NPOC:11.94		Completed	10/30/2010 1
43	Unknown	GP56113-S1	JA59406-21	C:\TOC3201\	1.000	NPOC:11.66		Completed	10/30/2010 1
44	Unknown	JA59406-21	A	C:\TOC3201\	1.000	NPOC:1.151		Completed	10/30/2010 1
45	Unknown	JA59406-6		C:\TOC3201\	5.000	NPOC:37.32		Completed	10/30/2010 1
46	Unknown	JA59406-10		C:\TOC3201\	1.000	NPOC:4.666		Completed	10/30/2010 1
47	Unknown	JA59406-14		C:\TOC3201\	1.000	NPOC:7.479		Completed	10/30/2010 1
48	Unknown	JA59406-23		C:\TOC3201\	1.000	NPOC:0.835		Completed	10/31/2010 1
49	Unknown	JA59406-27		C:\TOC3201\	1.000	NPOC:9.548		Completed	10/31/2010 1
50	Unknown	CCV		C:\TOC3201\	1.000	NPOC:14.74		Completed	10/31/2010 1
51	Unknown	CCB		C:\TOC3201\	1.000	NPOC:-0.22		Completed	10/31/2010 1:
52	Unknown	JA59406-28	A	C:\TOC3201\	1.000	NPOC:6.424		Completed	10/31/2010 1:
53	Unknown	JA59406-31		C:\TOC3201\	20.00	NPOC:67.66		Completed	10/31/2010 1:
54	Unknown	JA59406-32		C:\TOC3201\	1.000	NPOC:2.509		Completed	10/31/2010 1:
55	Unknown	JA59406-38		C:\TOC3201\	1.000	NPOC:1.763		Completed	10/31/2010 2:
56	Unknown	JA59406-39		C:\TOC3201\	20.00	NPOC:61.27		Completed	10/31/2010 2:
57	Unknown	GP56113-MS	JA59425-4	C:\TOC3201\	1.000	NPOC:14.79		Completed	10/31/2010 2:
58	Unknown	GP56113-S2	JA59425-4	C:\TOC3201\	1.000	NPOC:15.07		Completed	10/31/2010 2:
59	Unknown	JA59425-4	A	C:\TOC3201\	1.000	NPOC:4.901		Completed	10/31/2010 3:
60	Unknown	JA59425-7		C:\TOC3201\	1.000	NPOC:0.310		Completed	10/31/2010 3:
61	Unknown	CCV		C:\TOC3201\	1.000	NPOC:14.69		Completed	10/31/2010 3:
62	Unknown	CCB		C:\TOC3201\	1.000	NPOC:0.018		Completed	10/31/2010 4:
63	Unknown	JA59425-5	A	C:\TOC3201\	1.000	NPOC:10.48		Completed	10/31/2010 4:
64	Unknown	JA59425-3	5	C:\TOC3201\	25.00	NPOC:56.63		Completed	10/31/2010 4: over diluted rerun 1:5
65	Unknown	JA59425-6		C:\TOC3201\	1.000	NPOC:36.40		Completed	10/31/2010 4: overrange rerun 1:5
66	Unknown	JA59425-1		C:\TOC3201\	25.00	NPOC:89.16		Completed	10/31/2010 5: Bad injection rerun
67	Unknown	JA59425-2		C:\TOC3201\	50.00	NPOC:505.2		Completed	10/31/2010 5:

14.6

14

11/1/2010 9:01:31 AM C01030W1.TOC GN44066 11/1/10 1/2

ACCUTEST LABORATORIES JA58900

C:\TOC3201\Data\c01030w1.toc.t32

	Type	Sample Nam	Sample ID	Origin	Dilution	Result	Comment	Status	Date / Time
68	Unknown	CCV		C:\TOC3201\	1.000	NPOC:15.12		Completed	10/31/2010 5:
69	Unknown	CCB		C:\TOC3201\	1.000	NPOC:0.157		Completed	10/31/2010 6:

C01030W1.TOC

GN44066
11/1/10

14.6 14

GN44066

ACCUTEST

GN Batch ID: 44066
Date: 10/30/10

C010301.TOC

Test: Total Organic Carbon

Product: TOC

Method: SM20 5310B 9060M

Note: Refer to raw data and LIMS for information not shown below.

Autosampler Position #	Sample ID	pH	Dilution Factor	Bottle #	Comments
1	WASHCONF	<2			
2	CRI				
3	HSTD				
4	ICV				
5	ICB				
6	CCV				
7	CCB				
8	SPARGERCHK				
9	GP560795-MB2 10/30/10				GP56112-MB1
10	GP560795-B2				GP56112-B1
11	JA59278-3		1:5	9	
12	GP56112-MSD1			4	JA59906-2
13	GP56112-S1			4	clear w/ slight chem odor
14	JA59906-2			4	
15	JA60065-1			14	
16	JA60065-2			14	
17	JA60065-3			14	
18	CCV				
19	CCB				
20	JA58900-5			8	
21	JA58900-6			8	
22	JA60201-1			14	
23	JA60201-2			14	
24	JA60201-3			14	
25	JA60201-4			14	
26	GP56112-MSD2 10/30/10			25	JA59413-4
27	GP56112-S2			25	clear no odor

Analyst: [illegible] Date: 10/30/10 QCReviewer: _____ Date: _____

Comments: SB: 500ul of 1000ppm KHP → 50ml DI H2O TV= 10mg/L

MS: 50ul of 1000ppm KHP → 5ml sample TV= 10mg/L

ICV: 1ml of 100ppm Sucrose → 5ml DI H2O TV= 20mg/L

Form: GN-054
Rev. Date: 8/6/08

14.6 14

GN44066

ACCUTEST.

GN Batch ID: 44066
Date: 10/30/10

Test: Total Organic Carbon (2)

Product: TOC

Method: SM20 5310B 9060M

Note: Refer to raw data and LIMS for information not shown below.

Autosampler Position #	Sample ID	pH	Diluton Factor	Bottle #	Comments
28	JA59413-4	<2		25	
29	JA59413-2			9	
30	CCV				
31	CCB				
32	JA59413-3		1:10	8	yellow w/ char odor
33	JA59413-8			8	
34	JA59413-9			8	
35	JA59413-10			9	
36	JA59377-1			9	
37	JA59305-2			3	
38	CCV				
39	CCB				
40	GPS6113-MB1				
41	GPS6113-B1				
42	GPS6113-MSD1			10	JA59406-21
43	GPS6113-S1			10	clear no odor
44	JA59406-21		1	10	
45	JA59406-6		1:5	4	Cloudy w/ char odor
46	JA59406-10			4	
47	JA59406-14			4	
48	JA59406-23			4	
49	JA59406-27			4	
50	CCV				
51	CCB				
52	JA59406-28			4	
53	JA59406-31		1:20	4	Cloudy light yellow w/ char odor
54	JA59406-32			4	

Analyst: [signature] Date: 10/30/10 QCReviewer: _____ Date: _____

Comments:

Form: GN-054
Rev. Date: 8/6/08

14.6 14

GN44066

ACCUTEST.

(3)

GN Batch ID: 44066
Date: 10/30/10

Test: Total Organic Carbon

Product: TOC

Method: SM20 5310B 9060M

Note: Refer to raw data and LIMS for information not shown below.

Autosampler Position #	Sample ID	pH	Diluton Factor	Bottle #	Comments
55	JA59406-38	<2		4	
56	JA59406-39		1:20	4	Cloudy yellow w/ chem odor
57	GP56113-MSD2			7	JA59425-4
58	GP56113-S2			7	↓
59	JA59425-4			7	
60	JA59425-7			7	
61	CCV				
62	CCB				
63	JA59425-5			7	
64	JA59425-3		1:25	7	Cloudy white w/ chem odor
65	JA59425-6			7	
66	JA59425-1		1:25	7	Cloudy white w/ chem odor
67	JA59425-2		1:50	7	Cloudy white w/ chem odor
68	CCV				
69	CCB	↓			

Analyst: [illegible] Date: 10/30/10 QCReviewer: _____ Date: _____

Comments:

Form: GN-054
Rev. Date: 8/6/08

14.6 14

ACCUTEST

Bal B-39

Glass pipets- Class A

GENERAL CHEMISTRY STANDARD PREPARATION LOG

Product: TOC

GN or GP Number: GN44066

Intermediate Standard Description	Stock used to prepare standard	Stock concentration	Stock volume used in ml	Diluent	Final Volume	Final Conc. of Intermediate (mg/l)	Expiration Date	Analyst	Date
GNE9-26126-TOC	Fisher 984345A	KHP	2.125g	DI H2O	1000ml	1000 ppm	12/18/10	SS	10/30/10
GNE10-26399-TOC	GNE9-26126-TOC	1000ppm	20ml		200ml	100ppm	11/13/10		
GNE10-26406-TOC	Fisher 092849	Sucrose	0.0474g				1/16/11		

Standard Description	Intermediate or Stock used to prepare standard	Intermediate or Stock concentration	Intermediate or Stock volume used in ml	Diluent	Final Volume	Final Conc. of Standard (mg/l)	Expiration Date	Analyst	Date
KHP Stds.									
GNE10-26400-TOC	GNE10-26399-TOC	100ppm	1.0	DI H2O	100ml	1.0	11/13/10	SS	10/30/10
GNE10-26401-TOC			2.0			2.0			
GNE10-26402-TOC			5.0			5.0			
GNE10-26403-TOC			10.0			10.0			
GNE10-26404-TOC			20.0			20.0			
GNE10-26405-TOC			30.0			30.0			
KHP Std									
GNE10-26407-TOC	NaCalai Tesque lot M9K9171	KHP	0.0425g	@gm 11/1/10 DI H2O	200ml	100ppm	11/13/10	SS	
GNE10-26408-TOC	GNE10-26407-TOC	100ppm	15ml		100ml	15ppm			

Form: GN121
Rev. Date:2/26/03

GN44066

ACCUTEST

GN44066

Reagent Information Log - TOC/DOC - Water

Reagent	Reagent # or Manufacturer/Lot	XP
Potassium Hydrogen Phthlate (KHP), Stock Solution 1000 mg/L	GNE9-26126-TOC	12/18/10
Carbonate/Bicarbonate Stock Solution	GNE10-26409-TOC	1/16/11
Sparger Check Solution	GNE10-26410-TOC	11/16/10
CCV Solution	GNE10-26408-TOC	11/13/10
Sucrose ~~ICV~~ Solution	GNE10-26406-TOC	1/16/11
Spiking Solution	GNE9-26126-TOC	12/18/10
~~CRI Check~~ HCL (reagent grade)	J35042 Baker	10/14/15

All standards and stocks were made as described in the SOP for this method (circle one): Y or N
If no (N), see attached page for standards prep.

Form: GN-087 1-67
Rev. Date:3/18/2005

14.6 14

10/18/2010 8:37:36 AM c01016w1.toc.t32

Instr.Information

System	TOC-V with ASI
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Sample

Sample Name:	WASHCONF
Sample ID:	
Origin:	TOCAQ.met
Status	Completed
Chk. Result	

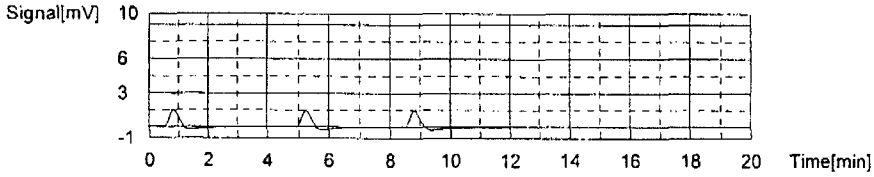
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.000mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.109	0.000mg/L	100uL	1	E	c01016w1.cal	10/16/2010 11:39:54 AM
2	1.631	0.000mg/L	100uL	1		c01016w1.cal	10/16/2010 11:43:40 AM
3	1.680	0.000mg/L	100uL	1		c01016w1.cal	10/16/2010 11:47:38 AM

Mean Area	1.656
Mean Conc.	0.000mg/L
CV Area	2.09%



Cal. Curve

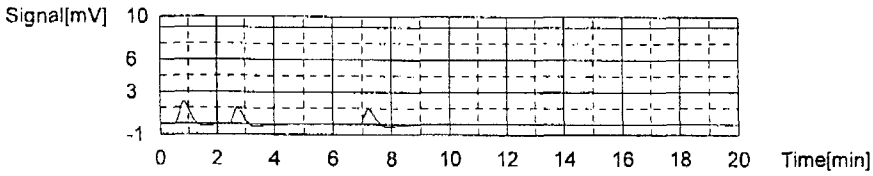
Sample Name:	Untitled
Sample ID:	Untitled
Cal. Curve:	c01016w1.2010_10_16_12_14_38.cal
Status	Completed

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	5.133	100uL	1	*******	E	10/16/2010 12:26:25 PM
2	2.408	100uL	1	*******		10/16/2010 12:36:02 PM
3	2.134	100uL	1	*******		10/16/2010 12:42:49 PM

Acid Add.	0.000%
Sp. Time	360.0sec
Mean Area	2.271
CV Area	8.53%

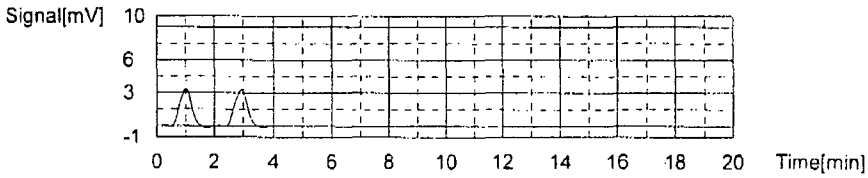


Conc: 1.000mg/L

14.6 14

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.05	100uL	1	*******		10/16/2010 12:54:46 PM
2	10.28	100uL	1	*******		10/16/2010 1:01:49 PM

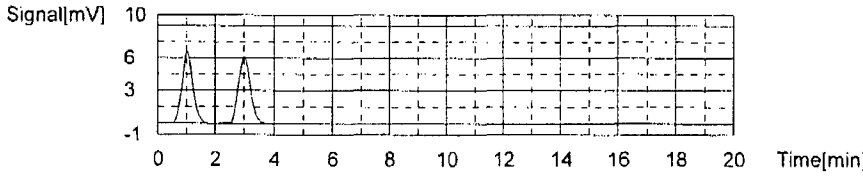
Acid Add. 0.000%
Sp. Time 360.0sec
Mean Area 10.17
CV Area 1.60%



Conc: 2.000mg/L.

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	17.48	100uL	1	*******		10/16/2010 1:15:40 PM
2	17.84	100uL	1	*******		10/16/2010 1:22:43 PM

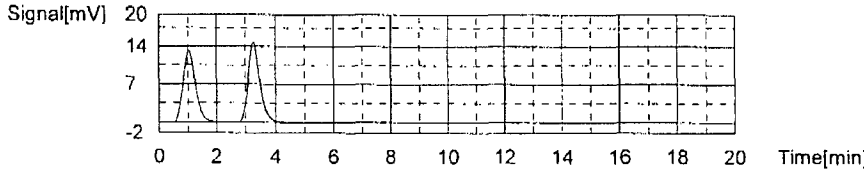
Acid Add. 0.000%
Sp. Time 360.0sec
Mean Area 17.66
CV Area 1.44%



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	39.64	100uL	1	*******		10/16/2010 1:35:24 PM
2	40.68	100uL	1	*******		10/16/2010 1:42:27 PM

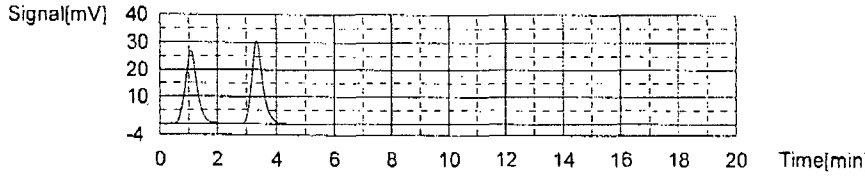
Acid Add. 0.000%
Sp. Time 360.0sec
Mean Area 40.16
CV Area 1.83%



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	77.25	100uL	1	*******		10/16/2010 1:55:10 PM
2	79.34	100uL	1	*******		10/16/2010 2:02:07 PM

Acid Add. 0.000%
Sp. Time 360.0sec
Mean Area 78.30
CV Area 1.89%



Conc: 20.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	157.4	100uL	1	*******		10/16/2010 2:15:02 PM
2	158.3	100uL	1	*******		10/16/2010 2:22:09 PM

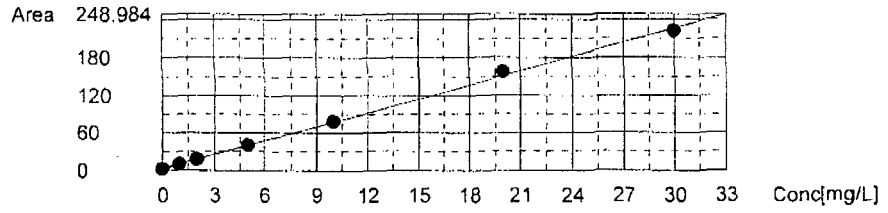
Acid Add. 0.000%
Sp. Time 360.0sec
Mean Area 157.9
CV Area 0.40%

Conc: 30.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	221.2	100uL	1	*******		10/16/2010 2:35:09 PM
2	223.5	100uL	1	*******		10/16/2010 2:42:10 PM

Acid Add. 0.000%
Sp. Time 360.0sec
Mean Area 222.4
CV Area 0.73%

Slope: 7.434
Intercept 3.315
r^2 0.9988
r 0.9994
Zero Shift No



Sample

Sample Name: ICV
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:18.76mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	144.7	19.02mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/16/2010 3:07:06 PM
2	140.9	18.51mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/16/2010 3:09:52 PM

Mean Area 142.8
Mean Conc. 18.76mg/L
CV Area 1.88%

Sample

11/1/2010 9:01:35 AM c01030w1.toc.132

Instr.Information

System	TOC-V with ASI
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Sample

Sample Name:	WASHCONF
Sample ID:	
Origin:	TOCAQ.met
Status	Completed
Chk. Result	

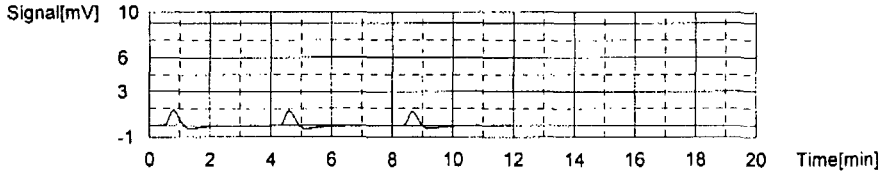
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:-0.2717mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.746	-0.2111mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:00:18 AM
2	1.327	-0.2674mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:04:34 AM
3	1.263	-0.2760mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:08:47 AM

Mean Area	1.295
Mean Conc.	-0.2717mg/L
CV Area	3.49%



Sample

Sample Name:	CRI
Sample ID:	
Origin:	TOCAQ.met
Status	Completed
Chk. Result	

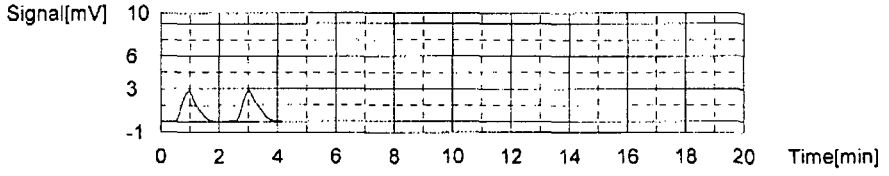
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.8509mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.644	0.8513mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:21:50 AM
2	9.638	0.8505mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:24:05 AM

Mean Area	9.641
Mean Conc.	0.8509mg/L
CV Area	0.04%



14.6 14

Sample

Sample Name: HSTD
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

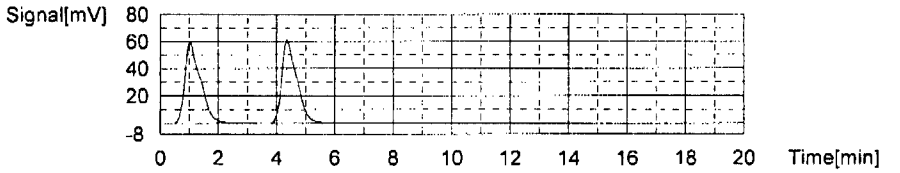
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:29.18mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	221.8	29.39mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:38:27 AM
2	218.7	28.97mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:41:24 AM

Mean Area 220.3
Mean Conc. 29.18mg/L
CV Area 1.00%



Sample

Sample Name: ICV
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

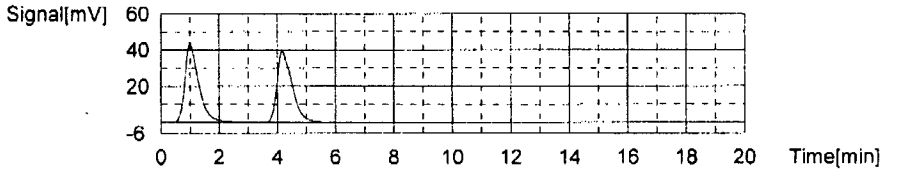
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:18.82mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	144.3	18.96mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:54:41 AM
2	142.1	18.67mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:57:44 AM

Mean Area 143.2
Mean Conc. 18.82mg/L
CV Area 1.09%



Sample

14.6 14

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Sample Name: ICB
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

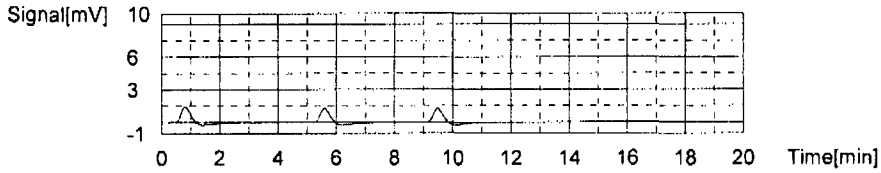
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:-0.2658mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.599	-0.2309mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:14:04 AM
2	1.292	-0.2721mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:18:09 AM
3	1.387	-0.2594mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:21:33 AM

Mean Area 1.340
Mean Conc. -0.2658mg/L
CV Area 5.01%



Sample

Sample Name: CCV
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

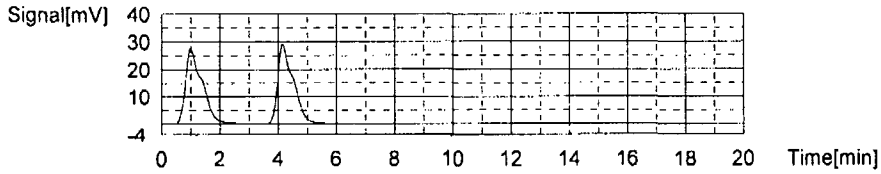
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:14.18mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	109.5	14.28mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:35:44 AM
2	107.9	14.07mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:38:39 AM

Mean Area 108.7
Mean Conc. 14.18mg/L
CV Area 1.04%



Sample

Sample Name: CCB
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

11/1/2010 9:01:35 AM c01030w1.toc.t32

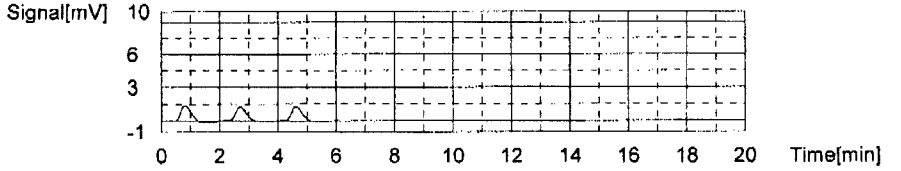
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:-0.03245mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.464	0.02001mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:50:47 AM
2	3.027	-0.03877mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:52:53 AM
3	3.121	-0.02613mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:54:59 AM

