NYC 9/11 Public Portal Document

WTC samples

1/29/02 FT

BLK	110
5STD	163
IPC + CB	164
LFB + LRB	165
31276 + Lab Dup + Spk	CB + IPC
31277	31492 } CO_3 + Hardness
31340	31528 } only
31339	AE01163 } return for
31341	64 } TC
AE00003	65
27	66
28	IPC + CB
100	#1 Sleeping Hollow } check
101	#2 Filter } only
IPC + CB	
102 - Lab Dup + Spk	
104	
105	
106	
108	
109	

Reviewed by,
03/15/02

NYC-WTC_000084892

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Standardization Rpt. 01/29/02 11:34:28 AM

Method: IECW Standard: STD1-Blank
Run Time: 01/29/02 11:32:45

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	1.291	3.680	.3480	.2485	.1470	.1900	3.820
SDev	.005	.015	.0223	.0010	.0011	.0000	.015
%RSD	.3899	.4186	6.417	.4024	.7855	.0000	.4018
#1	1.296	3.696	.3240	.2480	.1460	.1900	3.828
#2	1.292	3.670	.3540	.2480	.1460	.1900	3.812
#3	1.284	3.664	.3380	.2480	.1480	.1900	3.804
#4	1.292	3.690	.3760	.2500	.1480	.1900	3.838

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.2565	2.283	.8945	.5640	.0015	5.304	1.224
SDev	.0044	.011	.0044	.0016	.0019	.007	.008
%RSD	1.729	.4974	.4958	.2895	127.7	.1246	.6308
#1	.2580	2.276	.8980	.5660	.0000	5.308	1.228
#2	.2540	2.290	.8880	.5640	.0000	5.296	1.214
#3	.2520	2.272	.8960	.5640	.0020	5.300	1.232
#4	.2620	2.296	.8960	.5620	.0040	5.310	1.224

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0855	.1060	1.962	.4910	.6420	.1235	.1080
SDev	.0010	.0016	.016	.0106	.0052	.0041	.0023
%RSD	1.170	1.541	.8215	2.168	.8044	3.339	2.138
#1	.0860	.1080	1.978	.4900	.6400	.1200	.1100
#2	.0840	.1040	1.960	.5040	.6480	.1280	.1060
#3	.0860	.1060	1.940	.4780	.6360	.1200	.1060
#4	.0860	.1060	1.968	.4920	.6440	.1260	.1100

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.461	.1255	.6475	.1320
SDev	.004	.0105	.0019	.0028
%RSD	.2621	8.370	.2957	2.143
#1	1.464	.1320	.6480	.1360
#2	1.464	.1100	.6460	.1320
#3	1.456	.1320	.6500	.1300
#4	1.460	.1280	.6460	.1300

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Method: IECW Standard: STD6
Run Time: 01/29/02 11:34:58

Elem	Ag3280
Avge	39.32
SDev	.12
%RSD	.2992
#1	39.27
#2	39.30
#3	39.49
#4	39.22

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Standardization Rpt. 01/29/02 11:39:11 AM

Method: IECW Standard: STD3
Run Time: 01/29/02 11:37:28

Elem	Al3082	Be3130	Fe2599	Mo2020	Na5889	Ni2316	Sb2068
Avge	20.85	206.0	12.00	4.339	11.90	14.02	1.122
SDev	.03	.6	.03	.033	.03	.03	.008
%RSD	.1417	.3011	.2558	.7501	.2180	.2327	.6881
#1	20.81	205.2	11.96	4.302	11.87	13.98	1.114
#2	20.88	206.7	12.03	4.324	11.90	14.02	1.118
#3	20.85	206.0	12.01	4.358	11.93	14.03	1.128
#4	20.85	206.0	12.02	4.374	11.89	14.06	1.130

Elem	Tl1908
Avge	.7845
SDev	.0180
%RSD	2.293
#1	.7700
#2	.8020
#3	.7980
#4	.7680

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Standardization Rpt. 01/29/02 11:41:34 AM

Method: IECW Standard: STD4
Run Time: 01/29/02 11:40:12

Elem	As1936	B_2496	Cr2677	Se1960	Si2881
Avge	3.790	32.14	40.98	.6845	5.130
SDev	.056	.07	.09	.0096	.012
%RSD	1.473	.2293	.2318	1.399	.2403
#1	3.784	32.05	40.87	.6800	5.112
#2	3.798	32.14	40.94	.6980	5.138
#3	3.858	32.23	41.00	.6760	5.138
#4	3.722	32.15	41.10	.6840	5.132

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Standardization Rpt. 01/29/02 11:44:20 AM

Method: IECW Standard: STD2
Run Time: 01/29/02 11:42:58

Elem	Ba4934	Ca3179	Cd2288	Co2286	Cu3247	K_7664	Mg2790
Avge	27.65	84.35	30.94	108.0	23.99	10.66	6.850
SDev	.11	.33	.10	.4	.11	.04	.027
%RSD	.4157	.3904	.3169	.4160	.4378	.3497	.3924
#1	27.56	83.86	30.86	107.4	23.91	10.60	6.828
#2	27.70	84.57	30.92	108.2	24.02	10.68	6.878
#3	27.79	84.51	31.08	108.4	24.13	10.67	6.868
#4	27.55	84.45	30.89	108.0	23.92	10.67	6.826

Elem	Mn2576	Pb2203	Zn2138
Avge	25.18	4.637	22.62
SDev	.09	.009	.09
%RSD	.3386	.2035	.3882
#1	25.06	4.630	22.50
#2	25.21	4.630	22.65
#3	25.24	4.650	22.71
#4	25.23	4.636	22.64

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Method: IECW Standard: STD5
Run Time: 01/29/02 11:45:32

Elem	V_2924
Avge	28.15
SDev	.06
%RSD	.2288
#1	28.11
#2	28.21
#3	28.08
#4	28.20

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Analysis Report 01/29/02 11:49:51 AM

Method: IECW Sample Name: ipc Operator: it
Run Time: 01/29/02 11:48:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.5495	1.041	.0518	.9743	1.007	.9911	1.003
SDev	.0035	.010	.0420	.0016	.003	.0046	.006
%RSD	.6367	.9137	81.07	.1603	.2889	.4599	.5645
#1	.5446	1.032	.0839	.9723	1.002	.9845	.9965
#2	.5525	1.048	.0314	.9748	1.008	.9942	1.007
#3	.5514	1.051	.0894	.9760	1.008	.9940	1.008
#4	.5493	1.034	.0025	.9741	1.008	.9918	1.000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.009	1.006	.9771	.9902	1.018	.2896	.9862
SDev	.003	.005	.0024	.0042	.005	.1792	.0185
%RSD	.3312	.4946	.2445	.4281	.5175	61.88	1.870
#1	1.012	.9990	.9739	.9842	1.012	.0467	.9693
#2	1.011	1.011	.9793	.9936	1.023	.3831	.9729
#3	1.005	1.007	.9783	.9902	1.017	.4578	1.008
#4	1.007	1.007	.9768	.9927	1.022	.2709	.9942

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9998	1.012	.9872	1.023	1.016	.9354	<.0000
SDev	.0042	.007	.0270	.014	.013	.0624	.0283
%RSD	.4192	.7005	2.733	1.343	1.238	6.674	70.81
#1	.9938	1.006	.9681	1.017	1.004	.8451	<.0000
#2	1.003	1.020	1.012	1.032	1.034	.9856	<.0000
#3	1.002	1.006	1.008	1.035	1.014	.9455	<.0000
#4	1.000	1.016	.9600	1.006	1.014	.9656	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9494	1.068	1.007	1.010
SDev	.0204	.075	.003	.005
%RSD	2.148	6.977	.2787	.5203
#1	.9276	1.129	1.003	1.005
#2	.9767	.9771	1.010	1.010
#3	.9493	1.038	1.007	1.017
#4	.9439	1.129	1.009	1.006

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Analysis Report 01/29/02 01:27:28 PM page 1

Method: IECW Sample Name: cb Operator: it
Run Time: 01/29/02 13:25:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0625	.0013	<.0000	.0000	<.0000
SDev	.0012	.0115	.0331	.0016	.0000	.0001	.0013
%RSD	177.4	492.0	53.01	131.0	.1396	115.5	25.91
#1	.0008	.0082	.0406	.0030	<.0000	.0001	<.0000
#2	<.0000	<.0000	.1106	<.0000	<.0000	.0000	<.0000
#3	<.0000	<.0000	.0582	<.0000	<.0000	.0000	<.0000
#4	<.0000	.0058	.0406	.0024	<.0000	.0001	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0016	.0005	.0001	<.0000	.0004	<.0000	<.0000
SDev	.0013	.0015	.0009	.0007	.0024	3779	.0065
%RSD	82.42	297.5	648.3	81.65	557.1	36.77	34.77
#1	.0005	.0019	.0004	<.0000	.0038	<.0000	<.0000
#2	.0031	<.0000	.0004	<.0000	.0004	<.0000	<.0000
#3	.0005	.0012	.0009	<.0000	<.0000	<.0000	<.0000
#4	.0024	.0006	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0004	<.0000	.0222	.0155	<.0000	<.0000	<.0000
SDev	.0004	.0024	.0146	.0051	.0214	.0492	.0491
%RSD	99.84	66.63	66.12	32.99	189.8	140.0	141.5
#1	.0002	<.0000	.0086	.0111	.0200	<.0000	<.0000
#2	.0002	<.0000	.0428	.0140	<.0000	<.0000	.0348
#3	.0010	<.0000	.0206	.0140	<.0000	.0251	<.0000
#4	.0002	<.0000	.0166	.0229	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0381	<.0000	.0007
SDev	.0157	.1024	.0016	.0013
%RSD	12.63	269.1	123.5	199.8
#1	<.0000	.1597	.0009	<.0000
#2	<.0000	<.0000	<.0000	.0018
#3	<.0000	.0685	<.0000	<.0000
#4	<.0000	.0076	<.0000	.0018

