

WTC sampler

1/4/02 IT

BIK

29664

5 STD

29665

IPC+CB

29667

LFB+LRB

IPC+CB

29292 Lab Dup + spk

LFB+LRB

29293

30991 + Lab Dup + spk

29294

31314

29295

31325

29297

31323 1→2

29298

31300 1→2

29343

31371 + Diss + Diss BIK

29344

31422

29517

31373 1→2

29518

31534

IPC+CB

31493

29519 + Lab Dup + spk

~~31354~~

29520

IPC+CB

29521

29522

29523

29564

Reviewed by,
CB 3/6/02

Standardization Rpt.

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Method: IECW Standard: STD1-Blank

Run Time: 01/04/02 12:18:08



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	1.344	3.852	.4670	.2705	.1475	.1960	3.970
SDev	.003	.012	.0347	.0044	.0010	.0000	.011
%RSD	.2233	.3183	7.438	1.639	.6780	.0000	.2832

#1	1.348	3.864	.5060	.2760	.1480	.1960	3.984
#2	1.342	3.858	.4240	.2680	.1480	.1960	3.972
#3	1.342	3.836	.4800	.2660	.1480	.1960	3.958
#4	1.342	3.848	.4580	.2720	.1460	.1960	3.964

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.2655	2.500	.9455	.5875	-.0005	5.426	1.293
SDev	.0057	.005	.0068	.0010	.0068	.017	.005
%RSD	2.164	.1891	.7199	.1702	1361.	.3099	.3682

#1	.2700	2.496	.9460	.5880	.0020	5.444	1.298
#2	.2640	2.496	.9480	.5880	.0000	5.416	1.288
#3	.2700	2.500	.9360	.5880	.0060	5.408	1.296
#4	.2580	2.506	.9520	.5860	-.0100	5.436	1.290

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0915	.1265	1.949	.4880	.7310	.1450	.1305
SDev	.0010	.0010	.021	.0075	.0068	.0048	.0044
%RSD	1.093	.7905	1.094	1.533	.9345	3.283	3.398

#1	.0920	.1260	1.952	.4960	.7320	.1440	.1280
#2	.0920	.1260	1.948	.4900	.7280	.1420	.1320
#3	.0920	.1280	1.922	.4780	.7240	.1420	.1260
#4	.0900	.1260	1.974	.4880	.7400	.1520	.1360

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.451	.1360	.6840	.1530
SDev	.005	.0043	.0000	.0020
%RSD	.3258	3.177	.0000	1.307

#1	1.454	.1360	.6840	.1520
#2	1.454	.1400	.6840	.1560
#3	1.450	.1380	.6840	.1520
#4	1.444	.1300	.6840	.1520

Standardization Rpt.

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Method: IECW Standard: STD6

Run Time: 01/04/02 12:21:22



Elem	Ag3280
Avge	42.65
SDev	.10
%RSD	.2372

#1	42.76
#2	42.61
#3	42.53
#4	42.71

Standardization Rpt.

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Method: IECW Standard: STD3
Run Time: 01/04/02 12:23:30



Elem	Al3082	Be3130	Fe2599	Mo2020	Na5889	Ni2316	Sb2068
Avge	22.57	223.2	13.16	5.557	12.36	15.51	1.429
SDev	.03	.5	.04	.045	.02	.07	.006
%RSD	.1506	.2447	.3015	.8093	.1784	.4194	.4178

#1	22.59	223.6	13.18	5.522	12.36	15.53	1.432
#2	22.55	222.6	13.10	5.520	12.33	15.42	1.422
#3	22.60	223.0	13.17	5.572	12.36	15.51	1.428
#4	22.53	223.8	13.19	5.614	12.39	15.58	1.436

Elem	P11908
Avge	1.077
SDev	.031
%RSD	2.913

#1	1.088
#2	1.032
#3	1.104
#4	1.086

Standardization Rpt.