Mean Area 3.074
Mean Conc. -0.03245mg/L
CV Area 2.16%



Sample

Sample Name: SPARGERCHK
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

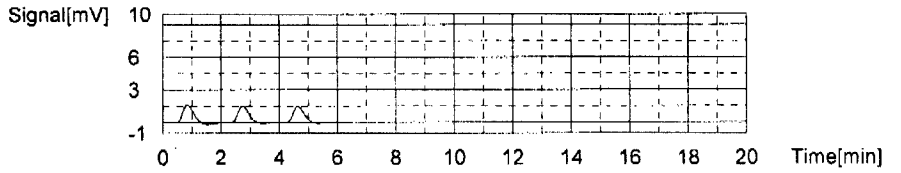
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.06440mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.222	0.1220mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/30/2010 12:47:31 PM
2	3.864	0.07381mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 12:49:37 PM
3	3.724	0.05498mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 12:51:43 PM

Mean Area 3.794
Mean Conc. 0.06440mg/L
CV Area 2.61%



Sample

Sample Name: GP56075-MB2
Sample ID: GP56112-MB1
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:-0.2623mg/L

1. Det

14.6 14

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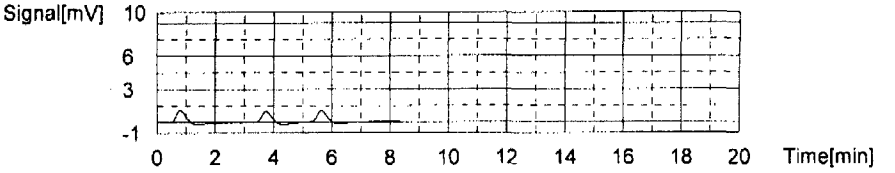
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.497	-0.2446mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 1:06:02 PM
2	2.310	-0.1352mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/30/2010 1:08:08 PM
3	1.233	-0.2801mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 1:11:50 PM

Mean Area 1.365
Mean Conc. -0.2623mg/L
CV Area 13.68%



Sample

Sample Name: GP56075-B2
Sample ID: GP56112-B1
Origin: TOCAQ.met
Status Completed
Chk. Result

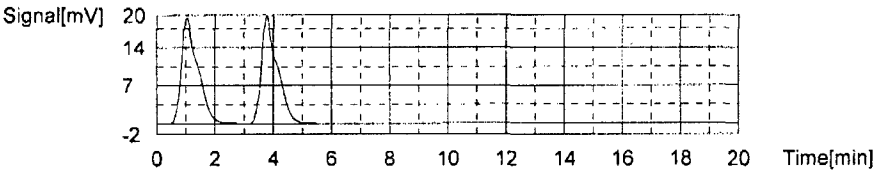
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:9.694mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	75.46	9.704mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 1:25:56 PM
2	75.31	9.684mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 1:28:51 PM

Mean Area 75.39
Mean Conc. 9.694mg/L
CV Area 0.14%



Sample

Sample Name: JA59278-3
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	5.000	NPOC:47.35mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	75.18	48.33mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 1:42:47 PM
2	72.27	46.38mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 1:45:25 PM

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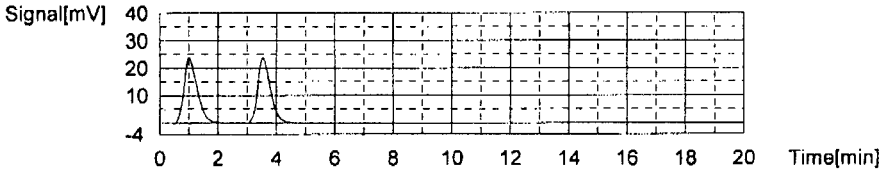
Mean Area 73.73
Mean Conc. 47.35mg/L
CV Area 2.79%



Sample

Sample Name: GP56112-MSD1
Sample ID: JA59906-2
Origin: TOCAQ.met
Status Completed
Chk. Result

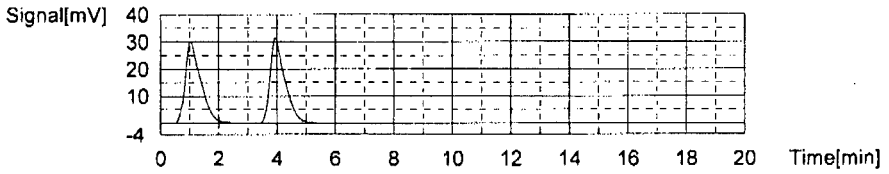
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:14.57mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	111.9	14.61mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 1:59:29 PM
2	111.4	14.54mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 2:02:31 PM

Mean Area 111.7
Mean Conc. 14.57mg/L
CV Area 0.32%



Sample

Sample Name: GP56112-S1
Sample ID: JA59906-2
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:14.65mg/L

1. Det

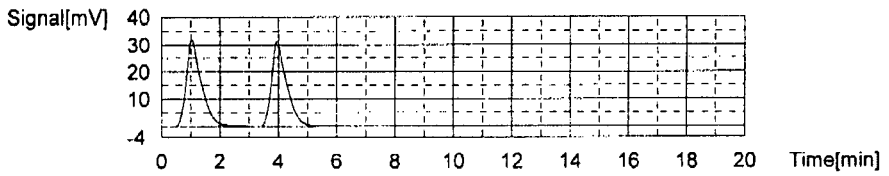
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	113.1	14.77mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 2:16:41 PM
2	111.4	14.54mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 2:19:41 PM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 112.3
Mean Conc. 14.65mg/L
CV Area 1.07%



Sample

Sample Name: JA59906-2
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

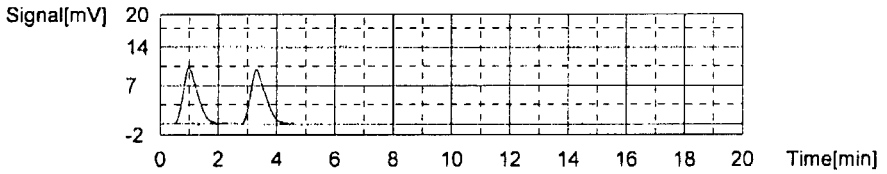
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:4.232mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	34.82	4.238mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 2:33:06 PM
2	34.73	4.226mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 2:35:38 PM

Mean Area 34.78
Mean Conc. 4.232mg/L
CV Area 0.18%



Sample

Sample Name: JA60065-1
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

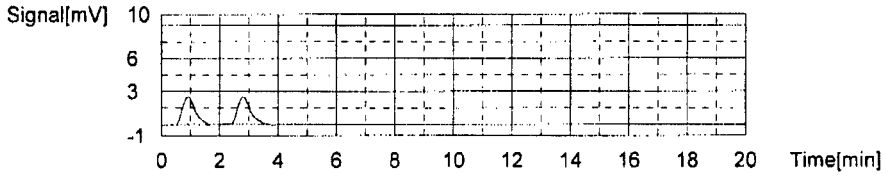
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.5787mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.609	0.5775mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 2:48:49 PM
2	7.626	0.5798mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 2:51:01 PM

Mean Area 7.617
Mean Conc. 0.5787mg/L
CV Area 0.16%



Sample

Sample Name: JA60065-2
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

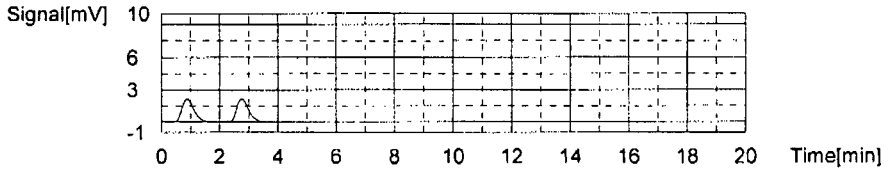
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.3681mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.139	0.3798mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 3:03:31 PM
2	5.965	0.3564mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 3:05:37 PM

Mean Area 6.052
Mean Conc. 0.3681mg/L
CV Area 2.03%



Sample

Sample Name: JA60065-3
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.2999mg/L

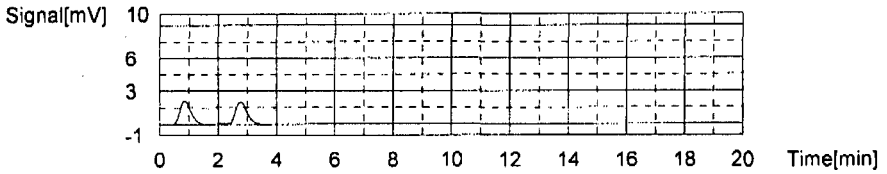
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.624	0.3105mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 3:18:48 PM
2	5.465	0.2892mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 3:20:54 PM

14.6 14

Mean Area 5.545
Mean Conc. 0.2999mg/L
CV Area 2.03%



Sample

Sample Name: CCV
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

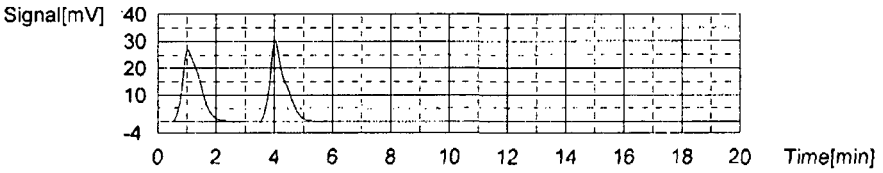
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:14.44mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	111.2	14.51mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 3:34:35 PM
2	110.1	14.36mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 3:37:39 PM

Mean Area 110.7
Mean Conc. 14.44mg/L
CV Area 0.70%



Sample

Sample Name: CCB
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

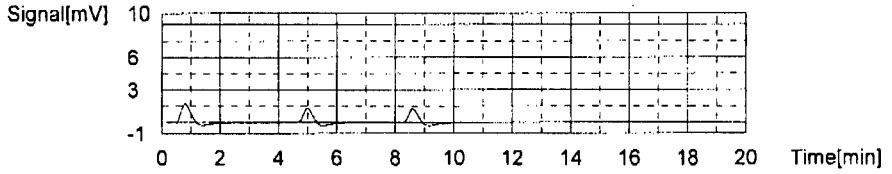
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:-0.2781mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.429	-0.1192mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/30/2010 3:52:24 PM
2	1.296	-0.2716mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 3:56:13 PM
3	1.199	-0.2847mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 3:59:48 PM

Mean Area 1.248
Mean Conc. -0.2781mg/L
CV Area 5.50%



Sample

Sample Name: JA58900-5
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

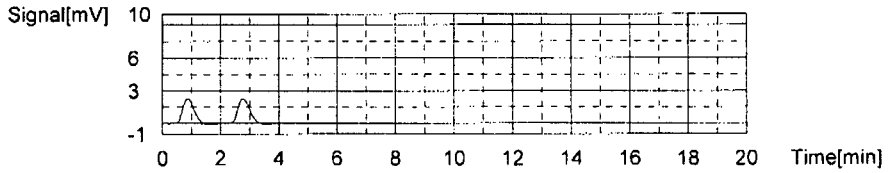
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.3948mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.253	0.3952mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 4:12:19 PM
2	6.248	0.3945mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 4:14:25 PM

Mean Area 6.251
Mean Conc. 0.3948mg/L
CV Area 0.06%



Sample

Sample Name: JA58900-6
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.09856mg/L

1. Det

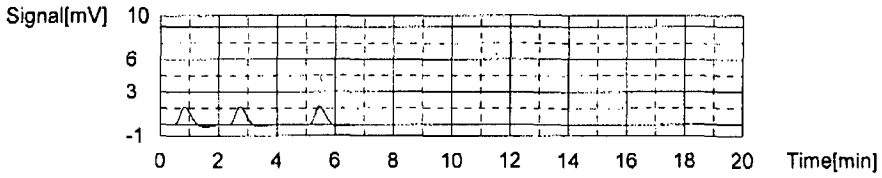
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.175	0.1156mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 4:26:44 PM
2	3.207	-0.01456mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/30/2010 4:29:40 PM
3	3.921	0.08148mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 4:31:46 PM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 4.048
Mean Conc. 0.09856mg/L
CV Area 4.44%



Sample

Sample Name: JA60201-1
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

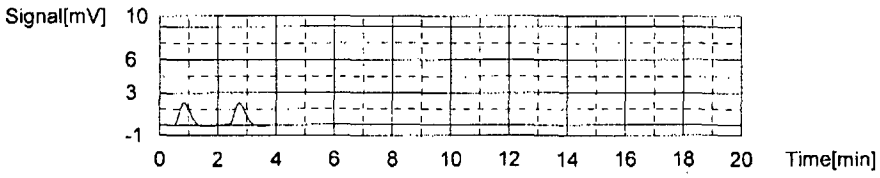
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.2826mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.523	0.2970mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 4:44:27 PM
2	5.309	0.2682mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 4:46:40 PM

Mean Area 5.416
Mean Conc. 0.2826mg/L
CV Area 2.79%



Sample

Sample Name: JA60201-2
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:3.453mg/L

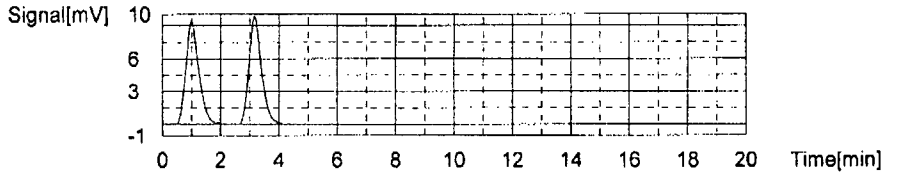
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	28.78	3.425mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 4:59:34 PM
2	29.19	3.480mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 5:01:58 PM

14.6 14

Mean Area 28.98
Mean Conc. 3.453mg/L
CV Area 1.00%



Sample

Sample Name: JA60201-3
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

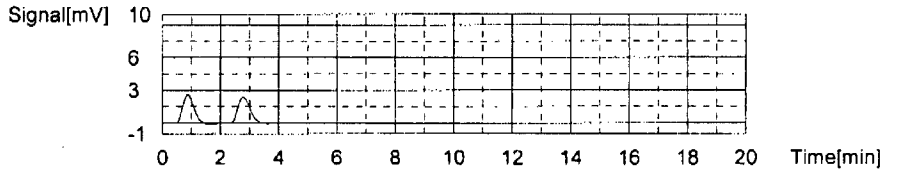
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.4711mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.937	0.4872mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 5:14:56 PM
2	6.698	0.4550mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 5:17:02 PM

Mean Area 6.818
Mean Conc. 0.4711mg/L
CV Area 2.48%



Sample

Sample Name: JA60201-4
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.4913mg/L

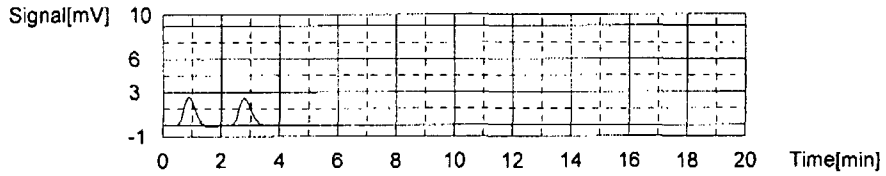
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.018	0.4981mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 5:30:09 PM
2	6.918	0.4846mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 5:32:15 PM

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 6.968
Mean Conc. 0.4913mg/L
CV Area 1.01%



Sample

Sample Name: GP56112-MSD2
Sample ID: JA59413-4
Origin: TOCAQ.met
Status Completed
Chk. Result

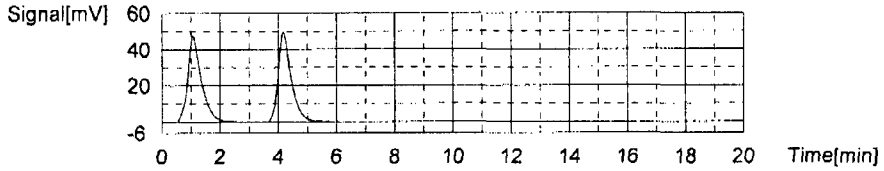
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:20.19mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	154.0	20.27mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 5:46:27 PM
2	152.9	20.12mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 5:49:18 PM

Mean Area 153.4
Mean Conc. 20.19mg/L
CV Area 0.51%



Sample

Sample Name: GP56112-S2
Sample ID: JA59413-4
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:20.26mg/L

1. Det

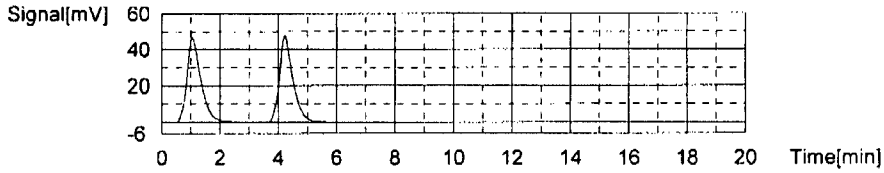
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	154.5	20.34mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 6:03:39 PM
2	153.4	20.19mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 6:06:37 PM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 153.9
Mean Conc. 20.26mg/L
CV Area 0.51%



Sample

Sample Name: JA59413-4
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

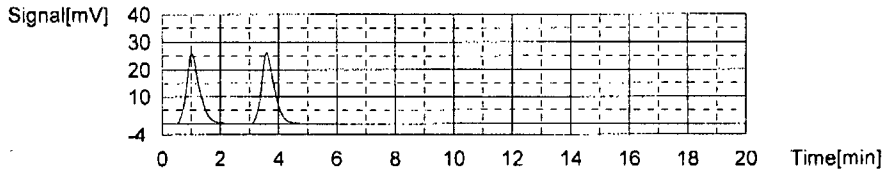
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:10.42mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	80.92	10.44mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 6:20:44 PM
2	80.61	10.40mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 6:23:23 PM

Mean Area 80.77
Mean Conc. 10.42mg/L
CV Area 0.27%



Sample

Sample Name: JA59413-2
Sample ID: ~~JA59413-2~~ ② gulliu
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.4040mg/L

1. Det

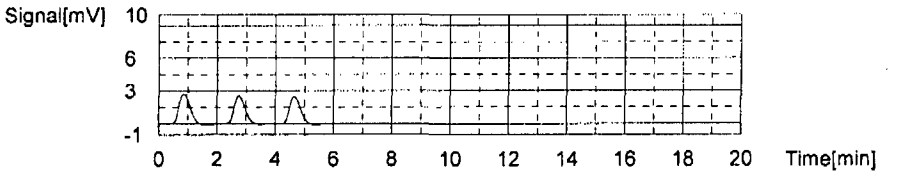
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.182	0.5201mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/30/2010 6:36:42 PM
2	6.354	0.4087mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 6:38:48 PM
3	6.283	0.3992mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 6:40:54 PM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 6.319
Mean Conc. 0.4040mg/L
CV Area 0.79%



Sample

Sample Name: CCV
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

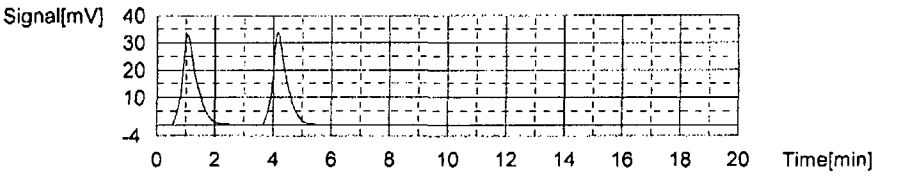
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:14.78mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	114.1	14.90mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 6:55:07 PM
2	112.3	14.66mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 6:58:02 PM

Mean Area 113.2
Mean Conc. 14.78mg/L
CV Area 1.12%



Sample

Sample Name: CCB
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:-0.2030mg/L

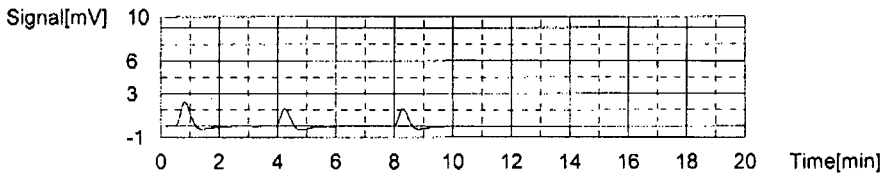
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.621	0.04113mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/30/2010 7:12:47 PM
2	1.985	-0.1789mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 7:17:02 PM
3	1.627	-0.2271mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 7:21:52 PM

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 1.806
Mean Conc. -0.2030mg/L
CV Area 14.02%



Sample

Sample Name: JA59413-3
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

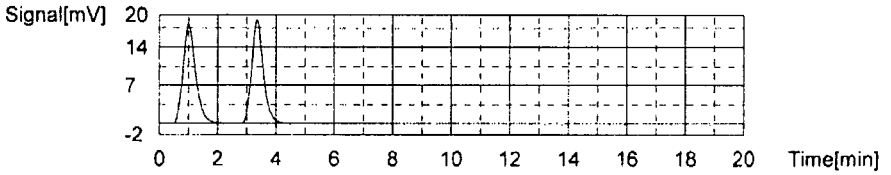
Type	Anal.	Dil.	Result
Unknown	NPOC	10.00	NPOC:67.92mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	54.59	68.97mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 7:35:13 PM
2	53.03	66.87mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 7:37:42 PM

Mean Area 53.81
Mean Conc. 67.92mg/L
CV Area 2.05%



Sample

Sample Name: JA59413-8
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:18.55mg/L

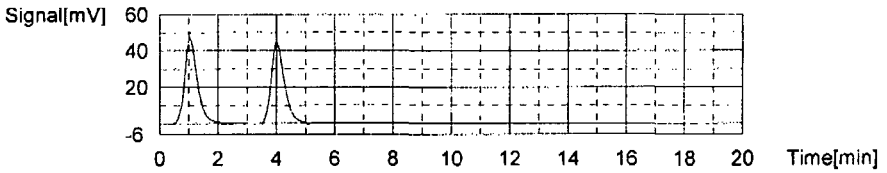
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	141.3	18.56mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 7:51:45 PM
2	141.2	18.55mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 7:54:37 PM

14.6 14

Mean Area 141.3
Mean Conc. 18.55mg/L
CV Area 0.05%



Sample

Sample Name: JA59413-9
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

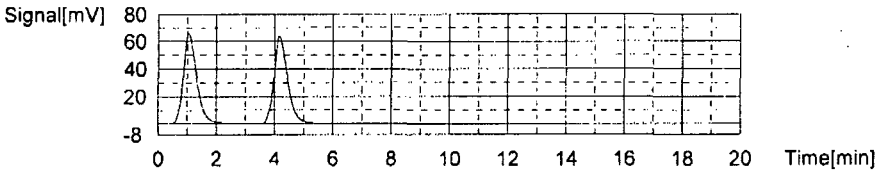
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:27.69mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	210.0	27.80mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 8:08:28 PM
2	208.3	27.57mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 8:11:27 PM

Mean Area 209.2
Mean Conc. 27.69mg/L
CV Area 0.57%



Sample

Sample Name: JA59413-10
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:2.829mg/L

1. Det

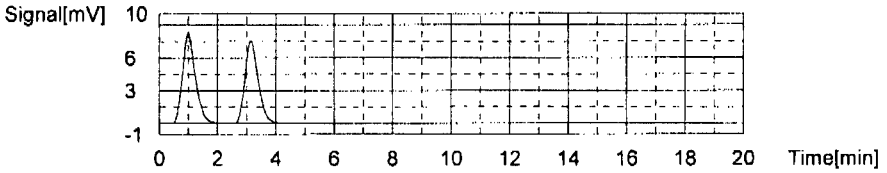
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	25.16	2.938mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 8:24:20 PM
2	23.54	2.720mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 8:26:39 PM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 24.35
Mean Conc. 2.829mg/L
CV Area 4.70%



Sample

Sample Name: JA59377-1
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

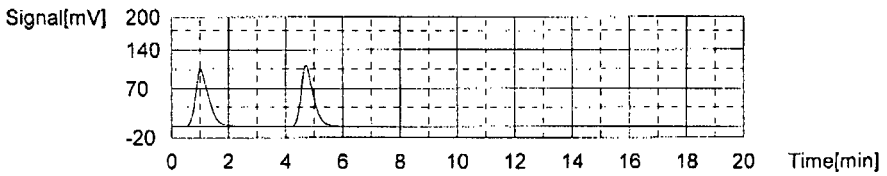
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:45.82mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	343.7	45.78mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 8:41:14 PM
2	344.3	45.87mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 8:44:23 PM