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Analysis Report 01/29/02 01:30:08 PM page 1

Method: IECW Sample Name: lfb Operator: it
Run Time: 01/29/02 13:28:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0134	.2339	.2306	.2425	.2513	.0489	.0035
SDev	.0007	.0107	.1056	.0029	.0010	.0002	.0015
%RSD	5.546	4.574	45.79	1.202	.4092	.4096	42.06
#1	.0139	.2411	.2639	.2435	.2527	.0492	.0049
#2	.0134	.2307	.3222	.2428	.2513	.0489	.0029
#3	.0124	.2202	.0783	.2385	.2505	.0487	.0017
#4	.0139	.2435	.2581	.2453	.2505	.0489	.0044

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1023	.1010	.2420	.2480	.2591	<.0000	<.0000
SDev	.0012	.0024	.0012	.0008	.0016	.1277	.0085
%RSD	1.205	2.376	.4878	.3441	.6147	4.932	18.63
#1	.1015	.1009	.2404	.2484	.2604	<.0000	<.0000
#2	.1022	.1012	.2419	.2484	.2587	<.0000	<.0000
#3	.1015	.0980	.2429	.2467	.2571	<.0000	<.0000
#4	.1041	.1039	.2429	.2484	.2604	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2522	.0979	.0166	.2661	.2410	.2051	.2504
SDev	.0012	.0081	.0233	.0094	.0331	.0232	.0173
%RSD	.4742	8.243	140.6	3.528	13.71	11.30	6.918
#1	.2512	.0897	.0488	.2712	.2046	.2252	.2417
#2	.2512	.0944	<.0000	.2520	.2547	.2252	.2417
#3	.2536	.0991	.0005	.2698	.2247	.1851	.2418
#4	.2528	.1086	.0186	.2712	.2797	.1850	.2764

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.2124	.0958	.2532
SDev	.0222	.0292	.0013	.0024
%RSD	74.38	13.73	1.315	.9671
#1	<.0000	.1896	.0961	.2507
#2	<.0000	.2200	.0969	.2543
#3	<.0000	.2505	.0939	.2516
#4	<.0000	.1896	.0961	.2561

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Analysis Report 01/29/02 01:32:39 PM

Method: IECW Sample Name: lrb Operator: it
Run Time: 01/29/02 13:30:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0351	.0035	<.0000	.0000	<.0000
SDev	.0013	.0076	.0500	.0011	.0000	.0000	.0005
%RSD	52.63	40.51	142.2	31.03	.1432	.0000	7.987
#1	<.0000	<.0000	.0931	.0024	<.0000	.0000	<.0000
#2	<.0000	<.0000	.0351	.0036	<.0000	.0000	<.0000
#3	<.0000	<.0000	<.0000	.0030	<.0000	.0000	<.0000
#4	<.0000	<.0000	.0411	.0049	<.0000	.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0013	<.0000	<.0000	<.0000	.0000	<.0000	<.0000
SDev	.0020	.0008	.0015	.0008	.0008	.3272	.0102
%RSD	154.6	40.24	114.1	127.8	9063.	23.83	38.30
#1	.0024	<.0000	<.0000	.0000	.0004	<.0000	<.0000
#2	.0031	<.0000	<.0000	.0000	.0004	<.0000	<.0000
#3	.0011	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	.0004	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0000	.0071	.0166	.0129	<.0000	<.0000	<.0000
SDev	.0004	.0082	.0163	.0044	.0193	.0301	.1146
%RSD	22960.	115.3	98.42	34.09	141.0	301.5	1333.
#1	.0002	.0000	.0045	.0140	<.0000	.0051	<.0000
#2	.0002	.0047	.0307	.0140	<.0000	.0252	.1041
#3	<.0000	.0047	.0307	.0170	<.0000	<.0000	.0695
#4	.0002	.0189	.0005	.0067	.0151	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	.0004
SDev	.0196	.0456	.0007	.0021
%RSD	12.95	100.1	30.79	473.8
#1	<.0000	<.0000	<.0000	.0018
#2	<.0000	<.0000	<.0000	.0009
#3	<.0000	.0077	<.0000	.0018
#4	<.0000	<.0000	<.0000	<.0000

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Analysis Report 01/29/02 02:12:59 PM

Method: IECW Sample Name: 31276 Operator: it
Run Time: 01/29/02 14:11:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0037	.0121	.0000	5.923
SDev	.0009	.0106	.0264	.0024	.0000	.0001	.023
%RSD	7.449	19.49	95.11	65.37	.0240	200.0	.3934
#1	<.0000	<.0000	<.0000	.0045	.0121	.0001	5.913
#2	<.0000	<.0000	<.0000	.0051	.0121	.0000	5.896
#3	<.0000	<.0000	<.0000	.0001	.0121	.0000	5.949
#4	<.0000	<.0000	<.0000	.0051	.0121	.0000	5.933

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0387	<.0000	1.221
SDev	.0011	.0002	.0007	.0008	.0017	.1986	.017
%RSD	60.92	3.809	11.05	14.91	4.315	5.086	1.365
#1	<.0000	<.0000	<.0000	<.0000	.0412	<.0000	1.207
#2	<.0000	<.0000	<.0000	<.0000	.0379	<.0000	1.207
#3	<.0000	<.0000	<.0000	<.0000	.0379	<.0000	1.239
#4	<.0000	<.0000	<.0000	<.0000	.0379	<.0000	1.232

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0322	<.0000	4.346	.0167	<.0000	<.0000	.1210
SDev	.0008	.0039	.027	.0053	.0103	.0284	.1150
%RSD	2.370	7419.	.6289	31.49	39.49	187.8	95.08
#1	.0328	<.0000	4.336	.0108	<.0000	<.0000	.1036
#2	.0312	.0047	4.354	.0137	<.0000	<.0000	<.0000
#3	.0328	<.0000	4.314	.0211	<.0000	<.0000	.2077
#4	.0320	<.0000	4.378	.0211	<.0000	.0250	.2077

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2812	<.0000	<.0000	<.0000
SDev	.0238	.0800	.0004	.0017
%RSD	8.446	3937.	4.509	223.7
#1	.2731	<.0000	<.0000	<.0000
#2	.2676	.0665	<.0000	.0017
#3	.2675	<.0000	<.0000	<.0000
#4	.3166	.0664	<.0000	<.0000

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Analysis Report 01/29/02 02:15:06 PM

Method: IECW Sample Name: 31276lab dup Operator: it
Run Time: 01/29/02 14:13:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0040	.0123	<.0000	5.941
SDev	.0016	.0156	.0498	.0009	.0004	.0001	.017
%RSD	15.64	30.87	1578.	23.41	2.942	38.49	.2912
#1	<.0000	<.0000	<.0000	.0045	.0121	<.0000	5.939
#2	<.0000	<.0000	.0579	.0045	.0121	<.0000	5.917
#3	<.0000	<.0000	.0115	.0026	.0121	<.0000	5.956
#4	<.0000	<.0000	<.0000	.0045	.0129	<.0000	5.950

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0354	<.0000	1.227
SDev	.0028	.0014	.0014	.0015	.0022	.3643	.014
%RSD	268.1	22.34	23.04	26.60	6.088	9.722	1.122
#1	<.0000	<.0000	<.0000	<.0000	.0362	<.0000	1.232
#2	<.0000	<.0000	<.0000	<.0000	.0345	<.0000	1.211
#3	<.0000	<.0000	<.0000	<.0000	.0379	<.0000	1.221
#4	.0024	<.0000	<.0000	<.0000	.0329	<.0000	1.243

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0320	<.0000	4.303	.0163	<.0000	<.0000	.0169
SDev	.0009	.0027	.024	.0071	.0138	.0116	.0722
%RSD	2.877	112.6	.5567	43.34	40.88	45.95	427.6
#1	.0328	<.0000	4.290	.0108	<.0000	<.0000	.1036
#2	.0312	<.0000	4.282	.0182	<.0000	<.0000	<.0000
#3	.0312	<.0000	4.304	.0108	<.0000	<.0000	<.0000
#4	.0328	<.0000	4.336	.0256	<.0000	<.0000	.0342