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Method: IECW Standard: STD4

Run Time: 01/04/02 12:25:45



Elem	As1936	B_2496	Cr2677	Se1960	Si2881
Avge	5.158	35.70	43.82	.9235	5.392
SDev	.021	.12	.10	.0207	.015
%RSD	.4157	.3396	.2253	2.239	.2709

#1	5.130	35.83	43.91	.9460	5.408
#2	5.182	35.78	43.87	.9280	5.400
#3	5.154	35.60	43.68	.8960	5.384
#4	5.162	35.60	43.84	.9240	5.376

Standardization Rpt.

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Method: IECW Standard: STD2

Run Time: 01/04/02 12:28:48



Elem	Ba4934	Ca3179	Cd2288	Co2286	Cu3247	K_7664	Mg2790
Avge	28.75	88.64	35.11	122.1	26.35	11.00	7.445
SDev	.08	.25	.08	.4	.07	.03	.013
%RSD	.2620	.2818	.2163	.3342	.2613	.2756	.1760

#1	28.77	88.32	35.02	121.5	26.37	10.96	7.430
#2	28.77	88.89	35.17	122.3	26.36	11.01	7.462
#3	28.64	88.58	35.08	122.0	26.24	10.99	7.444
#4	28.81	88.77	35.17	122.4	26.40	11.03	7.446

Elem	Mn2576	Pb2203	Zn2138
Avge	27.83	5.328	27.64
SDev	.08	.017	.04
%RSD	.2984	.3141	.1524

#1	27.74	5.306	27.58
#2	27.88	5.342	27.63
#3	27.78	5.324	27.65
#4	27.91	5.340	27.68

Standardization Rpt.

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Method: IECW Standard: STD5
Run Time: 01/04/02 12:31:10



Elem	V_2924
Avge	30.48
SDev	.06
%RSD	.2113

#1	30.40
#2	30.55
#3	30.50
#4	30.45

Analysis Report

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Method: IECW Sample Name: ipc
 Run Time: 01/04/02 12:33:25
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.4880	1.041	.0319	1.001	1.002	.9862	1.016
SDev	.0025	.005	.0351	.006	.004	.0045	.004
%RSD	.5147	.4385	109.9	.6417	.4208	.4572	.3772
#1	.4881	1.038	<.0000	.9998	1.007	.9890	1.016
#2	.4915	1.047	.0211	1.010	1.004	.9909	1.022
#3	.4862	1.038	.0554	.9969	.9974	.9812	1.015
#4	.4862	1.042	.0639	1.002	.9995	.9837	1.013
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	1.004	1.010	.9916	.9830	1.026	<.0000	.9862
SDev	.002	.003	.0064	.0026	.007	.1533	.0152
%RSD	.1575	.3146	.6427	.2610	.6894	74.30	1.546
#1	1.003	1.010	.9926	.9847	1.033	<.0000	.9635
#2	1.005	1.014	1.000	.9855	1.032	<.0000	.9927
#3	1.002	1.008	.9851	.9801	1.021	.0000	.9960
#4	1.005	1.006	.9888	.9816	1.020	<.0000	.9927
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	1.002	1.007	1.027	1.017	.9860	.9415	<.0000
SDev	.007	.020	.009	.020	.0168	.0127	.0206
%RSD	.6702	2.012	.8298	1.942	1.704	1.353	23.62
#1	1.004	.9897	1.032	1.026	1.011	.9415	<.0000
#2	1.010	1.027	1.016	1.034	.9806	.9571	<.0000
#3	.9937	.9897	1.024	1.018	.9763	.9259	<.0000
#4	.9995	1.023	1.036	.9892	.9763	.9415	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	1.057	1.098	1.013	1.007			
SDev	.014	.108	.008	.004			
%RSD	1.359	9.810	.7552	.4275			
#1	1.068	.9755	1.022	1.010			
#2	1.057	1.125	1.017	1.010			
#3	1.037	1.061	1.006	1.001			
#4	1.068	1.231	1.008	1.007			

Analysis Report

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Method: IECW Sample Name: cb
 Run Time: 01/04/02 12:35:52
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	.0067	.0035	<.0000	.0005	<.0000
SDev	.0007	.0048	.0383	.0017	.0004	.0002	.0011
%RSD	17.65	23.43	573.8	47.96	233.9	42.24	16.95

