

WTC samples

1/14/02 Cont'd			
31540 + Lab Dup + spk	30643		
31555	IPC+CB		
31553	30644 + Lab Dup + spk		
31557	30645		T
31559	30646		36
31561	30647		30
31563	30649		30
IPC+CB	30650		30
B/K IT WTC samples	30695		36
1/15/02	30696		36
5 STD	30703		8
IPC+CB	30704		3
LFB+LRB	IPC+CB		3
30602-Lab Dup + spk	LFB+LRB		31
30603	30705 + Lab Dup + spk		7
30604	20707		
30605	30708		
30606	30709		
30607	30711		
30608	30712		
30641	30713		
30692			

Reviewed by,
5.3/15/02

WTC sampler

11/15/02 ^{FT} cont'd

30902

30903

30904

FPC+CB

30905 - Lab Dup + spt

30906

30907

30908

933

~~30909~~

30934

30935

31017

31018

31019

FPC+CB

T. 95

Standardization Rpt.

01/15/02 09:47:47 AM

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Method: IECW Standard: STD1-Blank

Run Time: 01/15/02 09:46:04



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	1.310	3.734	.4070	.2590	.1450	.1900	3.857
SDev	.006	.018	.0277	.0053	.0011	.0000	.006
%RSD	.4828	.4811	6.815	2.043	.7963	.0000	.1556

#1	1.314	3.746	.4240	.2600	.1440	.1900	3.864
#2	1.308	3.714	.4140	.2540	.1440	.1900	3.852
#3	1.316	3.724	.3660	.2660	.1460	.1900	3.852
#4	1.302	3.752	.4240	.2560	.1460	.1900	3.860

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.2540	2.399	.9180	.5770	.0020	5.400	1.247
SDev	.0040	.023	.0023	.0026	.0037	.012	.005
%RSD	1.575	.9585	.2516	.4475	182.6	.2270	.4036

#1	.2560	2.372	.9160	.5740	.0060	5.404	1.248
#2	.2560	2.408	.9160	.5800	.0040	5.388	1.248
#3	.2480	2.426	.9200	.5760	.0000	5.394	1.240
#4	.2560	2.392	.9200	.5780	-.0020	5.416	1.252

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0870	.1160	1.885	.4530	.6850	.1355	.1155
SDev	.0011	.0033	.010	.0035	.0131	.0025	.0066
%RSD	1.327	2.816	.5435	.7647	1.915	1.857	5.721

#1	.0880	.1160	1.876	.4560	.6960	.1360	.1140
#2	.0860	.1160	1.882	.4500	.6880	.1360	.1160
#3	.0860	.1200	1.884	.4560	.6900	.1380	.1240
#4	.0880	.1120	1.900	.4500	.6660	.1320	.1080

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.305	.1275	.6610	.1410
SDev	.003	.0068	.0020	.0011
%RSD	.2654	5.339	.3026	.8189

#1	1.304	.1360	.6600	.1420
#2	1.302	.1220	.6600	.1400
#3	1.310	.1300	.6600	.1420
#4	1.304	.1220	.6640	.1400

Standardization Rpt.

01/15/02 09:50:25 AM

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Method: IECW Standard: STD6

Run Time: 01/15/02 09:49:03

Elem	Ag3280
Avge	41.74
SDev	.32
%RSD	.7617

#1	41.81
#2	41.59
#3	42.16
#4	41.42

Standardization Rpt.

01/15/02 09:52:55 AM

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Method: IECW Standard: STD3

Run Time: 01/15/02 09:51:12

Elem	Al3082	Be3130	Fe2599	Mo2020	Na5889	Ni2316	Sb2068
Avge	22.00	215.3	12.94	5.185	12.14	15.17	1.306
SDev	.11	1.3	.05	.046	.08	.08	.014
%RSD	.5010	.5819	.4001	.8911	.6589	.5045	1.071

#1	21.95	214.9	12.93	5.142	12.12	15.11	1.288
#2	21.87	213.8	12.88	5.150	12.03	15.11	1.304
#3	22.10	216.2	12.97	5.212	12.21	15.18	1.314
#4	22.08	216.4	13.00	5.236	12.18	15.27	1.320

Elem	Tl1908
Avge	.9625
SDev	.0087
%RSD	.9038

#1	.9540
#2	.9580
#3	.9740
#4	.9640

Standardization Rpt.

01/15/02 09:54:48 AM

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Method: IECW Standard: STD4

Run Time: 01/15/02 09:53:26

Elem	As1936	B_2496	Cr2677	Se1960	Si2881
Avge	4.571	34.88	43.72	.8245	5.252
SDev	.094	.16	.20	.0072	.021
%RSD	2.062	.4483	.4485	.8718	.3933
#1	4.640	34.94	43.84	.8140	5.260
#2	4.482	34.85	43.67	.8280	5.244
#3	4.498	34.67	43.47	.8300	5.228
#4	4.664	35.04	43.91	.8260	5.276

Standardization Rpt.

01/15/02 09:57:15 AM

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Method: IECW Standard: STD2

Run Time: 01/15/02 09:55:53

Elem	Ba4934	Ca3179	Cd2288	Co2286	Cu3247	K_7664	Mg2790
Avge	27.96	87.97	34.04	118.3	25.34	10.98	7.261
SDev	.14	.20	.05	.3	.12	.01	.008
%RSD	.4911	.2321	.1530	.2271	.4646	.1235	.1158

#1	28.14	88.27	34.11	118.7	25.50	10.98	7.270
#2	27.89	87.85	34.06	118.3	25.26	10.97	7.266
#3	28.00	87.94	33.98	118.0	25.35	11.00	7.252
#4	27.83	87.82	34.03	118.2	25.24	10.98	7.256

Elem	Mn2576	Pb2203	Zn2138
Avge	26.97	5.154	25.92
SDev	.09	.029	.11
%RSD	.3167	.5685	.4055

#1	27.10	5.180	26.07
#2	26.92	5.160	25.84
#3	26.95	5.112	25.90
#4	26.92	5.164	25.86

Standardization Rpt.

01/15/02 09:59:24 AM

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Method: IECW Standard: STD5

Run Time: 01/15/02 09:58:01

Elem	V_2924
Avge	30.48
SDev	.13
%RSD	.4404

#1	30.58
#2	30.61
#3	30.35
#4	30.38

Analysis Report

01/15/02 10:07:41 AM

page 1

Method: IECW Sample Name: 1bc

Operator: it

Run Time: 01/15/02 10:05:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4985	1.049	.0042	.9856	1.006	.9880	1.034
SDev	.0025	.009	.0302	.0101	.003	.0051	.006
%RSD	.5087	.8580	726.7	1.027	.3033	.5129	.6278

#1	.4957	1.050	<.0000	.9705	1.001	.9812	1.027
#2	.5001	1.049	<.0000	.9901	1.008	.9908	1.036
#3	.5011	1.060	.0378	.9907	1.006	.9927	1.042
#4	.4972	1.038	.0139	.9913	1.006	.9872	1.031

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.018	1.019	.9874	.9858	1.036	.0457	1.011
SDev	.007	.006	.0059	.0035	.003	.2695	.021
%RSD	.7204	.5964	.5983	.3543	.3302	589.2	2.099

#1	1.008	1.010	.9791	.9809	1.033	<.0000	.9822
#2	1.019	1.022	.9931	.9890	1.040	.3110	1.032
#3	1.025	1.024	.9889	.9874	1.037	.2378	1.009
#4	1.022	1.019	.9884	.9858	1.034	<.0000	1.019

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.015	.9661	1.039	1.036	1.013	1.046	.0370
SDev	.005	.0178	.021	.012	.013	.065	.0933
%RSD	.4649	1.844	1.979	1.195	1.274	6.184	252.0

#1	1.010	.9433	1.054	1.019	.9985	.9984	<.0000
#2	1.014	.9670	1.011	1.037	1.030	.9813	.1006
#3	1.021	.9868	1.035	1.048	1.012	1.101	.1288
#4	1.017	.9671	1.054	1.042	1.012	1.101	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.072	1.015	.9889	1.005
SDev	.011	.030	.0030	.004
%RSD	.9803	2.988	.3052	.4436

#1	1.071	.9725	.9847	.9983
#2	1.086	1.021	.9914	1.008
#3	1.060	1.045	.9908	1.006
#4	1.071	1.021	.9888	1.008

Analysis Report

01/15/02 10:17:40 AM

page 1

Method: IECW Sample Name: cb

Run Time: 01/15/02 10:15:55

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0182	<.0000	<.0000	<.0000	<.0000
SDev	.0008	.0050	.0449	.0009	.0004	.0001	.0014
%RSD	45.54	57.16	246.7	24.24	66.78	8.553	62.55

#1	<.0000	<.0000	.0772	<.0000	<.0000	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#3	<.0000	<.0000	.0291	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	<.0000	.0012	<.0000	<.0000
SDev	.0011	.0016	.0008	.0000	.0008	.2711	.0148
%RSD	191.5	82.15	68.38	.0041	66.59	27.70	197.1

#1	.0003	<.0000	<.0000	<.0000	.0008	<.0000	.0075
#2	<.0000	<.0000	<.0000	<.0000	.0008	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000	.0023	<.0000	<.0000
#4	.0003	<.0000	<.0000	<.0000	.0008	<.0000	.0008

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	<.0000	.0034	<.0000	.0172	<.0000
SDev	.0004	.0023	.0073	.0059	.0160	.0099	.0815
%RSD	66.82	14.45	26.88	173.9	57.03	57.59	165.0

#1	<.0000	<.0000	<.0000	<.0000	<.0000	.0257	.0494
#2	<.0000	<.0000	<.0000	.0058	<.0000	.0086	<.0000
#3	<.0000	<.0000	<.0000	.0044	<.0000	.0086	<.0000
#4	<.0000	<.0000	<.0000	.0085	<.0000	.0257	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0294	<.0000	<.0000	<.0000
SDev	.0197	.0824	.0014	.0017
%RSD	67.13	170.8	75.68	126.8

#1	.0511	<.0000	<.0000	.0004
#2	.0409	<.0000	<.0000	<.0000
#3	.0153	<.0000	<.0000	<.0000
#4	.0102	.0603	<.0000	<.0000

Analysis Report

01/15/02 10:34:59 AM

page 1

Method: IECW Sample Name: lfb
 Run Time: 01/15/02 10:33:14
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0168	.2333	.2270	.2388	.2420	.0464	.0044
SDev	.0007	.0095	.0252	.0010	.0007	.0001	.0021
%RSD	4.412	4.056	11.10	.4183	.2974	.2587	48.27

#1	.0172	.2212	.2464	.2396	.2416	.0463	.0024
#2	.0172	.2333	.2221	.2391	.2416	.0463	.0048
#3	.0157	.2344	.1932	.2391	.2431	.0465	.0031
#4	.0172	.2443	.2461	.2373	.2416	.0464	.0072

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0981	.0968	.2337	.2436	.2515	<.0000	<.0000
SDev	.0025	.0020	.0025	.0000	.0053	.1656	.0147
%RSD	2.530	2.072	1.062	.0001	2.090	18.29	344.8

#1	.0992	.0954	.2326	.2436	.2588	<.0000	.0124
#2	.0944	.0948	.2317	.2436	.2511	<.0000	<.0000
#3	.0992	.0985	.2331	.2436	.2465	<.0000	<.0000
#4	.0998	.0986	.2373	.2436	.2496	<.0000	.0024

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2448	.0956	.0318	.2459	.2328	.1924	.2464
SDev	.0006	.0046	.0094	.0063	.0212	.0086	.1096
%RSD	.2484	4.767	29.50	2.570	9.103	4.463	44.47

#1	.2448	.0917	.0284	.2523	.2474	.1881	.2889
#2	.2440	.0917	.0205	.2374	.2339	.2053	.2606
#3	.2455	.0996	.0421	.2483	.2473	.1881	.3454
#4	.2448	.0996	.0362	.2455	.2024	.1881	.0908

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.1410	.2815	.0934	.2431
SDev	.0249	.1248	.0010	.0007
%RSD	17.65	44.33	1.077	.3057

#1	.1268	.3175	.0939	.2421
#2	.1320	.2215	.0925	.2429
#3	.1269	.4377	.0925	.2436
#4	.1781	.1494	.0945	.2436

Analysis Report

01/15/02 10:41:50 AM

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Method: IECW Sample Name: lrb

Operator: it

Run Time: 01/15/02 10:40:04

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0033	.0168	<.0000	<.0000	<.0000	.0001	.0043
SDev	.0006	.0052	.0556	.0011	.0000	.0000	.0008
%RSD	17.11	31.22	501.5	153.0	17.83	.0000	19.19

#1	.0038	.0091	.0179	.0001	<.0000	.0001	.0046
#2	.0038	.0201	<.0000	.0001	<.0000	.0001	.0050
#3	.0028	.0179	.0275	<.0000	<.0000	.0001	.0046
#4	.0028	.0201	.0033	<.0000	<.0000	.0001	.0031

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	.0003	.0010	.0010	<.0000	1.005	.0292
SDev	.0013	.0016	.0018	.0004	.0022	.158	.0116
%RSD	895.7	623.9	170.2	40.02	93.94	15.71	39.60

#1	<.0000	<.0000	<.0000	.0004	<.0000	.9503	.0392
#2	.0015	.0009	.0008	.0012	<.0000	1.240	.0192
#3	.0009	<.0000	<.0000	.0012	<.0000	.9141	.0192
#4	<.0000	.0022	.0036	.0012	<.0000	.9141	.0392

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	.0039	.0612	.0041	.0044	.0128	<.0000
SDev	.0000	.0050	.0272	.0014	.0112	.0293	.0669
%RSD	35.12	126.2	44.45	33.35	252.0	228.7	470.5

#1	<.0000	.0049	.0323	.0048	<.0000	.0515	.0353
#2	<.0000	.0089	.0480	.0020	.0100	.0171	.0353
#3	<.0000	.0049	.0950	.0048	.0101	<.0000	<.0000
#4	<.0000	<.0000	.0695	.0048	.0100	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0884	<.0000	.0029	.0004
SDev	.0175	.1007	.0003	.0008
%RSD	19.81	172700.	11.75	201.0

#1	.0858	<.0000	.0027	.0008
#2	.0653	.1020	.0027	.0008
#3	.1063	.0060	.0027	.0008
#4	.0960	.0299	.0034	<.0000

Analysis Report

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Method: IECW Sample Name: 30602
 Run Time: 01/15/02 10:43:54
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0042	.0366	.0564	.0040	.0141	.0001	6.118
SDev	.0009	.0058	.0298	.0013	.0004	.0000	.045
%RSD	21.34	15.97	52.76	32.41	2.921	.0000	.7353
#1	.0047	.0369	.0793	.0027	.0145	.0001	6.181
#2	.0052	.0435	.0503	.0055	.0145	.0001	6.094
#3	.0037	.0292	.0168	.0044	.0138	.0001	6.079
#4	.0032	.0369	.0793	.0032	.0138	.0001	6.116
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0005	.0008	.0014	.0017	.0253	1.050	1.335
SDev	.0011	.0019	.0015	.0012	.0020	.356	.013
%RSD	215.6	228.1	103.7	72.62	7.902	33.95	.9427
#1	<.0000	.0035	.0033	.0035	.0230	1.457	1.353
#2	.0008	<.0000	.0019	.0011	.0261	1.240	1.333
#3	.0020	.0001	.0000	.0011	.0277	.7331	1.323
#4	<.0000	.0008	.0005	.0011	.0246	.7693	1.333
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0222	.0058	7.655	.0041	.0257	<.0000	<.0000
SDev	.0006	.0020	.039	.0017	.0113	.0198	.0812
%RSD	2.735	33.95	.5113	41.81	43.87	6150.	279.5
#1	.0222	.0088	7.677	.0058	.0235	<.0000	.0629
#2	.0222	.0048	7.620	.0044	.0414	.0168	<.0000
#3	.0215	.0048	7.626	.0017	.0145	.0169	<.0000
#4	.0229	.0048	7.700	.0044	.0235	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.014	.0698	.0023	.0018			
SDev	.026	.0793	.0014	.0010			
%RSD	2.526	113.7	61.16	54.33			
#1	1.047	.1238	.0040	.0022			
#2	1.016	<.0000	.0026	.0015			
#3	1.006	.0278	.0019	.0030			
#4	.9856	.1478	.0006	.0007			

Analysis Report

01/15/02 10:47:48 AM

page 1

Method: IECW Sample Name: 30602lab dup

Operator: it

Run Time: 01/15/02 10:46:01

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0026 ⁴²	.0234 ⁴⁶	<.0000	.0027	.0139 ⁴¹	.0001	6.118 ⁶¹¹⁸
SDev	.0015	.0101	.0306	.0024	.0004	.0001	.012
%RSD	58.39	43.12	503.8	92.33	2.575	57.73	.1977