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.3057	<.0000	<.0000	.0001
SDev	.0372	.0576	.0018	.0011
%RSD	12.18	120.8	22.61	821.2
#1	.2894	<.0000	<.0000	<.0000
#2	.3112	<.0000	<.0000	<.0000
#3	.2676	.0360	<.0000	<.0000
#4	.3548	<.0000	<.0000	.0017

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Method: IECW Sample Name: 31276spk Operator: it
Run Time: 01/29/02 14:22:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	AE1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0099	.2252	.2661	.2564	.2698	.0494	5.805
SDev	.0003	.0069	.0380	.0020	.0012	.0002	.014
%RSD	3.069	3.075	14.30	.7853	.4599	.4649	.2360
#1	.0096	.2229	.2865	.2594	.2703	.0496	5.809
#2	.0096	.2334	.3096	.2550	.2710	.0496	5.821
#3	.0102	.2276	.2341	.2556	.2681	.0491	5.790
#4	.0102	.2171	.2343	.2556	.2696	.0494	5.797

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1057	.1000	.2420	.2480	.2958	<.0000	1.199
SDev	.0036	.0026	.0028	.0004	.0050	.1382	.005
%RSD	3.359	2.559	1.147	.1720	1.682	4.336	.4449
#1	.1099	.0999	.2451	.2483	.2895	<.0000	1.196
#2	.1015	.1033	.2431	.2483	.3012	<.0000	1.196
#3	.1067	.0971	.2386	.2474	.2945	<.0000	1.196
#4	.1047	.0997	.2411	.2483	.2979	<.0000	1.207

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2873	.0955	4.211	.2839	.2197	.1648	.2411
SDev	.0025	.0089	.021	.0099	.0071	.0492	.0749
%RSD	.8622	9.372	.4984	3.490	3.223	29.86	31.07
#1	.2885	.0943	4.181	.2872	.2207	.1848	.2412
#2	.2893	.0896	4.223	.2946	.2197	.1246	.3452
#3	.2838	.1085	4.227	.2828	.2147	.2250	.2064
#4	.2877	.0896	4.213	.2709	.2147	.1246	.1718

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4816	.2559	.0944	.2562
SDev	.0121	.1226	.0007	.0011
%RSD	2.511	47.92	.7373	.4368
#1	.4748	.1875	.0939	.2560
#2	.4966	.1570	.0946	.2560
#3	.4857	.2483	.0953	.2577
#4	.4693	.4309	.0939	.2551

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Method: IECW Sample Name: 31277 Operator: it
Run Time: 01/29/02 14:27:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0225	.0065	.0136	<.0000	6.024
SDev	.0014	.0114	.0317	.0014	.0006	.0001	.030
%RSD	35.24	89.82	141.2	21.31	4.348	115.5	.5018
#1	<.0000	<.0000	.0051	.0057	.0136	<.0000	6.006
#2	<.0000	<.0000	.0688	.0082	.0143	.0000	6.060
#3	<.0000	<.0000	<.0000	.0051	.0136	.0000	6.039
#4	<.0000	<.0000	.0169	.0070	.0129	<.0000	5.994

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003	<.0000	<.0000	<.0000	.0370	<.0000	1.277
SDev	.0019	.0012	.0009	.0016	.0040	.6256	.022
%RSD	712.7	74.63	82.43	284.4	10.69	24.80	1.721
#1	<.0000	<.0000	<.0000	<.0000	.0345	<.0000	1.264
#2	.0024	<.0000	<.0000	.0007	.0412	<.0000	1.296
#3	.0004	<.0000	<.0000	.0007	.0395	<.0000	1.296
#4	.0004	<.0000	<.0000	<.0000	.0329	<.0000	1.253

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0344	.0058	4.439	.0215	.0113	.0149	.1382
SDev	.0006	.0045	.039	.0056	.0275	.0259	.0491
%RSD	1.890	77.63	.8780	25.95	243.6	174.1	35.52
#1	.0344	.0094	4.417	.0226	.0301	.0450	.2076
#2	.0351	.0094	4.396	.0270	.0350	.0048	.1034
#3	.0343	<.0000	4.481	.0226	.0050	.0249	.1381
#4	.0336	.0047	4.461	.0137	<.0000	<.0000	.1035

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.5809	.0511	<.0000	.0019
SDev	.0498	.0805	.0019	.0004
%RSD	8.576	157.5	64.26	23.21
#1	.5510	.0968	<.0000	.0017
#2	.6054	.0358	<.0000	.0026
#3	.6381	.1271	<.0000	.0017
#4	.5292	<.0000	<.0000	.0017

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Method: IECW Sample Name: 31340 Operator: it
Run Time: 01/29/02 14:30:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0054	.0130	<.0000	6.009
SDev	.0009	.0083	.0501	.0015	.0004	.0001	.019
%RSD	12.71	27.75	412.3	27.47	2.784	38.49	.3219
#1	<.0000	<.0000	<.0000	.0076	.0136	<.0000	6.015
#2	<.0000	<.0000	.0111	.0051	.0129	<.0000	6.005
#3	<.0000	<.0000	.0343	.0045	.0129	<.0000	5.984
#4	<.0000	<.0000	<.0000	.0045	.0129	<.0000	6.030

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003	<.0000	<.0000	<.0000	.0379	<.0000	1.256
SDev	.0024	.0010	.0014	.0011	.0014	.2001	.022
%RSD	911.7	20.25	36.26	35.15	3.577	6.799	1.720
#1	<.0000	<.0000	<.0000	<.0000	.0395	<.0000	1.275
#2	.0004	<.0000	<.0000	<.0000	.0378	<.0000	1.264
#3	.0030	<.0000	<.0000	<.0000	.0362	<.0000	1.225
#4	.0004	<.0000	<.0000	<.0000	.0378	<.0000	1.260

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0326	.0011	7.573	.0207	<.0000	<.0000	.0775
SDev	.0004	.0071	.038	.0050	.0273	.0418	.0769
%RSD	1.225	636.9	.5030	24.25	1121.	165.7	99.26
#1	.0328	.0047	7.606	.0211	.0151	<.0000	.1036
#2	.0328	<.0000	7.606	.0137	<.0000	<.0000	.1035
#3	.0328	.0094	7.551	.0226	.0201	<.0000	.1382
#4	.0320	<.0000	7.531	.0256	<.0000	.0250	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6763	<.0000	<.0000	<.0000
SDev	.0248	.0761	.0007	.0013
%RSD	3.662	3601.	12.60	428.2
#1	.7036	.0359	<.0000	.0017
#2	.6818	<.0000	<.0000	<.0000
#3	.6764	.0360	<.0000	<.0000
#4	.6436	.0359	<.0000	<.0000

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Analysis Report 01/29/02 02:35:00 PM

Method: IECW Sample Name: 31339 Operator: it
Run Time: 01/29/02 14:33:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0065	.0129	<.0000	6.021
SDev	.0015	.0035	.0590	.0015	.0000	.0001	.012
%RSD	18.77	9.325	436.5	22.72	.0092	28.57	.2061
#1	<.0000	<.0000	<.0000	.0076	.0129	<.0000	6.018
#2	<.0000	<.0000	.0693	.0064	.0129	<.0000	6.010
#3	<.0000	<.0000	<.0000	.0076	.0129	<.0000	6.039
#4	<.0000	<.0000	<.0000	.0045	.0129	<.0000	6.018

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0354	<.0000	1.251
SDev	.0011	.0008	.0019	.0008	.0029	.2598	.019
%RSD	65.77	21.37	35.87	21.65	8.155	7.968	1.546
#1	<.0000	<.0000	<.0000	<.0000	.0312	<.0000	1.239
#2	<.0000	<.0000	<.0000	<.0000	.0378	<.0000	1.278
#3	<.0000	<.0000	<.0000	<.0000	.0362	<.0000	1.250
#4	<.0000	<.0000	<.0000	<.0000	.0362	<.0000	1.236

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0306	.0035	7.874	.0200	<.0000	<.0000	.0862
SDev	.0004	.0045	.052	.0022	.0233	.0164	.0448
%RSD	1.306	130.0	.6596	11.09	187.5	108.1	51.94
#1	.0312	.0094	7.889	.0211	<.0000	<.0000	.0689
#2	.0304	.0047	7.932	.0182	<.0000	<.0000	.0342
#3	.0304	<.0000	7.869	.0226	<.0000	.0049	.1382
#4	.0304	<.0000	7.807	.0182	.0151	<.0000	.1036

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6518	.0435	<.0000	<.0000
SDev	.0130	.1006	.0012	.0008
%RSD	1.994	230.9	21.12	273.9
#1	.6655	.1577	<.0000	<.0000
#2	.6436	<.0000	<.0000	.0008
#3	.6382	.0359	<.0000	<.0000
#4	.6600	.0664	<.0000	<.0000