#1	<.0000	<.0000	<.0000	.0049	.0002	.0007	<.0000
#2	<.0000	<.0000	.0578	.0049	<.0000	.0005	<.0000
#3	<.0000	<.0000	<.0000	.0027	.0002	.0004	<.0000
#4	<.0000	<.0000	.0109	.0016	<.0000	.0003	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0019	.0015	<.0000	.0045	.0046	<.0000	<.0000
SDev	.0008	.0012	.0015	.0004	.0019	.1974	.0107
%RSD	43.49	83.70	340.7	10.04	41.88	9.607	37.76

#1	.0013	.0024	.0011	.0041	.0065	<.0000	<.0000
#2	.0013	.0022	<.0000	.0049	.0049	<.0000	<.0000
#3	.0019	<.0000	<.0000	.0041	.0019	<.0000	<.0000
#4	.0030	.0015	.0006	.0049	.0049	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0000	.0461	<.0000	<.0000	<.0000	.0196	<.0000
SDev	.0004	.0114	.0180	.0024	.0207	.0267	.0431
%RSD	25320.	24.76	64.71	183.4	190.5	136.3	114.1

#1	.0002	.0617	<.0000	<.0000	<.0000	.0548	<.0000
#2	<.0000	.0470	<.0000	.0013	<.0000	.0235	.0190
#3	.0002	.0396	<.0000	<.0000	.0196	.0079	<.0000
#4	.0002	.0359	<.0000	.0000	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	<.0000	.0001	<.0000	.0000
SDev	.0064	.0968	.0010	.0004
%RSD	17.97	167300.	54.55	24500.

#1	<.0000	<.0000	<.0000	.0004
#2	<.0000	.0213	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000
#4	<.0000	.1278	<.0000	.0004

Analysis Report

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Method: IECW Sample Name: lfb
 Run Time: 01/04/02 12:39:47
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0188	.2533	.2438	.2528	.2476	.0479	.0077
SDev	.0022	.0099	.0334	.0008	.0003	.0001	.0021
%RSD	11.44	3.920	13.71	.3353	.1413	.1790	27.20

#1	.0214	.2674	.2500	.2524	.2478	.0481	.0107
#2	.0195	.2482	.2375	.2535	.2478	.0480	.0074
#3	.0166	.2450	.2034	.2535	.2478	.0479	.0060
#4	.0176	.2525	.2843	.2518	.2471	.0479	.0066

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1043	.1029	.2475	.2500	.2587	.0000	<.0000
SDev	.0048	.0007	.0028	.0018	.0012	.6008	.0138
%RSD	4.637	.6684	1.123	.7337	.4809	54.44	93.70

#1	.0971	.1029	.2506	.2525	.2587	<.0000	<.0000
#2	.1058	.1021	.2468	.2487	.2587	<.0000	<.0000
#3	.1069	.1031	.2441	.2487	.2602	<.0000	<.0000
#4	.1075	.1037	.2487	.2502	.2572	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2509	.1132	.0590	.2524	.2229	.2335	.1880
SDev	.0009	.0052	.0123	.0130	.0103	.0202	.0952
%RSD	.3617	4.601	20.81	5.144	4.612	8.638	50.66

#1	.2511	.1205	.0739	.2517	.2239	.2413	.0681
#2	.2518	.1132	.0489	.2597	.2152	.2257	.2195
#3	.2511	.1095	.0489	.2637	.2152	.2569	.1691
#4	.2497	.1095	.0643	.2344	.2370	.2101	.2952

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.1954	.2869	.0983	.2523
SDev	.0228	.0408	.0014	.0012
%RSD	11.68	14.22	1.421	.4925

#1	.2220	.2549	.1000	.2536
#2	.1967	.2975	.0966	.2521
#3	.1662	.3401	.0980	.2528
#4	.1966	.2549	.0986	.2507

Analysis Report

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Method: IECW Sample Name: lrb