#1	.0013	.0116	.0025	.0050	.0138	.0000	6.124
#2	.0018	.0193	<.0000	.0032	.0145	.0001	6.127
#3	.0027	.0281	<.0000	<.0000	.0138	.0000	6.122
#4	.0047	.0347	.0311	.0032	.0138	.0001	6.100

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000 ⁴	<.0000 ⁸	.0011 ¹⁴	.0015 ¹⁷	.0250 ¹⁷	.9413	1.321 ¹³³⁵
SDev	.0009	.0023	.0015	.0008	.0019	.4806	.006
%RSD	110.2	617.2	139.0	55.13	7.791	51.06	.4835

#1	<.0000	<.0000	.0005	.0011	.0246	.9503	1.313
#2	<.0000	.0008	.0000	.0011	.0230	.4797	1.319
#3	<.0000	.0004	.0005	.0011	.0246	.7331	1.326
#4	<.0000	.0011	.0033	.0027	.0277	1.602	1.326

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0216 ²²²	.0058 ⁵⁸	7.660 ⁷⁶⁵⁵	.0051 ⁴¹	.0123	<.0000	.1054
SDev	.0004	.0020	.013	.0103	.0107	.0344	.0879
%RSD	1.721	34.00	.1689	200.9	87.02	12170.	83.45

#1	.0222	.0088	7.673	<.0000	.0235	.0169	.0064
#2	.0215	.0048	7.653	.0153	.0011	.0169	.0629
#3	.0215	.0048	7.669	.0126	.0055	.0169	.2043
#4	.0215	.0048	7.645	<.0000	.0190	<.0000	.1477

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.006	.0698	.0016 ²³	.0009 ¹⁸
SDev	.014	.0769	.0009	.0017
%RSD	1.440	110.1	53.69	196.5

#1	.9857	.0998	.0013	.0030
#2	1.016	<.0000	.0019	<.0000
#3	1.006	.1238	.0006	<.0000
#4	1.016	.0998	.0026	.0015

Analysis Report

01/15/02 10:55:45 AM

page 1

Method: IECW Sample Name: 30602spk

Operator: it

Run Time: 01/15/02 10:53:57

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag ⁴² 3280	Al ³⁴⁶ 3082	As ¹⁹³⁶	B ²⁴⁹⁶	Ba ⁴⁹³⁴	Be ³¹³⁰	Ca ³¹⁷⁹
Avge	.0192	.2688	.2617	.2569	.2693	.0496	5.901
SDev	.0012	.0052	.0878	.0018	.0019	.0004	.038
%RSD	6.440	1.947	33.56	.6975	.7013	.8320	.6401

#1	.0176	.2655	.2208	.2543	.2676	.0490	5.850
#2	.0206	.2743	.1821	.2572	.2676	.0494	5.894
#3	.0191	.2633	.3847	.2583	.2712	.0498	5.922
#4	.0196	.2721	.2593	.2577	.2705	.0500	5.936

Elem	Cd ²²⁸⁸	Co ²²⁸⁶	Cr ²⁶⁷⁷	Cu ³²⁴⁷	Fe ²⁵⁹⁹	K ⁷⁶⁶⁴	Mg ²⁷⁹⁰
Avge	.1038	.1022	.2484	.2536	.2838	<.0000	1.272
SDev	.0014	.0025	.0023	.0023	.0032	.2763	.009
%RSD	1.397	2.412	.9384	.9195	1.121	61.06	.6896

#1	.1044	.1029	.2464	.2507	.2811	<.0000	1.259
#2	.1027	.1015	.2468	.2532	.2811	<.0000	1.279
#3	.1027	.0991	.2515	.2540	.2858	<.0000	1.276
#4	.1056	.1050	.2487	.2564	.2873	<.0000	1.272

Elem	Mn ²⁵⁷⁶	Mo ²⁰²⁰	Na ⁵⁸⁸⁹	Ni ²³¹⁶	Pb ²²⁰³	Sb ²⁰⁶⁸	Se ¹⁹⁶⁰
Avge	.2785	.1024	7.434	.2677	.2641	.2307	.3164
SDev	.0013	.0038	.049	.0135	.0067	.0329	.1058
%RSD	.4625	3.689	.6567	5.057	2.554	14.25	33.45

#1	.2774	.0995	7.406	.2656	.2697	.2565	.1750
#2	.2774	.1073	7.379	.2588	.2562	.2221	.4295
#3	.2796	.0995	7.473	.2874	.2697	.1878	.3164
#4	.2796	.1034	7.477	.2588	.2607	.2565	.3446

Elem	Si ²⁸⁸¹	Tl ¹⁹⁰⁸	V ²⁹²⁴	Zn ²¹³⁸
Avge	1.073	.2433	.1000	.2562
SDev	.015	.1091	.0014	.0031
%RSD	1.405	44.86	1.382	1.221

#1	1.058	.0993	.0985	.2529
#2	1.093	.3153	.0998	.2598
#3	1.073	.3394	.0998	.2544
#4	1.068	.2193	.1019	.2575

Analysis Report

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page 1

Method: IECW Sample Name: 30603

Operator: it

Run Time: 01/15/02 10:56:51

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0021	.0209	.0265	.0038	.0141	.0001	6.108
SDev	.0016	.0080	.0506	.0013	.0004	.0000	.035
%RSD	74.40	37.98	191.0	32.74	2.957	.0000	.5770

#1	.0008	.0138	<.0000	.0044	.0145	.0001	6.095
#2	.0032	.0303	.0601	.0038	.0138	.0001	6.159
#3	.0037	.0248	.0795	.0050	.0145	.0001	6.080
#4	.0008	.0149	<.0000	.0021	.0138	.0001	6.096

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0011	.0018	.0017	.0304	.8055	1.321
SDev	.0007	.0011	.0008	.0010	.0034	.2026	.016
%RSD	146.2	96.72	44.63	60.96	11.27	25.16	1.245

#1	.0002	<.0000	.0014	.0003	.0292	.6607	1.319
#2	<.0000	.0011	.0028	.0019	.0338	.8779	1.343
#3	<.0000	.0009	.0019	.0027	.0323	1.059	1.303
#4	<.0000	.0025	.0010	.0019	.0261	.6245	1.319

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0272	.0078	7.322	.0082	.0257	<.0000	.0063
SDev	.0004	.0059	.065	.0023	.0135	.0314	.0400
%RSD	1.364	76.01	.8938	28.38	52.35	90.55	630.8

#1	.0274	.0167	7.281	.0072	.0325	<.0000	.0347
#2	.0274	.0048	7.389	.0112	.0055	<.0000	.0346
#3	.0267	.0048	7.253	.0058	.0325	<.0000	<.0000
#4	.0274	.0048	7.367	.0085	.0325	<.0000	.0064

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9434	.0398	.0021	.0005
SDev	.0106	.0416	.0006	.0007
%RSD	1.120	104.6	30.35	152.6

#1	.9293	.0278	.0013	<.0000
#2	.9446	.0037	.0026	<.0000
#3	.9447	.0998	.0026	.0007
#4	.9549	.0278	.0019	.0015

Analysis Report

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page 1

Method: IECW Sample Name: 30604
 Run Time: 01/15/02 11:13:25
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0043	.0431	.0253	.0155	.0298	.0001	24.05
SDev	.0031	.0205	.0259	.0012	.0006	.0001	.15
%RSD	71.47	47.58	102.1	7.611	1.937	54.43	.6172

#1	.0025	.0376	.0363	.0156	.0291	.0001	24.05
#2	.0035	.0365	.0122	.0139	.0299	.0001	23.91
#3	.0025	.0255	.0557	.0156	.0298	.0000	23.97
#4	.0089	.0728	<.0000	.0167	.0305	.0002	24.25

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0009	.0010	.0043	.0141	.0944	2.860	8.019
SDev	.0022	.0019	.0035	.0025	.0029	.871	.058
%RSD	238.3	180.3	82.76	17.69	3.107	30.44	.7181

#1	.0040	<.0000	.0016	.0127	.0921	2.254	8.015
#2	<.0000	.0008	.0049	.0143	.0921	2.688	7.955
#3	<.0000	<.0000	.0016	.0119	.0952	2.362	8.011
#4	.0011	.0038	.0090	.0176	.0982	4.136	8.095

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0755	.0073	26.51	.0130	.0178	.0029	<.0000
SDev	.0007	.0038	.06	.0034	.0198	.0493	.0844
%RSD	.9431	51.54	.2136	26.41	111.2	1707.	2093.

#1	.0745	.0123	26.52	.0164	<.0000	<.0000	<.0000
#2	.0760	.0083	26.43	.0137	.0369	<.0000	.0880
#3	.0753	.0044	26.55	.0082	.0055	<.0000	<.0000
#4	.0760	.0044	26.53	.0136	.0323	.0672	.0312

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.779	.2331	.0040	.0021
SDev	.044	.1055	.0026	.0012
%RSD	2.478	45.27	65.21	55.68

#1	1.752	.2811	.0016	.0035
#2	1.768	.1852	.0036	.0011
#3	1.753	.1130	.0030	.0027
#4	1.845	.3530	.0077	.0011

Analysis Report

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page 1

Method: IECW Sample Name: 30605

Run Time: 01/15/02 11:19:45

Operator: it

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0088	.0611	.0248	.0055	.0148	.0002	6.135
SDev	.0014	.0035	.0265	.0019	.0004	.0001	.022
%RSD	16.14	5.696	106.9	34.08	2.792	22.22	.3668

#1	.0107	.0655	.0597	.0055	.0145	.0002	6.116
#2	.0077	.0622	.0308	.0032	.0152	.0002	6.124
#3	.0092	.0589	.0067	.0078	.0152	.0001	6.167
#4	.0077	.0578	.0019	.0055	.0145	.0002	6.132

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0020	.0045	.0062	.0118	.0296	1.946	1.353
SDev	.0037	.0013	.0029	.0012	.0019	.433	.018
%RSD	185.2	29.35	46.57	10.30	6.577	22.25	1.351

#1	.0008	.0056	.0094	.0132	.0323	2.398	1.363
#2	.0026	.0027	.0038	.0108	.0292	1.783	1.326
#3	<.0000	.0052	.0037	.0124	.0276	2.181	1.366
#4	.0067	.0044	.0080	.0108	.0292	1.421	1.356

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0190	.0068	7.188	.0085	.0313	.0254	<.0000
SDev	.0007	.0023	.020	.0035	.0173	.0099	.1093
%RSD	3.742	33.59	.2837	41.30	55.43	39.12	374.7

#1	.0185	.0088	7.199	.0071	.0413	.0168	<.0000
#2	.0192	.0048	7.177	.0099	.0369	.0339	<.0000
#3	.0200	.0048	7.165	.0126	.0414	.0168	.1194
#4	.0185	.0088	7.210	.0044	.0055	.0340	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.133	.0697	.0065	.0028
SDev	.019	.0863	.0011	.0010
%RSD	1.706	123.8	17.69	34.73

#1	1.119	.1957	.0080	.0038
#2	1.114	.0037	.0060	.0030
#3	1.150	.0277	.0066	.0015
#4	1.150	.0517	.0053	.0030

Analysis Report

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page 1

Method: IECW Sample Name: 30606

Operator: it

Run Time: 01/15/02 11:24:09

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0085	.0590	.0391	.0103	.0234	.0002	16.70
SDev	.0008	.0073	.0889	.0032	.0000	.0000	.08
%RSD	9.483	12.31	227.6	30.49	.0344	.0000	.4638

#1	.0095	.0684	.1390	.0122	.0234	.0002	16.78
#2	.0085	.0596	<.0000	.0128	.0234	.0002	16.60
#3	.0085	.0508	<.0000	.0058	.0234	.0002	16.72
#4	.0075	.0574	.0861	.0105	.0234	.0002	16.71

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0005	.0039	.0061	.0127	.0403	2.842	5.240
SDev	.0009	.0011	.0034	.0008	.0029	.197	.025
%RSD	183.8	29.30	56.22	6.087	7.333	6.929	.4675

#1	.0012	.0052	.0063	.0137	.0410	3.122	5.254
#2	<.0000	.0042	.0087	.0129	.0380	2.833	5.204
#3	.0012	.0038	.0082	.0121	.0441	2.724	5.254
#4	.0000	.0024	.0012	.0121	.0379	2.688	5.250

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0295	.0065	18.69	.0130	.0279	.0162	.0539
SDev	.0004	.0040	.09	.0035	.0172	.0314	.0845
%RSD	1.256	60.36	.4687	27.11	61.59	193.8	156.8

#1	.0301	.0125	18.72	.0089	.0413	.0333	<.0000
#2	.0294	.0046	18.57	.0171	.0055	<.0000	.0327
#3	.0294	.0046	18.77	.0143	.0234	.0505	.0327
#4	.0294	.0046	18.69	.0116	.0414	<.0000	.1741

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.658	.2076	.0065	.0026
SDev	.023	.1406	.0006	.0010
%RSD	1.369	67.72	8.468	37.33

#1	1.676	.0454	.0071	.0013
#2	1.624	.2376	.0065	.0036
#3	1.665	.1655	.0065	.0028
#4	1.665	.3816	.0058	.0028

Analysis Report

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page 1

Method: IECW Sample Name: 30607

Operator: it

Run Time: 01/15/02 11:28:19

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0073	.0575	.0513	.0035	.0154	.0002	6.464
SDev	.0025	.0138	.0321	.0012	.0004	.0001	.015
%RSD	33.75	23.97	62.64	34.30	2.328	42.55	.2358

#1	.0077	.0654	.0115	.0038	.0152	.0001	6.459
#2	.0087	.0643	.0404	.0049	.0159	.0003	6.485
#3	.0092	.0632	.0838	.0032	.0152	.0002	6.465
#4	.0037	.0368	.0697	.0021	.0152	.0001	6.448

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0013	.0028	.0049	.0101	.0361	1.692	1.340
SDev	.0022	.0028	.0013	.0018	.0009	.561	.022
%RSD	176.6	98.14	27.30	17.66	2.461	33.16	1.631

#1	<.0000	.0039	.0047	.0091	.0354	1.566	1.332
#2	.0014	.0006	.0065	.0107	.0369	2.109	1.372
#3	.0044	.0063	.0051	.0124	.0354	2.145	1.329
#4	<.0000	.0006	.0033	.0083	.0369	.9503	1.326

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0189	.0068	7.504	.0126	.0369	.0340	.0345
SDev	.0004	.0023	.066	.0043	.0213	.0444	.0800
%RSD	2.274	33.51	.8776	34.21	57.85	130.7	231.8

#1	.0185	.0088	7.578	.0167	.0413	<.0000	.0345
#2	.0192	.0088	7.432	.0071	.0503	.0168	.0910
#3	.0192	.0048	7.471	.0153	.0503	.0511	.0911
#4	.0185	.0048	7.537	.0112	.0055	.0855	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.160	.0877	.0058	.0036
SDev	.012	.1201	.0020	.0015
%RSD	1.018	136.9	34.51	40.99

#1	1.170	<.0000	.0053	.0015
#2	1.170	.0997	.0080	.0046
#3	1.150	.2438	.0066	.0038
#4	1.150	.0517	.0033	.0046

Analysis Report

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page 1

Method: IECW Sample Name: 30608

Operator: it

Run Time: 01/15/02 11:33:12

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0075	.0576	.0368	.0077	.0179	.0002	19.09
SDev	.0016	.0101	.0485	.0010	.0004	.0001	.05
%RSD	20.89	17.58	131.8	12.83	2.022	22.22	.2430

#1	.0070	.0502	.0598	.0064	.0173	.0001	19.11
#2	.0085	.0568	<.0000	.0087	.0180	.0002	19.05
#3	.0090	.0722	.0933	.0076	.0180	.0002	19.14
#4	.0055	.0513	.0067	.0082	.0180	.0002	19.05

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0047	.0086	.0114	.0297	2.208	8.899
SDev	.0011	.0012	.0021	.0008	.0020	.364	.022
%RSD	259.8	24.96	24.14	6.786	6.702	16.47	.2523

#1	<.0000	.0051	.0093	.0104	.0320	1.819	8.906
#2	.0005	.0031	.0093	.0112	.0274	2.398	8.866
#3	<.0000	.0058	.0102	.0120	.0289	2.616	8.913
#4	.0005	.0048	.0056	.0120	.0305	2.000	8.913