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Method: IECW Sample Name: 31341 Operator: it
Run Time: 01/29/02 14:35:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0042	.0132	<.0000	6.003
SDev	.0017	.0056	.0414	.0011	.0004	.0001	.010
%RSD	22.13	16.00	199.1	26.01	3.169	38.49	.1622
#1	<.0000	<.0000	<.0000	.0051	.0129	<.0000	6.004
#2	<.0000	<.0000	.0227	.0045	.0136	<.0000	5.998
#3	<.0000	<.0000	<.0000	.0045	.0136	<.0000	6.017
#4	<.0000	<.0000	<.0000	.0026	.0129	<.0000	5.995

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0025	<.0000	<.0000	.0022	.0379	<.0000	1.256
SDev	.0003	.0012	.0021	.0011	.0041	.3127	.018
%RSD	12.81	26.07	48.23	48.79	10.80	10.36	1.394
#1	.0024	<.0000	<.0000	.0024	.0412	<.0000	1.236
#2	.0024	<.0000	<.0000	.0024	.0328	<.0000	1.278
#3	.0030	<.0000	<.0000	.0033	.0412	<.0000	1.253
#4	.0024	<.0000	<.0000	.0007	.0362	<.0000	1.257

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0351	<.0000	6.590	.0193	<.0000	<.0000	.1035
SDev	.0009	.0045	.044	.0042	.0119	.0301	.0850
%RSD	2.617	363.0	.6667	22.01	68.41	149.2	82.08
#1	.0344	.0047	6.655	.0137	.0001	<.0000	.1036
#2	.0359	<.0000	6.571	.0226	<.0000	<.0000	<.0000
#3	.0344	<.0000	6.559	.0226	<.0000	<.0000	.1035
#4	.0359	<.0000	6.577	.0182	<.0000	.0250	.2076

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6450	<.0000	<.0000	.0021
SDev	.0224	.0675	.0004	.0005
%RSD	3.479	389.5	7.054	24.08
#1	.6655	<.0000	<.0000	.0026
#2	.6381	<.0000	<.0000	.0017
#3	.6600	.0663	<.0000	.0017
#4	.6164	.0055	<.0000	.0026

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Analysis Report 01/29/02 02:39:40 PM

Method: IECW Sample Name: AE00003 Operator: it
Run Time: 01/29/02 14:37:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0341	.0067	.0127	<.0000	5.978
SDev	.0035	.0202	.0695	.0019	.0007	.0001	.029
%RSD	65.39	142.8	203.8	29.21	5.473	76.59	.4856
#1	<.0000	<.0000	.0632	.0095	.0121	<.0000	5.981
#2	<.0000	<.0000	.1099	.0051	.0121	<.0000	5.955
#3	<.0000	<.0000	<.0000	.0064	.0129	<.0000	5.958
#4	<.0000	.0144	.0163	.0057	.0136	.0000	6.018

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0024	<.0000	<.0000	<.0000	.0333	<.0000	1.284
SDev	.0019	.0023	.0022	.0023	.0021	.5453	.014
%RSD	80.59	122.0	142.3	99.00	6.318	19.59	1.072
#1	.0024	<.0000	<.0000	<.0000	.0312	<.0000	1.289
#2	.0030	<.0000	<.0000	<.0000	.0362	<.0000	1.268
#3	<.0000	<.0000	<.0000	<.0000	.0328	<.0000	1.278
#4	.0043	.0002	.0016	.0007	.0328	<.0000	1.300

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0357	<.0000	7.837	.0222	.0050	<.0000	.0601
SDev	.0008	.0067	.061	.0049	.0212	.0116	.1035
%RSD	2.132	8513.	.7764	21.96	420.7	45.81	172.2
#1	.0351	.0094	7.775	.0226	<.0000	<.0000	.0341
#2	.0351	<.0000	7.904	.0167	<.0000	<.0000	.0342
#3	.0359	<.0000	7.871	.0211	.0151	<.0000	<.0000
#4	.0367	<.0000	7.797	.0285	.0300	<.0000	.2075

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6872	.0054	<.0000	.0006
SDev	.0828	.0657	.0025	.0013
%RSD	12.04	1207.	59.32	231.3
#1	.6817	<.0000	<.0000	.0017
#2	.6055	.0055	<.0000	<.0000
#3	.6599	.0359	<.0000	.0017
#4	.8016	.0662	<.0000	<.0000

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Analysis Report 01/29/02 02:42:18 PM

Method: IECW Sample Name: 27 Operator: it
Run Time: 01/29/02 14:40:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0242	.0051	.0127	<.0000	5.989
SDev	.0016	.0068	.0620	.0021	.0004	.0001	.026
%RSD	21.15	21.36	256.6	41.40	2.888	28.57	.4286
#1	<.0000	<.0000	.0343	.0057	.0129	<.0000	5.977
#2	<.0000	<.0000	.0169	.0026	.0121	<.0000	6.026
#3	<.0000	<.0000	<.0000	.0076	.0129	<.0000	5.968
#4	<.0000	<.0000	.0981	.0045	.0129	<.0000	5.983

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0349	<.0000	1.276
SDev	.0010	.0012	.0010	.0010	.0034	.3405	.005
%RSD	71.53	31.45	31.49	27.66	9.826	11.50	.4179
#1	<.0000	<.0000	<.0000	<.0000	.0328	<.0000	1.271
#2	<.0000	<.0000	<.0000	<.0000	.0378	<.0000	1.278
#3	<.0000	<.0000	<.0000	<.0000	.0312	<.0000	1.271
#4	<.0000	<.0000	<.0000	<.0000	.0378	<.0000	1.282

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0371	<.0000	7.558	.0196	<.0000	<.0000	.0602
SDev	.0005	.0045	.107	.0050	.0170	.0348	.1074
%RSD	1.239	361.7	1.418	25.34	54.63	76.77	178.5
#1	.0367	<.0000	7.445	.0211	<.0000	<.0000	.0688
#2	.0375	<.0000	7.513	.0255	<.0000	<.0000	<.0000
#3	.0375	<.0000	7.696	.0182	<.0000	<.0000	.2076
#4	.0367	.0047	7.579	.0137	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6790	<.0000	<.0000	<.0000
SDev	.0202	.0456	.0006	.0015
%RSD	2.967	95.51	10.40	288.6
#1	.6600	<.0000	<.0000	<.0000
#2	.6654	<.0000	<.0000	.0017
#3	.6872	<.0000	<.0000	<.0000
#4	.7036	.0054	<.0000	<.0000

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Analysis Report 01/29/02 02:45:36 PM page 1

Method: IECW Sample Name: 28 Operator: it
Run Time: 01/29/02 14:43:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0109	.0051	.0127	<.0000	5.999
SDev	.0010	.0132	.0387	.0009	.0004	.0001	.015
%RSD	21.02	81.61	355.5	17.33	2.865	40.00	.2542
#1	<.0000	<.0000	<.0000	.0064	.0121	<.0000	5.988
#2	<.0000	<.0000	.0631	.0045	.0129	<.0000	6.021
#3	<.0000	<.0000	<.0000	.0045	.0129	<.0000	5.996
#4	<.0000	<.0000	.0107	.0051	.0129	<.0000	5.989

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0009	<.0000	<.0000	<.0000	.0341	<.0000	1.284
SDev	.0010	.0017	.0021	.0015	.0034	.4002	.012
%RSD	106.9	76.34	67.96	70.48	10.07	15.81	.9187
#1	.0004	<.0000	<.0000	<.0000	.0362	<.0000	1.292
#2	.0024	<.0000	<.0000	<.0000	.0378	<.0000	1.292
#3	.0004	<.0000	<.0000	<.0000	.0312	<.0000	1.268
#4	.0004	<.0000	<.0000	<.0000	.0312	<.0000	1.282

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0363	<.0000	8.029	.0252	<.0000	<.0000	.0775
SDev	.0005	.0027	.036	.0058	.0125	.0192	.1215
%RSD	1.268	111.5	.4455	23.17	111.3	94.92	156.8
#1	.0359	<.0000	8.026	.0270	<.0000	<.0000	.2076
#2	.0359	<.0000	8.022	.0270	.0050	.0048	<.0000
#3	.0367	<.0000	8.077	.0167	<.0000	<.0000	.1382
#4	.0367	<.0000	7.990	.0300	<.0000	<.0000	.0340

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7117	.0359	<.0000	<.0000
SDev	.0130	.0351	.0007	.0013
%RSD	1.821	97.96	23.07	1391.
#1	.7090	.0054	<.0000	<.0000
#2	.7308	.0663	<.0000	.0017
#3	.7036	.0663	<.0000	<.0000
#4	.7036	.0054	<.0000	<.0000

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Analysis Report 01/29/02 02:48:02 PM page 1