Operator: it

Run Time: 01/04/02 12:42:21

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0007	<.0000	<.0000	<.0000
SDev	.0007	.0072	.0408	.0024	.0000	.0001	.0019
%RSD	16.16	31.17	91.66	334.9	.1449	115.5	24.25

#1	<.0000	<.0000	<.0000	.0021	<.0000	.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	.0000	<.0000
#3	<.0000	<.0000	<.0000	.0032	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0010	<.0000	<.0000	.0014	.0034	<.0000	<.0000
SDev	.0011	.0013	.0007	.0010	.0021	.2512	.0177
%RSD	109.3	114.8	43.05	73.72	62.56	13.86	68.09

#1	.0019	<.0000	<.0000	.0017	.0034	<.0000	<.0000
#2	.0019	<.0000	<.0000	.0010	.0049	<.0000	<.0000
#3	<.0000	<.0000	<.0000	.0025	.0049	<.0000	<.0000
#4	.0007	.0004	<.0000	.0002	.0004	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	.0138	<.0000	.0020	<.0000	.0118	<.0000
SDev	.0004	.0043	.0146	.0070	.0289	.0234	.0753
%RSD	100.4	30.78	46.17	349.7	380.5	198.8	601.3

#1	<.0000	.0175	<.0000	.0053	.0283	.0235	.0695
#2	.0002	.0175	<.0000	.0027	<.0000	<.0000	.0190
#3	<.0000	.0101	<.0000	<.0000	.0022	.0391	<.0000
#4	<.0000	.0102	<.0000	.0080	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	<.0000
SDev	.0173	.1132	.0006	.0012
%RSD	228.1	304.3	20.13	328.3

#1	.0089	<.0000	<.0000	<.0000
#2	<.0000	.0214	<.0000	<.0000
#3	<.0000	<.0000	<.0000	.0011
#4	<.0000	.0853	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 29292

Operator: it

Run Time: 01/04/02 12:56:56

Comment:

Mode: CDNC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0023	.0051	.0136	<.0000	6.110
SDev	.0000	.0072	.0113	.0000	.0000	.0001	.009
%RSD	.0049	207.2	491.5	.0594	.0064	115.5	.1448

#1	<.0000	.0016	<.0000	.0051	.0136	.0000	6.111
#2	<.0000	<.0000	.0098	.0051	.0136	<.0000	6.111
#3	<.0000	<.0000	.0141	.0051	.0136	.0000	6.120
#4	<.0000	.0038	<.0000	.0051	.0136	<.0000	6.099

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	.0010	.0006	.0086	.0340	<.0000	1.303
SDev	.0010	.0006	.0014	.0011	.0023	.1186	.011
%RSD	271.5	56.28	234.8	12.79	6.696	20.33	.8525

#1	<.0000	.0014	<.0000	.0094	.0329	<.0000	1.291
#2	.0012	.0004	.0026	.0086	.0329	<.0000	1.317
#3	.0012	.0007	<.0000	.0094	.0375	<.0000	1.304
#4	<.0000	.0015	.0007	.0070	.0329	<.0000	1.298

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0186	.0027	6.992	.0043	<.0000	<.0000	<.0000
SDev	.0004	.0030	.019	.0059	.0152	.0202	.0126
%RSD	1.933	112.3	.2713	136.3	107.7	9744.	1944.

#1	.0181	.0064	6.993	.0023	<.0000	<.0000	.0183
#2	.0188	<.0000	7.000	<.0000	<.0000	.0076	<.0000
#3	.0188	.0027	7.010	.0023	<.0000	<.0000	<.0000
#4	.0188	.0027	6.966	.0130	<.0000	.0232	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8818	.0564	<.0000	.0017
SDev	.0187	.0682	.0003	.0008
%RSD	2.127	121.0	13.01	48.67

#1	.8691	.1043	<.0000	.0025
#2	.8894	.1256	<.0000	.0010
#3	.8640	<.0000	<.0000	.0025
#4	.9046	<.0000	<.0000	.0010

Analysis Report

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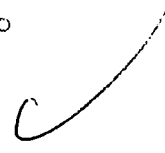
Method: IECW Sample Name: 292921ab dup