Mean Area 344.0
Mean Conc. 45.82mg/L
CV Area 0.12%



Sample

Sample Name: JA59305-2
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:9.724mg/L

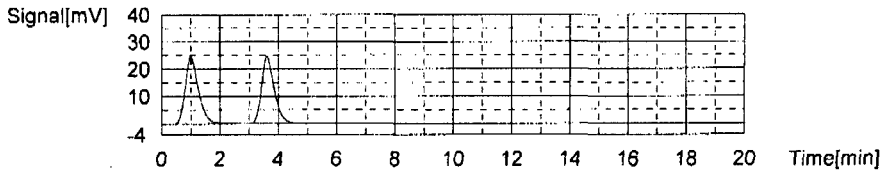
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	76.35	9.824mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 8:58:10 PM
2	74.86	9.623mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 9:00:45 PM

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 75.61
Mean Conc. 9.724mg/L
CV Area 1.39%



Sample

Sample Name: CCV
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

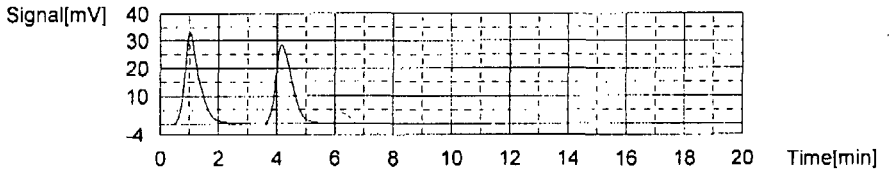
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:14.65mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	113.5	14.82mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 9:14:45 PM
2	111.0	14.48mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 9:17:52 PM

Mean Area 112.3
Mean Conc. 14.65mg/L
CV Area 1.57%



Sample

Sample Name: CCB
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:-0.2393mg/L

1. Det

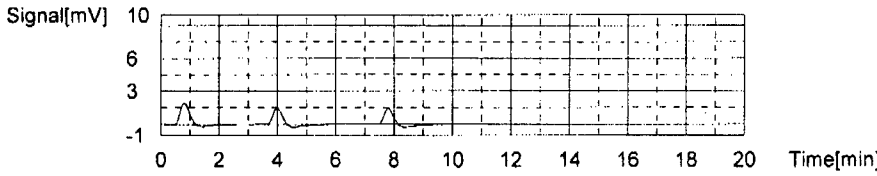
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.183	-0.01779mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/30/2010 9:32:12 PM
2	1.492	-0.2452mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 9:36:13 PM
3	1.580	-0.2334mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 9:39:38 PM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 1.536
Mean Conc. -0.2393mg/L
CV Area 4.05%



Sample

Sample Name: GP56113-MB1
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

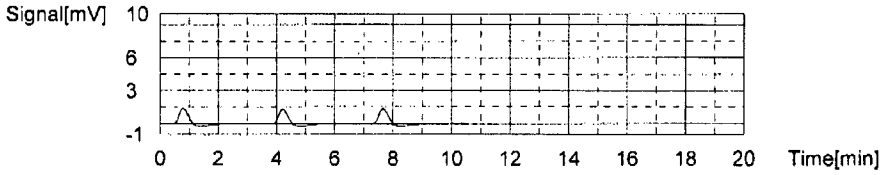
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:-0.2327mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.653	-0.2236mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 9:53:42 PM
2	1.373	-0.2612mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/30/2010 9:57:20 PM
3	1.518	-0.2417mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:01:31 PM

Mean Area 1.586
Mean Conc. -0.2327mg/L
CV Area 6.02%



Sample

Sample Name: GP56113-B1
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:9.513mg/L

1. Det

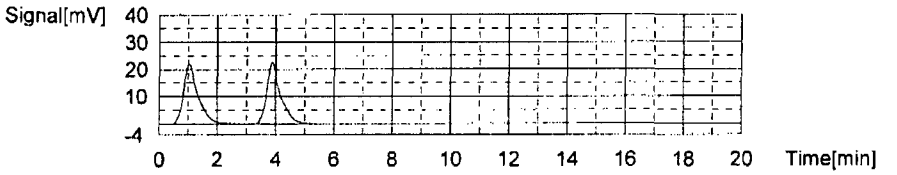
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	74.51	9.576mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:15:14 PM
2	73.57	9.450mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:18:12 PM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 74.04
Mean Conc. 9.513mg/L
CV Area 0.90%



Sample

Sample Name: GP56113-MSD1
Sample ID: JA59406-21
Origin: TOCAQ.met
Status Completed
Chk. Result

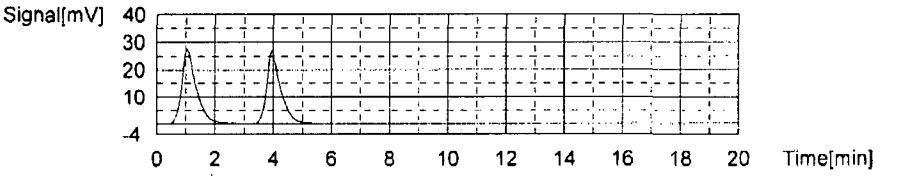
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:11.94mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	94.60	12.28mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:32:16 PM
2	89.56	11.60mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:35:13 PM

Mean Area 92.08
Mean Conc. 11.94mg/L
CV Area 3.87%



Sample

Sample Name: GP56113-S1
Sample ID: JA59406-21
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:11.66mg/L

1. Det

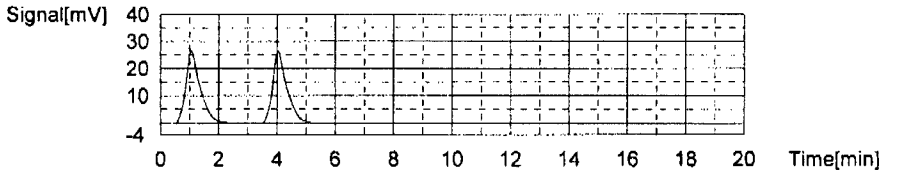
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	90.70	11.75mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:49:17 PM
2	89.36	11.57mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 10:52:13 PM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 90.03
Mean Conc. 11.66mg/L
CV Area 1.05%



Sample

Sample Name: JA59406-21
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

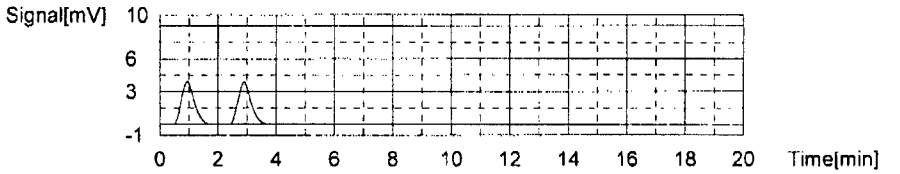
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:1.151mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	11.99	1.167mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:05:17 PM
2	11.76	1.136mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:07:24 PM

Mean Area 11.88
Mean Conc. 1.151mg/L
CV Area 1.37%



Sample

Sample Name: JA59406-6
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	5.000	NPOC:37.32mg/L

1. Det

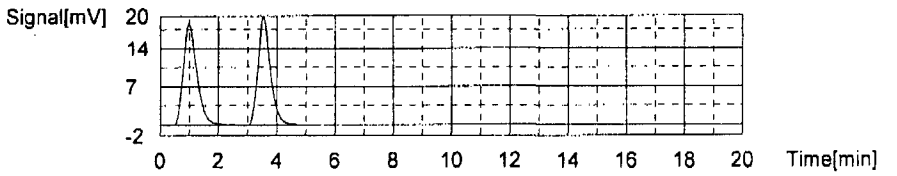
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	59.12	37.53mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:21:07 PM
2	58.50	37.11mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:23:41 PM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 58.81
Mean Conc. 37.32mg/L
CV Area 0.75%



Sample

Sample Name: JA59406-10
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

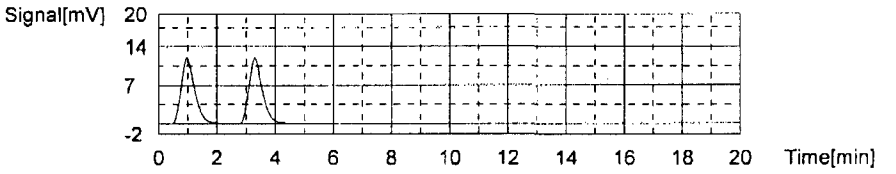
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:4.666mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	38.23	4.696mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:36:38 PM
2	37.78	4.636mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:39:08 PM

Mean Area 38.01
Mean Conc. 4.666mg/L
CV Area 0.84%



Sample

Sample Name: JA59406-14
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:7.479mg/L

1. Det

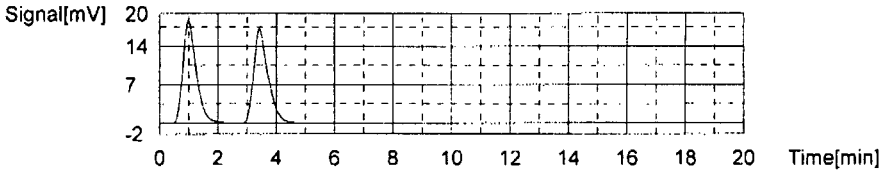
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	59.03	7.494mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:52:54 PM
2	58.80	7.463mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/30/2010 11:55:36 PM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 58.92
Mean Conc. 7.479mg/L
CV Area 0.28%



Sample

Sample Name: JA59406-23
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

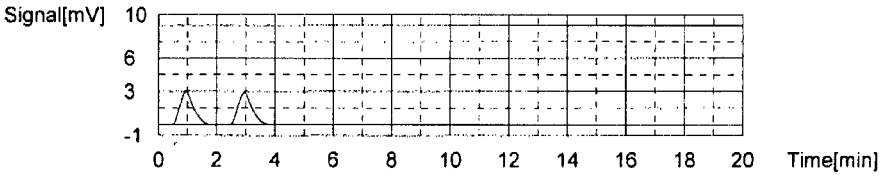
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.8352mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.702	0.8591mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 12:08:06 AM
2	9.347	0.8113mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 12:10:20 AM

Mean Area 9.524
Mean Conc. 0.8352mg/L
CV Area 2.64%



Sample

Sample Name: JA59406-27
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:9.548mg/L

1. Det

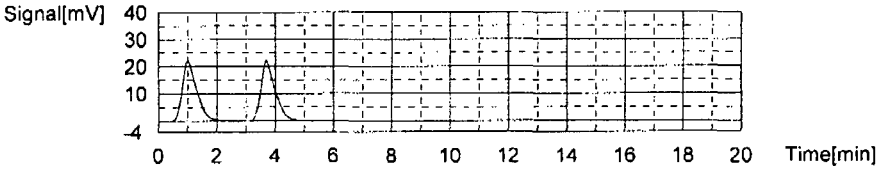
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	74.49	9.574mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 12:24:00 AM
2	74.11	9.522mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 12:26:38 AM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 74.30
Mean Conc. 9.548mg/L
CV Area 0.36%



Sample

Sample Name: CCV
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

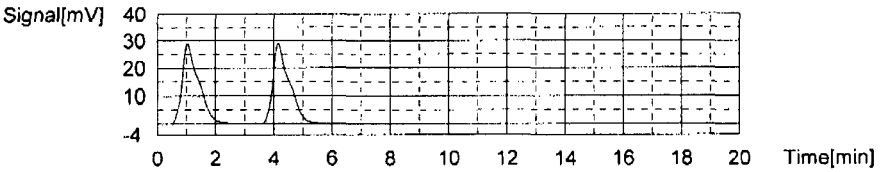
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:14.74mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	113.6	14.83mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 12:40:49 AM
2	112.2	14.65mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 12:43:50 AM

Mean Area 112.9
Mean Conc. 14.74mg/L
CV Area 0.88%



Sample

Sample Name: CCB
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:-0.2272mg/L

1. Det

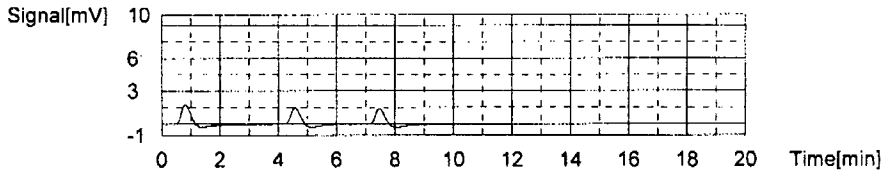
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.459	-0.1152mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/31/2010 12:58:42 AM
2	1.716	-0.2151mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 1:01:48 AM
3	1.537	-0.2392mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 1:05:39 AM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 1.627
Mean Conc. -0.2272mg/L
CV Area 7.78%



Sample

Sample Name: JA59406-28
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

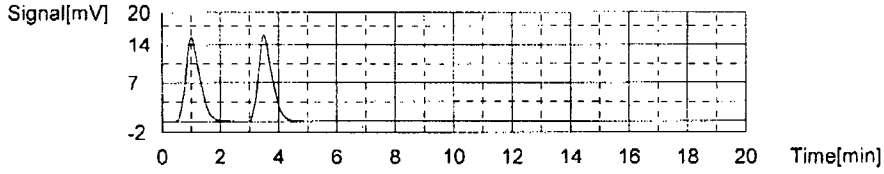
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:6.424mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	50.95	6.407mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 1:18:59 AM
2	51.20	6.441mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 1:21:29 AM

Mean Area 51.08
Mean Conc. 6.424mg/L
CV Area 0.35%



Sample

Sample Name: JA59406-31
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	20.00	NPOC:67.66mg/L

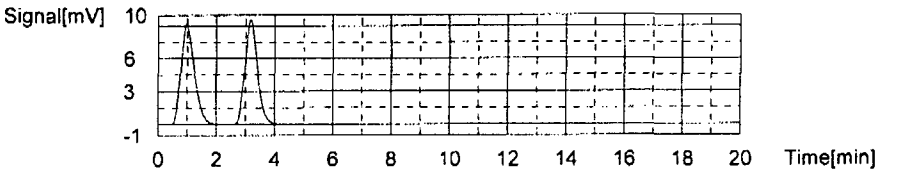
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	28.83	68.64mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 1:35:03 AM
2	28.10	66.68mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 1:37:20 AM

14.6 14

Mean Area 28.47
Mean Conc. 67.66mg/L
CV Area 1.81%



Sample

Sample Name: JA59406-32
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

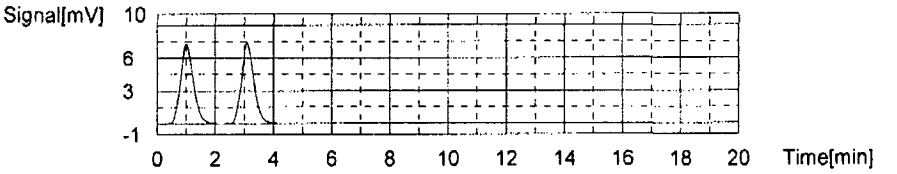
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:2.509mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	22.17	2.536mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 1:50:32 AM
2	21.77	2.482mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 1:52:48 AM

Mean Area 21.97
Mean Conc. 2.509mg/L
CV Area 1.29%



Sample

Sample Name: JA59406-38
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:1.763mg/L

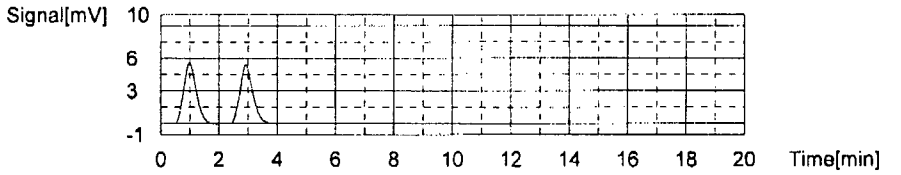
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	16.67	1.796mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 2:05:50 AM
2	16.18	1.730mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 2:08:05 AM

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 16.43
Mean Conc. 1.763mg/L
CV Area 2.11%



Sample

Sample Name: JA59406-39
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

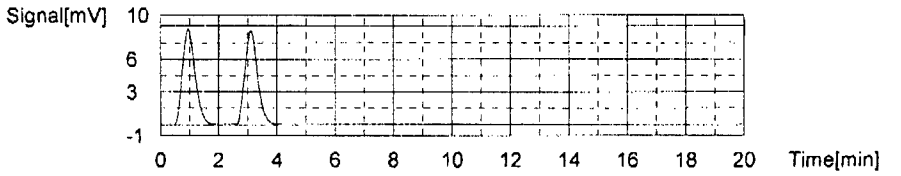
Type	Anal.	Dil.	Result
Unknown	NPOC	20.00	NPOC:61.27mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	26.49	62.34mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 2:21:05 AM
2	25.69	60.19mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 2:23:20 AM

Mean Area 26.09
Mean Conc. 61.27mg/L
CV Area 2.17%



Sample

Sample Name: GP56113-MSD2
Sample ID: JA59425-4
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:14.79mg/L

1. Det

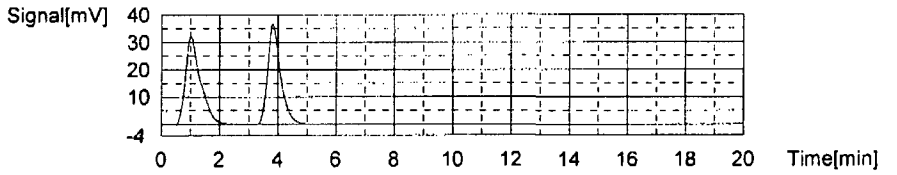
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	113.8	14.86mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 2:36:52 AM
2	112.8	14.73mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 2:39:42 AM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 113.3
Mean Conc. 14.79mg/L
CV Area 0.62%



Sample

Sample Name: GP56113-S2
Sample ID: JA59425-4
Origin: TOCAQ.met
Status Completed
Chk. Result

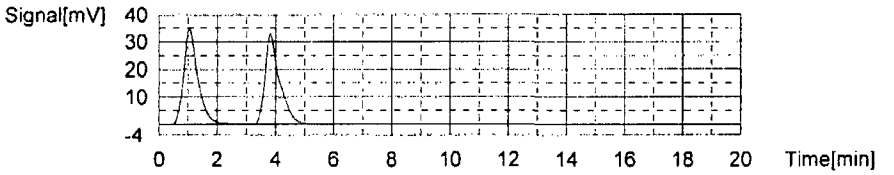
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:15.07mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	116.1	15.17mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 2:53:39 AM
2	114.6	14.97mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 2:56:29 AM

Mean Area 115.4
Mean Conc. 15.07mg/L
CV Area 0.92%



Sample

Sample Name: JA59425-4
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:4.901mg/L

1. Det

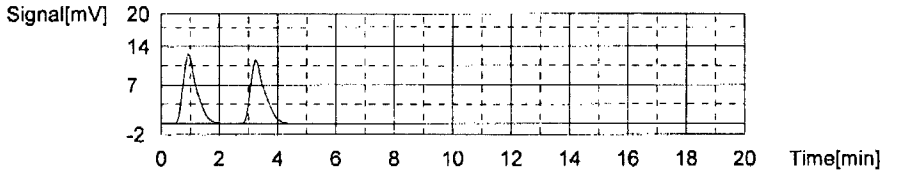
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	40.62	5.018mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 3:10:22 AM
2	38.88	4.784mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 3:12:49 AM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 39.75
Mean Conc. 4.901mg/L
CV Area 3.10%



Sample

Sample Name: JA59425-7
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

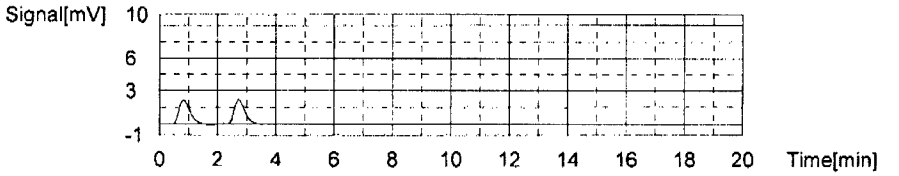
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.3101mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.811	0.3357mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 3:25:57 AM
2	5.431	0.2846mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 3:28:03 AM

Mean Area 5.621
Mean Conc. 0.3101mg/L
CV Area 4.78%



Sample

Sample Name: CCV
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:14.69mg/L

1. Det

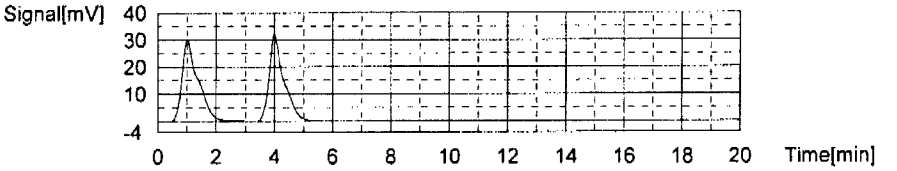
Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	113.2	14.78mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 3:42:25 AM
2	111.9	14.61mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 3:45:22 AM

14.6 14

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 112.6
Mean Conc. 14.69mg/L
CV Area 0.82%



Sample

Sample Name: CCB
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

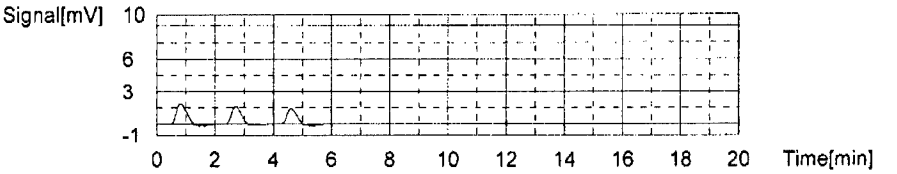
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.01833mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.777	0.1966mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/31/2010 3:58:30 AM
2	3.571	0.03440mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 4:00:36 AM
3	3.332	0.00225mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 4:02:43 AM

Mean Area 3.452
Mean Conc. 0.01833mg/L
CV Area 4.90%



Sample

Sample Name: JA59425-5
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:10.48mg/L

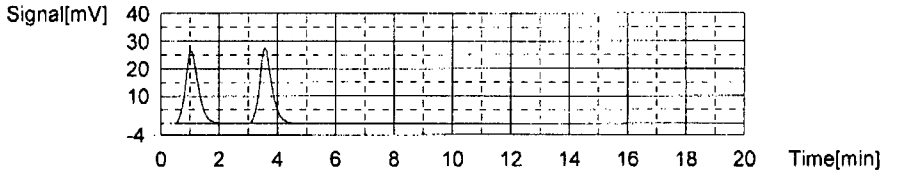
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	81.24	10.48mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 4:16:18 AM
2	81.19	10.47mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 4:18:57 AM

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 81.22
Mean Conc. 10.48mg/L
CV Area 0.04%



Sample

Sample Name: JA59425-3
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

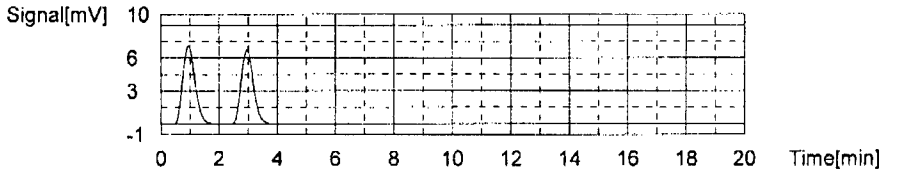
Type	Anal.	Dil.	Result
Unknown	NPOC	25.00	NPOC:56.63mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	20.83	58.90mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 4:32:19 AM
2	19.48	54.36mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 4:34:26 AM

Mean Area 20.16
Mean Conc. 56.63mg/L
CV Area 4.74%



Sample

Sample Name: JA59425-6
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:36.40mg/L