Method: IECW Sample Name: 100 Operator: it
Run Time: 01/29/02 14:46:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0269	.0050	.0127	<.0000	5.915
SDev	.0014	.0052	.0401	.0008	.0004	.0001	.015
%RSD	35.40	33.70	149.1	15.93	2.862	66.67	.2556
#1	<.0000	<.0000	<.0000	.0039	.0129	<.0000	5.935
#2	<.0000	<.0000	.0341	.0057	.0129	.0000	5.918
#3	<.0000	<.0000	.0806	.0051	.0129	<.0000	5.900
#4	<.0000	<.0000	<.0000	.0051	.0121	<.0000	5.907

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003	<.0000	<.0000	<.0000	.0320	<.0000	1.273
SDev	.0014	.0020	.0023	.0015	.0017	.4060	.008
%RSD	549.8	69.73	120.0	120.3	5.206	19.14	.6650
#1	.0024	<.0000	<.0000	<.0000	.0345	<.0000	1.264
#2	<.0000	<.0000	<.0000	.0007	.0312	<.0000	1.282
#3	<.0000	<.0000	.0001	<.0000	.0312	<.0000	1.278
#4	<.0000	<.0000	<.0000	<.0000	.0312	<.0000	1.268

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0367	.0023	4.376	.0185	<.0000	<.0000	.0254
SDev	.0000	.0098	.043	.0041	.0166	.0414	.0769
%RSD	.0011	430.2	.9912	21.96	222.1	102.7	302.5
#1	.0367	.0046	4.441	.0167	<.0000	<.0000	<.0000
#2	.0367	.0141	4.352	.0211	.0150	<.0000	.1035
#3	.0367	<.0000	4.358	.0226	<.0000	.0049	.0688
#4	.0367	<.0000	4.352	.0137	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4474	.0359	<.0000	.0008
SDev	.0194	.0609	.0007	.0016
%RSD	4.335	169.6	26.68	202.9
#1	.4583	.0663	<.0000	.0026
#2	.4637	.0663	<.0000	<.0000
#3	.4474	<.0000	<.0000	.0017
#4	.4201	.0663	<.0000	<.0000

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Method: IECW Sample Name: 101 Operator: it
Run Time: 01/29/02 14:48:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0056	.0123	<.0000	5.967
SDev	.0012	.0081	.0531	.0009	.0004	.0001	.011
%RSD	19.80	28.45	573.0	16.77	2.952	38.49	.1889
#1	<.0000	<.0000	<.0000	.0045	.0121	<.0000	5.966
#2	<.0000	<.0000	<.0000	.0051	.0121	<.0000	5.953
#3	<.0000	<.0000	<.0000	.0064	.0129	<.0000	5.967
#4	<.0000	<.0000	.0576	.0064	.0121	<.0000	5.981

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0312	<.0000	1.270
SDev	.0014	.0010	.0010	.0007	.0043	.2772	.012
%RSD	623.5	29.36	29.61	37.60	13.81	9.726	.9251
#1	.0011	<.0000	<.0000	<.0000	.0295	<.0000	1.278
#2	.0004	<.0000	<.0000	<.0000	.0262	<.0000	1.278
#3	<.0000	<.0000	<.0000	<.0000	.0328	<.0000	1.271
#4	<.0000	<.0000	<.0000	<.0000	.0362	<.0000	1.253

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0411	.0023	4.408	.0274	<.0000	<.0000	.0515
SDev	.0005	.0047	.014	.0079	.0108	.0100	.0722
%RSD	1.119	206.2	.3129	28.68	72.38	33.12	140.3
#1	.0407	<.0000	4.400	.0211	<.0000	<.0000	.1382
#2	.0407	.0094	4.429	.0300	.0001	<.0000	.0689
#3	.0415	<.0000	4.403	.0211	<.0000	<.0000	<.0000
#4	.0415	<.0000	4.400	.0374	<.0000	<.0000	.0341

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4760	<.0000	<.0000	<.0000
SDev	.0121	.1636	.0006	.0004
%RSD	2.541	342.6	10.42	143.2
#1	.4583	.1576	<.0000	<.0000
#2	.4855	<.0000	<.0000	<.0000
#3	.4801	<.0000	<.0000	<.0000
#4	.4801	.0055	<.0000	<.0000

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Method: IECW Sample Name: ipc Operator: it
Run Time: 01/29/02 14:52:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.5328	.9982	.0364	.9623	.9998	.9820	.9796
SDev	.0037	.0057	.0758	.0087	.0038	.0018	.0044
%RSD	.6863	.5717	207.9	.9044	.3827	.1869	.4454
#1	.5283	.9935	.0089	.9579	.9980	.9799	.9794
#2	.5325	1.001	<.0000	.9535	.9994	.9812	.9799
#3	.5330	.9935	.0438	.9735	1.005	.9842	.9742
#4	.5372	1.005	.1366	.9641	.9965	.9825	.9848

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9949	.9840	.9533	.9667	1.000	<.0000	.9258
SDev	.0060	.0021	.0019	.0038	.006	.2560	.0137
%RSD	.6065	.2143	.2021	.3916	.5985	10.30	1.483
#1	.9998	.9825	.9544	.9628	.9916	<.0000	.9196
#2	.9926	.9827	.9539	.9646	1.003	<.0000	.9125
#3	.9998	.9870	.9504	.9714	1.002	<.0000	.9267
#4	.9874	.9836	.9544	.9680	1.005	<.0000	.9445

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9838	.9672	1.008	1.024	.9675	.8854	.1250
SDev	.0010	.0202	.006	.010	.0250	.0464	.1887
%RSD	.1046	2.088	.5500	.9607	2.582	5.240	150.9
#1	.9842	.9400	1.002	1.019	.9487	.9256	.2378
#2	.9834	.9637	1.004	1.016	.9837	.9255	.1337
#3	.9850	.9826	1.014	1.023	.9437	.8452	<.0000
#4	.9826	.9826	1.010	1.038	.9937	.8452	.2724

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7478	.8632	.9844	.9888
SDev	.0321	.1414	.0019	.0057
%RSD	4.290	16.38	.1942	.5798
#1	.7696	.7339	.9824	.9833
#2	.7151	1.038	.9860	.9851
#3	.7260	.7643	.9831	.9913
#4	.7805	.9164	.9860	.9957

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Analysis Report 01/29/02 02:57:39 PM

Method: IECW Sample Name: cb Operator: it
Run Time: 01/29/02 14:55:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0483	.0020	<.0000	.0000	<.0000
SDev	.0010	.0077	.0745	.0013	.0004	.0001	.0015
%RSD	23.94	29.37	154.2	63.55	57.93	200.0	14.67
#1	<.0000	<.0000	<.0000	.0036	<.0000	.0001	<.0000
#2	<.0000	<.0000	.0121	.0017	<.0000	.0000	<.0000
#3	<.0000	<.0000	.1340	.0005	<.0000	.0000	<.0000
#4	<.0000	<.0000	.0816	.0024	<.0000	.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0005	<.0000	<.0000	<.0000	.0000	<.0000	<.0000
SDev	.0017	.0013	.0018	.0005	.0028	.1890	.0151
%RSD	342.7	75.18	51.64	38.51	19140.	6.655	34.64
#1	.0024	<.0000	<.0000	<.0000	.0038	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#4	.0011	<.0000	<.0000	<.0000	.0004	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	.0201	.0151	.0248	<.0000	<.0000	<.0000
SDev	.0009	.0097	.0210	.0039	.0138	.0192	.1637
%RSD	154.6	48.48	139.0	15.69	40.83	96.03	631.6
#1	.0002	.0189	.0368	.0303	<.0000	<.0000	<.0000
#2	<.0000	.0189	.0206	.0214	<.0000	<.0000	<.0000
#3	<.0000	.0331	.0166	.0229	<.0000	<.0000	.2083
#4	.0002	.0095	<.0000	.0244	<.0000	.0051	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0153	<.0000	.0002
SDev	.0223	.1226	.0007	.0011
%RSD	9.394	801.2	15.95	497.0
#1	<.0000	.1902	<.0000	<.0000
#2	<.0000	.0077	<.0000	.0018
#3	<.0000	<.0000	<.0000	.0000
#4	<.0000	<.0000	<.0000	.0000

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Analysis Report 01/29/02 03:01:53 PM

Method: IECW Sample Name: 102 Operator: it
Run Time: 01/29/02 15:00:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0863	.0165	.0289	<.0000	24.20
SDev	.0013	.0063	.0192	.0016	.0004	.0000	.07
%RSD	27.80	28.86	22.19	9.604	1.267	.0000	.2784
#1	<.0000	<.0000	.0994	.0143	.0284	<.0000	24.24
#2	<.0000	<.0000	.0877	.0168	.0291	<.0000	24.27
#3	<.0000	<.0000	.0993	.0168	.0291	<.0000	24.16
#4	<.0000	<.0000	.0588	.0181	.0291	<.0000	24.12