Operator: it

Run Time: 01/04/02 12:58:56

Comment:

Mode: CDNC Corr. Factor: 1



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0279	.0043	.0136 ¹³⁶	<.0000	6.089 ^{6.110}
SDev	.0019	.0156	.0315	.0023	.0000	.0001	.016
%RSD	108.9	391.1	113.0	54.38	.0136	115.5	.2579
#1	<.0000	.0166	.0436	.0046	.0136	.0000	6.092
#2	.0010	<.0000	.0268	.0046	.0136	.0000	6.072
#3	<.0000	<.0000	<.0000	.0012	.0136	<.0000	6.109
#4	<.0000	<.0000	.0568	.0068	.0136	<.0000	6.082
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0015	<.0000	<.0000	.0078	.0329 ³⁴⁰	<.0000	1.282 ^{1.303}
SDev	.0011	.0014	.0015	.0014	.0028	.3781	.016
%RSD	72.53	758.4	163.2	18.15	8.450	63.85	1.248
#1	.0024	<.0000	<.0000	.0086	.0314	<.0000	1.285
#2	.0024	.0017	<.0000	.0094	.0344	<.0000	1.282
#3	.0012	.0000	<.0000	.0063	.0299	<.0000	1.301
#4	.0001	<.0000	.0012	.0070	.0359	<.0000	1.262
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0186 ¹⁸⁶	.0064	6.994 ⁶⁹⁹²	.0063 ⁴³	<.0000	<.0000	<.0000
SDev	.0007	.0030	.068	.0029	.0131	.0423	.0437
%RSD	3.703	47.22	.9694	45.43	49.98	527.6	223.7
#1	.0181	.0064	6.962	.0090	<.0000	.0232	<.0000
#2	.0188	.0100	6.941	.0063	<.0000	.0076	<.0000
#3	.0195	.0064	7.093	.0023	<.0000	<.0000	.0183
#4	.0181	.0027	6.979	.0077	<.0000	.0076	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.8805	.0298	<.0000	.0008 ⁰⁰¹⁷			
SDev	.0140	.0507	.0016	.0007			
%RSD	1.588	170.3	59.80	85.13			
#1	.8894	.1043	<.0000	.0017			
#2	.8945	<.0000	<.0000	.0003			
#3	.8640	<.0000	<.0000	.0003			
#4	.8742	.0192	<.0000	.0010			

Analysis Report

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Method: IECW Sample Name: 29292spk

Operator: it

Run Time: 01/04/02 13:05:27

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0179	.2619	.2588	.2606	.2627	.0485	5.990
SDev	.0010	.0106	.0455	.0027	.0009	.0002	.017
%RSD	5.397	4.061	17.57	1.034	.3343	.4859	.2802

#1	.0184	.2688	.2533	.2644	.2640	.0489	6.011
#2	.0184	.2688	.2789	.2605	.2626	.0485	5.995
#3	.0165	.2464	.1982	.2594	.2619	.0483	5.983
#4	.0184	.2635	.3046	.2582	.2626	.0484	5.972

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1025	.1020	.2503	.2551	.2844	<.0000	1.276
SDev	.0020	.0023	.0032	.0008	.0044	.3106	.009
%RSD	1.912	2.214	1.298	.3043	1.541	46.16	.7014

#1	.1017	.1034	.2545	.2555	.2897	<.0000	1.285
#2	.1005	.1019	.2512	.2555	.2852	<.0000	1.282
#3	.1028	.1039	.2475	.2555	.2791	<.0000	1.265
#4	.1051	.0989	.2479	.2540	.2836	<.0000	1.272

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2710	.0974	6.898	.2627	.2544	.2098	.3197
SDev	.0021	.0110	.029	.0080	.0071	.0255	.0898
%RSD	.7640	11.30	.4251	3.056	2.793	12.15	28.08