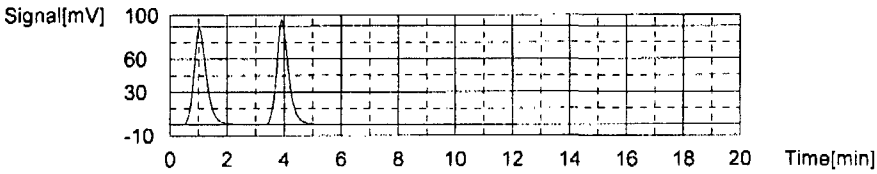
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	270.2	35.90mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 4:48:40 AM
2	277.6	36.89mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 4:51:26 AM

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 273.9
Mean Conc. 36.40mg/L
CV Area 1.91%



Sample

Sample Name: JA59425-1
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

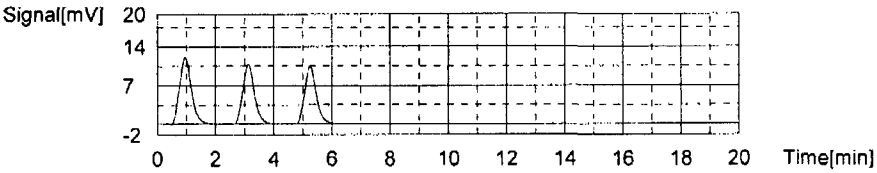
Type	Anal.	Dil.	Result
Unknown	NPOC	25.00	NPOC:89.16mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	34.15	103.7mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/31/2010 5:04:35 AM
2	30.19	90.37mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 5:06:55 AM
3	29.47	87.95mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 5:09:14 AM

Mean Area 29.83
Mean Conc. 89.16mg/L
CV Area 1.71%



Sample

Sample Name: JA59425-2
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	50.00	NPOC:505.2mg/L

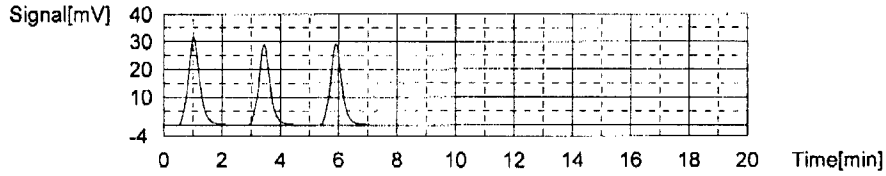
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	86.48	559.3mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/31/2010 5:22:39 AM
2	77.97	502.1mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 5:25:19 AM
3	78.89	508.3mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 5:27:54 AM

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area 78.43
Mean Conc. 505.2mg/L
CV Area 0.83%



Sample

Sample Name: CCV
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

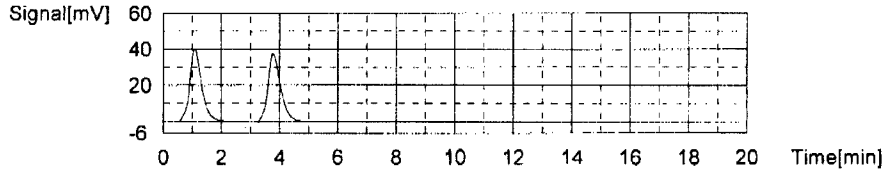
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:15.12mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	116.3	15.20mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 5:41:49 AM
2	115.1	15.04mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 5:44:44 AM

Mean Area 115.7
Mean Conc. 15.12mg/L
CV Area 0.73%



Sample

Sample Name: CCB
Sample ID:
Origin: TOCAQ.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.1577mg/L

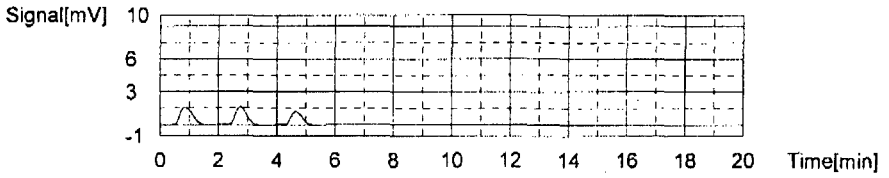
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.690	0.1849mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 5:57:21 AM
2	4.285	0.1304mg/L	100uL	1		c01016w1.2010_10_16_12_14_38.cal	10/31/2010 5:59:27 AM
3	3.156	-0.02142mg/L	100uL	1	E	c01016w1.2010_10_16_12_14_38.cal	10/31/2010 6:01:33 AM

11/1/2010 9:01:35 AM c01030w1.toc.t32

Mean Area	4.488
Mean Conc.	0.1577mg/L
CV Area	6.38%



14.6 14

35/35

Sequence: 210110101
Operator: Chemistry

6N44117

Printed: 11/1/2010 3:42:26 PM

Title:
Datasource: NJCHMIC2_local
Location: accutest_perchlorate_system_2\system 2 my sequences\anions-2010\Nov
Timebase: ACCUTEST_SYS#2
#Samples: 54

Created: 11/1/2010 8:32:53 AM by Chemistry
Last Update: 11/1/2010 10:00:27 AM by Chemistry

No.	Name	Type	Pos.	Inj. Vol.	Dil. Factor	Status	Inj. Date/Time	Comment
1	BLANKCONF	Unknown	1	20.0	1.0000	Finished	11/1/2010 9:44:33 AM	
2	STDA	Standard	1	20.0	1.0000	Finished	10/22/2010 11:05:08 AM	
3	STDB	Standard	3	20.0	1.0000	Finished	10/22/2010 11:52:23 AM	
4	STDC	Standard	4	20.0	1.0000	Finished	10/22/2010 12:16:19 PM	
5	STDD	Standard	6	20.0	1.0000	Finished	10/22/2010 1:04:10 PM	
6	STDE	Standard	8	20.0	1.0000	Finished	10/22/2010 1:52:01 PM	
7	STDF	Standard	9	20.0	1.0000	Finished	10/22/2010 2:15:56 PM	
8	STDG	Standard	10	20.0	1.0000	Finished	10/22/2010 2:39:52 PM	
9	ICV	Unknown	2	20.0	1.0000	Finished	11/1/2010 10:07:52 AM	
10	CCV	Unknown	3	20.0	1.0000	Finished	11/1/2010 10:31:48 AM	
11	CCB	Unknown	4	20.0	1.0000	Finished	11/1/2010 10:55:43 AM	
12	MB	Unknown	5	20.0	1.0000	Finished	11/1/2010 11:19:39 AM	
13	BS	Unknown	6	20.0	1.0000	Finished	11/1/2010 11:43:35 AM	
14	7 JA59406-21MS	Unknown	7	20.0	1.0000	Finished	11/1/2010 12:07:30 PM	
15	JA59406-21DUP	Unknown	8	20.0	1.0000	Finished	11/1/2010 12:30:57 PM	
16	JA59406-21	Unknown	9	20.0	1.0000	Finished	11/1/2010 12:54:52 PM	
17	3 JA59406-6	Unknown	10	20.0	1.0000	Finished	11/1/2010 1:18:48 PM	
18	JA59406-10	Unknown	11	20.0	1.0000	Finished	11/1/2010 1:42:43 PM	
19	JA59406-14	Unknown	12	20.0	1.0000	Finished	11/1/2010 2:06:38 PM	
20	JA59406-23	Unknown	13	20.0	1.0000	Finished	11/1/2010 2:30:34 PM	
21	JA59406-27	Unknown	14	20.0	1.0000	Finished	11/1/2010 2:54:29 PM	
22	CCV	Unknown	15	20.0	1.0000	Finished	11/1/2010 3:18:24 PM	
[redacted]	CCB	Unknown	16	20.0	1.0000	Running	11/1/2010 3:42:19 PM	
24	JA59406-28MS	Unknown	17	20.0	1.0000	Single		
25	JA59406-28	Unknown	18	20.0	1.0000	Single		
26	JA59406-31	Unknown	19	20.0	1.0000	Single		
27	JA59406-32	Unknown	20	20.0	1.0000	Single		
28	JA59406-38	Unknown	21	20.0	1.0000	Single		
29	JA59406-39	Unknown	22	20.0	1.0000	Single		
30	CCV	Unknown	23	20.0	1.0000	Single		
31	CCB	Unknown	24	20.0	1.0000	Single		
32	MB-SOIL	Unknown	25	20.0	1.0000	Single		
33	BS-SOIL	Unknown	26	20.0	1.0000	Single		
34	JA58900-3MS	Unknown	27	20.0	1.0000	Single		
35	JA58900-3DUP	Unknown	28	20.0	1.0000	Single		
36	JA58900-3	Unknown	29	20.0	1.0000	Single		
37	JA58900-1	Unknown	30	20.0	1.0000	Single		
38	JA58900-2	Unknown	31	20.0	1.0000	Single		
39	JA58900-4	Unknown	32	20.0	1.0000	Single		
40	JA58900-7	Unknown	33	20.0	1.0000	Single		
41	JA58900-8	Unknown	34	20.0	1.0000	Single		
42	CCV	Unknown	35	20.0	1.0000	Single		

6P56131
SO4 AQ
1

6P56125
CHL, SO4
SOIL 1

14.7
14

Sequence: 210110101
Operator: Chemistry

Printed: 11/1/2010 3:42:33 PM

Title:
Datasource: NJCHMIC2_local
Location: accutest_perchlorate_system_2\system 2 my sequences\anions-2010\Nov
Timebase: ACCUTEST_SYS#2
#Samples: 54

Created: 11/1/2010 8:32:53 AM by Chemistry
Last Update: 11/1/2010 10:00:27 AM by Chemistry

No.	Name	Type	Pos.	Inj. Vol.	Dil. Factor	Status	Inj. Date/Time	Comment
43	CCB	Unknown	36	20.0	1.0000	Single		
44	JA58900-9	Unknown	37	20.0	1.0000	Single		
45	JA58900-10	Unknown	38	20.0	1.0000	Single		
46	JA58900-11	Unknown	39	20.0	1.0000	Single		
47	JA58900-12	Unknown	40	20.0	1.0000	Single		
48	JA58900-14	Unknown	41	20.0	1.0000	Single		
49	JA59322-1	Unknown	42	20.0	1.0000	Single		
50	JA59498-2MS	Unknown	43	20.0	1.0000	Single		
51	JA59498-2	Unknown	44	20.0	1.0000	Single		
52	CCV	Unknown	45	20.0	1.0000	Single		
53	CCB	Unknown	46	20.0	1.0000	Single		
54	STANDBY	Unknown	47	20.0	1.0000	Single		

ACCUTEST

Analyst mj

Method IC

Prep Date 11/1/10

Balance # NA

GP # GN44117

Sample Prep Log

Sample ID	Sample Size	Final Volume
BS	0.5mL GN04-GG-138	mj 11/1/10 ~~0.5~~ 50 mL DI
MS (JA59406-21)	↓	50 mL sample
MS (JA59406-28)	↓	↓

Form: GN166-02
Rev. Date: 8/5/05

QC Review_____

14.7 14

ACCUTEST

Analyst MT

Method IC

Prep Date 11/1/10 11:45

Balance # B36

GP # GP56125

Sample Prep Log

Bot #	Sample ID	Sample Size	Final Volume
	MB	—	100 ml DI
	BS	1mL GN09-66-138	
2	MS(JA58900-3)	10.10g 1mL GN09-66-138	
2	DUP(JA58900-3)	10.07g	
2	JA58900-3	10.00g	
1	-1	10.06g	
2	-2	10.06g	
1	-4	10.04g	
2	-7	10.02g	
1	-8	10.07g	
2	-9	10.07g	
2	-10	10.00g	
1	-11	10.03g	
2	-12	10.09g	
1	-14	10.00g	
1	JA59322-1	10.06g	
1	JA59498-2	10.07g	
1	MS(JA59498-2)	10.03g 1mL GN09-66-138	
	QC JA58900-3 - brownish gray clay		

Form: GN166-02
Rev. Date: 8/5/05

QC Review_____

14.7 14

ACCUTEST

GN44117

Reagent Information Log - IONC - Water /Soil

Reagent	Reagent # or Manufacturer/Lot	Exp. Date
Standard Intermediate (for calibration curve)	6N09-72-73	10/25/10 CONFIRM ON 10/25/11
Standard Intermediates (for calibration curve)	6N09-72-75	10/25/10
ICV	6N09-68-63	11/29/10
Eluent	1008526500 12	8/12
Standard Intermediate (for working Stds/Spikes)	6N09-72-85	11/18/10
Standard Intermediate (for working Stds/Spikes)	6N09-72-87	11/18/10
CCV	6N09-85-111	11/18/10
Spiking Solution intermediate	6N09-66-136	11/29/10
Spiking Solution intermediate	6N09-66-137	11/29/10
Spiking Solution	6N09-66-138	11/18/10
Filter Lot number	21758812	NA

Reason codes for data corrections: 1-reviewer error correction: 2-transcription error; 3-computer error; 4-analyst error

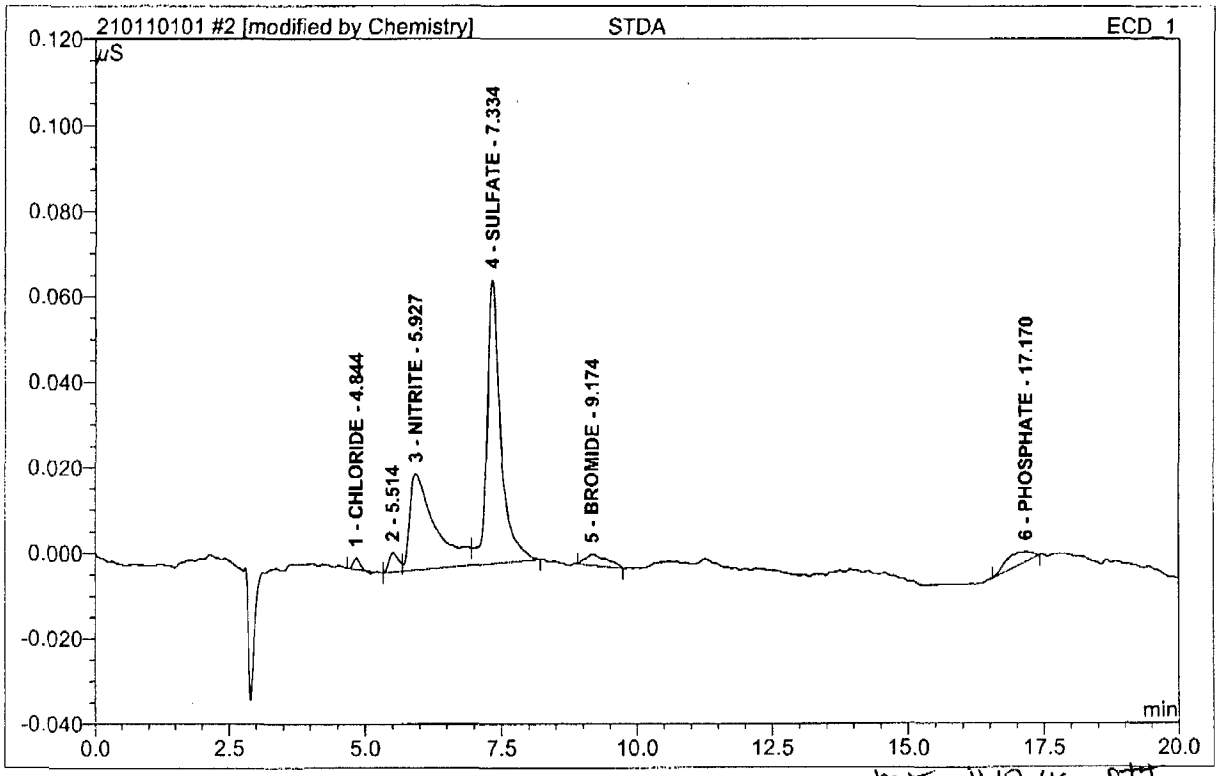
14.7

14

Form: GN087A-76
Rev. Date: 4/7/09

2 STDA

Sample Name:	**STDA**	*Injection Volume:*	**20.0**
Vial Number:	**1**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/22/2010 11:05**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



mJ 11/2/10 PII

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.84	CHLORIDE	0.003	0.000	0.93	0.001	BMb*
2	5.51	n.a.	0.005	0.001	2.54	n.a.	bM *
3	5.93	NITRITE	0.022	0.012	34.22	0.018	M *
4	7.33	SULFATE	0.066	0.020	54.63	0.108	MB*
5	9.17	BROMIDE	0.002	0.001	3.33	0.010	BMB*
6	17.17	PHOSPHATE	0.002	0.002	4.35	0.005	BMB
Total:			0.101	0.036	100.00	0.143	

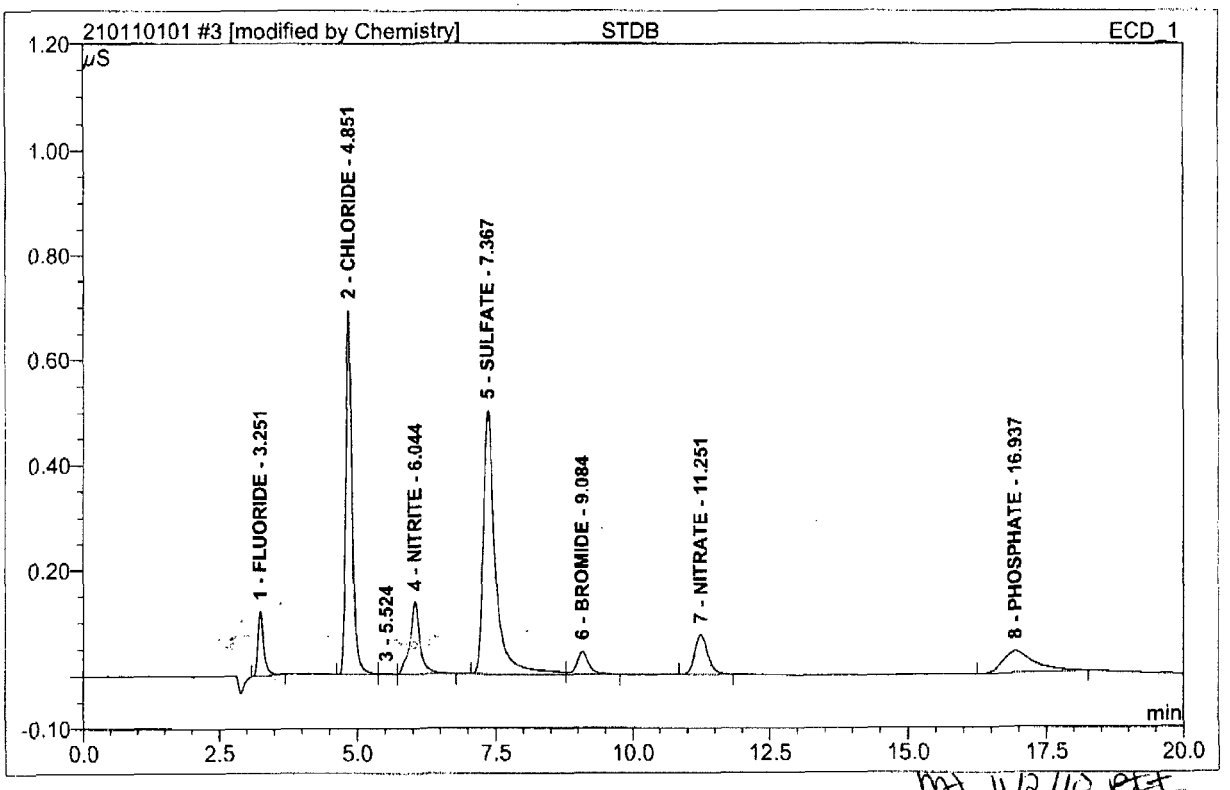
14.7 14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

3 STDB

Sample Name:	**STDB**	*Injection Volume:*	**20.0**
Vial Number:	**3**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/22/2010 11:52**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



MJ 11/2/10 PEF

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.25	FLUORIDE	0.121	0.015	4.62	0.037	BMB
2	4.85	CHLORIDE	0.691	0.092	28.56	0.387	BM *
3	5.52	n.a.	0.002	0.000	0.14	n.a.	Mb*
4	6.04	NITRITE	0.136	0.029	9.04	0.043	bMB*
5	7.37	SULFATE	0.500	0.127	39.56	0.704	BM *
6	9.08	BROMIDE	0.043	0.011	3.36	0.092	MB*
7	11.25	NITRATE	0.074	0.021	6.38	0.036	BMB
8	16.94	PHOSPHATE	0.040	0.027	8.34	0.087	BMB
Total:			1.608	0.322	100.00	1.387	

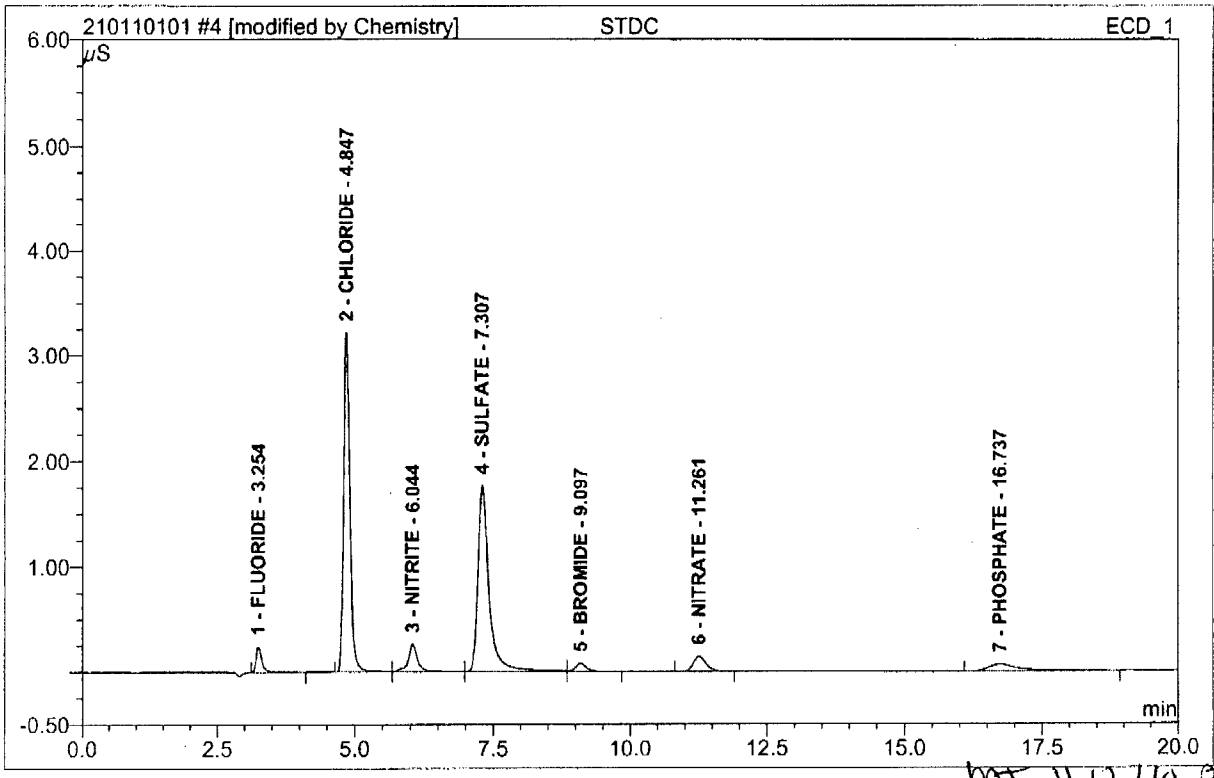
14.7 14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

4 STDC

Sample Name:	**STDC**	*Injection Volume:*	**20.0**
Vial Number:	**4**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/22/2010 12:16**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



MT 11/12/10 PM

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.25	FLUORIDE	0.245	0.030	2.93	0.076	BMB*
2	4.85	CHLORIDE	3.222	0.425	40.92	1.790	BM *
3	6.04	NITRITE	0.266	0.058	5.55	0.086	M *
4	7.31	SULFATE	1.770	0.419	40.36	2.320	M *
5	9.10	BROMIDE	0.081	0.019	1.84	0.162	MB*
6	11.26	NITRATE	0.146	0.041	3.91	0.072	BMB
7	16.74	PHOSPHATE	0.068	0.047	4.49	0.152	BMB
Total:			5.798	1.039	100.00	4.657	