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0144	.0063	11.91	.0107	.0447	.0156	.1088
SDev	.0007	.0040	.02	.0053	.0205	.0371	.0425
%RSD	4.930	62.70	.1472	49.79	45.84	237.4	39.03

#1	.0150	.0122	11.93	.0161	.0189	<.0000	.1441
#2	.0143	.0043	11.89	.0093	.0414	.0156	.1441
#3	.0150	.0043	11.90	.0134	.0683	.0671	.0875
#4	.0135	.0043	11.90	.0039	.0504	<.0000	.0593

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	4.076	.1779	.0063	.0023
SDev	.030	.0690	.0006	.0008
%RSD	.7435	38.78	8.693	33.42

#1	4.058	.1359	.0056	.0012
#2	4.053	.2801	.0063	.0027
#3	4.119	.1359	.0070	.0027
#4	4.073	.1599	.0063	.0027

Analysis Report

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page 1

Method: IECW Sample Name: 30641

Operator: it

Run Time: 01/15/02 11:36:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0073	.0611	.0332	.0045	.0148	.0002	6.166
SDev	.0008	.0112	.0493	.0013	.0004	.0001	.018
%RSD	11.54	18.43	148.5	28.38	2.802	22.22	.2910

#1	.0072	.0644	.0452	.0038	.0152	.0002	6.148
#2	.0077	.0699	<.0000	.0061	.0152	.0002	6.165
#3	.0082	.0655	.0790	.0032	.0145	.0002	6.160
#4	.0062	.0446	.0455	.0050	.0145	.0001	6.191

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0005	.0039	.0050	.0049	.0280	1.602	1.366
SDev	.0011	.0010	.0018	.0017	.0039	.462	.019
%RSD	216.1	26.12	35.19	34.02	13.80	28.82	1.382

#1	.0020	.0047	.0047	.0051	.0292	1.674	1.379
#2	<.0000	.0039	.0070	.0051	.0276	1.747	1.366
#3	.0008	.0046	.0056	.0067	.0323	2.036	1.339
#4	<.0000	.0025	.0028	.0027	.0230	.9503	1.379

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0241	.0097	7.824	.0160	.0481	.0125	<.0000
SDev	.0004	.0020	.048	.0106	.0058	.0165	.0744
%RSD	1.785	20.23	.6154	66.09	12.06	132.0	171.9

#1	.0237	.0088	7.820	.0207	.0413	.0168	<.0000
#2	.0244	.0127	7.847	.0275	.0458	<.0000	<.0000
#3	.0237	.0088	7.759	.0031	.0548	<.0000	<.0000
#4	.0244	.0088	7.870	.0126	.0504	.0340	.0628

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.203	.0637	.0056	.0018
SDev	.023	.1118	.0021	.0013
%RSD	1.922	175.5	37.01	72.98

#1	1.206	.0997	.0060	.0030
#2	1.221	.1957	.0073	.0007
#3	1.216	.0277	.0066	.0030
#4	1.170	<.0000	.0026	.0007

Analysis Report

01/15/02 11:41:47 AM

page 1

Method: IECW Sample Name: 30642

Run Time: 01/15/02 11:40:03

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0072	.0558	.0610	.0050	.0152	.0002	6.177
SDev	.0019	.0152	.0338	.0014	.0000	.0001	.013
%RSD	25.71	27.16	55.45	28.58	.0089	22.22	.2121

#1	.0072	.0611	.0934	.0038	.0152	.0002	6.163
#2	.0077	.0611	.0211	.0067	.0152	.0002	6.193
#3	.0092	.0677	.0452	.0055	.0152	.0002	6.181
#4	.0047	.0336	.0842	.0038	.0152	.0001	6.169

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0016	.0039	.0053	.0049	.0292	1.557	1.374
SDev	.0016	.0011	.0009	.0008	.0025	.518	.008
%RSD	99.80	29.42	16.82	15.79	8.638	33.29	.6108

#1	.0008	.0037	.0051	.0043	.0323	1.747	1.386
#2	.0002	.0040	.0047	.0051	.0292	1.493	1.373
#3	.0038	.0052	.0065	.0059	.0292	2.109	1.373
#4	.0014	.0025	.0047	.0043	.0261	.8779	1.366

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0244	.0107	7.335	.0197	.0346	<.0000	.0203
SDev	.0000	.0068	.057	.0062	.0093	.0493	.0748
%RSD	.0033	63.70	.7711	31.54	26.97	1053.	367.6

#1	.0244	.0048	7.302	.0289	.0458	<.0000	.0345
#2	.0244	.0206	7.394	.0180	.0369	<.0000	<.0000
#3	.0244	.0088	7.273	.0167	.0234	.0511	.1193
#4	.0244	.0088	7.369	.0153	.0324	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.166	.0937	.0060	.0016
SDev	.025	.0495	.0006	.0013
%RSD	2.166	52.84	9.169	80.52

#1	1.129	.1477	.0060	<.0000
#2	1.185	.0997	.0060	.0022
#3	1.175	.0276	.0066	.0015
#4	1.175	.0997	.0053	.0030

Analysis Report

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Method: IECW Sample Name: 30643

Operator: it

Run Time: 01/15/02 11:43:04

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0109	.0773	.0812	.0047	.0159	.0003	6.201
SDev	.0019	.0099	.0390	.0014	.0006	.0001	.021
%RSD	17.56	12.85	48.03	29.48	3.685	15.38	.3453

#1	.0102	.0644	.1368	.0038	.0152	.0003	6.209
#2	.0092	.0776	.0788	.0032	.0159	.0003	6.170
#3	.0136	.0886	.0497	.0061	.0166	.0003	6.216
#4	.0107	.0787	.0595	.0055	.0159	.0002	6.211

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0027	.0056	.0076	.0231	.0288	2.263	1.383
SDev	.0015	.0010	.0017	.0004	.0026	.414	.013
%RSD	53.94	17.47	22.09	1.749	9.160	18.31	.9238

#1	.0044	.0056	.0051	.0229	.0276	1.855	1.373
#2	.0008	.0042	.0084	.0229	.0292	1.964	1.373
#3	.0032	.0063	.0079	.0237	.0261	2.688	1.386
#4	.0026	.0063	.0089	.0229	.0323	2.543	1.399

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0252	.0058	6.990	.0194	.0514	.0167	<.0000
SDev	.0006	.0050	.045	.0047	.0221	.0313	.0744
%RSD	2.410	85.82	.6408	24.30	42.95	187.4	493.4

#1	.0252	.0048	7.050	.0153	.0324	<.0000	.0910
#2	.0244	.0048	6.965	.0180	.0323	.0339	<.0000
#3	.0252	.0127	6.948	.0180	.0682	<.0000	<.0000
#4	.0259	.0008	6.999	.0262	.0727	.0511	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.235	.0216	.0083	.0067
SDev	.013	.0600	.0009	.0007
%RSD	1.037	277.9	10.41	11.10

#1	1.237	<.0000	.0073	.0069
#2	1.221	.0997	.0080	.0061
#3	1.252	.0276	.0093	.0077
#4	1.232	.0036	.0087	.0061

Analysis Report

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Method: IECW Sample Name: ipc

Operator: it

Run Time: 01/15/02 11:49:47

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4979	1.048	.0761	.9963	1.007	1.010	1.044
SDev	.0006	.010	.0380	.0074	.006	.004	.003
%RSD	.1285	.9649	49.92	.7411	.6172	.3923	.2455
#1	.4976	1.051	.0485	.9923	1.001	1.007	1.045
#2	.4986	1.061	.1156	.9986	1.004	1.011	1.048
#3	.4971	1.046	.1014	.9888	1.007	1.008	1.043
#4	.4981	1.036	.0391	1.006	1.016	1.016	1.042
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.018	1.026	.9992	.9856	1.038	1.0000	1.013
SDev	.008	.004	.0039	.0047	.004	.4637	.008
%RSD	.8083	.3703	.3941	.4756	.4299	237.9	.8303
#1	1.009	1.024	.9937	.9805	1.034	<.0000	1.004
#2	1.027	1.027	.9998	.9845	1.042	.3620	1.014
#3	1.013	1.021	1.000	.9854	1.034	<.0000	1.024
#4	1.022	1.030	1.003	.9918	1.042	<.0000	1.010
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.025	.9427	1.022	1.040	1.016	1.082	<.0000
SDev	.004	.0195	.020	.006	.005	.024	.0714
%RSD	.3950	2.071	1.999	.5666	.4438	2.243	365.6
#1	1.022	.9140	1.024	1.037	1.019	1.082	<.0000
#2	1.025	.9496	1.018	1.040	1.019	1.099	.0514
#3	1.022	.9576	.9986	1.034	1.010	1.048	<.0000
#4	1.030	.9497	1.048	1.048	1.019	1.099	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.082	1.077	.9979	1.005			
SDev	.021	.119	.0012	.008			
%RSD	1.981	11.05	.1165	.7889			
#1	1.051	1.217	.9969	.9937			
#2	1.083	.9264	.9989	1.005			
#3	1.094	1.096	.9969	1.009			
#4	1.099	1.071	.9989	1.012			

Analysis Report

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page 1

Method: IECW Sample Name: cb

Operator: it

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Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280_	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0001	.0125	.0599	<.0000	<.0000	<.0000	.0003
SDev	.0024	.0101	.0523	.0005	.0004	.0001	.0030
%RSD	1932.	80.94	87.29	14.13	46.08	7.963	1015.

#1	<.0000	.0075	.0540	<.0000	<.0000	<.0000	<.0000
#2	.0036	.0252	.0777	<.0000	<.0000	<.0000	.0042
#3	<.0000	.0152	.1163	<.0000	<.0000	<.0000	.0009
#4	<.0000	.0019	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0012	<.0000	<.0000	<.0000	<.0000	.0928	<.0000
SDev	.0020	.0008	.0014	.0012	.0026	.5209	.0143
%RSD	170.1	197.3	299.4	59.98	48.73	561.3	282.7

#1	.0031	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000
#2	.0019	<.0000	.0015	<.0000	<.0000	.7332	.0017
#3	.0013	<.0000	<.0000	<.0000	<.0000	.2877	.0118
#4	<.0000	.0006	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	<.0000	<.0000	.0024	<.0000	.0343	.0638
SDev	.0004	.0065	.0262	.0080	.0077	.0325	.0425
%RSD	66.62	31.10	587.8	336.3	25130.	94.82	66.65

#1	<.0000	<.0000	<.0000	<.0000	<.0000	.0558	.0284
#2	<.0000	<.0000	.0347	.0078	.0101	<.0000	.0851
#3	<.0000	<.0000	<.0000	<.0000	<.0000	.0386	.1135
#4	<.0000	<.0000	<.0000	.0106	.0011	.0558	.0284

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.0319	.0121	<.0000	<.0000
SDev	.0097	.0441	.0015	.0012
%RSD	30.41	365.1	147.9	74.91

#1	.0373	.0605	<.0000	<.0000
#2	.0426	.0362	.0012	<.0000
#3	.0266	<.0000	<.0000	<.0000
#4	.0213	<.0000	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 30644

Run Time: 01/15/02 14:00:03

Comment:

Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0042	.0303	<.0000	.0052	.0152	.0000	6.441
SDev	.0019	.0026	.0613	.0010	.0004	.0001	.030
%RSD	44.20	8.663	500.0	18.88	2.749	100.0	.4627

#1	.0046	.0276	.0673	.0065	.0155	<.0000	6.442
#2	.0046	.0331	<.0000	.0048	.0148	.0001	6.439
#3	.0016	.0287	<.0000	.0054	.0148	.0001	6.479
#4	.0061	.0320	.0046	.0042	.0155	.0001	6.406

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0023	.0002	.0037	.0249	.0291	1.813	1.438
SDev	.0014	.0024	.0020	.0009	.0015	.379	.008
%RSD	61.34	1007.	54.07	3.750	5.072	20.92	.5377

#1	.0014	.0027	.0059	.0241	.0288	1.696	1.432
#2	.0008	.0008	.0045	.0257	.0303	2.020	1.432
#3	.0038	<.0000	.0012	.0241	.0303	1.337	1.445
#4	.0032	.0005	.0031	.0257	.0272	2.199	1.445

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0239	.0019	7.401	.0075	<.0000	<.0000	.0063
SDev	.0006	.0020	.063	.0019	.0085	.0172	.1161
%RSD	2.545	106.1	.8554	25.80	365.8	5332.	1844.

#1	.0239	.0009	7.402	.0088	.0033	<.0000	<.0000
#2	.0231	.0009	7.356	.0088	.0033	.0083	<.0000
#3	.0239	.0009	7.491	.0075	<.0000	.0083	.0916
#4	.0246	.0048	7.356	.0048	<.0000	.0083	.1201

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9248	<.0000	.0028	.0009
SDev	.0043	.0521	.0011	.0000
%RSD	.4609	253.6	41.21	.0469

#1	.9195	<.0000	.0026	.0009
#2	.9248	<.0000	.0033	.0009
#3	.9247	.0518	.0013	.0009
#4	.9300	<.0000	.0040	.0009

Analysis Report

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page 1

Method: IECW Sample Name: 30644lab dup

Operator: it

Run Time: 01/15/02 14:03:02

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0034 ⁴²	.0210 ³³	.0240	.0065	.0146 ¹⁵²	<.0000	6.437 ⁶⁴⁴¹
SDev	.0009	.0124	.0246	.0008	.0004	.0001	.029
%RSD	28.19	59.07	102.4	12.49	2.438	191.5	.4548
#1	.0041	.0375	.0238	.0065	.0148	.0001	6.466
#2	.0021	.0210	<.0000	.0060	.0148	<.0000	6.435
#3	.0031	.0077	.0338	.0077	.0141	<.0000	6.397
#4	.0041	.0177	.0481	.0059	.0148	<.0000	6.449
Elem	Cd2288	Co2286	Cr2677	Cu3247 ²⁴⁹	Fe2599 ²⁹¹	K_7664	Mg2790
Avg	.0011 ²	.0025 ²	.0030 ³⁷	.0247	.0303 ²⁹¹	1.589	1.412 ¹⁴³⁸
SDev	.0020	.0013	.0018	.0012	.0038	.240	.023
%RSD	176.1	50.57	58.33	4.906	12.49	15.10	1.624
#1	.0008	.0037	.0045	.0257	.0334	1.732	1.408
#2	.0008	.0020	.0013	.0233	.0257	1.230	1.391
#3	<.0000	.0010	.0017	.0241	.0334	1.696	1.405
#4	.0038	.0034	.0045	.0257	.0288	1.696	1.445
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0233 ²⁵⁹	<.0000 ¹⁹	7.388 ⁷⁴⁰¹	.0017 ¹⁵	.0033	.0212	.0988
SDev	.0004	.0023	.033	.0044	.0104	.0381	.1401
%RSD	1.591	208.3	.4464	257.7	313.7	179.9	141.8
#1	.0231	.0009	7.431	.0048	<.0000	.0083	<.0000
#2	.0231	<.0000	7.396	<.0000	.0123	.0083	.2055
#3	.0231	.0009	7.356	<.0000	.0124	.0771	<.0000
#4	.0239	<.0000	7.370	.0061	<.0000	<.0000	.2339
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.9065	.0519	.0014 ²⁸	.0003 ⁹			
SDev	.0163	.0985	.0008	.0007			
%RSD	1.795	189.8	58.57	257.4			
#1	.9300	.1001	.0026	.0009			
#2	.9039	.1243	.0006	.0001			
#3	.8934	<.0000	.0013	<.0000			
#4	.8986	.0760	.0013	.0009			

Analysis Report

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page 1

Method: IECW Sample Name: 30644spk

Operator: it

Run Time: 01/15/02 14:10:22

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag ³²⁸⁰	Al ³⁰⁸²	As ¹⁹³⁶	B ²⁴⁹⁶	Ba ⁴⁹³⁴	Be ³¹³⁰	Ca ³¹⁷⁹
Avge	.0216	.2841	.2674	.2626	.2741	.0512	6.367
SDev	.0018	.0041	.0094	.0018	.0009	.0002	.021
%RSD	8.253	1.437	25.95	.6810	.3383	.3142	.3330

#1	.0199	.2879	.3529	.2650	.2737	.0512	6.345
#2	.0219	.2824	.2325	.2627	.2751	.0515	6.393
#3	.0239	.2868	.2903	.2616	.2730	.0511	6.356
#4	.0204	.2791	.1940	.2610	.2744	.0512	6.374