#1	.2741	.1094	6.914	.2620	.2457	.2410	.2188
#2	.2705	.0836	6.854	.2554	.2544	.2098	.3953
#3	.2697	.1020	6.916	.2594	.2544	.2099	.3954
#4	.2697	.0946	6.908	.2740	.2631	.1786	.2693

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9985	.2368	.0989	.2555
SDev	.0303	.0765	.0012	.0017
%RSD	3.034	32.33	1.175	.6727

#1	1.006	.1888	.0999	.2578
#2	1.026	.2527	.0999	.2542
#3	.9554	.1676	.0979	.2542
#4	1.006	.3379	.0979	.2557

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Method: IECW Sample Name: 29293

Operator: it

Run Time: 01/04/02 13:08:10

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0190	<.0000	.0073	.0212	.0000	11.12
SDev	.0004	.0090	.0266	.0008	.0003	.0000	.05
%RSD	38.49	47.40	570.3	11.59	1.647	.0000	.4786

#1	<.0000	.0308	<.0000	.0080	.0214	.0000	11.15
#2	<.0000	.0105	.0082	.0069	.0207	.0000	11.12
#3	<.0000	.0212	<.0000	.0063	.0214	.0000	11.17
#4	<.0000	.0137	.0167	.0080	.0214	.0000	11.05

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0006	.0002	.0016	.0123	.1158	<.0000	3.211
SDev	.0008	.0002	.0013	.0006	.0038	.3455	.020
%RSD	145.6	70.72	83.34	5.150	3.288	80.22	.6314

#1	<.0000	.0003	.0006	.0123	.1170	.0359	3.206
#2	.0006	<.0000	.0016	.0123	.1155	<.0000	3.212
#3	<.0000	.0003	.0034	.0116	.1109	<.0000	3.238
#4	.0017	.0003	.0007	.0131	.1200	<.0000	3.189

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.1074	.0108	12.86	.0065	<.0000	<.0000	<.0000
SDev	.0008	.0076	.06	.0049	.0186	.0156	.0291
%RSD	.7748	70.18	.4440	75.55	155.1	2591.	49.85

#1	.1081	.0173	12.87	.0045	<.0000	<.0000	<.0000
#2	.1066	.0062	12.84	.0045	.0152	<.0000	<.0000
#3	.1081	.0025	12.93	.0032	<.0000	.0228	<.0000
#4	.1066	.0173	12.79	.0139	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.112	.0958	<.0000	.0014
SDev	.017	.1520	.0009	.0011
%RSD	1.556	158.7	62.87	75.66

#1	1.114	<.0000	<.0000	.0024
#2	1.104	.1650	<.0000	.0009
#3	1.134	.0159	<.0000	.0002
#4	1.094	.2715	<.0000	.0024

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Method: IECW Sample Name: 29294

Operator: it

Run Time: 01/04/02 13:15:16

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0045	.0060	.0135	<.0000	6.443
SDev	.0014	.0052	.0132	.0006	.0000	.0000	.025
%RSD	47.43	129.3	293.8	9.470	.0166	66.67	.3899

#1	<.0000	<.0000	.0056	.0057	.0135	<.0000	6.446
#2	<.0000	.0027	<.0000	.0057	.0135	<.0000	6.433
#3	<.0000	<.0000	.0226	.0068	.0135	<.0000	6.416
#4	<.0000	<.0000	<.0000	.0057	.0135	.0000	6.475

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0009	<.0000	<.0000	.0059	.0283	<.0000	1.208
SDev	.0010	.0017	.0008	.0010	.0033	.3442	.017
%RSD	105.3	118.9	275.3	17.11	11.59	31.97	1.415

#1	.0007	<.0000	<.0000	.0055	.0298	<.0000	1.220
#2	.0007	<.0000	.0008	.0070	.0238	<.0000	1.226
#3	.0001	<.0000	<.0000	.0063	.0283	<.0000	1.194
#4	.0024	<.0000	<.0000	.0047	.0314	<.0000	1.194

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0163	<.0000	7.256	.0057	<.0000	.0076	<.0000
SDev	.0004	.0052	.047	.0038	.0152	.0285	.0206
%RSD	2.557	521.1	.6444	67.55	66.67	374.2	64.06