14.7 14

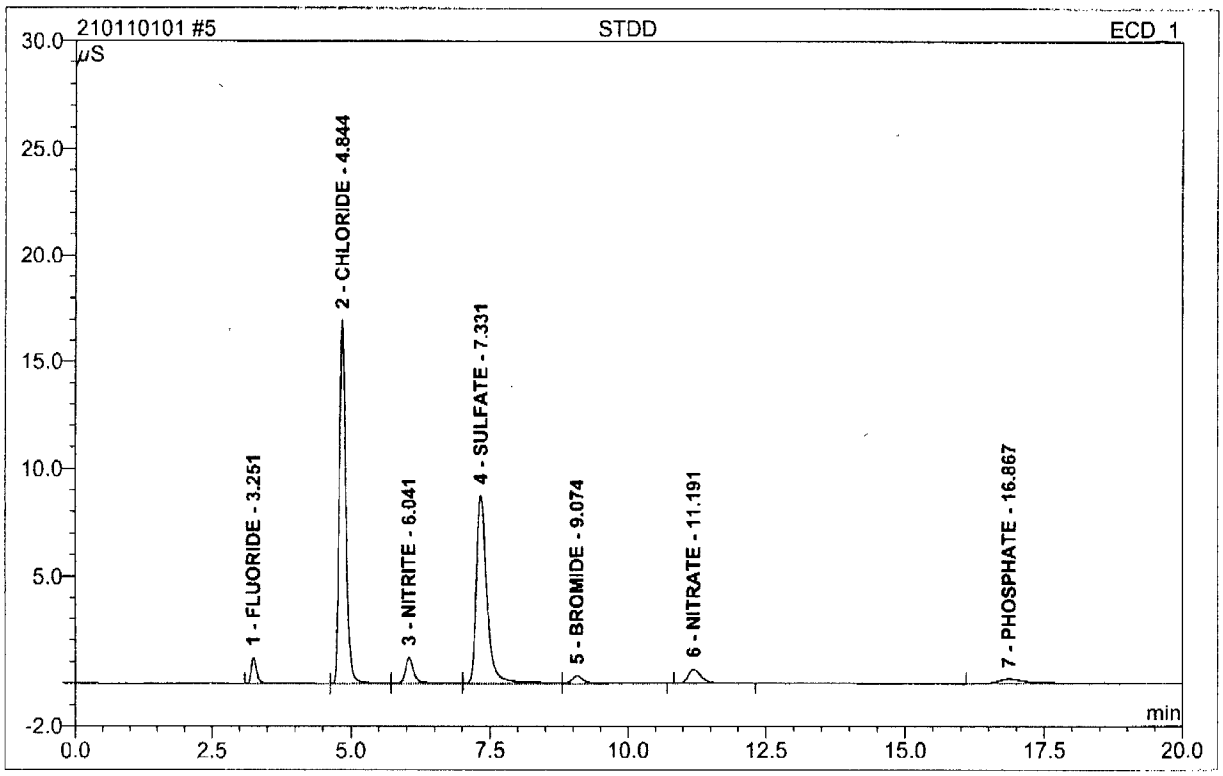
anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#2 Sequence:210110101

5 STDD

Sample Name:	**STDD**	*Injection Volume:*	**20.0**
Vial Number:	**6**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/22/2010 13:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.25	FLUORIDE	1.189	0.141	2.80	0.350	BMB
2	4.84	CHLORIDE	16.984	2.300	45.90	9.685	BM
3	6.04	NITRITE	1.206	0.219	4.38	0.326	M
4	7.33	SULFATE	8.762	1.943	38.78	10.749	M
5	9.07	BROMIDE	0.359	0.089	1.77	0.750	MB
6	11.19	NITRATE	0.660	0.178	3.56	0.316	BMB
7	16.87	PHOSPHATE	0.199	0.141	2.82	0.459	BMB
Total:			29.358	5.012	100.00	22.636	

14.7 14

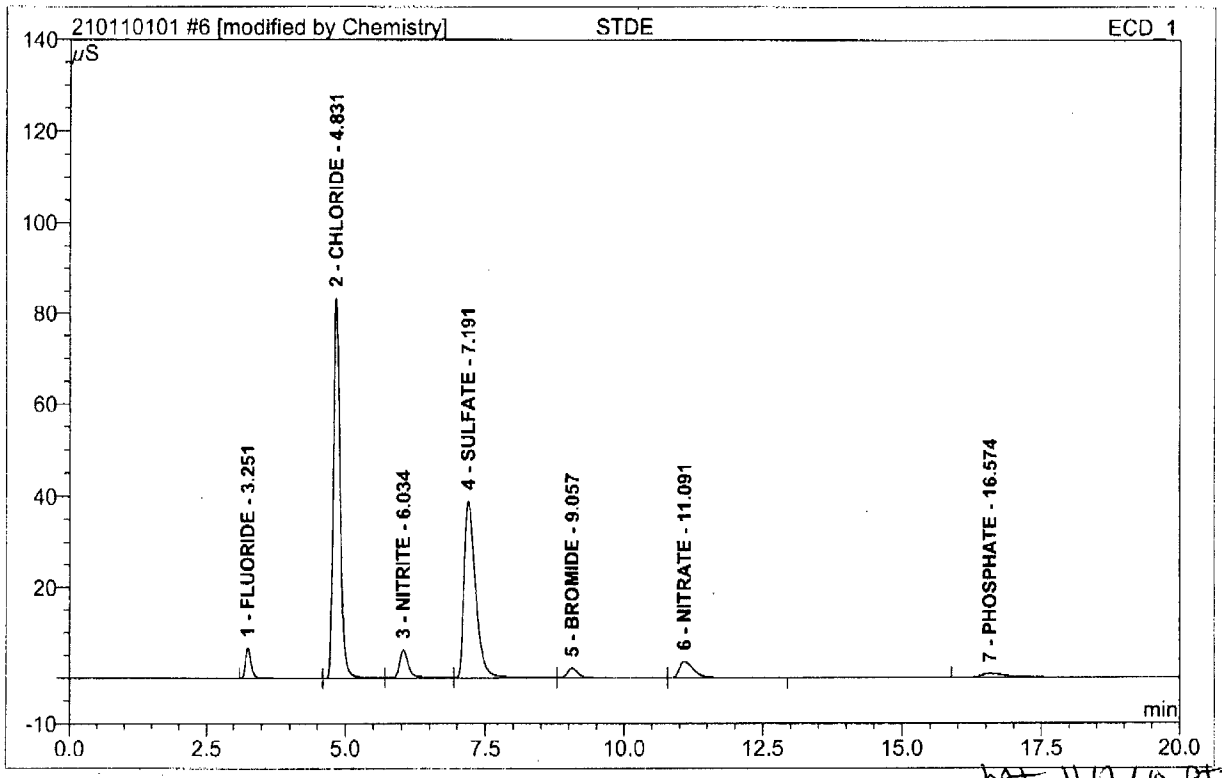
anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#2 Sequence:210110101

6 STDE

Sample Name:	**STDE**	*Injection Volume:*	**20.0**
Vial Number:	**8**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/22/2010 13:52**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



MT 11/2/10 PTL

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.25	FLUORIDE	6.637	0.800	3.15	1.994	BMb*
2	4.83	CHLORIDE	83.432	11.801	46.50	49.682	bM *
3	6.03	NITRITE	6.245	1.215	4.79	1.807	M *
4	7.19	SULFATE	38.983	9.387	36.99	51.922	M *
5	9.06	BROMIDE	2.180	0.511	2.02	4.335	Mb*
6	11.09	NITRATE	3.666	1.071	4.22	1.899	bMB*
7	16.57	PHOSPHATE	0.891	0.593	2.34	1.927	BMB
Total:			142.033	25.378	100.00	113.566	

14.7 14

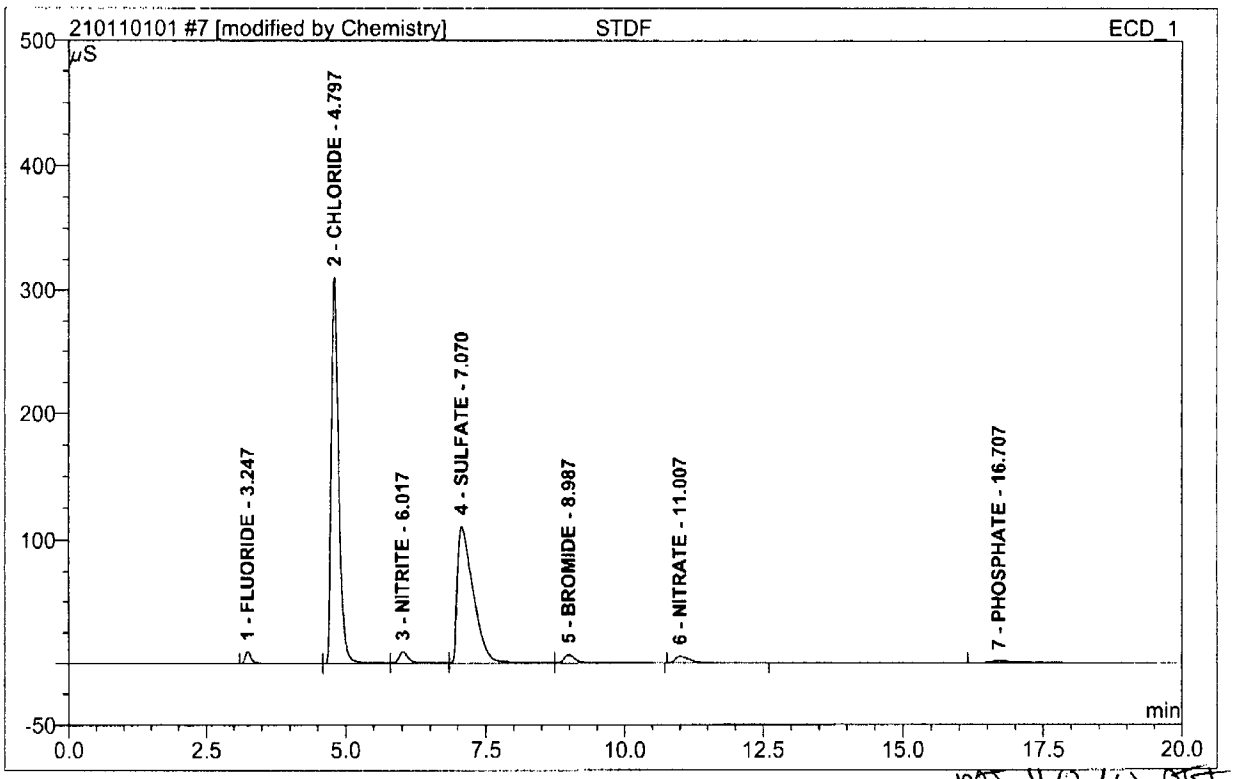
anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#2 Sequence:210110101

7 STDF

Sample Name:	**STDF**	*Injection Volume:*	**20.0**
Vial Number:	**9**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/22/2010 14:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



MJ 11/2/10

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.25	FLUORIDE	9.741	1.213	1.32	3.023	BMb*
2	4.80	CHLORIDE	310.407	47.808	52.06	201.282	bM *
3	6.02	NITRITE	9.488	2.016	2.20	2.997	M *
4	7.07	SULFATE	110.543	36.535	39.79	202.080	M *
5	8.99	BROMIDE	6.804	1.694	1.84	14.356	MB*
6	11.01	NITRATE	5.411	1.661	1.81	2.944	BMB*
7	16.71	PHOSPHATE	1.335	0.904	0.98	2.939	BMB
Total:			453.729	91.830	100.00	429.620	

14.7

14

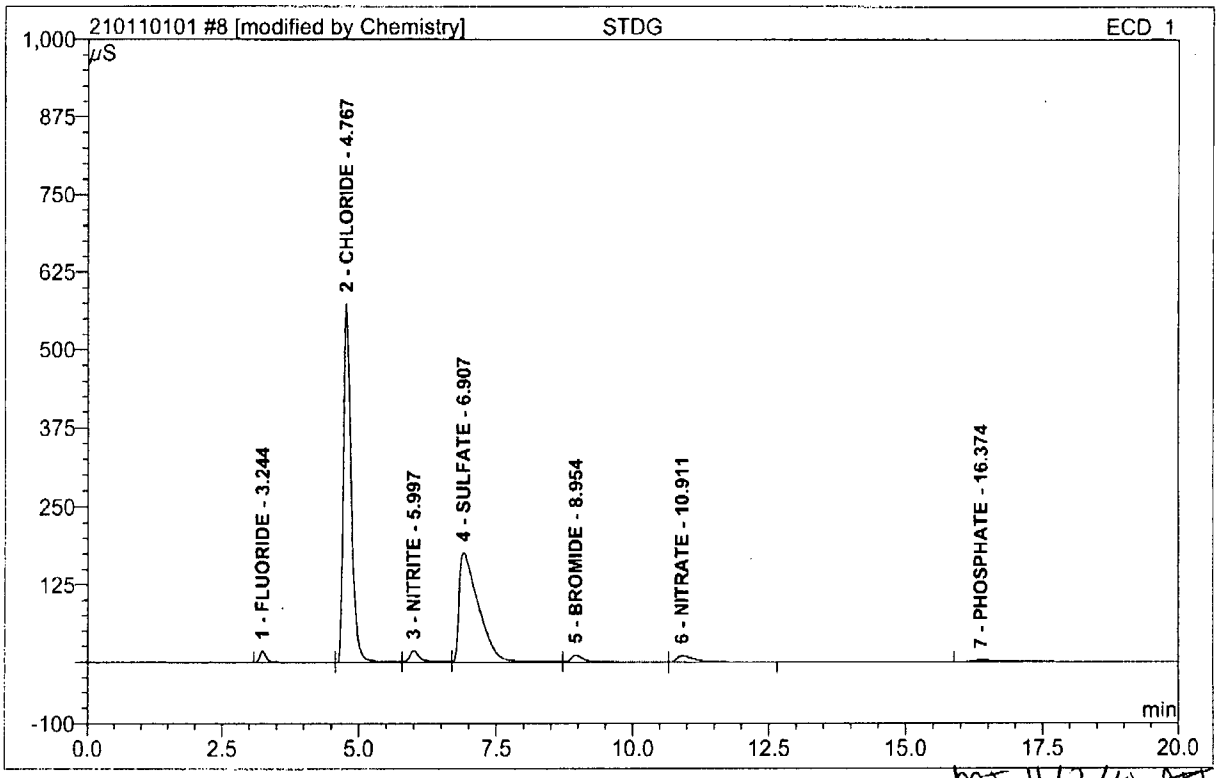
anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#2 Sequence:210110101

8 STDG

Sample Name:	**STDG**	*Injection Volume:*	**20.0**
Vial Number:	**10**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/22/2010 14:39**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



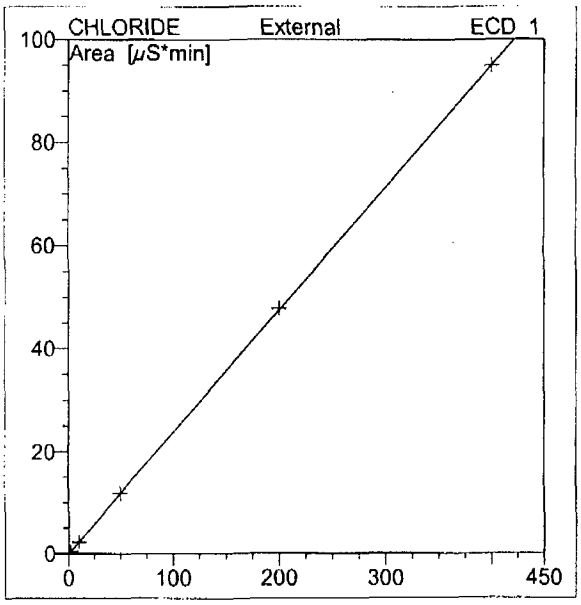
MT 11/2/10

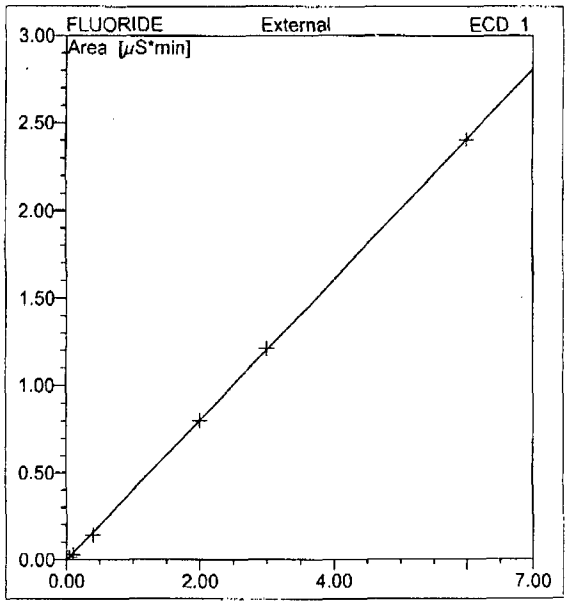
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	FLUORIDE	18.177	2.405	1.32	5.994	BMb*
2	4.77	CHLORIDE	575.289	94.867	52.20	399.408	bM *
3	6.00	NITRITE	18.308	4.083	2.25	6.071	M *
4	6.91	SULFATE	177.633	72.082	39.66	398.699	M *
5	8.95	BROMIDE	11.147	3.012	1.66	25.531	Mb*
6	10.91	NITRATE	9.832	3.424	1.88	6.068	bMB*
7	16.37	PHOSPHATE	2.396	1.861	1.02	6.050	BMB
Total:			812.781	181.733	100.00	847.821	

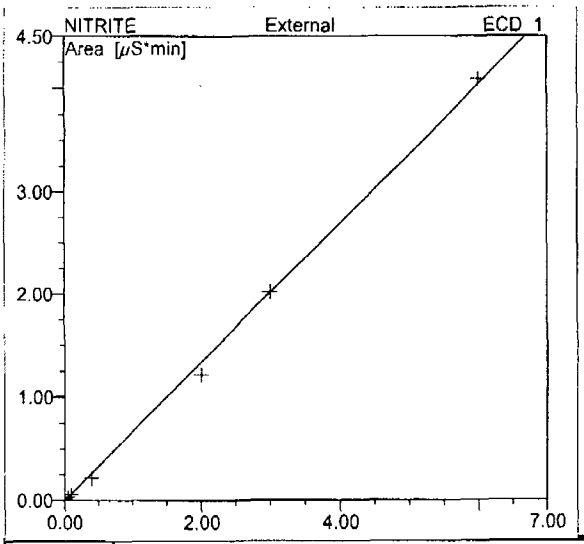
14.7 14

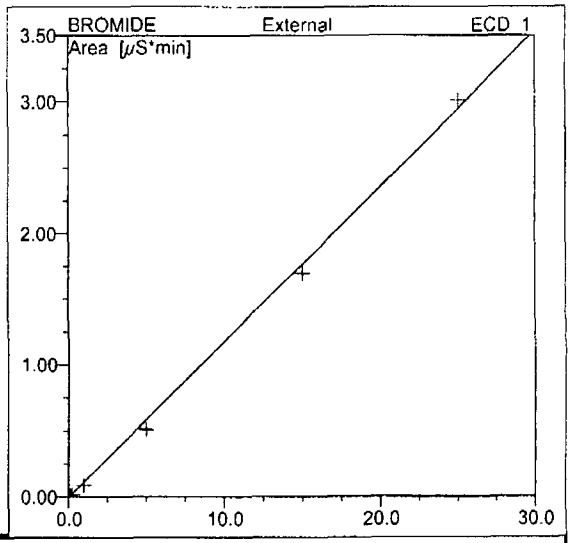
anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)







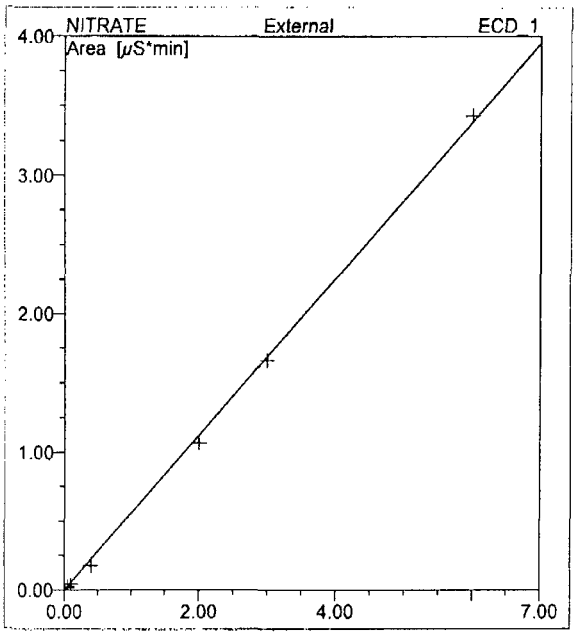


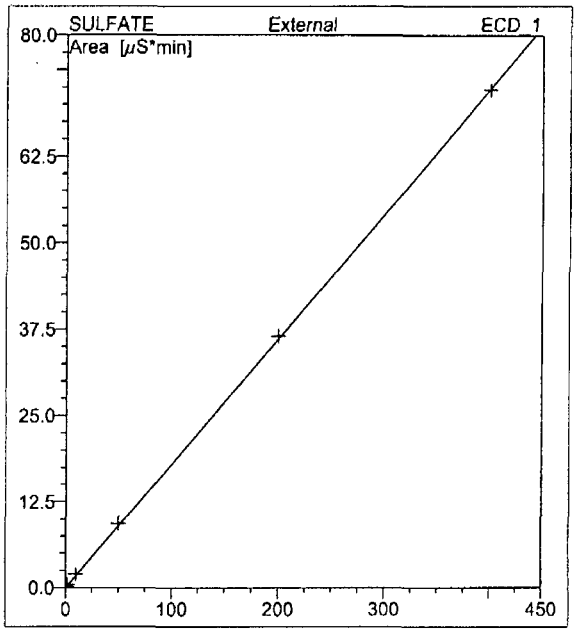
No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	3.24	FLUORIDE	Lin	6	99.9961	0.0000	0.4012	0.0000
2	4.77	CHLORIDE	Lin	7	99.9992	0.0000	0.2375	0.0000
3	6.00	NITRITE	Lin	7	99.9369	0.0000	0.6725	0.0000
4	6.91	SULFATE	Lin	7	99.9975	0.0000	0.1808	0.0000
5	8.95	BROMIDE	Lin	7	99.9209	0.0000	0.1180	0.0000
6	10.91	NITRATE	Lin	6	99.9783	0.0000	0.5643	0.0000
7	16.37	PHOSPHATE	Lin	7	99.9699	0.0000	0.3075	0.0000
Average:					99.9713	0.0000	0.3545	0.0000

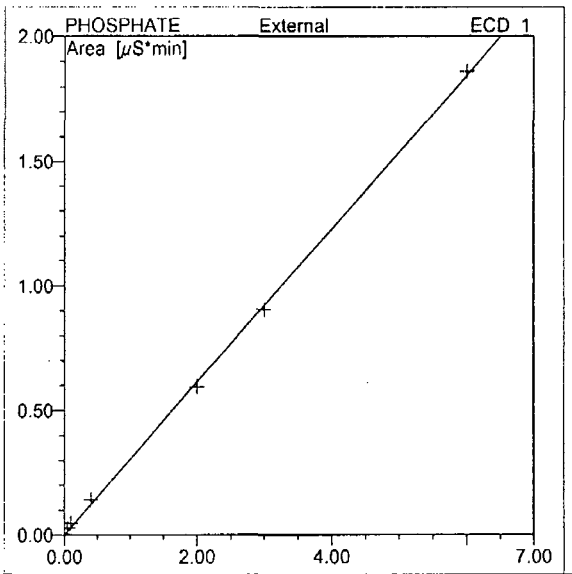
14.7

14

Operator:Chemistry Timebase:ACCUTEST_SYS#2 Sequence:210110101







No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	3.24	FLUORIDE	Lin	6	99.9961	0.0000	0.4012	0.0000
2	4.77	CHLORIDE	Lin	7	99.9992	0.0000	0.2375	0.0000
3	6.00	NITRITE	Lin	7	99.9369	0.0000	0.6725	0.0000
4	6.91	SULFATE	Lin	7	99.9975	0.0000	0.1808	0.0000
5	8.95	BROMIDE	Lin	7	99.9209	0.0000	0.1180	0.0000
6	10.91	NITRATE	Lin	6	99.9783	0.0000	0.5643	0.0000
7	16.37	PHOSPHATE	Lin	7	99.9699	0.0000	0.3075	0.0000
Average:					99.9713	0.0000	0.3545	0.0000