Elem	Cd ²²⁸⁸	Co ²²⁸⁶	Cr ²⁶⁷⁷	Cu ³²⁴⁷	Fe ²⁵⁹⁹	K ⁷⁶⁶⁴	Mg ²⁷⁹⁰
Avge	.1087	.1084	.2549	.2791	.2938	1.140	1.401
SDev	.0017	.0021	.0008	.0010	.0053	.539	.018
%RSD	1.564	1.913	.3158	.3738	1.798	47.24	1.309

#1	.1062	.1070	.2537	.2787	.2992	1.194	1.381
#2	.1092	.1073	.2551	.2803	.2869	.5475	1.405
#3	.1098	.1115	.2551	.2779	.2930	1.840	1.425
#4	.1098	.1078	.2556	.2795	.2961	.9784	1.395

Elem	Mn ²⁵⁷⁶	Mo ²⁰²⁰	Na ⁵⁸⁸⁹	Ni ²³¹⁶	Pb ²²⁰³	Sb ²⁰⁶⁸	Se ¹⁹⁶⁰
Avge	.2852	.1025	7.359	.2723	.2527	.1965	.2825
SDev	.0014	.0067	.035	.0059	.0140	.0140	.0272
%RSD	.4939	6.589	.4713	2.177	5.542	7.142	9.637

#1	.2843	.0956	7.370	.2774	.2639	.2137	.3181
#2	.2873	.0995	7.358	.2679	.2324	.1965	.2612
#3	.2850	.1035	7.313	.2774	.2549	.1793	.2896
#4	.2843	.1114	7.396	.2665	.2594	.1965	.2612

Elem	Si ²⁸⁸¹	Ti ¹⁹⁰⁸	V ²⁹²⁴	Zn ²¹³⁸
Avge	1.016	.2382	.1026	.2620
SDev	.012	.0747	.0009	.0016
%RSD	1.223	31.35	.9252	.6168

#1	1.014	.2443	.1012	.2601
#2	1.009	.1719	.1026	.2640
#3	1.035	.3407	.1032	.2616
#4	1.009	.1960	.1032	.2624

Analysis Report

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page 1

Method: IECW Sample Name: 30645

Operator: it

Run Time: 01/15/02 14:13:35

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0015	.0174	.0567	.0174	.0306	<.0000	25.36
SDev	.0006	.0084	.0552	.0007	.0003	.0000	.19
%RSD	43.14	48.14	97.40	4.236	1.108	.0000	.7586

#1	.0023	.0062	.0774	.0165	.0301	<.0000	25.07
#2	.0008	.0227	.0096	.0171	.0308	<.0000	25.47
#3	.0013	.0249	.0144	.0182	.0308	<.0000	25.45
#4	.0013	.0161	.1254	.0177	.0308	<.0000	25.46

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0021	.0002	.0033	.0297	.0969	2.648	8.429
SDev	.0018	.0014	.0009	.0005	.0015	.139	.069
%RSD	87.16	618.6	26.40	1.564	1.579	5.252	.8219

#1	.0005	.0000	.0027	.0293	.0962	2.630	8.328
#2	.0022	.0019	.0035	.0301	.0992	2.522	8.479
#3	.0046	.0003	.0045	.0301	.0961	2.845	8.442
#4	.0011	<.0000	.0026	.0292	.0961	2.594	8.469

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0853	.0014	27.72	.0016	.0078	<.0000	.0599
SDev	.0007	.0020	.16	.0039	.0230	.0164	.0837
%RSD	.8304	139.9	.5835	235.1	293.4	288.9	139.9

#1	.0844	.0004	27.51	.0017	<.0000	<.0000	<.0000
#2	.0851	.0004	27.68	<.0000	<.0000	<.0000	.0029
#3	.0858	.0004	27.82	.0071	.0078	.0072	.1452
#4	.0858	.0044	27.87	<.0000	.0394	.0072	.1167

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.714	.1492	.0009	.0007
SDev	.022	.0639	.0009	.0004
%RSD	1.299	42.82	100.4	54.05

#1	1.686	.1614	.0003	.0005
#2	1.707	.0888	.0009	.0013
#3	1.739	.2336	.0003	.0005
#4	1.723	.1129	.0023	.0005

Analysis Report

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page 1

Method: IECW Sample Name: 30646

Operator: it

Run Time: 01/15/02 14:19:26

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0026	.0224	.0241	.0085	.0191	<.0000	12.98
SDev	.0008	.0065	.0316	.0018	.0000	.0000	.05
%RSD	32.01	28.80	131.0	21.24	.0282	.0000	.4126

#1	.0015	.0255	.0072	.0099	.0191	<.0000	12.90
#2	.0025	.0299	.0312	.0093	.0191	<.0000	13.00
#3	.0035	.0188	.0651	.0087	.0191	<.0000	13.02
#4	.0030	.0155	<.0000	.0059	.0191	<.0000	13.00

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0020	.0017	.0027	.0100	.0233	1.463	4.974
SDev	.0024	.0008	.0024	.0004	.0009	.324	.016
%RSD	120.8	50.16	86.54	4.057	3.857	22.18	.3297

#1	.0018	.0021	.0051	.0102	.0241	1.876	4.954
#2	.0006	.0026	.0032	.0102	.0225	1.481	4.994
#3	.0054	.0013	.0032	.0102	.0240	1.409	4.974
#4	.0001	.0007	<.0000	.0094	.0225	1.086	4.974

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0153	.0026	9.484	.0005	<.0000	.0206	.0758
SDev	.0004	.0051	.064	.0057	.0140	.0086	.0493
%RSD	2.438	194.1	.6760	1245.	305.7	41.66	65.01

#1	.0154	<.0000	9.398	.0066	<.0000	.0077	.0900
#2	.0154	.0046	9.474	<.0000	.0033	.0249	.0900
#3	.0154	.0086	9.534	.0039	<.0000	.0249	.0047
#4	.0147	.0007	9.532	<.0000	.0078	.0250	.1185

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	2.292	.1187	.0016	.0017
SDev	.024	.0341	.0014	.0007
%RSD	1.062	28.74	85.56	43.81

#1	2.263	.0946	.0031	.0015
#2	2.299	.1187	.0018	.0007
#3	2.320	.1669	.0018	.0023
#4	2.284	.0946	<.0000	.0023

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page 1

Method: IECW Sample Name: 30647

Operator: it

Run Time: 01/15/02 14:22:06

Comment:

Mode: CONC Corr. Factor: .1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0014	.0163	<.0000	.0052	.0154	<.0000	6.528
SDev	.0005	.0051	.0512	.0014	.0004	.0000	.030
%RSD	35.82	31.54	163.6	27.58	2.328	.0000	.4637

#1	.0016	.0110	<.0000	.0048	.0155	<.0000	6.563
#2	.0016	.0165	<.0000	.0036	.0155	<.0000	6.529
#3	.0006	.0232	.0337	.0054	.0148	<.0000	6.489
#4	.0016	.0143	<.0000	.0071	.0155	<.0000	6.532

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0007	.0001	.0013	.0077	.0473	1.140	1.285
SDev	.0020	.0016	.0016	.0008	.0025	.358	.011
%RSD	298.0	1082.	123.3	10.03	5.327	31.44	.8610

#1	.0008	.0025	.0036	.0071	.0473	1.050	1.298
#2	<.0000	<.0000	.0008	.0071	.0443	.7629	1.271
#3	.0014	<.0000	<.0000	.0087	.0473	1.122	1.288
#4	.0026	<.0000	.0008	.0079	.0504	1.625	1.284

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0135	<.0000	7.521	.0048	<.0000	<.0000	<.0000
SDev	.0000	.0038	.027	.0049	.0114	.0258	.0520
%RSD	.0060	3866.	.3531	101.2	66.98	118.5	102.9

#1	.0135	.0009	7.546	.0075	<.0000	<.0000	<.0000
#2	.0135	.0048	7.534	<.0000	<.0000	<.0000	<.0000
#3	.0135	<.0000	7.485	.0048	<.0000	<.0000	<.0000
#4	.0135	<.0000	7.518	.0089	<.0000	<.0000	.0064

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8609	<.0000	.0008	.0007
SDev	.0265	.0821	.0011	.0010
%RSD	3.074	311.5	148.5	144.3

#1	.8675	<.0000	.0013	.0009
#2	.8518	.0521	.0006	.0016
#3	.8309	.0038	<.0000	<.0000
#4	.8936	<.0000	.0019	.0009

Analysis Report

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page 1

Method: IECW Sample Name: 30649

Run Time: 01/15/02 14:25:59

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0020	.0224	<.0000	.0058	.0143	<.0000	6.120
SDev	.0027	.0053	.0449	.0016	.0004	.0001	.011
%RSD	132.7	23.59	329700.	27.20	2.509	76.98	.1735

#1	.0016	.0166	.0434	.0066	.0141	<.0000	6.121
#2	.0051	.0287	.0336	.0077	.0148	<.0000	6.118
#3	<.0000	.0243	<.0000	.0048	.0141	<.0000	6.134
#4	.0026	.0199	<.0000	.0042	.0141	<.0000	6.108

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0016	<.0000	.0017	.0011	.0269	1.373	1.297
SDev	.0016	.0022	.0013	.0010	.0015	.448	.015
%RSD	99.59	929.7	80.01	98.22	5.485	32.65	1.162

#1	.0008	<.0000	.0009	.0007	.0273	1.481	1.298
#2	.0002	.0018	.0036	.0023	.0288	1.840	1.318
#3	.0014	<.0000	.0009	<.0000	.0257	.7629	1.284
#4	.0038	.0015	.0013	.0015	.0257	1.409	1.288

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0241	<.0000	7.612	.0007	<.0000	<.0000	.0491
SDev	.0004	.0000	.064	.0083	.0119	.0513	.0493
%RSD	1.542	.1226	.8440	1182.	55.49	389.7	100.4

#1	.0239	<.0000	7.671	<.0000	<.0000	<.0000	.0064
#2	.0246	<.0000	7.526	.0089	<.0000	.0599	.0917
#3	.0239	<.0000	7.651	.0062	<.0000	<.0000	.0064
#4	.0239	<.0000	7.602	<.0000	<.0000	<.0000	.0918

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	.8413	.0762	.0004	<.0000
SDev	.0280	.0812	.0018	.0011
%RSD	3.327	106.6	401.4	162.3

#1	.8465	.1727	<.0000	<.0000
#2	.8727	.0520	.0019	.0009
#3	.8047	<.0000	.0006	<.0000
#4	.8413	.1004	.0013	<.0000

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page 1

Method: IECW Sample Name: 30650

Operator: it

Run Time: 01/15/02 14:28:23

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0040	.0251	<.0000	.0061	.0145	<.0000	6.162
SDev	.0018	.0125	.0710	.0014	.0004	.0001	.005
%RSD	44.64	49.71	196.1	23.64	2.867	12e6	.0866

#1	.0031	.0188	<.0000	.0065	.0141	<.0000	6.169
#2	.0026	.0111	<.0000	.0060	.0148	<.0000	6.159
#3	.0066	.0387	.0576	.0042	.0148	.0001	6.164
#4	.0036	.0320	<.0000	.0077	.0141	.0001	6.157

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0022	.0013	.0015	.0023	.0296	1.508	1.320
SDev	.0016	.0011	.0015	.0009	.0020	.486	.006
%RSD	72.26	81.56	100.5	41.05	6.747	32.20	.4331

#1	.0008	.0008	<.0000	.0015	.0304	1.230	1.318
#2	.0044	.0005	.0013	.0015	.0319	.9784	1.314
#3	.0020	.0011	.0013	.0031	.0288	1.804	1.328
#4	.0014	.0029	.0036	.0031	.0273	2.020	1.321

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0274	<.0000	7.058	.0085	<.0000	.0040	.0562
SDev	.0004	.0038	.035	.0044	.0239	.0164	.0748
%RSD	1.357	3669.	.4896	51.16	350.6	410.1	133.2

#1	.0276	.0009	7.042	.0116	.0033	.0083	.1202
#2	.0276	<.0000	7.108	.0048	<.0000	<.0000	.0064
#3	.0276	.0048	7.029	.0048	<.0000	.0255	.1201
#4	.0269	<.0000	7.054	.0130	.0123	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8570	.0520	.0018	<.0000
SDev	.0135	.0859	.0014	.0004
%RSD	1.576	165.1	77.72	23.54

#1	.8622	.1003	.0006	<.0000
#2	.8517	<.0000	.0006	<.0000
#3	.8726	<.0000	.0026	<.0000
#4	.8413	.1485	.0033	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 30695

Operator: it

Run Time: 01/15/02 14:31:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0027	.0232	.0180	.0053	.0141	<.0000	6.120
SDev	.0010	.0171	.0340	.0010	.0000	.0000	.018
%RSD	37.14	73.54	188.7	18.73	.0128	.0000	.2977

#1	.0016	.0177	<.0000	.0043	.0141	<.0000	6.126
#2	.0021	.0122	.0435	.0054	.0141	<.0000	6.141
#3	.0036	.0144	.0049	.0066	.0141	<.0000	6.115
#4	.0036	.0486	.0478	.0048	.0141	<.0000	6.098

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0011	.0018	.0014	.0019	.0284	1.382	1.302
SDev	.0018	.0014	.0014	.0008	.0029	.200	.016
%RSD	164.5	76.07	97.65	43.22	10.28	14.44	1.213

#1	.0032	.0030	.0018	.0015	.0242	1.302	1.288
#2	<.0000	.0006	<.0000	.0015	.0288	1.194	1.324
#3	.0002	.0006	.0009	.0015	.0304	1.373	1.298
#4	.0020	.0030	.0032	.0031	.0304	1.661	1.298

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0257	.0029	7.536	.0061	.0022	.0040	<.0000
SDev	.0004	.0051	.035	.0084	.0149	.0258	.0850
%RSD	1.669	178.1	.4604	136.7	680.8	642.4	568.6

#1	.0261	<.0000	7.507	.0089	.0123	<.0000	.0633
#2	.0261	.0009	7.578	<.0000	.0169	.0255	.0064
#3	.0254	.0088	7.552	.0130	<.0000	.0255	.0064
#4	.0254	.0048	7.509	.0089	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8674	.0340	.0014	<.0000
SDev	.0181	.0911	.0006	.0012
%RSD	2.092	268.1	44.42	1236.

#1	.8727	.0521	.0013	<.0000
#2	.8412	.1486	.0019	.0009
#3	.8832	<.0000	.0006	.0009
#4	.8727	.0038	.0019	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 30696

Run Time: 01/15/02 14:34:04

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0025	.0224	.0506	.0050	.0145	<.0000	6.148
SDev	.0017	.0028	.0598	.0014	.0004	.0001	.022
%RSD	69.29	12.33	118.2	29.13	2.868	326.6	.3640

#1	.0016	.0232	.0289	.0071	.0141	<.0000	6.149
#2	.0046	.0221	.0433	.0042	.0148	<.0000	6.170
#3	.0006	.0188	.1350	.0042	.0141	<.0000	6.154
#4	.0031	.0254	<.0000	.0042	.0148	.0001	6.117

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0029	.0010	.0013	.0013	.0280	1.355	1.324
SDev	.0006	.0028	.0010	.0004	.0020	.253	.011
%RSD	20.46	286.6	77.26	31.99	7.109	18.67	.8513

#1	.0032	.0011	.0008	.0015	.0288	1.445	1.308
#2	.0020	.0032	.0013	.0015	.0304	.9784	1.331
#3	.0032	.0025	.0004	.0007	.0273	1.481	1.331
#4	.0032	<.0000	.0027	.0015	.0257	1.517	1.328

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0254	<.0000	7.081	.0078	<.0000	<.0000	<.0000
SDev	.0006	.0023	.026	.0053	.0129	.0216	.0486
%RSD	2.393	209.4	.3737	67.08	81.78	472.3	324.8

#1	.0246	<.0000	7.076	.0048	<.0000	<.0000	.0064
#2	.0261	<.0000	7.112	.0048	<.0000	.0255	.0348
#3	.0254	.0009	7.090	.0061	<.0000	<.0000	<.0000
#4	.0254	.0009	7.048	.0157	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8543	.0219	.0009	<.0000
SDev	.0132	.1138	.0009	.0013
%RSD	1.541	520.5	91.98	126.2

#1	.8517	.0521	<.0000	.0009
#2	.8726	.0520	.0013	<.0000
#3	.8412	.1244	.0019	<.0000
#4	.8517	<.0000	.0006	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 30703

Operator: it

Run Time: 01/15/02 14:36:07

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0030	.0188	.0024	.0066	.0141	<.0000	6.152
SDev	.0007	.0102	.0335	.0011	.0000	.0001	.027
%RSD	24.80	54.03	1373.	16.14	.0169	76.98	.4389