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003	<.0000	<.0000	<.0000	.0667	<.0000	8.119
SDev	.0012	.0011	.0020	.0004	.0022	.1626	.034
%RSD	488.8	33.18	446.1	33.73	3.217	17.40	.4177
#1	.0001	<.0000	.0019	<.0000	.0675	<.0000	8.127
#2	<.0000	<.0000	.0004	<.0000	.0659	<.0000	8.156
#3	<.0000	<.0000	<.0000	<.0000	.0692	<.0000	8.117
#4	.0020	<.0000	<.0000	<.0000	.0642	<.0000	8.074

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.1751	.0066	27.69	.0353	<.0000	<.0000	.1089
SDev	.0008	.0082	.17	.0031	.0118	.0100	.0769
%RSD	.4362	124.6	.6019	8.632	72.85	32.06	70.62
#1	.1757	.0137	27.85	.0327	<.0000	<.0000	.1350
#2	.1749	.0089	27.61	.0386	<.0000	<.0000	.2043
#3	.1741	<.0000	27.80	.0327	.0000	<.0000	.0308
#4	.1757	.0089	27.49	.0372	<.0000	<.0000	.0656

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.304	.2075	<.0000	.0009
SDev	.026	.1217	.0012	.0009
%RSD	1.972	58.66	33.98	98.01
#1	1.323	.1466	<.0000	.0014
#2	1.301	.1466	<.0000	<.0000
#3	1.323	.3900	<.0000	.0014
#4	1.269	.1467	<.0000	.0014

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Method: IECW Sample Name: 102spk Operator: it
Run Time: 01/29/02 15:08:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0130	.2434	.2687	.2656	.2775	.0489	23.76
SDev	.0012	.0077	.0537	.0037	.0013	.0004	.10
%RSD	9.313	3.182	19.99	1.385	.4503	.7501	.4160
#1	.0120	.2460	.3282	.2611	.2786	.0492	23.80
#2	.0120	.2390	.2876	.2699	.2757	.0484	23.61
#3	.0141	.2530	.2583	.2648	.2778	.0492	23.82
#4	.0141	.2355	.2005	.2667	.2778	.0489	23.80

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1018	.0978	.2415	.2422	.3184	<.0000	7.950
SDev	.0035	.0008	.0026	.0016	.0034	.2911	.050
%RSD	3.470	.8432	1.085	.6738	1.083	46.50	.6260
#1	.1044	.0981	.2410	.2418	.3176	<.0000	7.975
#2	.1031	.0972	.2381	.2401	.3143	<.0000	7.889
#3	.0966	.0972	.2440	.2435	.3226	<.0000	8.003
#4	.1031	.0989	.2430	.2435	.3193	<.0000	7.932

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.4209	.0939	27.09	.2829	.2347	.2139	.3246
SDev	.0026	.0102	.11	.0039	.0158	.0116	.0448
%RSD	.6247	10.89	.4003	1.372	6.747	5.419	13.80
#1	.4211	.0844	27.16	.2885	.2547	.2038	.3419
#2	.4179	.1080	26.93	.2811	.2197	.2038	.3767
#3	.4243	.0891	27.13	.2825	.2246	.2239	.3072
#4	.4203	.0939	27.13	.2796	.2397	.2239	.2726

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.482	.3440	.0963	.2485
SDev	.030	.0724	.0007	.0021
%RSD	2.055	21.03	.7209	.8254
#1	1.520	.4200	.0958	.2503
#2	1.460	.2985	.0958	.2467
#3	1.492	.3896	.0972	.2503
#4	1.454	.2680	.0965	.2467

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Analysis Report 01/29/02 03:14:43 PM

Method: IECW Sample Name: 104 Operator: it
Run Time: 01/29/02 15:12:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0399	.0043	.0129	<.0000	5.924
SDev	.0013	.0099	.0326	.0016	.0006	.0001	.020
%RSD	38.51	74.48	81.62	36.05	4.597	81.65	.3432
#1	<.0000	.0004	.0107	.0064	.0136	.0000	5.954
#2	<.0000	<.0000	.0168	.0026	.0129	<.0000	5.919
#3	<.0000	<.0000	.0515	.0045	.0129	<.0000	5.913
#4	<.0000	<.0000	.0806	.0039	.0121	<.0000	5.910

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0012	<.0000	<.0000	<.0000	.0333	<.0000	1.285
SDev	.0013	.0011	.0013	.0020	.0021	.3479	.030
%RSD	108.3	83.27	47.19	355.0	6.277	16.12	2.358
#1	.0024	<.0000	<.0000	.0024	.0362	<.0000	1.328
#2	.0004	<.0000	<.0000	<.0000	.0329	<.0000	1.257
#3	.0024	<.0000	<.0000	<.0000	.0312	<.0000	1.282
#4	<.0000	<.0000	<.0000	<.0000	.0329	<.0000	1.275

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0367	.0035	4.385	.0318	.0025	<.0000	.0514
SDev	.0000	.0045	.035	.0025	.0247	.0201	.0664
%RSD	.0056	130.4	.7983	7.911	974.6	79.53	129.1
#1	.0367	.0094	4.380	.0344	.0300	<.0000	.1034
#2	.0367	.0047	4.380	.0285	.0151	.0049	<.0000
#3	.0367	<.0000	4.348	.0315	<.0000	<.0000	.1035
#4	.0367	<.0000	4.433	.0329	<.0000	<.0000	.0341

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4242	.1424	<.0000	.0006
SDev	.0237	.0527	.0014	.0013
%RSD	5.579	37.05	57.36	231.2
#1	.4473	.0662	<.0000	<.0000
#2	.4038	.1576	<.0000	.0017
#3	.4419	.1880	<.0000	.0017
#4	.4038	.1576	<.0000	<.0000

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Analysis Report 01/29/02 03:17:17 PM

Method: IECW Sample Name: 105 Operator: it
Run Time: 01/29/02 15:15:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0517	.0051	.0123	<.0000	5.946
SDev	.0004	.0081	.0743	.0009	.0004	.0001	.030
%RSD	7.642	36.73	143.8	17.33	2.959	38.49	.5092
#1	<.0000	<.0000	.0807	.0045	.0121	<.0000	5.988
#2	<.0000	<.0000	<.0000	.0064	.0121	<.0000	5.917
#3	<.0000	<.0000	.0806	.0051	.0121	<.0000	5.945
#4	<.0000	<.0000	.1039	.0045	.0129	<.0000	5.935

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0011	<.0000	<.0000	<.0000	.0304	<.0000	1.264
SDev	.0023	.0030	.0020	.0013	.0035	.4250	.010
%RSD	215.2	83.68	55.50	78.08	11.43	15.85	.7957
#1	.0011	.0004	<.0000	<.0000	.0262	<.0000	1.257
#2	.0024	<.0000	<.0000	<.0000	.0295	<.0000	1.264
#3	<.0000	<.0000	<.0000	<.0000	.0345	<.0000	1.278
#4	.0030	<.0000	<.0000	<.0000	.0312	<.0000	1.257

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0395	.0035	4.379	.0259	<.0000	<.0000	.0775
SDev	.0005	.0045	.038	.0049	.0048	.0100	.0332
%RSD	1.165	130.4	.8790	18.83	400.3	33.13	42.84
#1	.0399	.0094	4.413	.0211	.0051	<.0000	.1035
#2	.0399	.0047	4.386	.0226	.0001	<.0000	.0342
#3	.0391	<.0000	4.324	.0315	<.0000	<.0000	.0688
#4	.0391	<.0000	4.394	.0285	<.0000	<.0000	.1035

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4133	.0283	<.0000	.0017
SDev	.0303	.1005	.0007	.0000
%RSD	7.332	355.2	14.54	.0535
#1	.4256	.0055	<.0000	.0017
#2	.3711	.0359	<.0000	.0017
#3	.4419	<.0000	<.0000	.0017
#4	.4147	.1576	<.0000	.0017

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Analysis Report 01/29/02 03:19:40 PM

Method: IECW Sample Name: 106 Operator: it
Run Time: 01/29/02 15:17:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0644	.0149	.0289	<.0000	24.25
SDev	.0015	.0124	.0593	.0011	.0004	.0001	.07
%RSD	53.99	79.41	92.04	7.641	1.239	115.5	.3080
#1	<.0000	<.0000	.1224	.0155	.0291	.0000	24.34
#2	<.0000	<.0000	<.0000	.0162	.0284	<.0000	24.16
#3	<.0000	<.0000	.0470	.0143	.0291	<.0000	24.25
#4	<.0000	<.0000	.0992	.0137	.0291	.0000	24.25

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0016	<.0000	.0007	<.0000	.0663	<.0000	8.108
SDev	.0019	.0028	.0005	.0016	.0016	.4557	.046
%RSD	120.2	220.7	75.52	249.4	2.399	88.68	.5667
#1	.0020	<.0000	.0004	.0002	.0675	.0467	8.149
#2	.0040	<.0000	.0004	<.0000	.0676	<.0000	8.124
#3	.0001	<.0000	.0004	<.0000	.0642	<.0000	8.117
#4	.0001	.0028	.0015	.0011	.0659	<.0000	8.042