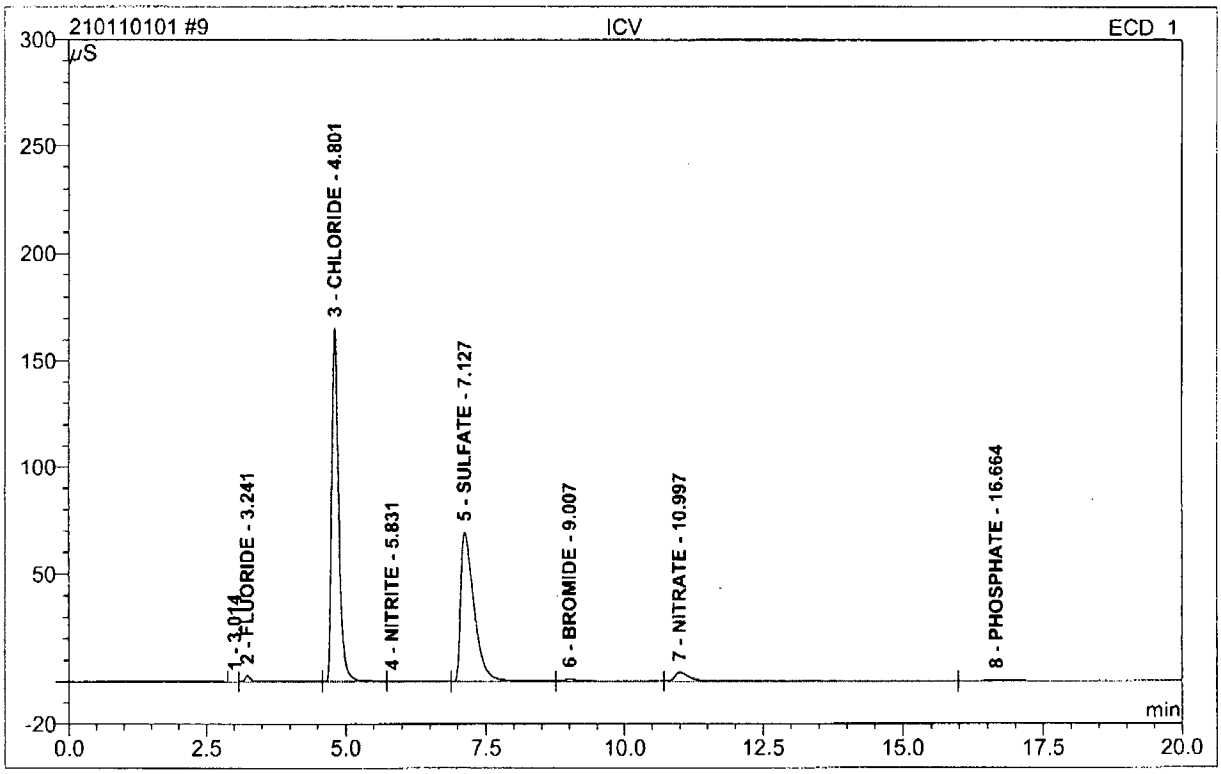
anions/Calibration(Curr.Peak)

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

14.7 14

9 ICV

Sample Name:	**ICV**	*Injection Volume:*	**20.0**
Vial Number:	**2**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 10:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount		Type	% Rec
1	3.01	n.a.	0.022	0.003	0.01		n.a.	BM	
2	3.24	FLUORIDE	2.971	0.391	0.84		0.975	M	
3	4.80	CHLORIDE	165.396	24.216	52.03	101.55	101.952	M	100.4
4	5.83	NITRITE	0.231	0.185	0.40		0.276	M	
5	7.13	SULFATE	69.267	19.504	41.90	103.17	107.882	M	104.6
6	9.01	BROMIDE	1.242	0.460	0.99		3.897	M	
7	11.00	NITRATE	4.179	1.414	3.04		2.507	M	
8	16.66	PHOSPHATE	0.571	0.371	0.80		1.205	MB	
Total:			243.878	46.544	100.00		218.694		

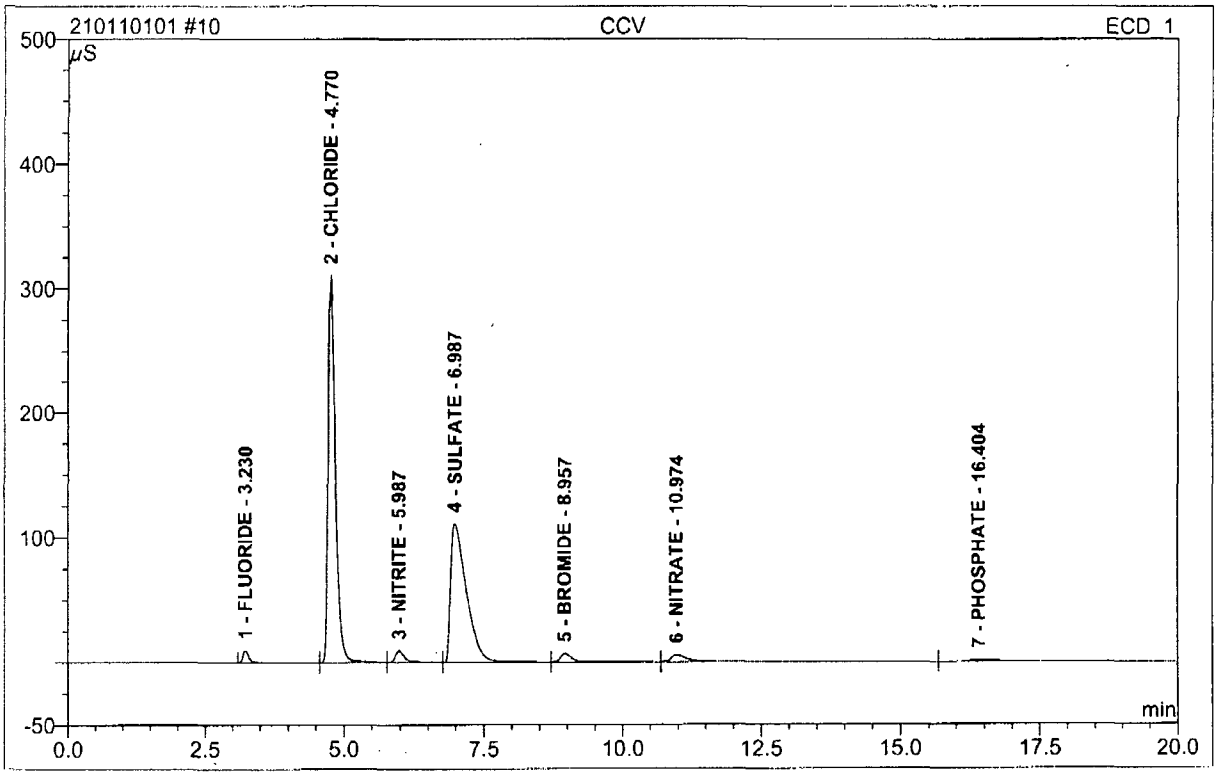
14.7 14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

10 CCV

Sample Name:	**CCV**	*Injection Volume:*	**20.0**
Vial Number:	**3**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 10:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type	% Rec
1	3.23	FLUORIDE	9.783	1.207	1.32	3.009	BM	
2	4.77	CHLORIDE	310.449	47.387	51.69	199.508	M	100.0
3	5.99	NITRITE	9.508	2.036	2.22	3.028	M	
4	6.99	SULFATE	111.119	36.516	39.83	201.976	M	101.0
5	8.96	BROMIDE	6.852	1.818	1.98	15.413	M	
6	10.97	NITRATE	5.459	1.843	2.01	3.266	M	
7	16.40	PHOSPHATE	1.342	0.869	0.95	2.824	MB	
Total:			454.512	91.676	100.00	429.024		

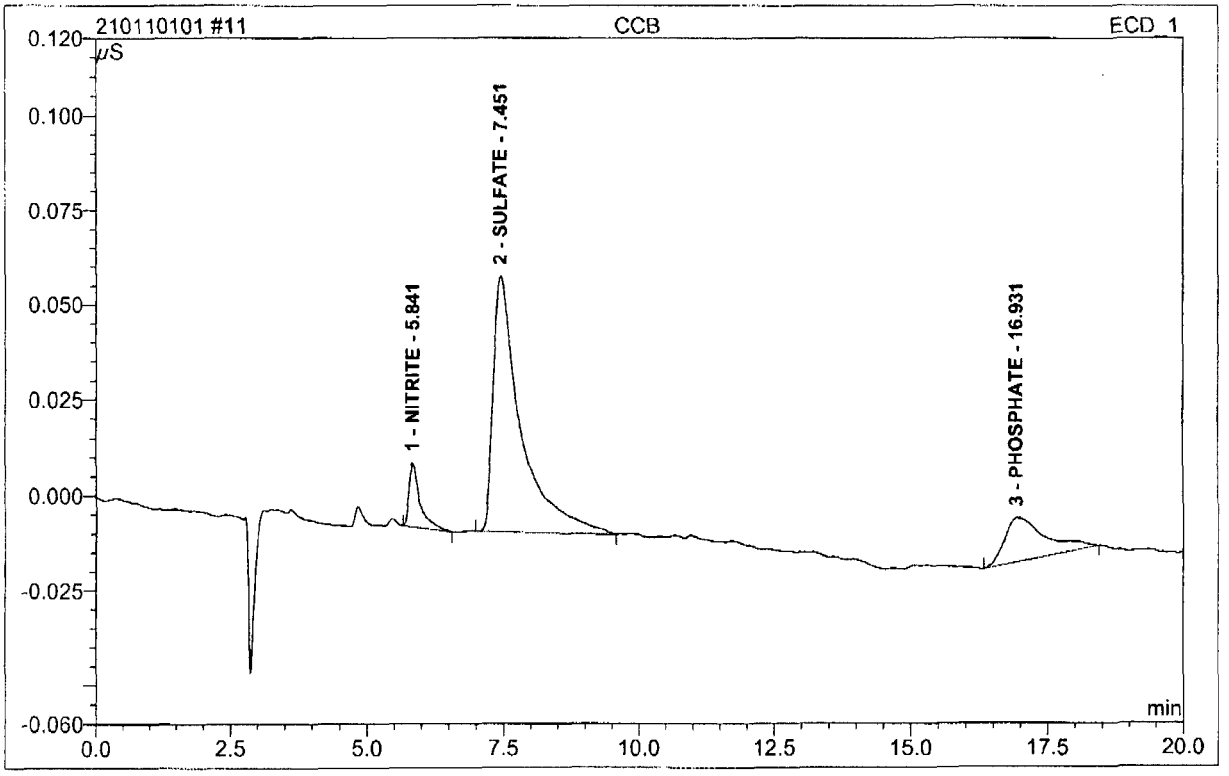
14.7 14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

11 CCB

Sample Name:	**CCB**	*Injection Volume:*	**20.0**
Vial Number:	**4**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 10:55**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**

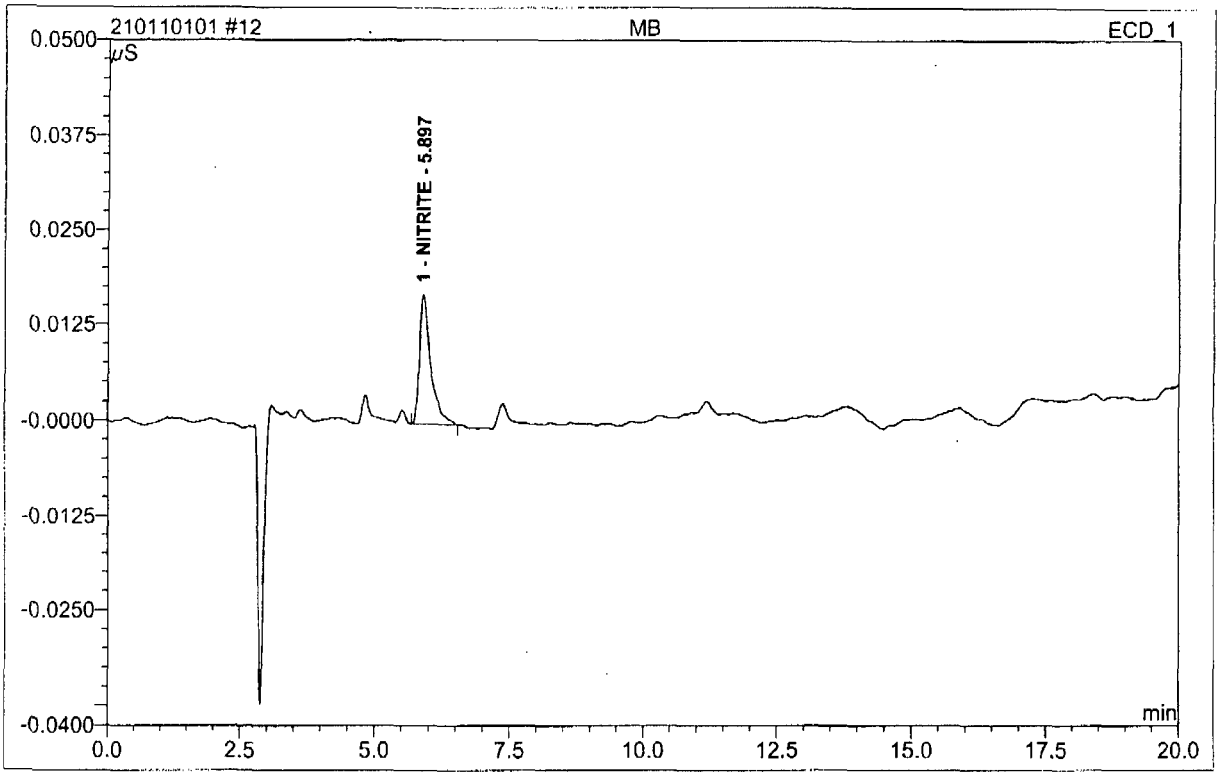


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.84	NITRITE	0.017	0.004	7.30	0.006	BMB
2	7.45	SULFATE	0.067	0.039	73.95	0.217	BMB
3	16.93	PHOSPHATE	0.012	0.010	18.76	0.032	BMB
Total:			0.095	0.053	100.00	0.256	

14.7 14

12 MB

Sample Name:	**MB**	*Injection Volume:*	**20.0**
Vial Number:	**5**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 11:19**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**

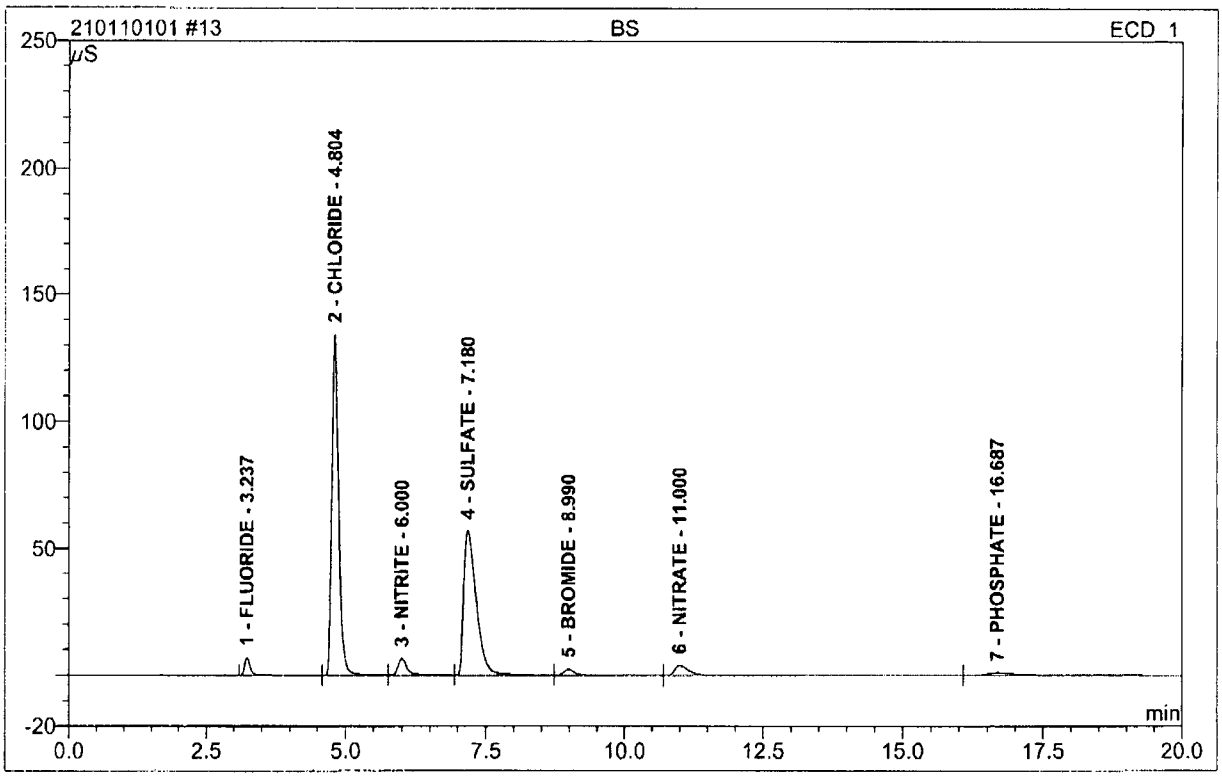


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.90	NITRITE	0.017	0.004	100.00	0.006	BMB
Total:			0.017	0.004	100.00	0.006	

Operator:Chemistry Timebase:ACCUTEST_SYS#2 Sequence:210110101

13 BS

Sample Name:	**BS**	*Injection Volume:*	**20.0**
Vial Number:	**6**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 11:43**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type	%Rec
1	3.24	FLUORIDE	6.864	0.818	2.12	2.039	BM	
2	4.80	CHLORIDE	134.382	19.093	49.43	80.386	M	100.5
3	6.00	NITRITE	6.484	1.308	3.39	1.944	M	
4	7.18	SULFATE	57.217	14.972	38.76	82.811	M	103.5
5	8.99	BROMIDE	2.330	0.625	1.62	5.296	M	
6	11.00	NITRATE	3.847	1.204	3.12	2.134	M	
7	16.69	PHOSPHATE	0.965	0.604	1.56	1.965	MB	
Total:			212.089	38.624	100.00	176.577		

14.7

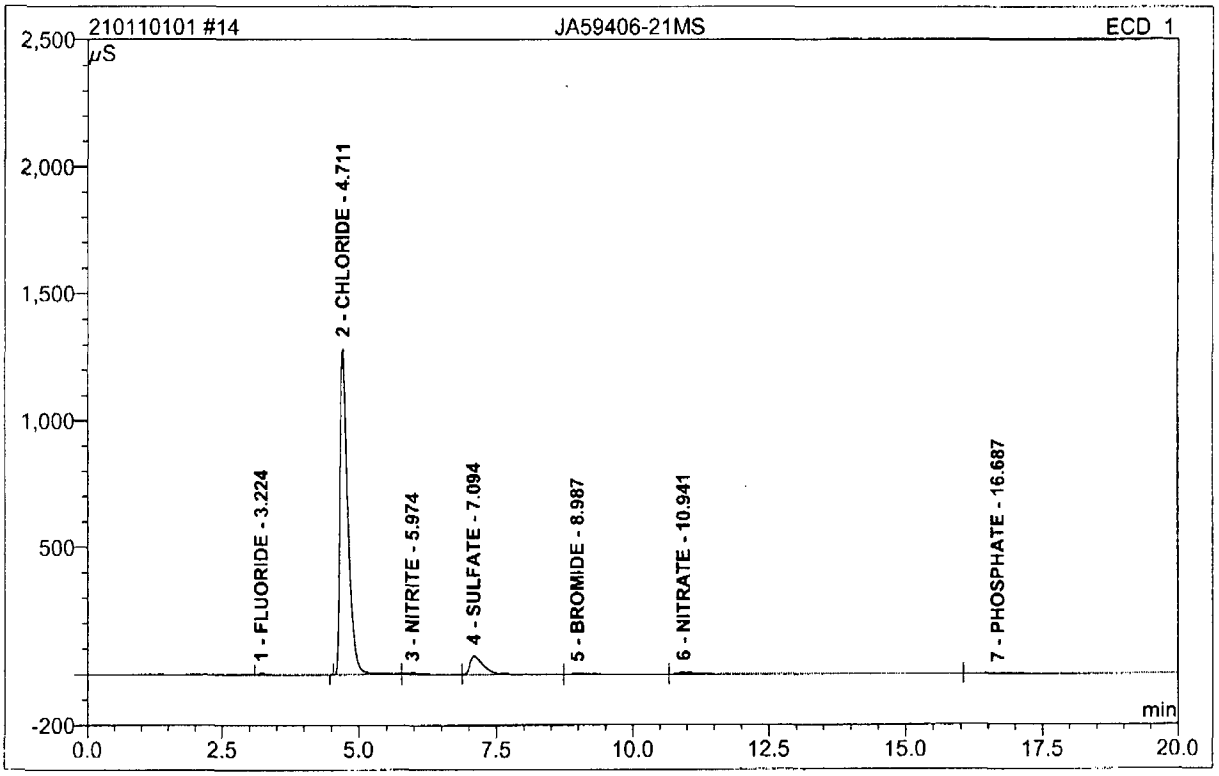
14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

14 JA59406-21MS

Sample Name:	**JA59406-21MS**	*Injection Volume:*	**20.0**
Vial Number:	**7**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 12:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.22	FLUORIDE	6.383	0.837	0.35	2.087	BMB
2	4.71	CHLORIDE	1284.890	212.477	88.13	894.568	BM
3	5.97	NITRITE	7.397	2.584	1.07	3.842	M
4	7.09	SULFATE	71.850	21.310	8.84	117.870	M
5	8.99	BROMIDE	2.673	0.997	0.41	8.448	M
6	10.94	NITRATE	6.480	2.259	0.94	4.004	M
7	16.69	PHOSPHATE	0.871	0.642	0.27	2.088	MB
Total:			1380.545	241.107	100.00	1032.907	