#1	.0036	.0243	<.0000	.0071	.0141	<.0000	6.114
#2	.0026	.0166	.0049	.0054	.0141	<.0000	6.177
#3	.0021	.0056	<.0000	.0060	.0141	<.0000	6.160
#4	.0036	.0287	.0481	.0077	.0141	<.0000	6.158

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0027	.0006	.0007	.0017	.0315	1.275	1.299
SDev	.0026	.0018	.0006	.0008	.0026	.488	.011
%RSD	93.70	293.6	80.72	46.42	8.368	38.31	.8550

#1	.0038	.0025	.0009	.0023	.0288	1.732	1.298
#2	.0032	<.0000	.0009	.0015	.0350	.5834	1.288
#3	.0050	<.0000	<.0000	.0007	.0319	1.373	1.314
#4	<.0000	.0018	.0013	.0023	.0304	1.409	1.298

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0302	<.0000	4.233	.0055	.0056	.0040	.0420
SDev	.0007	.0020	.029	.0057	.0304	.0293	.0748
%RSD	2.464	2006.	.6871	104.7	545.4	728.2	178.3

#1	.0298	.0009	4.208	.0116	.0484	.0083	<.0000
#2	.0298	.0009	4.275	<.0000	<.0000	<.0000	<.0000
#3	.0298	<.0000	4.223	.0089	<.0000	<.0000	.1202
#4	.0313	.0009	4.225	.0021	<.0000	.0427	.0917

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6268	<.0000	.0014	<.0000
SDev	.0135	.0462	.0011	.0012
%RSD	2.158	559.7	79.33	133.7

#1	.6320	.0038	.0026	.0009
#2	.6425	.0521	<.0000	<.0000
#3	.6111	<.0000	.0013	<.0000
#4	.6215	<.0000	.0019	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 30704

Run Time: 01/15/02 14:39:31

Operator: it

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0020	.0163	<.0000	.0064	.0138	<.0000	6.161
SDev	.0019	.0097	.0440	.0012	.0004	.0001	.009
%RSD	95.34	59.58	281.6	18.61	3.015	133.3	.1515

#1	.0001	.0067	<.0000	.0066	.0141	<.0000	6.157
#2	.0046	.0298	.0192	.0048	.0141	.0001	6.160
#3	.0011	.0144	.0194	.0077	.0134	<.0000	6.174
#4	.0021	.0144	<.0000	.0066	.0134	<.0000	6.152

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0016	<.0000	.0008	.0013	.0304	.9245	1.306
SDev	.0029	.0027	.0024	.0014	.0000	.4658	.015
%RSD	186.5	2528.	281.2	109.2	.0172	50.39	1.156

#1	<.0000	<.0000	<.0000	<.0000	.0304	.9066	1.308
#2	.0014	.0034	.0032	.0031	.0304	1.589	1.318
#3	.0020	<.0000	.0018	.0007	.0304	.5834	1.314
#4	.0050	.0005	.0009	.0015	.0304	.6193	1.284

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0304	<.0000	4.197	<.0000	<.0000	<.0000	.0420
SDev	.0007	.0023	.015	.0078	.0185	.0222	.0486
%RSD	2.342	209.8	.3576	330.0	117.1	8460.	115.8

#1	.0306	<.0000	4.202	<.0000	<.0000	<.0000	.0918
#2	.0313	.0009	4.188	<.0000	.0078	<.0000	.0633
#3	.0298	.0009	4.182	<.0000	<.0000	.0083	<.0000
#4	.0298	<.0000	4.216	.0089	<.0000	.0255	.0349

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6176	.0641	<.0000	<.0000
SDev	.0156	.0241	.0016	.0008
%RSD	2.530	37.60	2538.	269.0

#1	.6111	.0521	<.0000	<.0000
#2	.6372	.1003	.0019	<.0000
#3	.6006	.0520	<.0000	.0009
#4	.6216	.0521	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: ipc

Operator: it

Run Time: 01/15/02 14:45:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.5073	1.083	.0363	.9787	1.016	1.017	1.049
SDev	.0039	.007	.0417	.0098	.005	.007	.011
%RSD	.7616	.6022	115.0	1.002	.5198	.6416	1.010

#1	.5107	1.076	<.0000	.9929	1.023	1.022	1.059
#2	.5037	1.081	.0724	.9750	1.012	1.012	1.041
#3	.5107	1.092	.0482	.9767	1.019	1.023	1.057
#4	.5042	1.082	.0483	.9704	1.012	1.010	1.039

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.013	1.022	.9865	.9902	1.023	1.921	1.024
SDev	.013	.010	.0082	.0040	.007	.253	.025
%RSD	1.307	1.012	.8309	.4074	.6443	13.16	2.393

#1	1.013	1.026	.9908	.9941	1.026	1.589	1.040
#2	1.007	1.017	.9838	.9860	1.022	1.912	1.023
#3	1.032	1.035	.9950	.9933	1.031	1.984	1.044
#4	1.001	1.012	.9764	.9876	1.015	2.199	.9900

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.016	1.000	1.080	1.041	1.021	.9932	.0301
SDev	.005	.011	.021	.014	.017	.0570	.0958
%RSD	.5121	1.118	1.944	1.354	1.630	5.738	318.0

#1	1.019	.9844	1.059	1.056	1.001	.9502	<.0000
#2	1.015	1.008	1.067	1.022	1.019	1.002	.1439
#3	1.021	1.008	1.091	1.044	1.041	1.070	.0016
#4	1.009	1.000	1.104	1.041	1.023	.9502	.0586

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.016	1.112	.9995	1.023
SDev	.010	.056	.0059	.004
%RSD	.9746	5.009	.5865	.3579

#1	1.009	1.160	1.004	1.025
#2	1.030	1.063	.9938	1.025
#3	1.014	1.160	1.005	1.023
#4	1.009	1.064	.9952	1.018

Analysis Report

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page 1

Method: IECW Sample Name: cb
 Run Time: 01/15/02 14:47:43
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0002	.0017	<.0000	.0029	.0004	.0004	<.0000
SDev	.0013	.0080	.0427	.0005	.0000	.0001	.0019
%RSD	541.5	481.8	235.8	16.37	.2293	30.38	148.7

#1	<.0000	<.0000	.0303	.0029	.0004	.0004	<.0000
#2	.0022	.0063	<.0000	.0023	.0004	.0005	.0001
#3	<.0000	.0063	<.0000	.0029	.0004	.0003	<.0000
#4	<.0000	.0041	<.0000	.0035	.0004	.0003	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0015	.0009	<.0000	.0024	.0019	.0628	<.0000
SDev	.0014	.0020	.0013	.0013	.0031	.1565	.0135
%RSD	97.94	232.9	290.0	54.43	159.9	249.1	146.9

#1	.0003	.0003	<.0000	.0024	.0035	.1885	<.0000
#2	.0003	.0038	.0007	.0040	.0035	.1885	.0025
#3	.0033	.0003	.0007	.0024	<.0000	.0090	<.0000
#4	.0021	<.0000	<.0000	.0008	.0035	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0002	.0277	.0015	.0051	<.0000	<.0000	<.0000
SDev	.0000	.0050	.0166	.0092	.0324	.0243	.0358
%RSD	.4160	17.99	1122.	180.7	151.3	283.0	125.7

#1	.0002	.0326	<.0000	<.0000	<.0000	.0258	<.0000
#2	.0002	.0287	.0168	.0160	<.0000	<.0000	.0071
#3	.0002	.0287	<.0000	.0092	.0034	<.0000	<.0000
#4	.0002	.0207	.0148	<.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0060	.0000	<.0000
SDev	.0202	.0965	.0012	.0019
%RSD	20.31	1598.	3083000.	326.4

#1	<.0000	.0543	<.0000	<.0000
#2	<.0000	.0543	.0007	.0010
#3	<.0000	.0543	.0013	.0010
#4	<.0000	<.0000	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 30705

Operator: it

Run Time: 01/15/02 15:20:05

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	.0048	.0099	.0160	.0293	<.0000	25.39
SDev	.0015	.0095	.0389	.0026	.0000	.0001	.04
%RSD	364.1	198.6	392.1	16.45	.0146	100.00	.1455

#1	.0002	.0053	<.0000	.0154	.0293	<.0000	25.38
#2	<.0000	<.0000	.0270	.0183	.0293	<.0000	25.41
#3	<.0000	.0042	<.0000	.0177	.0293	<.0000	25.43
#4	.0012	.0164	.0556	.0125	.0294	<.0000	25.35

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0002	<.0000	.0006	.0002	.0660	1.139	8.437
SDev	.0022	.0013	.0017	.0014	.0029	.162	.029
%RSD	1249.	76.30	269.4	892.2	4.441	14.19	.3486

#1	<.0000	<.0000	.0025	.0004	.0641	1.230	8.426
#2	<.0000	<.0000	.0007	<.0000	.0641	.9385	8.430
#3	.0002	<.0000	.0011	<.0000	.0656	1.084	8.480
#4	.0031	<.0000	<.0000	.0020	.0703	1.303	8.413

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0546	.0014	27.69	.0057	<.0000	<.0000	.1510
SDev	.0007	.0059	.12	.0074	.0104	.0164	.0609
%RSD	1.303	416.7	.4196	129.5	47250.	88.64	40.32

#1	.0544	.0083	27.60	.0037	<.0000	<.0000	.1792
#2	.0537	<.0000	27.81	<.0000	<.0000	<.0000	.0664
#3	.0552	.0044	27.77	.0160	.0090	<.0000	.2073
#4	.0552	<.0000	27.58	.0051	.0090	<.0000	.1509

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	1.489	.3225	<.0000	.0005
SDev	.022	.1276	.0013	.0008
%RSD	1.445	39.57	323.5	148.0

#1	1.508	.4246	.0004	.0001
#2	1.476	.2805	<.0000	.0001
#3	1.466	.4245	.0004	.0017
#4	1.508	.1605	<.0000	.0001

Analysis Report

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page 1

Method: IECW Sample Name: 30705lab dup

Operator: it

Run Time: 01/15/02 15:22:19

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.0003 ⁰	.0048 ⁴⁸	.0280	.0157	.0297 ²¹³	.0000	25.39 ²⁵³⁹
SDev	.0005	.0092	.0160	.0007	.0004	.0001	.18
%RSD	141.7	191.5	57.01	4.696	1.339	230.9	.6894
#1	.0002	.0053	.0075	.0165	.0301	.0001	25.48
#2	<.0000	<.0000	.0462	.0160	.0300	<.0000	25.60
#3	.0007	<.0000	.0269	.0154	.0294	<.0000	25.24
#4	.0007	.0175	.0315	.0148	.0294	.0001	25.26
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0003	<.0000	.0032	.0006	.0664 ⁶⁶⁰	1.285	8.450 ⁸⁴³⁷
SDev	.0015	.0013	.0008	.0008	.0029	.194	.059
%RSD	456.0	48.92	25.64	138.9	4.443	15.10	.6986
#1	<.0000	<.0000	.0025	.0012	.0640	1.303	8.493
#2	<.0000	<.0000	.0029	<.0000	.0702	1.048	8.503
#3	<.0000	<.0000	.0030	.0012	.0672	1.267	8.379
#4	.0025	<.0000	.0044	.0004	.0641	1.522	8.423
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0544 ⁵⁴⁶	.0024 ¹⁴	27.62 ^{27.69}	.0085 ⁵⁷	<.0000	<.0000	.2214
SDev	.0000	.0068	.28	.0053	.0149	.0165	.0587
%RSD	.0082	283.9	1.019	62.51	188.4	1217.	26.50
#1	.0544	.0123	27.67	.0132	.0135	.0115	.1509
#2	.0544	.0004	27.98	.0009	<.0000	<.0000	.2919
#3	.0544	<.0000	27.32	.0092	<.0000	<.0000	.2074
#4	.0544	.0004	27.52	.0105	<.0000	.0115	.2355
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	1.485	.1964	<.0000	.0015			
SDev	.026	.1263	.0007	.0015			
%RSD	1.719	64.29	119.5	98.25			
#1	1.507	.2804	.0004	.0025			
#2	1.507	.0883	<.0000	.0025			
#3	1.461	.0885	<.0000	.0017			
#4	1.466	.3285	<.0000	<.0000			

Analysis Report

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page 1

Method: IECW Sample Name: 30705spk

Operator: it

Run Time: 01/15/02 15:28:35

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0157	.2619	.3249	.2731	.2838	.0508	25.10
SDev	.0016	.0089	.0460	.0015	.0012	.0002	.08
%RSD	10.43	3.401	14.15	.5359	.4302	.3339	.3162

#1	.0176	.2749	.3706	.2734	.2833	.0507	25.06
#2	.0161	.2605	.2742	.2711	.2840	.0509	25.13
#3	.0156	.2561	.3564	.2746	.2825	.0506	25.00
#4	.0136	.2561	.2985	.2734	.2854	.0510	25.18

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1041	.1033	.2471	.2479	.3218	.7472	8.339
SDev	.0046	.0016	.0040	.0008	.0063	.3588	.022
%RSD	4.467	1.527	1.607	.3117	1.974	48.02	.2667

#1	.1032	.1047	.2415	.2485	.3145	1.011	8.342
#2	.1097	.1014	.2481	.2477	.3299	1.048	8.362
#3	.1050	.1026	.2509	.2469	.3222	.6469	8.309
#4	.0985	.1045	.2481	.2485	.3207	.2825	8.342

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.3098	.0991	27.44	.2673	.2472	.2043	.3612
SDev	.0019	.0032	.17	.0069	.0122	.0217	.0364
%RSD	.6002	3.252	.6139	2.581	4.945	10.61	10.07

#1	.3074	.1030	27.31	.2752	.2291	.1828	.3471
#2	.3103	.0991	27.55	.2697	.2562	.2000	.4035
#3	.3096	.0951	27.29	.2656	.2517	.2000	.3754
#4	.3118	.0991	27.62	.2588	.2517	.2345	.3190

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	1.575	.5081	.0976	.2576
SDev	.010	.0416	.0006	.0029
%RSD	.6613	8.186	.6601	1.110

#1	1.581	.4721	.0978	.2578
#2	1.581	.5441	.0971	.2578
#3	1.581	.5442	.0984	.2539
#4	1.560	.4721	.0971	.2609

Analysis Report

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page 1

Method: IECW Sample Name: 30707

Operator: it

Run Time: 01/15/02 15:31:30

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0070	.0267	.0050	.0140	.0000	6.120
SDev	.0022	.0098	.0445	.0017	.0004	.0001	.032
%RSD	197.9	141.5	166.4	33.35	2.561	230.9	.5205

#1	.0010	.0147	.0556	.0071	.0141	.0001	6.161
#2	.0000	.0114	<.0000	.0048	.0141	.0001	6.098
#3	<.0000	.0092	.0267	.0031	.0141	<.0000	6.129
#4	<.0000	<.0000	.0607	.0048	.0134	<.0000	6.092

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0020	<.0000	.0008	.0011	.0277	<.0000	1.305
SDev	.0014	.0019	.0018	.0004	.0025	.3780	.018
%RSD	70.24	270.8	211.7	38.04	9.109	129.7	1.375

#1	.0011	.0021	.0021	.0009	.0277	.1367	1.326
#2	.0005	<.0000	.0026	.0009	.0308	<.0000	1.315
#3	.0029	<.0000	<.0000	.0017	.0277	<.0000	1.289
#4	.0035	<.0000	<.0000	.0009	.0246	<.0000	1.292

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0267	<.0000	4.218	.0072	<.0000	<.0000	.0416
SDev	.0006	.0038	.033	.0032	.0170	.0344	.1030
%RSD	2.277	4135.	.7907	44.90	1481.	158.3	247.4

#1	.0274	.0048	4.253	.0068	.0180	<.0000	<.0000
#2	.0259	<.0000	4.176	.0096	.0045	<.0000	.0980
#3	.0267	.0009	4.234	.0096	<.0000	.0299	<.0000
#4	.0267	<.0000	4.210	.0027	<.0000	<.0000	.1544

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6472	.1659	<.0000	.0013
SDev	.0137	.0968	.0006	.0009
%RSD	2.111	58.35	44.17	70.90

#1	.6667	.1718	<.0000	.0005
#2	.6458	.2199	<.0000	.0020
#3	.6355	.0278	<.0000	.0005
#4	.6407	.2440	<.0000	.0020

Analysis Report

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page 1

Method: IECW Sample Name: 30708

Operator: it

Run Time: 01/15/02 15:34:48

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0056	.0038	.0040	.0136	<.0000	6.101
SDev	.0018	.0136	.0341	.0017	.0004	.0001	.019
%RSD	187.5	243.6	893.4	43.69	2.647	326.6	.3089