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.1869	.0030	27.61	.0368	.0050	<.0000	.0742
SDev	.0016	.0081	.18	.0039	.0178	.0100	.0592
%RSD	.8519	266.8	.6460	10.54	353.2	31.98	79.80
#1	.1892	.0042	27.62	.0386	.0200	<.0000	.1002
#2	.1861	<.0000	27.69	.0401	<.0000	<.0000	<.0000
#3	.1861	.0137	27.78	.0371	.0150	<.0000	.1349
#4	.1861	<.0000	27.37	.0312	.0050	<.0000	.0655

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.316	.2379	<.0000	.0009
SDev	.012	.1082	.0017	.0009
%RSD	.9210	45.49	54.10	97.84
#1	1.312	.3900	<.0000	.0013
#2	1.301	.1771	<.0000	<.0000
#3	1.329	.2379	<.0000	.0014
#4	1.323	.1467	<.0000	.0014

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Method: IECW Sample Name: 108 Operator: it
Run Time: 01/29/02 15:20:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0299	.0045	.0130	<.0000	5.971
SDev	.0009	.0105	.0401	.0021	.0004	.0001	.008
%RSD	14.94	36.85	134.1	45.65	2.785	38.49	.1351
#1	<.0000	<.0000	.0810	.0070	.0129	<.0000	5.961
#2	<.0000	<.0000	.0110	.0045	.0129	<.0000	5.972
#3	<.0000	<.0000	.0400	.0045	.0129	<.0000	5.970
#4	<.0000	<.0000	<.0000	.0020	.0136	<.0000	5.980

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0008	<.0000	<.0000	<.0000	.0308	<.0000	1.269
SDev	.0011	.0003	.0019	.0011	.0034	.3439	.022
%RSD	150.2	10.25	68.45	35.17	11.15	12.31	1.719
#1	.0004	<.0000	<.0000	<.0000	.0279	<.0000	1.243
#2	<.0000	<.0000	<.0000	<.0000	.0345	<.0000	1.296
#3	.0024	<.0000	<.0000	<.0000	.0328	<.0000	1.271
#4	.0004	<.0000	<.0000	<.0000	.0279	<.0000	1.268

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0348	.0023	4.436	.0285	<.0000	<.0000	.0255
SDev	.0008	.0061	.024	.0038	.0085	.0348	.0436
%RSD	2.294	265.9	.5425	13.40	52.69	674.9	171.3
#1	.0352	<.0000	4.431	.0300	<.0000	<.0000	.0342
#2	.0351	.0094	4.453	.0270	<.0000	<.0000	.0341
#3	.0336	.0047	4.405	.0241	<.0000	.0450	.0688
#4	.0351	<.0000	4.457	.0329	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.3997	<.0000	<.0000	<.0000
SDev	.0180	.1124	.0011	.0000
%RSD	4.500	280.0	24.64	.1417
#1	.3766	<.0000	<.0000	<.0000
#2	.4037	.0359	<.0000	<.0000
#3	.3983	.0663	<.0000	<.0000
#4	.4201	<.0000	<.0000	<.0000

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Method: IECW Sample Name: 109 Operator: it
Run Time: 01/29/02 15:22:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0302	.0036	.0121	<.0000	5.911
SDev	.0018	.0111	.0278	.0015	.0000	.0000	.011
%RSD	18.01	23.03	91.96	41.92	.0110	.0000	.1889
#1	<.0000	<.0000	.0170	.0020	.0121	<.0000	5.912
#2	<.0000	<.0000	.0403	.0051	.0121	<.0000	5.915
#3	<.0000	<.0000	.0637	.0026	.0121	<.0000	5.921
#4	<.0000	<.0000	<.0000	.0045	.0121	<.0000	5.895

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0329	<.0000	1.248
SDev	.0003	.0017	.0027	.0008	.0024	.2311	.015
%RSD	526.5	25.46	44.03	17.66	7.170	6.247	1.175
#1	<.0000	<.0000	<.0000	<.0000	.0312	<.0000	1.228
#2	<.0000	<.0000	<.0000	<.0000	.0362	<.0000	1.250
#3	.0004	<.0000	<.0000	<.0000	.0312	<.0000	1.264
#4	<.0000	<.0000	<.0000	<.0000	.0329	<.0000	1.250

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0381	<.0000	4.365	.0293	<.0000	<.0000	.0776
SDev	.0004	.0039	.042	.0071	.0165	.0301	.1036
%RSD	1.044	6813.	.9514	24.23	49.08	59.95	133.5
#1	.0383	<.0000	4.388	.0300	<.0000	<.0000	.0342
#2	.0383	<.0000	4.368	.0256	<.0000	<.0000	.1036
#3	.0383	<.0000	4.399	.0389	<.0000	<.0000	.2077
#4	.0375	.0047	4.306	.0226	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.2525	<.0000	<.0000	<.0000
SDev	.0201	.2199	.0009	.0007
%RSD	7.966	10620.	11.88	841.0
#1	.2785	<.0000	<.0000	<.0000
#2	.2512	<.0000	<.0000	.0008
#3	.2293	.3098	<.0000	<.0000
#4	.2512	<.0000	<.0000	<.0000

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Method: IECW Sample Name: 110 Operator: it
Run Time: 01/29/02 15:26:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0577	.0134	.0280	<.0000	24.08
SDev	.0017	.0084	.0631	.0022	.0004	.0000	.05
%RSD	18.32	15.95	109.5	16.46	1.505	.0000	.1870
#1	<.0000	<.0000	<.0000	.0112	.0277	<.0000	24.13
#2	<.0000	<.0000	.0651	.0156	.0284	<.0000	24.11
#3	<.0000	<.0000	.0996	.0149	.0277	<.0000	24.06
#4	<.0000	<.0000	.0998	.0118	.0284	<.0000	24.03

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0011	<.0000	<.0000	<.0000	.0588	<.0000	8.095
SDev	.0013	.0012	.0014	.0004	.0039	.1657	.028
%RSD	116.7	22.82	38.27	8.381	6.687	8.175	.3484
#1	.0007	<.0000	<.0000	<.0000	.0592	<.0000	8.113
#2	.0020	<.0000	<.0000	<.0000	.0559	<.0000	8.103
#3	.0020	<.0000	<.0000	<.0000	.0642	<.0000	8.110
#4	<.0000	<.0000	<.0000	<.0000	.0559	<.0000	8.053

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.1614	<.0000	27.85	.0246	<.0000	<.0000	.0397
SDev	.0011	.0039	.13	.0031	.0087	.0192	.1247
%RSD	.6978	776.8	.4703	12.49	31.62	61.51	314.4
#1	.1629	<.0000	27.76	.0283	<.0000	<.0000	<.0000
#2	.1614	.0042	27.97	.0253	<.0000	<.0000	.2045
#3	.1606	<.0000	27.71	.0238	<.0000	<.0000	.0656
#4	.1606	<.0000	27.95	.0209	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.111	.2000	<.0000	<.0000
SDev	.013	.1093	.0009	.0004
%RSD	1.202	54.66	13.96	28.99
#1	1.094	.2988	<.0000	<.0000
#2	1.111	.1771	<.0000	<.0000
#3	1.127	.2684	<.0000	<.0000
#4	1.111	.0555	<.0000	<.0000

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Analysis Report 01/29/02 03:30:22 PM

Method: IECW Sample Name: 163 Operator: it
Run Time: 01/29/02 15:28:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0345	.0031	.0123	<.0000	5.913
SDev	.0015	.0119	.0504	.0014	.0004	.0001	.031
%RSD	16.47	28.12	146.2	44.96	2.942	28.57	.5201
#1	<.0000	<.0000	.0634	.0051	.0121	<.0000	5.945
#2	<.0000	<.0000	.0577	.0026	.0129	<.0000	5.930
#3	<.0000	<.0000	.0579	.0020	.0121	<.0000	5.876
#4	<.0000	<.0000	<.0000	.0026	.0121	<.0000	5.900

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0354	<.0000	1.243
SDev	.0020	.0012	.0007	.0011	.0022	.4276	.022
%RSD	282.7	22.15	14.32	23.20	6.078	12.37	1.794
#1	.0011	<.0000	<.0000	<.0000	.0362	<.0000	1.271
#2	.0004	<.0000	<.0000	<.0000	.0345	<.0000	1.250
#3	<.0000	<.0000	<.0000	<.0000	.0329	<.0000	1.225
#4	<.0000	<.0000	<.0000	<.0000	.0379	<.0000	1.225

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0344	.0058	7.865	.0208	<.0000	<.0000	.1643
SDev	.0006	.0045	.053	.0054	.0086	.0348	.1398
%RSD	1.890	77.39	.6704	26.24	23.08	138.0	85.11
#1	.0351	.0094	7.863	.0270	<.0000	.0250	.2423
#2	.0344	<.0000	7.936	.0137	<.0000	<.0000	.2770
#3	.0336	.0094	7.809	.0211	<.0000	<.0000	.1730
#4	.0344	.0047	7.851	.0211	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4760	<.0000	<.0000	<.0000
SDev	.0190	.0719	.0020	.0007
%RSD	4.000	221.1	27.52	74.21
#1	.4964	.0663	<.0000	<.0000
#2	.4856	<.0000	<.0000	<.0000
#3	.4529	<.0000	<.0000	<.0000
#4	.4693	<.0000	<.0000	<.0000