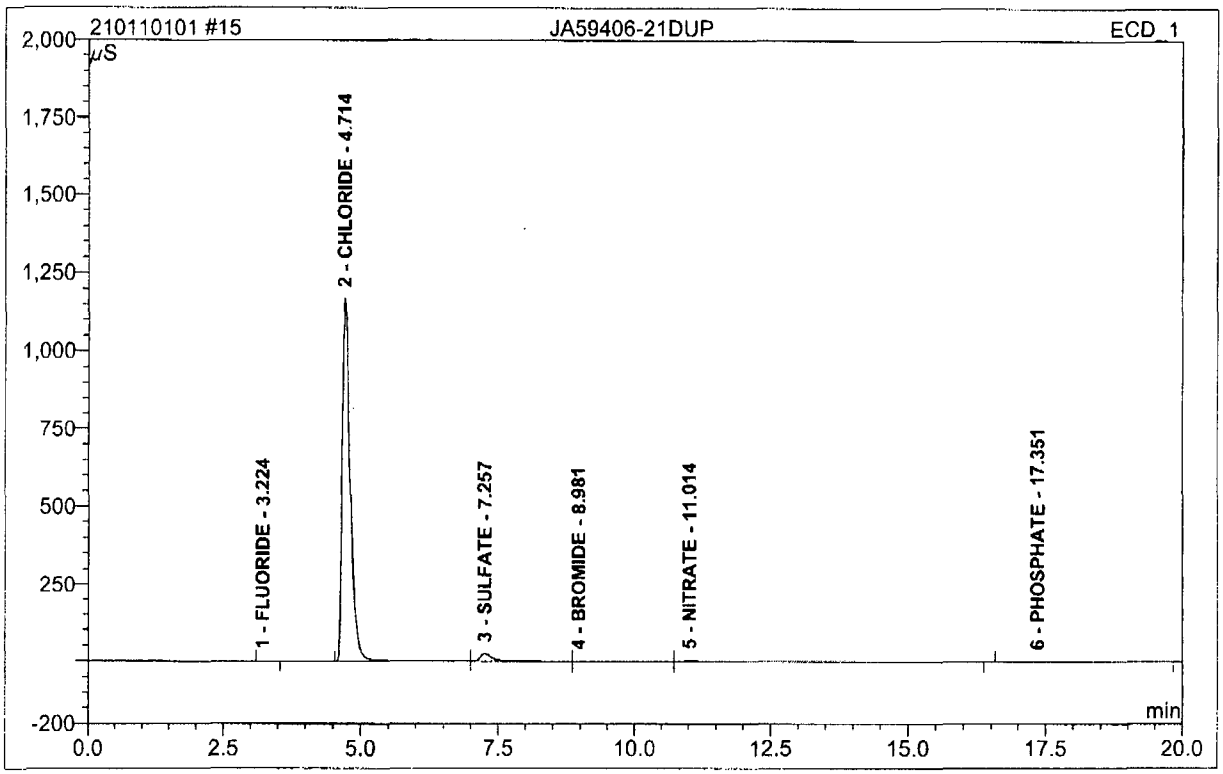
14.7 14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

15 JA59406-21DUP

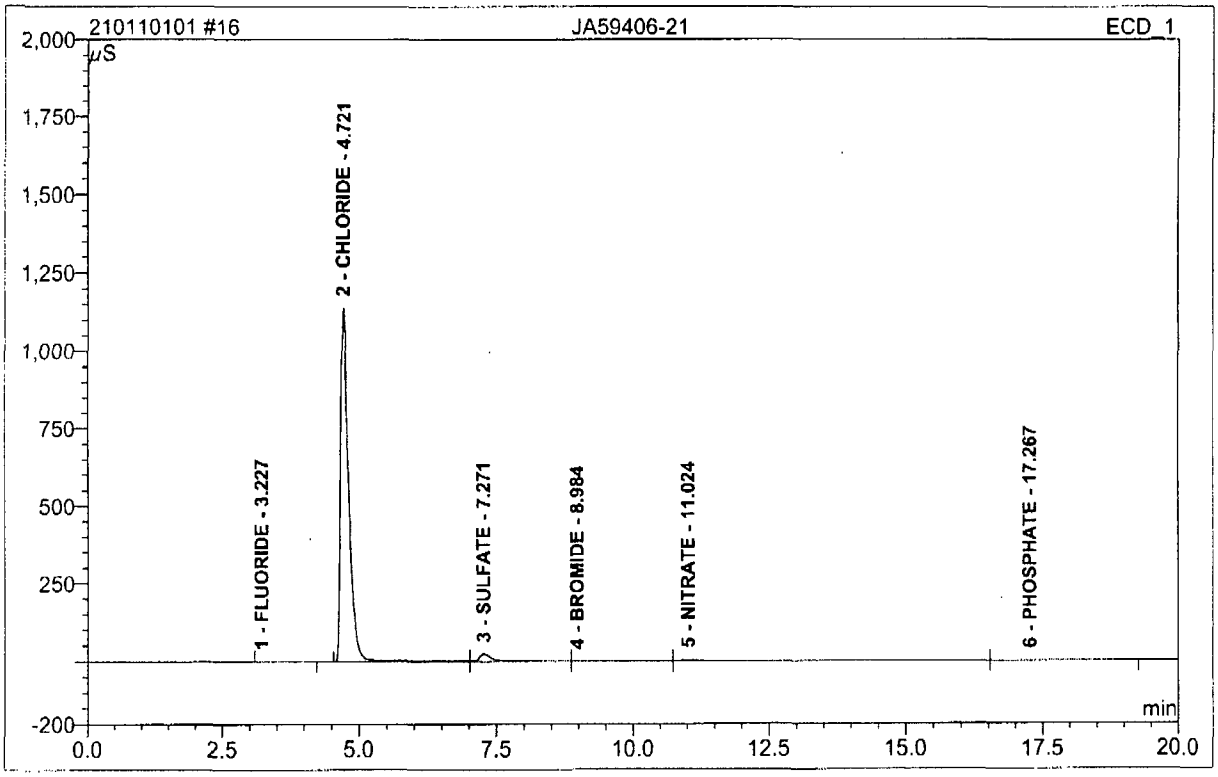
Sample Name:	**JA59406-21DUP**	*Injection Volume:*	**20.0**
Vial Number:	**8**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 12:30**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.22	FLUORIDE	0.105	0.014	0.01	0.035	BMB
2	4.71	CHLORIDE	1168.086	197.167	96.19	830.111	BM
3	7.26	SULFATE	23.750	6.387	3.12	35.330	M
4	8.98	BROMIDE	0.323	0.364	0.18	3.086	M
5	11.01	NITRATE	2.969	1.003	0.49	1.777	MB
6	17.35	PHOSPHATE	0.030	0.032	0.02	0.103	BMB
Total:			1195.263	204.967	100.00	870.443	

16 JA59406-21

Sample Name:	**JA59406-21**	*Injection Volume:*	**20.0**
Vial Number:	**9**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 12:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.23	FLUORIDE	0.103	0.017	0.01	0.042	BMB
2	4.72	CHLORIDE	1138.397	193.058	96.19	812.809	BM
3	7.27	SULFATE	23.256	6.254	3.12	34.591	M
4	8.98	BROMIDE	0.321	0.365	0.18	3.094	M
5	11.02	NITRATE	2.902	1.002	0.50	1.776	M
6	17.27	PHOSPHATE	0.016	0.019	0.01	0.062	MB
Total:			1164.995	200.715	100.00	852.373	

14.7

14

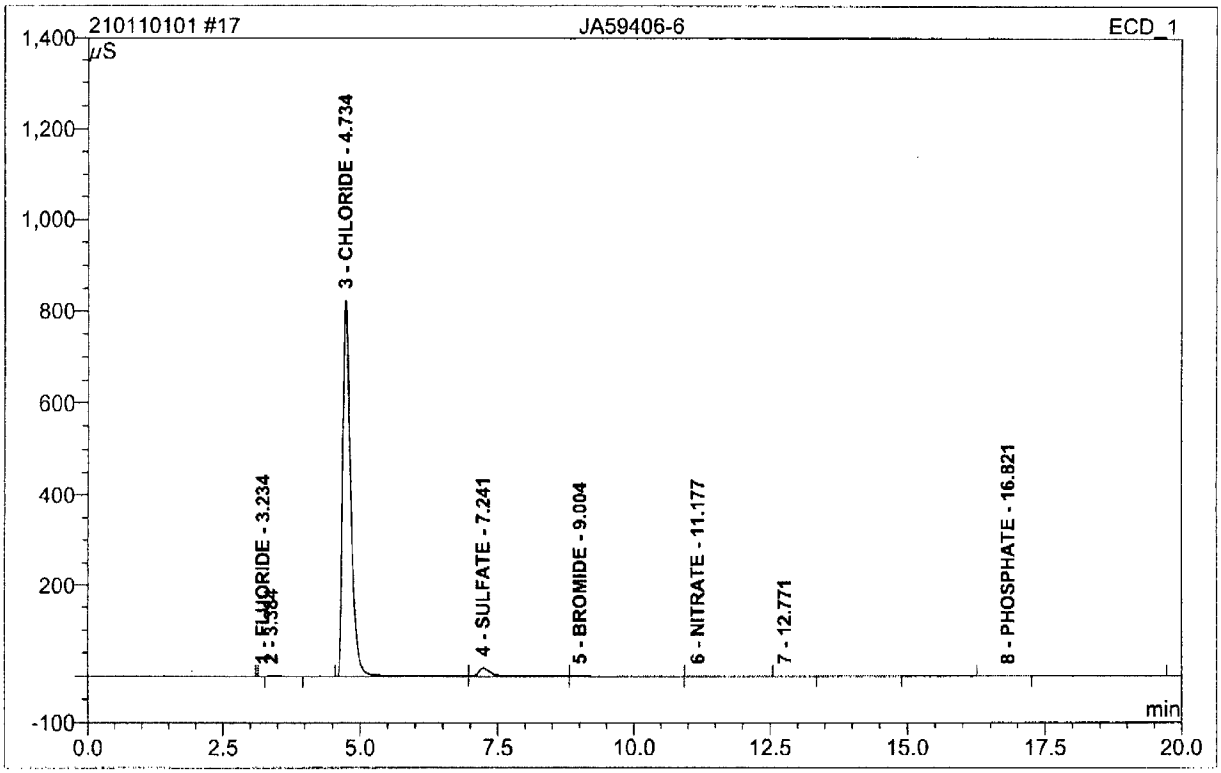
anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#2 Sequence:210110101

17 JA59406-6

Sample Name:	**JA59406-6**	*Injection Volume:*	**20.0**
Vial Number:	**10**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 13:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.23	FLUORIDE	0.056	0.004	0.00	0.010	Ru
2	3.38	n.a.	0.863	0.168	0.12	n.a.	BMB
3	4.73	CHLORIDE	825.285	139.290	96.45	586.437	BM
4	7.24	SULFATE	17.268	4.554	3.15	25.187	M
5	9.00	BROMIDE	0.262	0.285	0.20	2.415	M
6	11.18	NITRATE	0.140	0.109	0.08	0.194	MB
7	12.77	n.a.	0.004	0.002	0.00	n.a.	Rd
8	16.82	PHOSPHATE	0.003	0.001	0.00	0.005	BMB
9	20.34	n.a.	0.002	0.001	0.00	n.a.	BMB
Total:			843.884	144.414	100.00	614.248	

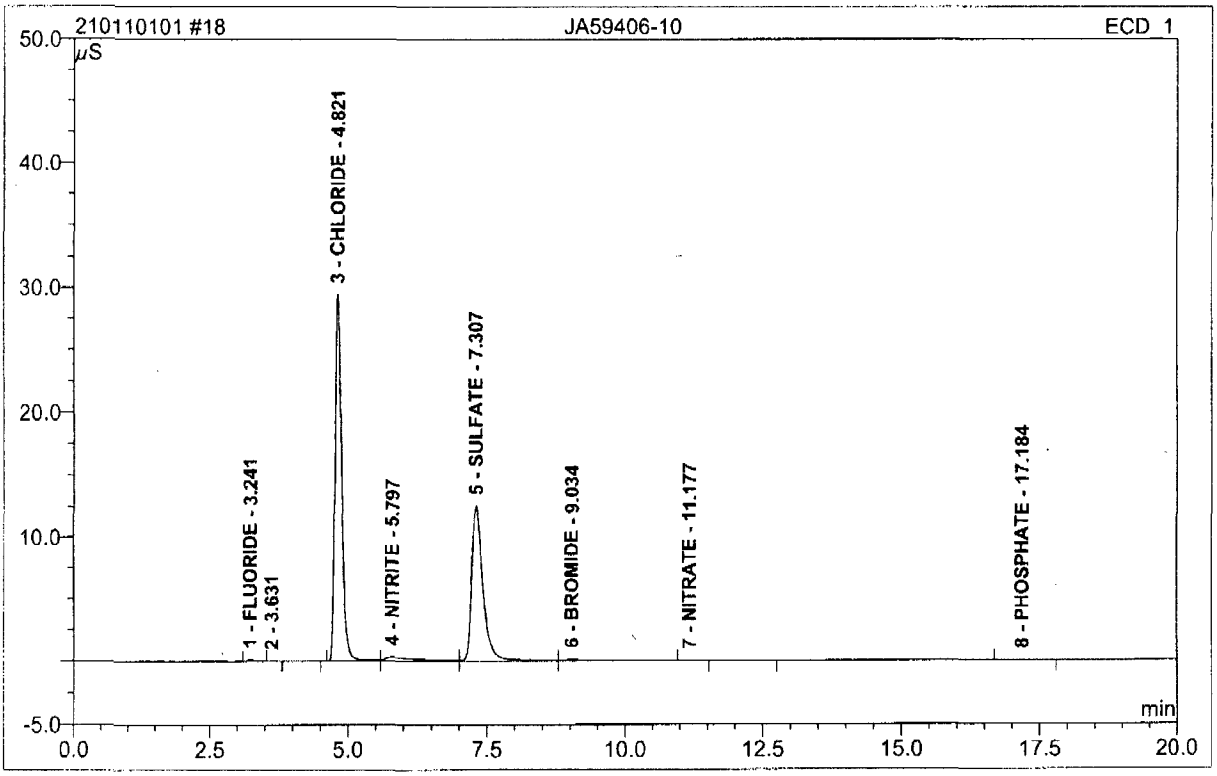
anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#2 Sequence:210110101

18 JA59406-10

Sample Name:	**JA59406-10**	*Injection Volume:*	**20.0**
Vial Number:	**11**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 13:42**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	FLUORIDE	0.122	0.023	0.31	0.057	BMB
2	3.63	n.a.	0.009	0.001	0.02	n.a.	Rd
3	4.82	CHLORIDE	29.429	4.053	55.56	17.063	BM
4	5.80	NITRITE	0.308	0.201	2.75	0.298	M
5	7.31	SULFATE	12.571	2.953	40.49	16.335	M
6	9.03	BROMIDE	0.095	0.061	0.83	0.514	MB
7	11.18	NITRATE	0.004	0.001	0.01	0.002	Rd
8	17.18	PHOSPHATE	0.003	0.002	0.03	0.006	BMB
Total:			42.541	7.294	100.00	34.275	

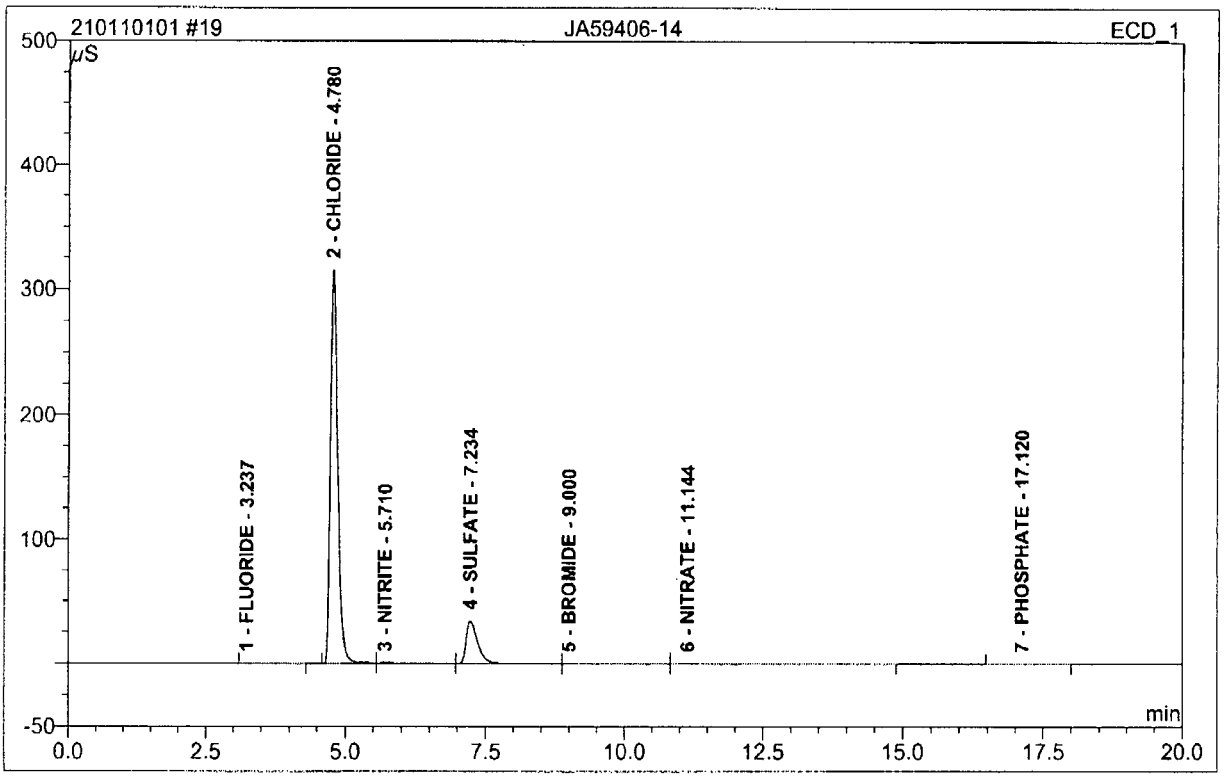
anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

14.7 14

19 JA59406-14

Sample Name:	**JA59406-14**	*Injection Volume:*	**20.0**
Vial Number:	**12**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 14:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	FLUORIDE	0.254	0.038	0.07	0.095	BMB
2	4.78	CHLORIDE	315.091	47.551	83.78	200.197	BM
3	5.71	NITRITE	0.665	0.558	0.98	0.830	M
4	7.23	SULFATE	33.871	8.340	14.69	46.129	M
5	9.00	BROMIDE	0.119	0.129	0.23	1.098	M
6	11.14	NITRATE	0.310	0.135	0.24	0.239	MB
7	17.12	PHOSPHATE	0.004	0.003	0.01	0.010	BMB
Total:			350.313	56.754	100.00	248.597	

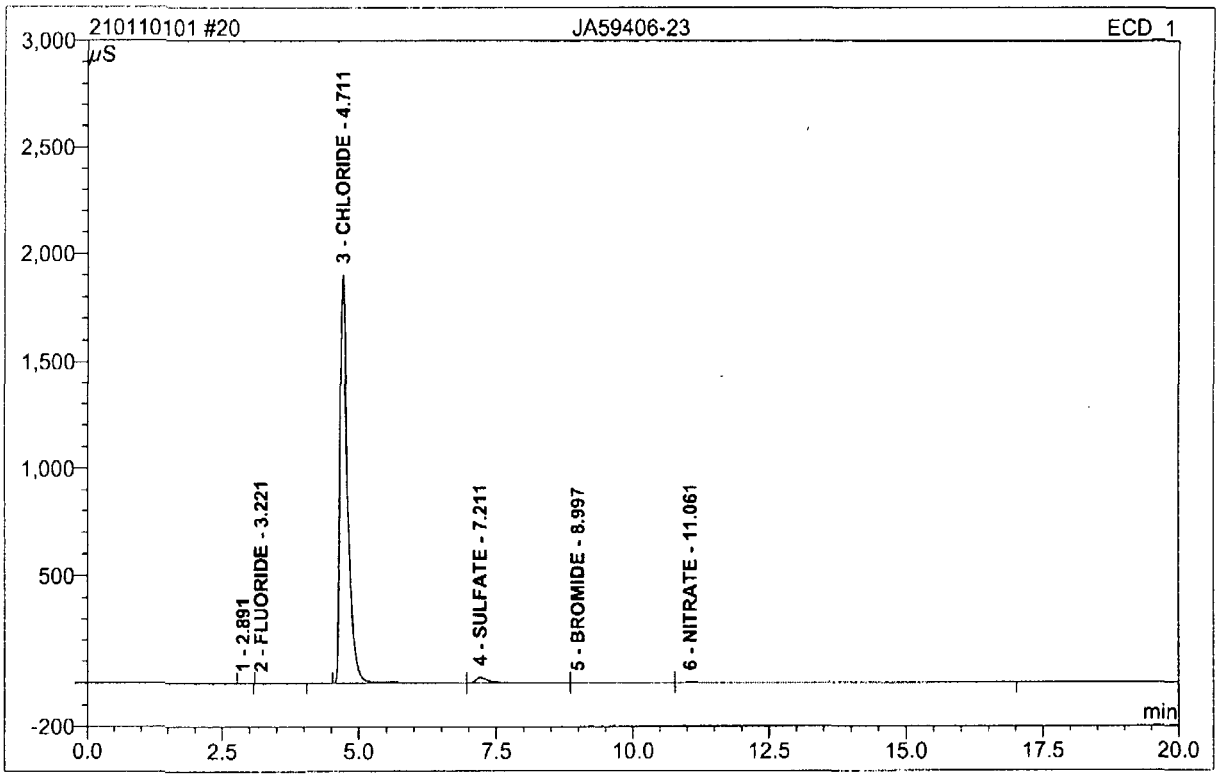
anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#2 Sequence:210110101

20 JA59406-23

Sample Name:	**JA59406-23**	*Injection Volume:*	**20.0**
Vial Number:	**13**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 14:30**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.89	n.a.	0.015	0.002	0.00	n.a.	BMB
2	3.22	FLUORIDE	0.123	0.019	0.01	0.048	BMB
3	4.71	CHLORIDE	1904.435	307.858	97.16	1296.138	BM
4	7.21	SULFATE	25.609	7.487	2.36	41.409	M
5	9.00	BROMIDE	0.556	0.618	0.20	5.241	M
6	11.06	NITRATE	2.156	0.867	0.27	1.537	MB
Total:			1932.893	316.851	100.00	1344.372	

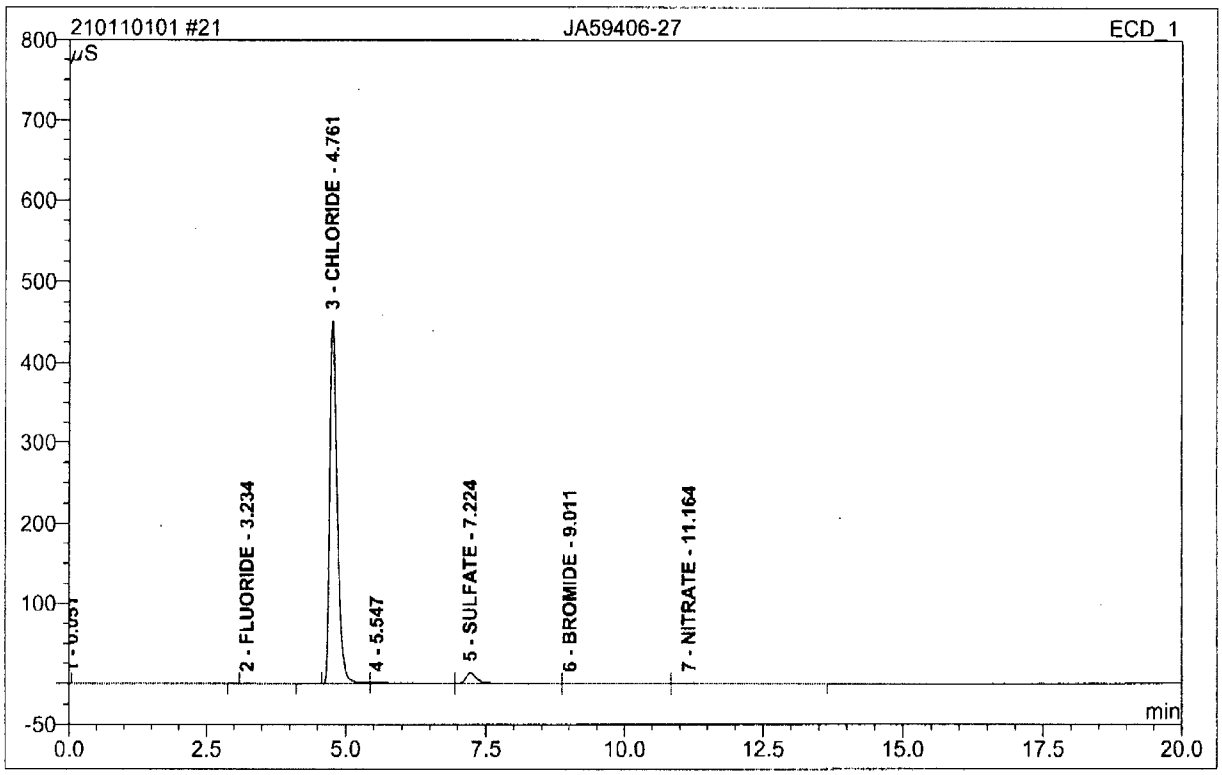
14.7 14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