#1	.0000	.0147	.0121	.0048	.0134	<.0000	6.117
#2	<.0000	<.0000	.0414	.0025	.0134	<.0000	6.117
#3	<.0000	<.0000	.0027	.0025	.0134	<.0000	6.082
#4	.0010	.0191	<.0000	.0060	.0141	.0001	6.087

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0017	.0292	<.0000	1.297
SDev	.0013	.0017	.0015	.0015	.0022	.4575	.013
%RSD	619.1	102.3	70.53	88.39	7.469	104.6	1.001

#1	<.0000	.0003	<.0000	.0033	.0308	<.0000	1.302
#2	.0017	<.0000	<.0000	.0001	.0292	<.0000	1.282
#3	<.0000	<.0000	<.0000	.0009	.0261	<.0000	1.292
#4	<.0000	<.0000	<.0000	.0025	.0308	<.0000	1.312

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0272	<.0000	4.168	.0072	<.0000	<.0000	.0769
SDev	.0004	.0040	.019	.0059	.0156	.0294	.0932
%RSD	1.369	367.1	.4458	82.63	115.1	84.78	121.2

#1	.0274	<.0000	4.158	.0027	<.0000	<.0000	.0698
#2	.0274	.0049	4.190	.0014	<.0000	<.0000	.2108
#3	.0274	<.0000	4.176	.0123	<.0000	<.0000	.0135
#4	.0267	<.0000	4.148	.0123	<.0000	<.0000	.0134

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6615	.1719	<.0000	.0020
SDev	.0060	.0920	.0016	.0011
%RSD	.9073	53.51	91.02	53.79

#1	.6563	.0998	<.0000	.0028
#2	.6563	.2920	<.0000	.0020
#3	.6667	.0999	<.0000	.0028
#4	.6667	.1959	<.0000	.0005

Analysis Report

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page 1

Method: IECW Sample Name: 30709

Operator: it

Run Time: 01/15/02 15:37:34

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0257	.0147	.0297	<.0000	25.33
SDev	.0007	.0077	.0251	.0018	.0004	.0000	.09
%RSD	39.66	1031.	97.91	12.22	1.390	.0000	.3394

#1	<.0000	<.0000	.0365	.0131	.0294	<.0000	25.21
#2	<.0000	.0086	.0026	.0136	.0301	<.0000	25.38
#3	<.0000	<.0000	.0076	.0171	.0301	<.0000	25.32
#4	<.0000	<.0000	.0559	.0148	.0293	<.0000	25.40

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0009	<.0000	.0004	.0002	.0722	1.002	8.446
SDev	.0019	.0015	.0014	.0004	.0032	.189	.018
%RSD	206.7	71.13	342.4	259.8	4.406	18.87	.2125

#1	.0025	<.0000	.0011	.0004	.0718	1.084	8.436
#2	.0025	<.0000	.0011	.0004	.0764	.8292	8.460
#3	<.0000	<.0000	.0011	.0004	.0687	1.230	8.426
#4	<.0000	<.0000	<.0000	<.0000	.0718	.8656	8.463

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0598	.0004	27.64	.0078	<.0000	<.0000	.1651
SDev	.0004	.0032	.10	.0059	.0162	.0217	.1092
%RSD	.6237	740.3	.3727	75.81	287.0	218.0	66.14

#1	.0604	.0044	27.55	.0132	.0045	<.0000	.3201
#2	.0596	<.0000	27.59	<.0000	.0090	<.0000	.1509
#3	.0596	.0004	27.63	.0105	<.0000	.0116	.0664
#4	.0596	.0004	27.79	.0078	<.0000	<.0000	.1228

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.462	.1424	<.0000	.0005
SDev	.007	.0632	.0008	.0013
%RSD	.4467	44.35	49.40	256.4

#1	1.455	.0884	<.0000	.0017
#2	1.461	.1844	<.0000	.0017
#3	1.461	.2085	<.0000	<.0000
#4	1.471	.0884	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 30711

Operator: it

Run Time: 01/15/02 15:39:56

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0023	.0328	.0047	.0134	<.0000	6.149
SDev	.0016	.0117	.0382	.0019	.0006	.0001	.025
%RSD	135.4	521.0	116.4	40.69	4.358	191.5	.4134

#1	.0000	.0169	.0314	.0042	.0141	.0001	6.178
#2	<.0000	.0025	.0847	.0048	.0134	<.0000	6.141
#3	<.0000	<.0000	<.0000	.0025	.0127	<.0000	6.119
#4	.0000	.0014	.0220	.0071	.0134	<.0000	6.160

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	<.0000	.0007	.0261	<.0000	1.295
SDev	.0020	.0011	.0015	.0010	.0044	.5063	.015
%RSD	98.39	217.3	113.0	154.5	16.73	94.19	1.177

#1	<.0000	.0002	.0007	.0017	.0261	<.0000	1.315
#2	<.0000	<.0000	<.0000	.0009	.0292	.0638	1.292
#3	<.0000	<.0000	<.0000	<.0000	.0199	<.0000	1.295
#4	<.0000	.0007	<.0000	.0009	.0292	<.0000	1.279

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0267	<.0000	4.187	.0045	<.0000	<.0000	.0698
SDev	.0006	.0038	.020	.0081	.0215	.0244	.0460
%RSD	2.280	4310.	.4662	181.2	158.7	112.1	65.92

#1	.0259	<.0000	4.194	.0014	<.0000	<.0000	.0698
#2	.0274	.0049	4.164	.0123	<.0000	<.0000	.1262
#3	.0267	.0009	4.210	<.0000	<.0000	.0127	.0699
#4	.0267	<.0000	4.180	.0096	<.0000	<.0000	.0134

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6485	.1479	<.0000	.0009
SDev	.0178	.0439	.0010	.0008
%RSD	2.744	29.65	71.55	88.45

#1	.6458	.1238	<.0000	.0005
#2	.6667	.1719	<.0000	.0005
#3	.6251	.1959	<.0000	.0005
#4	.6563	.0999	<.0000	.0020

Analysis Report

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page 1

Method: IECW Sample Name: 30712

Operator: it

Run Time: 01/15/02 15:42:57

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0053	.0509	.0037	.0134	<.0000	6.106
SDev	.0007	.0050	.0389	.0016	.0000	.0001	.023
%RSD	215.1	93.98	76.35	44.57	.0215	6267000.	.3830

#1	<.0000	.0081	.0701	.0025	.0134	<.0000	6.124
#2	.0000	<.0000	.0944	.0060	.0134	<.0000	6.076
#3	<.0000	.0059	.0075	.0037	.0134	<.0000	6.097
#4	.0005	.0092	.0315	.0025	.0134	.0001	6.124

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0008	<.0000	<.0000	.0013	.0242	<.0000	1.290
SDev	.0014	.0019	.0012	.0005	.0023	.2256	.018
%RSD	170.9	209.8	149.2	36.83	9.578	79.89	1.415

#1	.0029	.0010	.0007	.0017	.0215	<.0000	1.299
#2	<.0000	<.0000	<.0000	.0009	.0230	<.0000	1.275
#3	<.0000	<.0000	<.0000	.0009	.0261	<.0000	1.275
#4	.0005	<.0000	<.0000	.0017	.0261	<.0000	1.312

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0226	.0009	4.154	.0045	<.0000	<.0000	.0839
SDev	.0004	.0032	.013	.0068	.0174	.0382	.0540
%RSD	1.898	358.8	.3182	153.0	512.1	146.6	64.34

#1	.0229	.0009	4.158	<.0000	.0135	<.0000	.1262
#2	.0222	.0009	4.134	.0000	<.0000	.0127	.1262
#3	.0222	<.0000	4.158	.0137	<.0000	<.0000	.0134
#4	.0229	.0048	4.164	.0055	.0045	<.0000	.0698

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6589	.1479	<.0000	.0017
SDev	.0052	.0808	.0012	.0008
%RSD	.7862	54.65	503.7	46.93

#1	.6563	.1719	<.0000	.0005
#2	.6563	.1960	<.0000	.0020
#3	.6563	.0279	<.0000	.0020
#4	.6667	.1959	.0014	.0020

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Method: IECW Sample Name: 30713

Run Time: 01/15/02 15:49:46

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0020	.0546	.0147	.0299	<.0000	25.43
SDev	.0012	.0074	.0221	.0007	.0007	.0001	.11
%RSD	137.3	367.8	40.44	5.011	2.285	6267000.	.4335

#1	<.0000	<.0000	.0800	.0148	.0293	<.0000	25.40
#2	.0007	<.0000	.0414	.0154	.0301	<.0000	25.30
#3	<.0000	.0108	.0653	.0148	.0308	.0001	25.56
#4	<.0000	.0053	.0316	.0136	.0293	<.0000	25.45

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0006	<.0000	.0020	<.0000	.0791	.9658	8.444
SDev	.0010	.0012	.0004	.0004	.0019	.4095	.071
%RSD	162.7	65.85	17.81	162.4	2.432	42.40	.8432

#1	.0008	<.0000	.0020	<.0000	.0795	.3554	8.443
#2	<.0000	<.0000	.0016	.0004	.0765	1.230	8.356
#3	.0002	<.0000	.0020	<.0000	.0795	1.157	8.530
#4	.0020	<.0000	.0025	<.0000	.0811	1.121	8.446

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0689	<.0000	27.62	.0040	<.0000	<.0000	.1932
SDev	.0004	.0020	.12	.0063	.0134	.0258	.0540
%RSD	.6180	355.6	.4358	157.5	108.3	138.9	27.95

#1	.0685	.0004	27.67	<.0000	<.0000	<.0000	.2355
#2	.0686	<.0000	27.44	.0064	<.0000	<.0000	.1792
#3	.0693	.0004	27.70	<.0000	<.0000	.0115	.1227
#4	.0693	.0004	27.67	.0119	<.0000	<.0000	.2355

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.476	.2204	<.0000	.0007
SDev	.022	.0415	.0003	.0012
%RSD	1.489	18.83	31.47	162.9

#1	1.461	.2084	<.0000	.0017
#2	1.456	.2086	<.0000	.0017
#3	1.502	.2803	<.0000	<.0000
#4	1.487	.1844	<.0000	.0001

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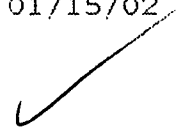
Method: IECW Sample Name: 30902

Run Time: 01/15/02 15:52:29

Comment:

Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0067	<.0000	.0037	.0134	<.0000	6.120
SDev	.0008	.0073	.0345	.0010	.0000	.0001	.029
%RSD	172.3	110.1	144.2	28.63	.0224	100.00	.4709

#1	<.0000	.0081	<.0000	.0025	.0134	<.0000	6.080
#2	.0005	.0158	<.0000	.0042	.0134	<.0000	6.122
#3	<.0000	<.0000	<.0000	.0048	.0134	<.0000	6.132
#4	<.0000	.0047	.0123	.0031	.0134	<.0000	6.148

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0010	<.0000	<.0000	.0001	.0254	<.0000	1.297
SDev	.0008	.0022	.0010	.0000	.0032	.3626	.017
%RSD	76.71	82.57	64.38	1.430	12.68	78.04	1.293

#1	.0011	<.0000	<.0000	.0001	.0246	<.0000	1.279
#2	<.0000	<.0000	<.0000	.0001	.0292	<.0000	1.319
#3	.0017	<.0000	<.0000	.0001	.0261	<.0000	1.292
#4	.0011	<.0000	<.0000	.0001	.0215	<.0000	1.299

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0257	.0009	7.524	.0010	<.0000	<.0000	.1050
SDev	.0004	.0000	.032	.0020	.0133	.0294	.0959
%RSD	1.445	.5729	.4243	196.6	67370.	332.5	91.32

#1	.0259	.0009	7.488	.0000	<.0000	.0299	.1826
#2	.0259	.0009	7.554	.0027	.0045	<.0000	.1825
#3	.0252	.0009	7.506	.0027	.0000	<.0000	.0698
#4	.0259	.0009	7.548	<.0000	.0135	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8932	.1179	<.0000	.0005
SDev	.0052	.1378	.0006	.0013
%RSD	.5804	116.9	44.35	258.8

#1	.8854	.2200	<.0000	<.0000
#2	.8958	.2439	<.0000	.0020
#3	.8958	.0518	<.0000	.0005
#4	.8958	<.0000	<.0000	.0005

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Method: IECW Sample Name: 30903

Run Time: 01/15/02 15:54:55

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0010	.0119	.0242	.0048	.0134	.0000	6.132
SDev	.0021	.0096	.0251	.0017	.0000	.0001	.034
%RSD	206.8	80.30	103.6	35.21	.0244	100.0	.5558

#1	.0030	.0136	<.0000	.0042	.0134	.0001	6.147
#2	<.0000	<.0000	.0365	.0048	.0134	<.0000	6.159
#3	.0015	.0125	.0508	.0071	.0134	.0001	6.138
#4	.0015	.0224	.0169	.0031	.0134	.0001	6.082

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	.0010	<.0000	.0015	.0265	.0273	1.302
SDev	.0009	.0024	.0012	.0010	.0008	.3729	.018
%RSD	233.7	247.2	1378.	69.37	2.908	1364.	1.347

#1	<.0000	.0038	.0012	.0025	.0261	.1731	1.289
#2	.0011	<.0000	.0003	.0001	.0277	<.0000	1.305
#3	.0011	<.0000	<.0000	.0017	.0261	.1367	1.326
#4	<.0000	.0021	<.0000	.0017	.0261	.3189	1.289

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0239	.0009	7.076	.0051	<.0000	<.0000	.0557
SDev	.0004	.0046	.054	.0026	.0303	.0165	.0935
%RSD	1.560	510.0	.7685	50.41	335.3	186.1	167.9

#1	.0244	.0048	7.119	.0068	.0270	<.0000	.0698
#2	.0237	<.0000	7.105	.0055	<.0000	<.0000	<.0000
#3	.0237	<.0000	7.083	.0014	<.0000	.0127	.1825
#4	.0237	.0048	6.997	.0068	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9205	.0998	.0003	.0009
SDev	.0238	.0980	.0015	.0004
%RSD	2.584	98.16	547.7	51.07

#1	.9271	<.0000	.0008	.0005
#2	.9166	.0999	<.0000	.0005
#3	.9478	.2199	.0008	.0013
#4	.8906	.0999	.0014	.0013

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Method: IECW Sample Name: 30904

Operator: it

Run Time: 01/15/02 15:57:11

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0009	.0125	.0472	.0048	.0138	<.0000	6.174
SDev	.0006	.0060	.0191	.0021	.0004	.0001	.042
%RSD	69.83	47.98	40.45	42.69	2.988	326.6	.6733

#1	.0010	.0081	.0315	.0077	.0134	<.0000	6.138
#2	.0015	.0103	.0556	.0037	.0141	<.0000	6.225
#3	.0010	.0213	.0314	.0031	.0141	.0001	6.192
#4	.0000	.0103	.0701	.0048	.0134	<.0000	6.143

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0020	<.0000	<.0000	.0051	.0288	<.0000	1.291
SDev	.0018	.0011	.0016	.0008	.0008	.1940	.011
%RSD	88.45	5498.	290.3	15.18	2.700	304.2	.8579

#1	.0029	.0003	.0007	.0049	.0292	.1731	1.279
#2	.0005	<.0000	<.0000	.0041	.0277	<.0000	1.305
#3	.0005	.0012	.0007	.0057	.0292	<.0000	1.289
#4	.0041	<.0000	<.0000	.0057	.0292	<.0000	1.292

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0276	<.0000	7.446	.0027	<.0000	<.0000	.0909
SDev	.0009	.0040	.060	.0065	.0107	.0455	.0270
%RSD	3.390	365.4	.8046	236.4	468.3	346.1	29.69

#1	.0274	<.0000	7.429	<.0000	<.0000	.0299	.0698
#2	.0289	.0048	7.534	.0068	<.0000	<.0000	.0980
#3	.0274	<.0000	7.417	.0096	.0135	<.0000	.0698
#4	.0267	<.0000	7.403	<.0000	<.0000	.0127	.1262

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9010	.1659	<.0000	.0020
SDev	.0248	.0455	.0013	.0000
%RSD	2.751	27.41	555.0	.0394

#1	.9167	.1719	.0008	.0020
#2	.9270	.0998	.0008	.0020
#3	.8854	.1959	<.0000	.0020
#4	.8750	.1959	<.0000	.0020

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Method: IECW Sample Name: ipc