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Analysis Report 01/29/02 03:33:05 PM

Method: IECW Sample Name: 164 Operator: it
Run Time: 01/29/02 15:31:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0099	.0043	.0118	<.0000	5.922
SDev	.0010	.0092	.0524	.0008	.0004	.0000	.026
%RSD	9.497	17.97	528.4	18.19	3.569	.0000	.4472
#1	<.0000	<.0000	.0346	.0045	.0114	<.0000	5.956
#2	<.0000	<.0000	<.0000	.0051	.0121	<.0000	5.919
#3	<.0000	<.0000	.0637	.0032	.0114	<.0000	5.891
#4	<.0000	<.0000	<.0000	.0045	.0121	<.0000	5.920

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0349	<.0000	1.237
SDev	.0003	.0023	.0010	.0008	.0016	.3011	.018
%RSD	16.18	39.45	14.70	14.92	4.585	7.710	1.435
#1	<.0000	<.0000	<.0000	<.0000	.0329	<.0000	1.250
#2	<.0000	<.0000	<.0000	<.0000	.0362	<.0000	1.218
#3	<.0000	<.0000	<.0000	<.0000	.0362	<.0000	1.225
#4	<.0000	<.0000	<.0000	<.0000	.0345	<.0000	1.253

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0371	<.0000	7.369	.0222	<.0000	<.0000	.1210
SDev	.0005	.0077	.075	.0084	.0096	.0478	.1313
%RSD	1.236	161.4	1.019	37.74	25.63	105.7	108.6
#1	.0375	<.0000	7.352	.0285	<.0000	<.0000	.2077
#2	.0367	<.0000	7.473	.0108	<.0000	<.0000	.2077
#3	.0367	.0047	7.294	.0211	<.0000	<.0000	<.0000
#4	.0375	<.0000	7.356	.0285	<.0000	<.0000	.1383

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4597	.0512	<.0000	<.0000
SDev	.0136	.0393	.0007	.0007
%RSD	2.959	76.67	9.038	38.91
#1	.4583	.0968	<.0000	<.0000
#2	.4420	.0056	<.0000	<.0000
#3	.4638	.0360	<.0000	<.0000
#4	.4747	.0664	<.0000	<.0000

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Analysis Report 01/29/02 03:35:06 PM

Method: IECW Sample Name: 165 Operator: it
Run Time: 01/29/02 15:33:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0304	.0040	.0114	<.0000	6.008
SDev	.0007	.0032	.0663	.0011	.0000	.0001	.009
%RSD	6.096	5.407	218.4	26.72	.0090	22.22	.1525
#1	<.0000	<.0000	<.0000	.0039	.0114	<.0000	6.008
#2	<.0000	<.0000	<.0000	.0045	.0114	<.0000	6.020
#3	<.0000	<.0000	.0173	.0026	.0114	<.0000	5.998
#4	<.0000	<.0000	.1277	.0051	.0114	<.0000	6.004

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0374	<.0000	1.214
SDev	.0013	.0021	.0011	.0008	.0021	.3089	.014
%RSD	227.3	33.06	14.66	227.4	5.591	7.780	1.147
#1	.0004	<.0000	<.0000	<.0000	.0379	<.0000	1.228
#2	<.0000	<.0000	<.0000	<.0000	.0379	<.0000	1.211
#3	<.0000	<.0000	<.0000	.0007	.0395	<.0000	1.221
#4	.0004	<.0000	<.0000	<.0000	.0345	<.0000	1.196

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0256	<.0000	7.176	.0293	<.0000	<.0000	.0603
SDev	.0006	.0027	.055	.0073	.0165	.0100	.1146
%RSD	2.542	113.2	.7729	24.91	37.87	33.29	190.2
#1	.0264	<.0000	7.114	.0389	<.0000	<.0000	.0689
#2	.0256	<.0000	7.225	.0285	<.0000	<.0000	.0343
#3	.0248	<.0000	7.145	.0285	<.0000	<.0000	<.0000
#4	.0256	<.0000	7.221	.0211	<.0000	<.0000	.2077

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.4257	.0208	<.0000	.0006
SDev	.0214	.0527	.0004	.0013
%RSD	5.018	253.4	4.310	229.7
#1	.4311	<.0000	<.0000	<.0000
#2	.4148	.0360	<.0000	<.0000
#3	.4039	.0360	<.0000	.0017
#4	.4530	.0665	<.0000	.0017

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Analysis Report 01/29/02 03:40:09 PM

Method: IECW Sample Name: cb Operator: it
Run Time: 01/29/02 15:38:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0009	.0044	.0246	.0002	.0000	.0000	<.0000
SDev	.0012	.0088	.0805	.0011	.0000	.0001	.0010
%RSD	126.7	201.2	327.5	696.8	272.8	200.0	76.75
#1	.0018	.0104	<.0000	<.0000	.0000	.0000	<.0000
#2	<.0000	<.0000	.0218	<.0000	.0000	.0000	<.0000
#3	.0013	<.0000	.0217	<.0000	<.0000	.0000	<.0000
#4	.0013	.0128	.1259	.0017	.0000	.0001	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0010	.0004	<.0000	.0004	.0008	.0180	<.0000
SDev	.0025	.0024	.0015	.0004	.0028	.2244	.0148
%RSD	255.2	638.3	311.2	99.96	340.9	1244.	335.4
#1	.0029	<.0000	.0003	.0002	<.0000	.1985	<.0000
#2	<.0000	.0027	<.0000	.0002	.0038	<.0000	<.0000
#3	.0029	.0019	.0012	.0011	.0021	.0541	.0177
#4	.0003	<.0000	<.0000	.0002	.0004	.1263	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	.0106	<.0000	.0125	<.0000	<.0000
SDev	.0005	.0024	.0180	.0075	.0085	.0192	.0350
%RSD	230.8	199.4	170.7	144.6	68.41	158600.	44.45
#1	<.0000	<.0000	.0357	<.0000	.0212	.0050	<.0000
#2	<.0000	<.0000	.0096	.0041	.0112	<.0000	<.0000
#3	.0002	<.0000	<.0000	<.0000	.0162	.0251	<.0000
#4	.0002	.0024	.0035	<.0000	.0012	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0209	<.0000	.0002	<.0000
SDev	.0225	.2263	.0007	.0000
%RSD	107.8	2984.	382.5	.2042
#1	.0105	<.0000	<.0000	<.0000
#2	.0209	.0000	<.0000	<.0000
#3	.0521	.2443	.0007	<.0000
#4	.0000	.0305	.0007	<.0000

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Analysis Report 01/29/02 03:42:19 PM

Method: IECW Sample Name: ipc Operator: it
Run Time: 01/29/02 15:40:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba2496	Ba4934	Be3130	Ca3179
Avge	.5353	1.009	.1057	.9529	.9948	.9689	.9724
SDev	.0022	.006	.0263	.0078	.0045	.0040	.0018
%RSD	.4193	.6324	24.91	.8220	.4521	.4107	.1799
#1	.5378	1.014	.1404	.9523	.9982	.9724	.9720
#2	.5347	1.007	.0999	.9636	.9982	.9710	.9748
#3	.5363	1.000	.1058	.9510	.9939	.9688	.9723
#4	.5326	1.013	.0767	.9448	.9888	.9634	.9705

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9888	.9727	.9438	.9638	.9891	.0271	.9573
SDev	.0053	.0055	.0069	.0025	.0017	.3082	.0050
%RSD	.5315	.5650	.7257	.2555	.1683	1139.	.5220
#1	.9931	.9698	.9468	.9634	.9916	<.0000	.9643
#2	.9892	.9785	.9453	.9668	.9883	<.0000	.9573
#3	.9918	.9760	.9493	.9643	.9883	.4150	.9537
#4	.9813	.9666	.9338	.9608	.9883	.1263	.9537

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9760	.9599	.9902	.9972	.9724	.8936	<.0000
SDev	.0015	.0178	.0188	.0027	.0204	.0259	.0598
%RSD	.1545	1.859	1.896	.2715	2.095	2.898	103.8
#1	.9762	.9847	1.005	.9958	.9774	.8635	<.0000
#2	.9770	.9422	.9710	.9987	.9824	.9237	<.0000
#3	.9770	.9563	.9771	.9943	.9425	.9036	<.0000
#4	.9738	.9563	1.007	1.000	.9874	.8836	.0036

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9320	1.088	.9766	.9770
SDev	.0135	.038	.0051	.0059
%RSD	1.444	3.532	.5192	.6008
#1	.9476	1.095	.9802	.9839
#2	.9268	1.126	.9809	.9741
#3	.9372	1.034	.9751	.9794
#4	.9163	1.096	.9700	.9705

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