21 JA59406-27

Sample Name:	**JA59406-27**	*Injection Volume:*	**20.0**
Vial Number:	**14**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 14:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.05	n.a.	0.000	0.025	0.03	n.a.	BMB
2	3.23	FLUORIDE	0.435	0.059	0.08	0.147	BMB
3	4.76	CHLORIDE	451.642	70.177	93.92	295.457	BM
4	5.55	n.a.	1.056	0.924	1.24	n.a.	M
5	7.22	SULFATE	13.338	3.294	4.41	18.220	M
6	9.01	BROMIDE	0.128	0.141	0.19	1.194	M
7	11.16	NITRATE	0.260	0.103	0.14	0.183	MB
Total:			466.858	74.722	100.00	315.200	

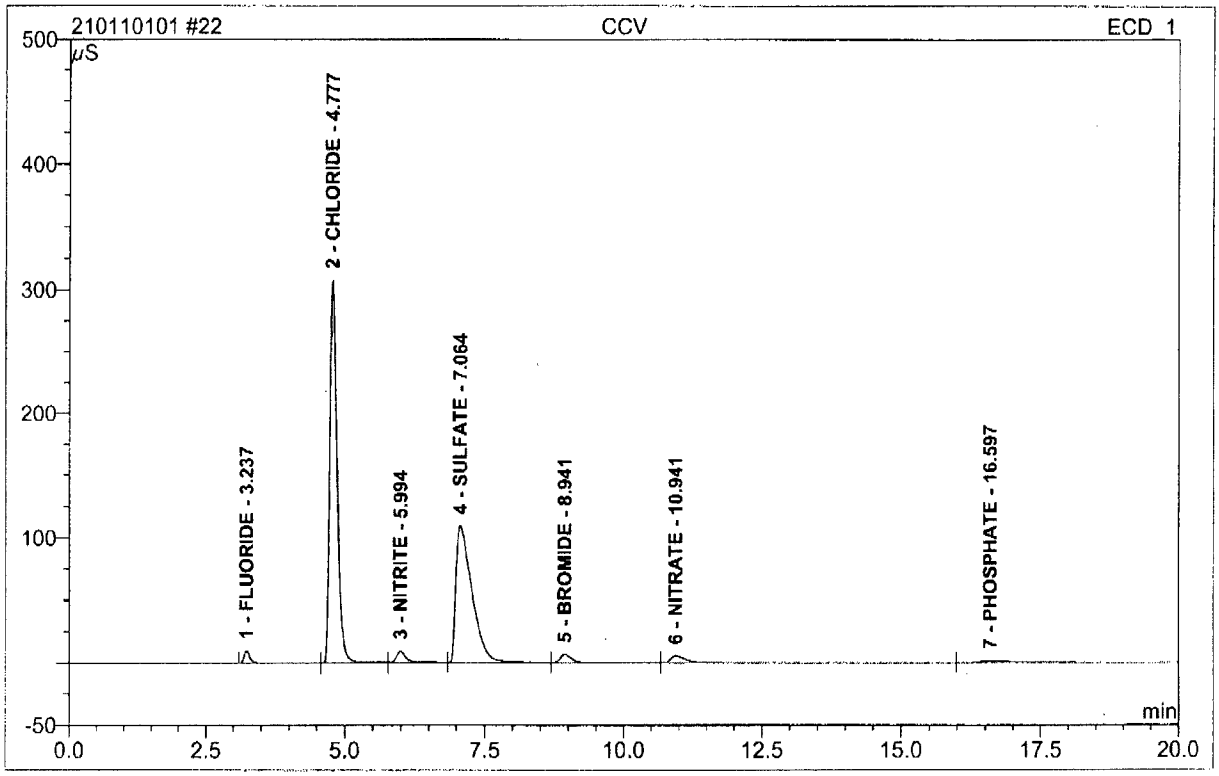
14.7 14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

22 CCV

Sample Name:	**CCV**	*Injection Volume:*	**20.0**
Vial Number:	**15**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 15:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type	% Rec
1	3.24	FLUORIDE	9.821	1.234	1.34	3.077	BM	
2	4.78	CHLORIDE	308.028	46.948	51.01	197.660	M	99.0
3	5.99	NITRITE	9.587	2.101	2.28	3.125	M	
4	7.06	SULFATE	109.799	36.880	40.07	203.988	M	102.0
5	8.94	BROMIDE	6.992	1.897	2.06	16.079	M	
6	10.94	NITRATE	5.587	1.925	2.09	3.411	M	
7	16.60	PHOSPHATE	1.522	1.058	1.15	3.442	MB	
Total:			451.336	92.044	100.00	430.782		

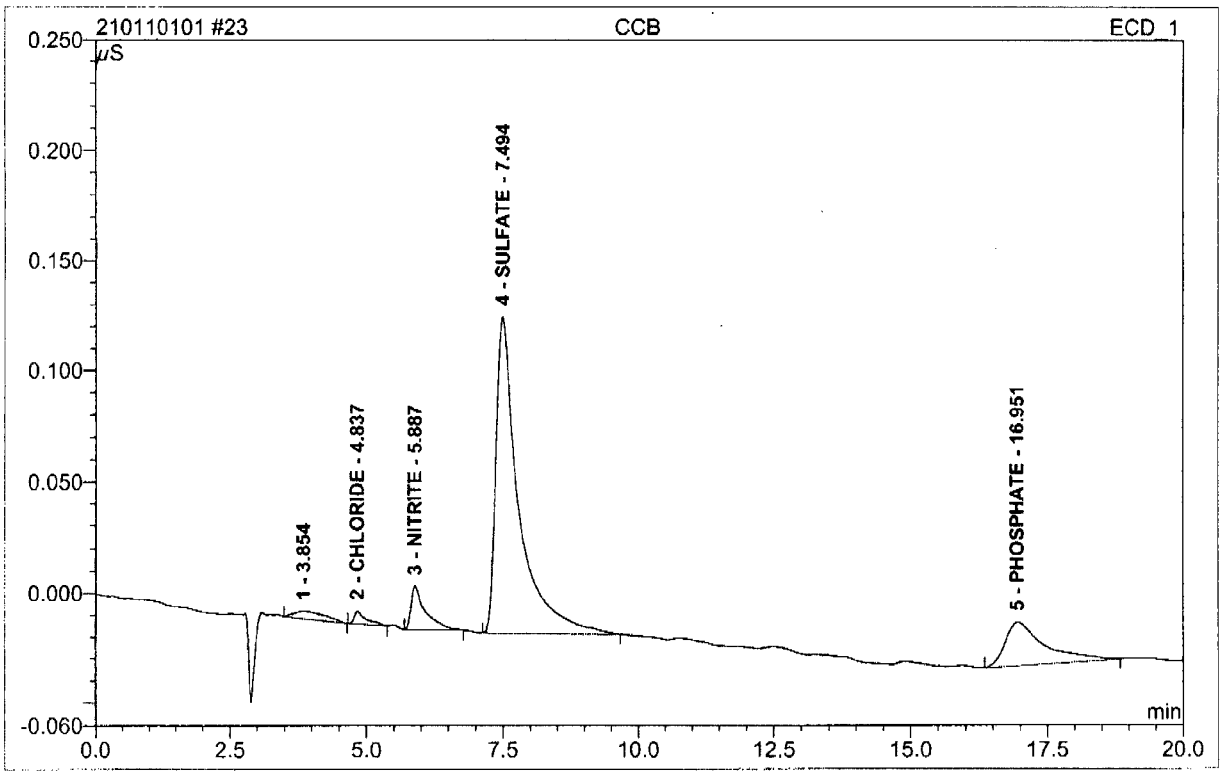
14.7 14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

23 CCB

Sample Name:	**CCB**	*Injection Volume:*	**20.0**
Vial Number:	**16**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 15:42**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



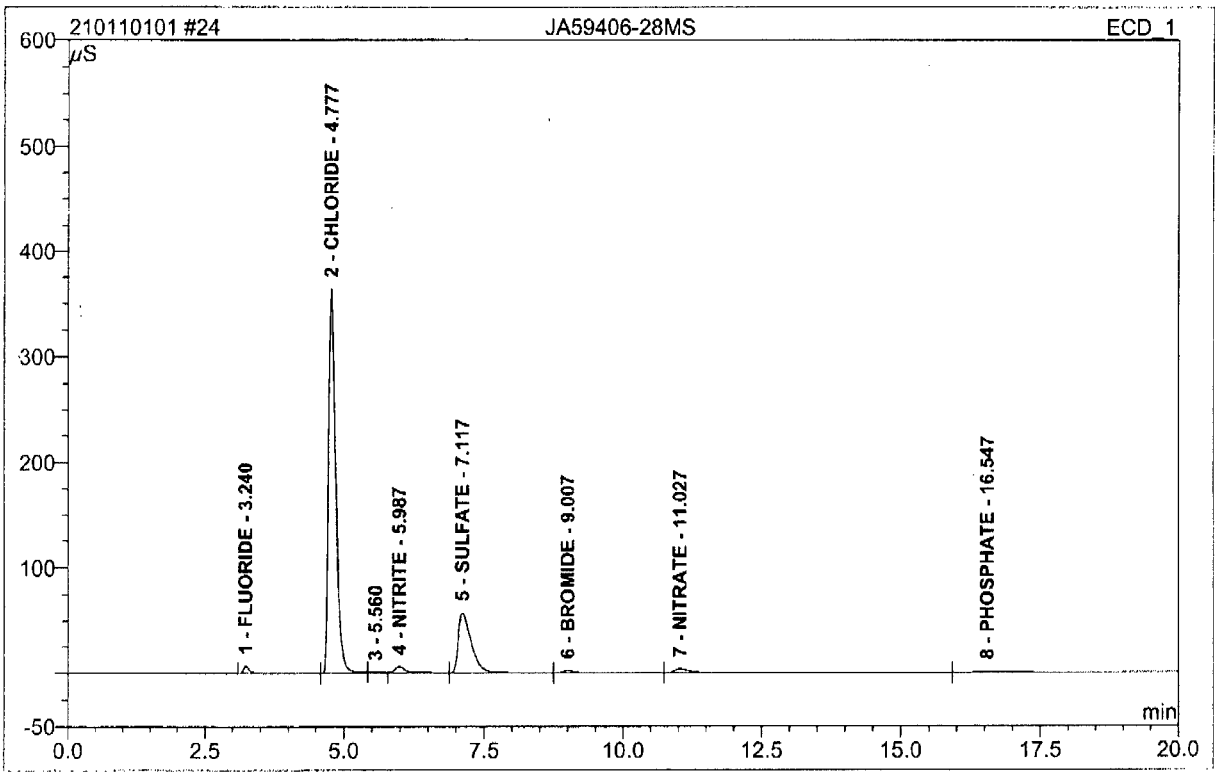
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.85	n.a.	0.003	0.002	2.48	n.a.	BMB
2	4.84	CHLORIDE	0.006	0.001	1.54	0.006	BMB
3	5.89	NITRITE	0.020	0.006	6.30	0.009	BMB
4	7.49	SULFATE	0.143	0.069	72.48	0.384	BMB
5	16.95	PHOSPHATE	0.020	0.016	17.20	0.054	BMB
Total:			0.192	0.096	100.00	0.453	

14.7

14

24 JA59406-28MS

Sample Name:	**JA59406-28MS**	*Injection Volume:*	**20.0**
Vial Number:	**17**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 16:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	FLUORIDE	6.864	0.892	1.17	2.223	BM
2	4.78	CHLORIDE	364.152	55.029	72.00	231.681	M
3	5.56	n.a.	0.188	0.040	0.05	n.a.	Ru
4	5.99	NITRITE	6.371	1.987	2.60	2.955	M
5	7.12	SULFATE	57.617	15.742	20.60	87.070	M
6	9.01	BROMIDE	2.431	0.744	0.97	6.304	M
7	11.03	NITRATE	3.868	1.251	1.64	2.217	M
8	16.55	PHOSPHATE	0.972	0.750	0.98	2.437	MB
Total:			442.463	76.433	100.00	334.887	

14.7 14

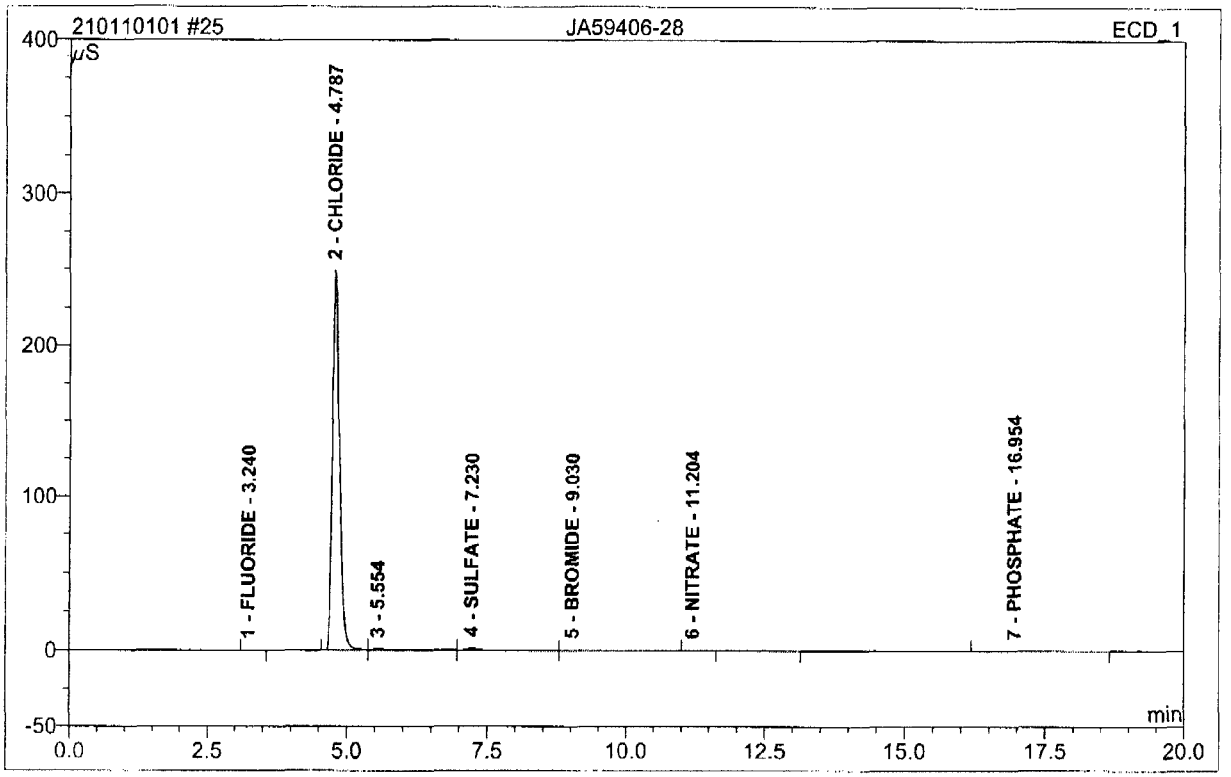
anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

Operator:Chemistry Timebase:ACCUTEST_SYS#2 Sequence:210110101

25 JA59406-28

Sample Name:	**JA59406-28**	*Injection Volume:*	**20.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 16:30**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	FLUORIDE	0.234	0.029	0.08	0.073	BMB
2	4.79	CHLORIDE	248.844	36.328	96.32	152.948	BM
3	5.55	n.a.	0.828	0.711	1.88	n.a.	M
4	7.23	SULFATE	1.415	0.510	1.35	2.820	M
5	9.03	BROMIDE	0.084	0.114	0.30	0.969	MB
6	11.20	NITRATE	0.004	0.001	0.00	0.002	Rd
7	16.95	PHOSPHATE	0.021	0.023	0.06	0.073	BMB
Total:			251.431	37.716	100.00	156.886	

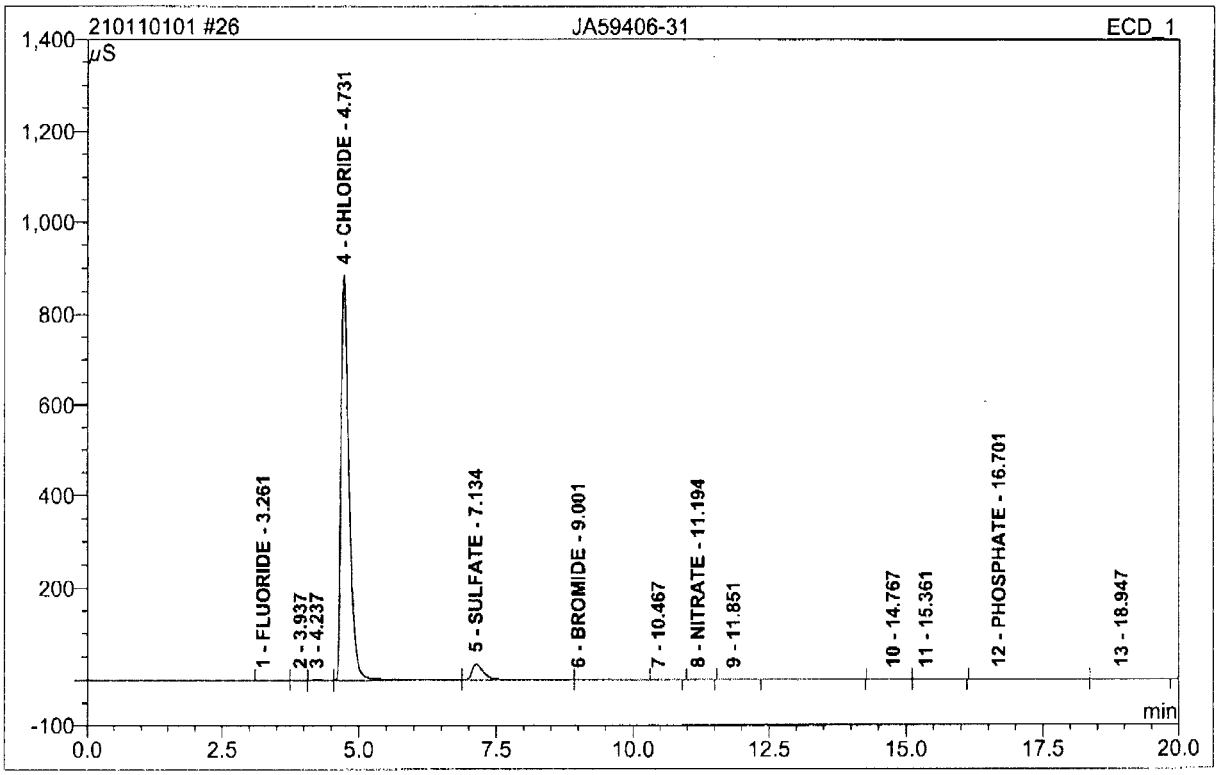
14.7 14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

26 JA59406-31

Sample Name:	**JA59406-31**	*Injection Volume:*	**20.0**
Vial Number:	**19**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 16:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.26	FLUORIDE	0.190	0.047	0.03	0.118	BMB
2	3.94	n.a.	0.012	0.002	0.00	n.a.	bMB
3	4.24	n.a.	0.416	0.069	0.04	n.a.	BM
4	4.73	CHLORIDE	883.962	148.591	93.95	625.596	M
5	7.13	SULFATE	34.264	9.013	5.70	49.852	M
6	9.00	BROMIDE	0.260	0.392	0.25	3.324	MB
7	10.47	n.a.	0.010	0.004	0.00	n.a.	Rd
8	11.19	NITRATE	0.019	0.005	0.00	0.008	Rd
9	11.85	n.a.	0.028	0.011	0.01	n.a.	Rd
10	14.77	n.a.	0.013	0.006	0.00	n.a.	BM
11	15.36	n.a.	0.011	0.006	0.00	n.a.	MB

14.7

14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

12	16.70	PHOSPHATE	0.015	0.016	0.01	0.051	BMB
13	18.95	n.a.	0.008	0.005	0.00	n.a.	BMB
Total:			919.208	158.167	100.00	678.949	

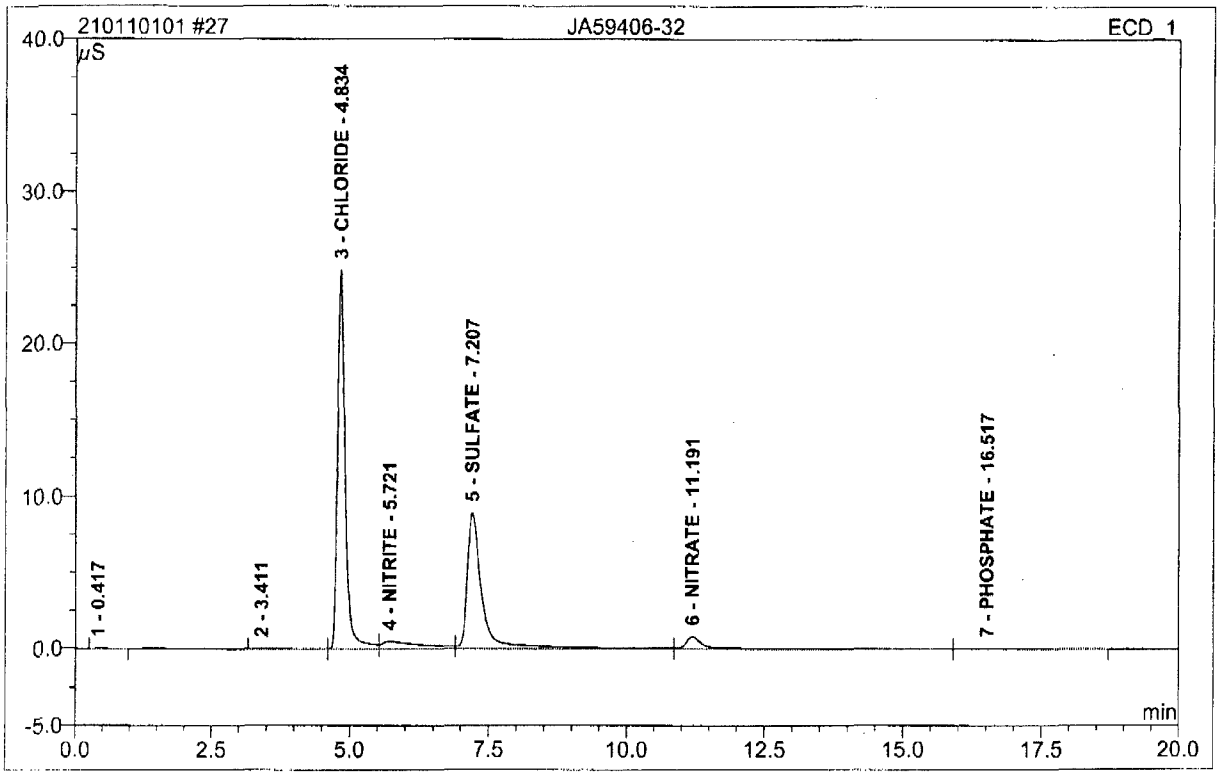
14.7 14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)

27 JA59406-32

Sample Name:	**JA59406-32**	*Injection Volume:*	**20.0**
Vial Number:	**20**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Anions2_ASDV**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS2**	*Dilution Factor:*	**1.0000**
Recording Time:	**11/1/2010 17:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**21.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.42	n.a.	0.007	0.002	0.03	n.a.	BMB
2	3.41	n.a.	0.016	0.012	0.16	n.a.	BMB
3	4.83	CHLORIDE	24.840	3.988	52.36	16.790	bM
4	5.72	NITRITE	0.487	0.400	5.25	0.594	M
5	7.21	SULFATE	8.932	2.834	37.21	15.673	M
6	11.19	NITRATE	0.811	0.358	4.70	0.634	M
7	16.52	PHOSPHATE	0.017	0.022	0.29	0.072	MB
Total:			35.109	7.616	100.00	33.764	

14.7

14

anions/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.80 SR9a Build 2680 (163077)