Operator: it

Run Time: 01/15/02 15:59:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.5070	1.079	.0520	.9854	1.019	1.022	1.052
SDev	.0039	.017	.0418	.0053	.004	.006	.009
%RSD	.7671	1.612	80.23	.5392	.4113	.5875	.8365
#1	.5102	1.103	.0071	.9896	1.019	1.024	1.058
#2	.5063	1.076	.0943	.9850	1.019	1.022	1.050
#3	.5018	1.062	.0800	.9780	1.015	1.014	1.040
#4	.5097	1.073	.0268	.9890	1.025	1.029	1.059
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	1.026	1.030	.9879	.9926	1.031	.4920	1.033
SDev	.004	.008	.0047	.0062	.009	.4418	.013
%RSD	.3683	.7312	.4773	.6251	.9203	89.78	1.225
#1	1.025	1.035	.9853	.9912	1.030	1.084	1.051
#2	1.024	1.032	.9886	.9952	1.031	.5011	1.031
#3	1.031	1.019	.9835	.9847	1.019	.0273	1.021
#4	1.022	1.034	.9942	.9993	1.042	.3554	1.031
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	1.020	1.000	1.043	1.050	1.033	.9686	.1426
SDev	.004	.028	.012	.007	.012	.0430	.1289
%RSD	.3877	2.757	1.123	.6533	1.148	4.443	90.41
#1	1.021	.9765	1.058	1.057	1.038	.9729	.1777
#2	1.018	.9883	1.043	1.052	1.034	.9213	.2906
#3	1.015	.9962	1.039	1.041	1.043	1.025	<.0000
#4	1.024	1.040	1.031	1.052	1.016	.9557	.1214
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	1.089	1.190	1.003	1.030			
SDev	.018	.105	.007	.002			
%RSD	1.655	8.791	.6838	.2249			
#1	1.105	1.274	1.006	1.033			
#2	1.073	1.058	1.003	1.028			
#3	1.073	1.154	.9929	1.029			
#4	1.105	1.274	1.008	1.029			

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Method: IECW Sample Name: cb

Operator: it

Run Time: 01/15/02 16:03:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0005	.0077	<.0000	.0000	.0002	.0001	<.0000
SDev	.0005	.0120	.0291	.0014	.0004	.0001	.0019
%RSD	95.71	155.6	340.8	143.1	199.0	50.00	19.52

#1	.0011	.0088	.0180	<.0000	.0004	.0002	<.0000
#2	.0006	<.0000	.0037	.0006	<.0000	.0001	<.0000
#3	.0001	.0111	<.0000	<.0000	.0004	.0001	<.0000
#4	.0001	.0199	<.0000	<.0000	.0004	.0001	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0001	.0002	<.0000	.0012	.0004	<.0000	.0042
SDev	.0020	.0015	.0021	.0008	.0023	.3583	.0117
%RSD	1323.	720.4	298.9	63.84	600.4	60.50	279.9

#1	.0000	<.0000	.0011	.0018	.0023	<.0000	<.0000
#2	<.0000	.0009	<.0000	.0018	<.0000	<.0000	<.0000
#3	<.0000	.0021	.0006	.0002	<.0000	<.0000	.0084
#4	.0030	<.0000	<.0000	.0010	.0023	<.0000	.0184

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0004	.0069	<.0000	.0068	<.0000	<.0000	.1339
SDev	.0004	.0023	.0198	.0045	.0086	.0086	.0873
%RSD	115.6	33.09	114.1	66.05	127.1	49.92	65.19

#1	<.0000	.0049	.0035	.0072	<.0000	<.0000	.0141
#2	.0007	.0089	<.0000	.0017	<.0000	<.0000	.1833
#3	<.0000	.0089	<.0000	.0058	<.0000	<.0000	.1268
#4	.0007	.0049	<.0000	.0126	<.0000	<.0000	.2113

Elem	Si2881	Ti1908	V_2924	Zn2138
Avge	<.0000	.0300	<.0000	.0014
SDev	.0124	.0707	.0011	.0009
%RSD	160700.	235.7	170.6	66.08

#1	.0182	.0300	.0008	.0021
#2	<.0000	.1261	<.0000	.0021
#3	<.0000	.0060	<.0000	.0006
#4	<.0000	<.0000	<.0000	.0006

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Method: IECW Sample Name: 30905
 Run Time: 01/15/02 16:05:54
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0009	.0118	.0288	.0050	.0151	.0000	7.173
SDev	.0016	.0165	.0321	.0018	.0004	.0001	.027
%RSD	186.8	140.2	111.4	36.00	2.744	230.9	.3811

#1	<.0000	<.0000	.0701	.0076	.0147	<.0000	7.143
#2	.0020	.0223	.0311	.0041	.0155	<.0000	7.160
#3	.0025	.0256	<.0000	.0036	.0155	.0001	7.184
#4	.0000	.0101	.0216	.0047	.0147	.0001	7.205

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0021	<.0000	<.0000	.0257	.0414	<.0000	1.682
SDev	.0013	.0015	.0010	.0012	.0033	.2408	.023
%RSD	61.40	137.7	355.1	4.717	8.054	377.6	1.366

#1	.0005	<.0000	<.0000	.0243	.0368	<.0000	1.654
#2	.0017	<.0000	.0001	.0267	.0445	.1002	1.691
#3	.0029	<.0000	.0000	.0267	.0414	.1731	1.708
#4	.0035	.0007	.0005	.0251	.0429	<.0000	1.674

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0287	.0058	8.162	.0102	<.0000	<.0000	.1471
SDev	.0004	.0067	.043	.0076	.0239	.0199	.1064
%RSD	1.299	116.0	.5221	74.82	235.3	431.6	72.31

#1	.0289	<.0000	8.132	.0095	<.0000	.0127	.0697
#2	.0281	.0048	8.124	<.0000	<.0000	<.0000	.2951
#3	.0289	.0127	8.178	.0136	.0180	<.0000	.1541
#4	.0289	.0088	8.216	.0177	<.0000	.0126	.0696

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9589	.0932	<.0000	.0016
SDev	.0366	.1132	.0008	.0008
%RSD	3.819	121.5	111.7	47.54

#1	.9108	<.0000	<.0000	.0020
#2	.9680	.1712	<.0000	.0020
#3	.9992	.1712	.0001	.0020
#4	.9576	.0992	<.0000	.0005

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Method: IECW Sample Name: 30905lab dup

Operator: it

Run Time: 01/15/02 16:08:03

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0009 ^a	.0165 ¹¹⁸	.0143	.0057	.0149 ¹⁵¹	.0000	7.191 ¹¹⁷³
SDev	.0005	.0017	.0433	.0010	.0004	.0001	.023
%RSD	54.17	10.06	303.2	17.22	2.398	230.9	.3184

#1	.0005	.0190	.0311	.0047	.0147	<.0000	7.209
#2	.0015	.0156	.0167	.0053	.0147	.0001	7.176
#3	.0005	.0156	.0553	.0070	.0147	.0001	7.167
#4	.0010	.0156	<.0000	.0059	.0155	<.0000	7.212

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0018 ^v	.0014	<.0000	.0259 ²⁵⁷	.0414 ⁴¹⁴	<.0000	1.684 ¹⁶⁸²
SDev	.0014	.0022	.0019	.0007	.0000	.1439	.018
%RSD	75.98	165.3	3320.	2.549	.0173	157.9	1.091

#1	<.0000	<.0000	<.0000	.0251	.0414	<.0000	1.681
#2	.0017	.0034	.0005	.0259	.0414	<.0000	1.674
#3	.0029	<.0000	<.0000	.0259	.0414	.0273	1.671
#4	.0029	.0031	.0024	.0267	.0414	.0273	1.711

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0283 ²⁸³	.0009 ⁵⁰	8.214 ⁸¹⁶²	.0105 ¹⁰²	<.0000	<.0000	<.0000
SDev	.0004	.0032	.029	.0041	.0225	.0243	.1089
%RSD	1.314	373.1	.3590	38.80	396.1	111.4	493.9

#1	.0289	<.0000	8.255	.0054	<.0000	.0126	<.0000
#2	.0281	.0048	8.188	.0122	<.0000	<.0000	<.0000
#3	.0281	.0009	8.212	.0095	<.0000	<.0000	.1260
#4	.0281	.0009	8.200	.0149	.0270	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9654	.0512	<.0000	.0016 ¹⁶
SDev	.0052	.1240	.0009	.0008
%RSD	.5428	242.3	161.5	47.53

#1	.9680	.0032	<.0000	.0020
#2	.9680	.1953	<.0000	.0020
#3	.9680	<.0000	<.0000	.0005
#4	.9575	.0992	.0008	.0020

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Method: IECW Sample Name: 30905spk

Operator: it

Run Time: 01/15/02 16:16:02

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0202	.2805	.2797	.2659	.2764	.0518	7.077
SDev	.0007	.0033	.0569	.0026	.0011	.0002	.021
%RSD	3.680	1.177	20.35	.9795	.3902	.3701	.3019

#1	.0193	.2796	.2254	.2662	.2773	.0519	7.092
#2	.0198	.2763	.3557	.2691	.2773	.0519	7.094
#3	.0208	.2818	.2881	.2656	.2751	.0517	7.074
#4	.0208	.2841	.2495	.2627	.2758	.0516	7.048

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1059	.1072	.2560	.2833	.3130	<.0000	1.657
SDev	.0013	.0014	.0021	.0014	.0034	.3458	.021
%RSD	1.208	1.271	.8344	.4941	1.094	92.56	1.258

#1	.1047	.1067	.2563	.2821	.3119	<.0000	1.634
#2	.1077	.1056	.2531	.2854	.3150	<.0000	1.647
#3	.1053	.1079	.2563	.2829	.3165	.0273	1.681
#4	.1059	.1088	.2582	.2829	.3088	<.0000	1.667

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2924	.1054	8.086	.2734	.2618	.2440	.3784
SDev	.0023	.0051	.042	.0111	.0245	.0588	.0830
%RSD	.7876	4.840	.5192	4.044	9.364	24.09	21.93

#1	.2922	.0995	8.067	.2891	.2967	.3043	.3221
#2	.2945	.1114	8.120	.2632	.2471	.1666	.4348
#3	.2937	.1074	8.122	.2700	.2606	.2698	.4630
#4	.2893	.1034	8.037	.2714	.2426	.2354	.2938

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.102	.3807	.1019	.2670
SDev	.009	.0632	.0010	.0016
%RSD	.8039	16.60	.9887	.6051

#1	1.098	.4108	.1014	.2690
#2	1.093	.4348	.1028	.2674
#3	1.114	.2906	.1007	.2666
#4	1.103	.3867	.1028	.2651

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Method: IECW Sample Name: 30906

Run Time: 01/15/02 16:18:26

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0010	.0144	.0556	.0054	.0139	.0000	6.347
SDev	.0007	.0028	.0359	.0013	.0007	.0001	.041
%RSD	69.14	19.18	64.63	23.11	4.914	100.0	.6464

#1	.0015	.0147	.0604	.0054	.0134	.0001	6.323
#2	.0015	.0113	.1039	.0042	.0141	.0001	6.347
#3	.0000	.0136	.0218	.0048	.0134	<.0000	6.312
#4	.0010	.0180	.0362	.0071	.0148	.0001	6.404

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0020	.0006	<.0000	.0110	.0269	<.0000	1.306
SDev	.0018	.0008	.0019	.0008	.0027	.1867	.015
%RSD	91.66	137.8	125.6	7.373	9.960	113.9	1.116

#1	.0029	.0015	<.0000	.0097	.0261	<.0000	1.309
#2	<.0000	.0008	<.0000	.0114	.0307	<.0000	1.299
#3	.0011	.0003	<.0000	.0114	.0246	<.0000	1.292
#4	.0041	<.0000	.0007	.0114	.0261	.0273	1.325

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0224	.0068	8.197	.0058	<.0000	<.0000	.1191
SDev	.0009	.0051	.081	.0028	.0140	.0216	.0423
%RSD	4.178	74.78	.9842	48.41	408.2	8483.	35.49

#1	.0222	.0048	8.164	.0096	<.0000	.0299	.0980
#2	.0215	.0088	8.125	.0055	.0090	<.0000	.0980
#3	.0222	.0009	8.186	.0055	.0045	<.0000	.0980
#4	.0237	.0127	8.312	.0027	<.0000	<.0000	.1825

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9075	.1118	.0001	.0020
SDev	.0172	.0139	.0008	.0000
%RSD	1.894	12.42	746.6	.0432

#1	.9062	.0998	<.0000	.0020
#2	.8854	.1239	.0008	.0020
#3	.9114	.1239	<.0000	.0020
#4	.9270	.0998	.0008	.0020

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Method: IECW Sample Name: 30907

Operator: it

Run Time: 01/15/02 16:22:52

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0005	.0100	.0400	.0051	.0141	<.0000	6.245
SDev	.0013	.0055	.0194	.0007	.0000	.0001	.014
%RSD	246.3	55.29	48.66	14.53	.0122	6267000.	.2167

#1	.0020	.0025	.0509	.0060	.0141	<.0000	6.240
#2	.0000	.0136	.0315	.0048	.0141	<.0000	6.227
#3	.0010	.0147	.0604	.0043	.0141	.0001	6.257
#4	<.0000	.0092	.0171	.0054	.0141	<.0000	6.253

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0023	<.0000	<.0000	.0197	.0215	<.0000	1.289
SDev	.0021	.0016	.0021	.0004	.0013	.1748	.023
%RSD	91.47	195.9	112.8	2.056	5.862	101.0	1.819

#1	.0011	.0002	<.0000	.0195	.0230	.0273	1.319
#2	.0053	<.0000	<.0000	.0195	.0215	<.0000	1.262
#3	.0023	.0008	<.0000	.0203	.0215	<.0000	1.285
#4	.0005	<.0000	.0007	.0195	.0199	<.0000	1.292

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0198	.0009	7.415	.0045	.0011	<.0000	.1121
SDev	.0004	.0032	.045	.0054	.0118	.0355	.0709
%RSD	1.880	359.7	.6131	120.9	1078.	401.1	63.29

#1	.0200	<.0000	7.447	.0123	<.0000	<.0000	.0134
#2	.0200	.0009	7.351	.0028	<.0000	.0127	.1826
#3	.0200	.0048	7.449	.0000	.0180	.0299	.1262
#4	.0192	.0009	7.415	.0027	<.0000	<.0000	.1262

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8763	.1599	<.0000	.0028
SDev	.0098	.0720	.0013	.0006
%RSD	1.125	45.05	90.39	22.48

#1	.8697	.1959	<.0000	.0028
#2	.8698	.1960	<.0000	.0020
#3	.8750	.1959	<.0000	.0036
#4	.8906	.0518	<.0000	.0028

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Method: IECW Sample Name: 30908

Operator: it

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Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0006	.0098	.0419	.0099	.0156	.0000	14.08
SDev	.0013	.0103	.0823	.0009	.0004	.0001	.05
%RSD	194.4	104.5	196.6	8.764	2.335	230.9	.3248

#1	.0004	.0090	<.0000	.0103	.0154	.0001	14.08
#2	.0024	.0245	<.0000	.0092	.0161	.0001	14.02
#3	.0004	.0046	.0672	.0109	.0154	<.0000	14.09
#4	<.0000	.0013	.1445	.0092	.0154	<.0000	14.13

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0005	.0004	.0014	.0103	.0322	.1640	5.825
SDev	.0027	.0003	.0008	.0007	.0027	.3625	.021
%RSD	586.8	66.38	57.54	6.395	8.224	221.0	.3641

#1	<.0000	.0006	.0003	.0103	.0349	.3189	5.805
#2	.0039	.0006	.0013	.0111	.0334	.5740	5.812
#3	.0003	.0001	.0017	.0103	.0318	.0273	5.832
#4	.0003	.0003	.0022	.0095	.0287	<.0000	5.852

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0133	.0036	16.11	.0057	<.0000	<.0000	.1663
SDev	.0004	.0088	.10	.0062	.0248	.0222	.1162
%RSD	3.227	245.7	.6017	108.6	1087.	160.4	69.87

#1	.0137	.0164	16.14	.0043	<.0000	<.0000	.0677
#2	.0137	<.0000	15.96	<.0000	.0270	<.0000	.2931
#3	.0130	.0006	16.15	.0057	.0090	.0120	.0677
#4	.0130	.0006	16.18	.0139	<.0000	<.0000	.2368

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	3.465	.2608	<.0000	.0038
SDev	.013	.0439	.0008	.0008
%RSD	.3881	16.81	770.2	20.41

#1	3.460	.2849	<.0000	.0026
#2	3.481	.2128	.0006	.0042
#3	3.449	.3089	.0006	.0042
#4	3.470	.2368	<.0000	.0042

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Method: IECW Sample Name: 30933

Operator: it

Run Time: 01/15/02 16:28:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0003	.0128	.0110	.0034	.0134	<.0000	6.161
SDev	.0013	.0093	.0439	.0010	.0000	.0000	.022
%RSD	456.8	72.65	399.8	29.55	.0139	.0000	.3630

#1	.0000	.0213	.0024	.0048	.0134	<.0000	6.134
#2	<.0000	.0003	<.0000	.0031	.0134	<.0000	6.168
#3	.0000	.0114	.0074	.0025	.0134	<.0000	6.187
#4	.0020	.0180	.0700	.0031	.0134	<.0000	6.155

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	.0011	<.0000	.0017	.0261	<.0000	1.295
SDev	.0010	.0028	.0008	.0013	.0025	.3637	.016
%RSD	199.0	254.2	102.2	79.13	9.671	76.76	1.258

#1	<.0000	.0036	<.0000	.0017	.0292	<.0000	1.285
#2	<.0000	<.0000	<.0000	.0001	.0230	<.0000	1.299
#3	<.0000	<.0000	.0003	.0017	.0261	<.0000	1.279
#4	.0005	.0034	<.0000	.0033	.0261	<.0000	1.315

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0278	<.0000	4.162	.0062	.0079	.0041	.0839
SDev	.0004	.0023	.035	.0039	.0140	.0222	.0364
%RSD	1.548	210.4	.8291	63.96	177.9	548.1	43.39

#1	.0282	.0009	4.110	.0027	.0090	.0126	.1261
#2	.0274	<.0000	4.178	.0027	.0270	<.0000	.0980
#3	.0282	<.0000	4.182	.0096	<.0000	.0299	.0698
#4	.0274	.0009	4.178	.0096	<.0000	<.0000	.0416

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6771	.0518	<.0000	.0013
SDev	.0154	.0760	.0013	.0011
%RSD	2.268	146.6	142.3	86.74

#1	.6823	.0278	<.0000	.0013
#2	.6771	.0999	<.0000	<.0000
#3	.6928	.1239	<.0000	.0020
#4	.6563	<.0000	.0008	.0020

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Method: IECW Sample Name: 30934

Operator: it

Run Time: 01/15/02 16:31:36

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0003	.0078	.0557	.0047	.0132	<.0000	6.136
SDev	.0009	.0124	.0312	.0015	.0004	.0001	.027
%RSD	347.1	159.6	56.15	32.55	2.713	6267000.	.4458

#1	.0010	.0246	.0699	.0060	.0134	<.0000	6.159
#2	.0010	.0047	.0847	.0054	.0134	.0001	6.100
#3	.0000	.0069	.0122	.0025	.0134	<.0000	6.155
#4	<.0000	<.0000	.0558	.0048	.0127	<.0000	6.131

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0007	.0006	<.0000	.0019	.0269	<.0000	1.305
SDev	.0006	.0007	.0018	.0010	.0053	.2436	.022
%RSD	83.89	115.5	118.8	54.35	19.65	65.20	1.665

#1	.0011	.0003	<.0000	.0033	.0199	<.0000	1.332
#2	.0011	.0002	<.0000	.0017	.0261	<.0000	1.282
#3	.0005	.0017	.0003	.0017	.0292	<.0000	1.312
#4	<.0000	.0003	<.0000	.0009	.0323	<.0000	1.295

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0241	.0009	4.165	.0021	.0067	<.0000	.0980
SDev	.0004	.0032	.024	.0089	.0154	.0222	.1400
%RSD	1.781	360.4	.5692	434.2	228.6	168.9	142.9

#1	.0244	.0009	4.172	<.0000	.0089	<.0000	.0134
#2	.0237	.0009	4.142	.0014	<.0000	.0127	<.0000
#3	.0244	<.0000	4.152	.0014	<.0000	<.0000	.0980
#4	.0237	.0049	4.196	.0137	.0270	<.0000	.2953

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.6680	.1419	<.0000	.0026
SDev	.0192	.0302	.0009	.0015
%RSD	2.869	21.29	374.0	55.98

#1	.6927	.1478	.0008	.0036
#2	.6667	.0999	.0001	.0005
#3	.6667	.1479	<.0000	.0028
#4	.6459	.1719	<.0000	.0036

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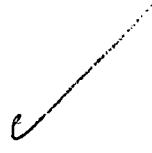
Method: IECW Sample Name: 30935

Run Time: 01/15/02 16:33:55

Comment:

Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0012	.0073	.0642	.0154	.0299	.0000	25.41
SDev	.0011	.0097	.0262	.0020	.0004	.0001	.10
%RSD	88.97	133.1	40.85	13.05	1.201	100.0	.3824
#1	.0027	.0208	.0797	.0148	.0301	.0001	25.32
#2	.0012	.0009	.0268	.0148	.0300	<.0000	25.55
#3	.0002	<.0000	.0654	.0137	.0293	.0001	25.38
#4	.0007	.0075	.0847	.0183	.0301	.0001	25.40
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0003	.0000	.0022	.0014	.0668	1.130	8.454
SDev	.0020	.0009	.0018	.0010	.0041	.207	.072
%RSD	602.5	20280.	83.11	74.53	6.097	18.32	.8473
#1	<.0000	.0009	.0002	.0028	.0703	1.339	8.359
#2	.0014	<.0000	.0011	.0012	.0671	.9021	8.520
#3	<.0000	.0007	.0034	.0004	.0687	1.011	8.497
#4	.0025	<.0000	.0039	.0012	.0610	1.267	8.440
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0594	.0044	27.61	.0115	.0090	.0158	.2003
SDev	.0004	.0056	.19	.0023	.0160	.0618	.0776
%RSD	.6244	127.5	.6986	20.29	178.3	390.2	38.75
#1	.0596	.0083	27.45	.0119	.0270	.0287	.2919
#2	.0596	.0044	27.89	.0105	<.0000	<.0000	.2355
#3	.0596	.0083	27.58	.0091	.0180	<.0000	.1510
#4	.0589	<.0000	27.51	.0146	<.0000	.0976	.1228
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.487	.2084	<.0000	.0007			
SDev	.009	.0519	.0003	.0012			
%RSD	.5761	24.89	85.67	162.2			
#1	1.497	.1846	<.0000	<.0000			
#2	1.487	.2083	<.0000	.0017			
#3	1.487	.1604	<.0000	.0001			
#4	1.476	.2805	<.0000	.0017			

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Method: IECW Sample Name: 31017

Operator: it

Run Time: 01/15/02 16:36:28

Comment:

Mode: CONC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0009	.0213	<.0000	.0047	.0136	<.0000	6.194
SDev	.0010	.0063	.0432	.0034	.0004	.0001	.023
%RSD	114.5	29.63	1189.	73.09	2.640	6267000.	.3686

#1	.0000	.0290	.0071	<.0000	.0134	<.0000	6.205
#2	.0000	.0136	<.0000	.0060	.0134	<.0000	6.160
#3	.0020	.0213	.0362	.0060	.0134	<.0000	6.204
#4	.0015	.0213	.0072	.0071	.0141	.0001	6.207

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0008	<.0000	<.0000	.0015	.0284	.0000	1.315
SDev	.0016	.0011	.0017	.0012	.0015	.2331	.007
%RSD	190.3	410.0	1801.	82.75	5.437	6570000.	.5508

#1	<.0000	<.0000	<.0000	.0009	.0308	<.0000	1.309
#2	.0029	<.0000	<.0000	.0001	.0277	<.0000	1.315
#3	.0011	<.0000	.0003	.0025	.0277	.1002	1.312
#4	<.0000	.0014	.0021	.0025	.0277	.2460	1.326

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0283	.0009	7.528	.0089	<.0000	<.0000	.0838
SDev	.0007	.0000	.029	.0060	.0242	.0294	.0587
%RSD	2.513	.4078	.3814	68.13	194.7	10610.	70.01

#1	.0274	.0009	7.546	.0137	<.0000	.0126	.0133
#2	.0289	.0009	7.496	.0109	<.0000	<.0000	.0980
#3	.0282	.0009	7.512	.0000	.0180	.0298	.1543
#4	.0289	.0009	7.558	.0109	<.0000	<.0000	.0697

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9153	.1418	<.0000	.0005
SDev	.0137	.0230	.0011	.0006
%RSD	1.496	16.20	192.9	130.2

#1	.9270	.1238	<.0000	<.0000
#2	.9062	.1238	<.0000	.0005
#3	.9010	.1478	.0008	.0013
#4	.9270	.1718	<.0000	.0005

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Method: IECW Sample Name: 31018

Run Time: 01/15/02 16:40:31

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0004	.0185	.0495	.0050	.0138	.0000	6.206
SDev	.0011	.0083	.0433	.0019	.0004	.0001	.031
%RSD	277.2	44.98	87.55	38.46	2.995	100.0	.5074
#1	.0010	.0213	.0748	.0071	.0141	.0001	6.239
#2	.0000	.0080	.0315	.0025	.0134	<.0000	6.173
#3	.0015	.0279	.0940	.0048	.0141	.0001	6.225
#4	<.0000	.0169	<.0000	.0054	.0134	.0001	6.186
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	<.0000	<.0000	.0005	.0011	.0288	<.0000	1.305
SDev	.0010	.0009	.0014	.0004	.0026	.3141	.007
%RSD	475.7	96.97	282.5	38.08	9.163	90.70	.5547
#1	<.0000	<.0000	.0012	.0009	.0292	.0273	1.315
#2	<.0000	<.0000	<.0000	.0009	.0323	<.0000	1.299
#3	<.0000	<.0000	.0012	.0017	.0277	<.0000	1.302
#4	.0011	.0002	.0012	.0009	.0261	<.0000	1.305
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0274	.0029	7.223	.0072	<.0000	<.0000	.0486
SDev	.0006	.0051	.018	.0042	.0200	.0216	.0423
%RSD	2.214	177.9	.2486	58.84	866.9	123.8	86.93
#1	.0282	.0048	7.244	.0068	.0090	.0126	.0697
#2	.0267	<.0000	7.200	.0096	<.0000	<.0000	<.0000
#3	.0274	.0088	7.222	.0014	.0180	<.0000	.0697
#4	.0274	.0009	7.226	.0109	<.0000	<.0000	.0698
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.9257	.1298	.0001	.0013			
SDev	.0149	.1026	.0013	.0011			
%RSD	1.615	79.01	1299.	86.86			
#1	.9426	.0038	.0008	.0020			
#2	.9271	.0998	<.0000	.0020			
#3	.9062	.2439	.0008	.0013			
#4	.9270	.1719	.0008	<.0000			

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Method: IECW Sample Name: 31019

Operator: it

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Comment:

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Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0000	.0089	.0086	.0044	.0136	<.0000	6.149
SDev	.0009	.0011	.0408	.0013	.0004	.0001	.022
%RSD	3556.	11.88	474.2	29.15	2.645	6267000.	.3612

#1	.0005	.0103	.0508	.0025	.0134	<.0000	6.172
#2	<.0000	.0081	.0315	.0054	.0141	.0001	6.153
#3	.0010	.0081	<.0000	.0048	.0134	<.0000	6.119
#4	<.0000	.0092	<.0000	.0048	.0134	<.0000	6.154

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0019	.0004	<.0000	.0106	.0242	<.0000	1.296
SDev	.0012	.0025	.0010	.0007	.0034	.3098	.004
%RSD	65.62	602.4	64.90	6.248	14.16	130.8	.3253

#1	.0011	.0034	<.0000	.0114	.0230	<.0000	1.302
#2	.0029	<.0000	<.0000	.0098	.0261	<.0000	1.295
#3	.0029	.0002	<.0000	.0106	.0199	.0638	1.292
#4	.0005	.0007	<.0000	.0106	.0277	<.0000	1.295

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0218	<.0000	6.774	.0068	.0056	<.0000	.2178
SDev	.0004	.0056	.030	.0039	.0153	.0453	.0902
%RSD	1.966	182.9	.4421	56.42	273.5	19110.	41.44

#1	.0222	.0009	6.779	.0096	<.0000	<.0000	.1544
#2	.0215	<.0000	6.785	.0096	<.0000	<.0000	.1262
#3	.0215	<.0000	6.731	.0014	.0045	<.0000	.2953
#4	.0222	.0009	6.800	.0068	.0270	.0643	.2953

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8646	.1119	<.0000	.0053
SDev	.0185	.0604	.0015	.0004
%RSD	2.143	54.03	2359.	7.265

#1	.8906	.0999	<.0000	.0051
#2	.8490	.0999	<.0000	.0059
#3	.8646	.1959	.0014	.0051
#4	.8542	.0518	.0008	.0051

Analysis Report

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Method: IECW Sample Name: ipc
 Run Time: 01/15/02 16:47:06
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.5086	1.080	.0568	.9824	1.022	1.025	1.046
SDev	.0014	.004	.0630	.0073	.004	.005	.002
%RSD	.2682	.3593	110.9	.7458	.4275	.4597	.2215

#1	.5102	1.076	.0605	.9896	1.027	1.029	1.047
#2	.5073	1.082	.0556	.9826	1.020	1.024	1.048
#3	.5078	1.077	<.0000	.9723	1.017	1.019	1.043
#4	.5093	1.083	.1328	.9849	1.024	1.028	1.047

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	1.030	1.028	.9929	.9952	1.039	.1913	1.038
SDev	.005	.005	.0032	.0043	.005	.1643	.015
%RSD	.4669	.4540	.3267	.4349	.4760	85.89	1.477

#1	1.037	1.030	.9952	.9993	1.041	.1731	1.034
#2	1.027	1.028	.9947	.9928	1.041	.2096	1.041
#3	1.029	1.022	.9882	.9904	1.031	<.0000	1.021
#4	1.029	1.033	.9937	.9985	1.042	.3918	1.058

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	1.022	1.027	1.036	1.054	1.053	.9772	.1496
SDev	.005	.024	.016	.006	.013	.0618	.0609
%RSD	.5228	2.381	1.540	.5625	1.229	6.328	40.71

#1	1.025	.9962	1.047	1.049	1.052	.9213	.2342
#2	1.020	1.024	1.047	1.060	1.070	.9385	.0932
#3	1.015	1.056	1.037	1.049	1.052	.9901	.1214
#4	1.027	1.032	1.013	1.059	1.038	1.059	.1496

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.073	1.172	1.005	1.031
SDev	.015	.103	.001	.010
%RSD	1.373	8.748	.1376	.9731

#1	1.094	1.154	1.006	1.041
#2	1.073	1.106	1.004	1.021
#3	1.063	1.106	1.004	1.023
#4	1.063	1.322	1.006	1.037

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Method: IECW Sample Name: cb

Operator: it

Run Time: 01/15/02 16:49:17

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0020	.0061	<.0000	.0022	.0007	.0010	<.0000
SDev	.0013	.0102	.0285	.0013	.0004	.0004	.0015
%RSD	65.74	168.3	146.9	59.25	57.71	39.43	12.13

#1	.0006	<.0000	<.0000	.0035	.0011	.0015	<.0000
#2	.0031	.0122	<.0000	.0017	.0011	.0010	<.0000
#3	.0011	.0133	.0034	.0029	.0004	.0007	<.0000
#4	.0031	.0077	<.0000	.0006	.0004	.0006	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0019	.0009	.0005	.0042	.0023	<.0000	.0092
SDev	.0014	.0021	.0013	.0007	.0033	.03815	.0069
%RSD	72.71	244.0	277.1	15.55	144.2	52.34	74.95

#1	<.0000	<.0000	<.0000	.0034	.0070	<.0000	.0017
#2	.0030	.0035	.0020	.0051	.0008	<.0000	.0151
#3	.0018	<.0000	<.0000	.0042	<.0000	<.0000	.0050
#4	.0030	.0016	.0010	.0042	.0023	<.0000	.0151

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0011	.0385	<.0000	.0065	.0045	.0258	.0986
SDev	.0004	.0094	.0215	.0048	.0160	.0382	.0949
%RSD	38.51	24.43	166.4	73.96	356.9	148.0	96.22

#1	.0015	.0484	<.0000	.0113	<.0000	.0473	.1269
#2	.0015	.0445	<.0000	.0099	.0270	<.0000	.0704
#3	.0007	.0326	.0075	.0017	<.0000	.0645	.2114
#4	.0007	.0287	<.0000	.0031	.0045	.0129	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.11080	.0007	.0019
SDev	.0215	.0410	.0003	.0016
%RSD	82.37	37.96	50.12	82.50

#1	<.0000	.1021	.0002	.0021
#2	.0026	.1260	.0008	.0021
#3	<.0000	.1501	.0008	.0037
#4	<.0000	.0540	.0008	<.0000