#1	.0159	<.0000	7.240	.0050	<.0000	.0389	<.0000
#2	.0167	<.0000	7.256	.0064	<.0000	<.0000	<.0000
#3	.0167	.0027	7.208	.0010	<.0000	.0232	<.0000
#4	.0159	.0027	7.319	.0104	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8781	.0192	<.0000	.0017
SDev	.0076	.0550	.0006	.0016
%RSD	.8664	286.0	28.67	91.07

#1	.8845	.0831	<.0000	.0017
#2	.8743	<.0000	<.0000	.0032
#3	.8693	.0405	<.0000	<.0000
#4	.8845	<.0000	<.0000	.0025

Analysis Report

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page 1

Method: IECW Sample Name: 29295

Operator: it

Run Time: 01/04/02 13:17:11

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0769	.0228	.0194	.0000	27.82
SDev	.0009	.0074	.0369	.0012	.0000	.0000	.03
%RSD	49.78	152.0	48.03	5.111	.0221	.0000	.1173

#1	<.0000	.0013	.1248	.0230	.0194	.0000	27.81
#2	<.0000	.0002	.0352	.0230	.0194	.0000	27.84
#3	<.0000	<.0000	.0694	.0241	.0194	.0000	27.79
#4	<.0000	<.0000	.0780	.0213	.0194	.0000	27.85

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0004	.0002	.0052	.0120	.0069	.6101	14.70
SDev	.0012	.0013	.0006	.0010	.0008	.3276	.04
%RSD	277.0	787.2	12.43	8.123	11.13	53.70	.2812

#1	.0006	<.0000	.0052	.0134	.0073	.8972	14.65
#2	<.0000	.0022	.0057	.0118	.0057	.1436	14.72
#3	.0017	<.0000	.0043	.0118	.0073	.7536	14.69
#4	.0006	<.0000	.0057	.0111	.0072	.6460	14.74

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0264	.0092	29.80	.0080	<.0000	.0016	<.0000
SDev	.0004	.0060	.15	.0086	.0109	.0197	.0559
%RSD	1.363	65.48	.5191	108.5	333.4	1200.	811.9

#1	.0266	.0018	29.68	.0070	.0109	.0055	.0625
#2	.0266	.0092	29.95	.0203	<.0000	.0055	<.0000
#3	.0259	.0166	29.65	.0003	<.0000	.0212	<.0000
#4	.0266	.0092	29.91	.0043	<.0000	<.0000	.0120

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	8.468	.2112	<.0000	<.0000
SDev	.059	.0245	.0003	.0004
%RSD	.7007	11.62	40.36	86.51

#1	8.451	.1899	<.0000	<.0000
#2	8.481	.2324	<.0000	<.0000
#3	8.400	.1899	<.0000	<.0000
#4	8.542	.2324	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 29297

Operator: it

Run Time: 01/04/02 13:20:05

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0032	.0143	<.0000	5.897
SDev	.0011	.0107	.0505	.0007	.0000	.0000	.021
%RSD	30.82	212.6	176.8	23.11	.0136	.0000	.3540

#1	<.0000	<.0000	<.0000	.0029	.0143	<.0000	5.926
#2	<.0000	<.0000	.0099	.0040	.0143	<.0000	5.897
#3	<.0000	<.0000	<.0000	.0034	.0143	<.0000	5.878
#4	<.0000	.0091	.0139	.0023	.0143	<.0000	5.886

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0012	<.0000	<.0000	.0002	.0253	<.0000	1.286
SDev	.0009	.0015	.0010	.0007	.0012	.3547	.009
%RSD	76.34	170.3	315.0	304.9	4.898	29.50	.6649

#1	.0012	.0010	.0003	.0008	.0238	<.0000	1.282
#2	.0001	<.0000	<.0000	.0000	.0253	<.0000	1.285
#3	.0024	<.0000	<.0000	<.0000	.0253	<.0000	1.278
#4	.0012	<.0000	.0007	.0008	.0268	<.0000	1.298

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0228	.0027	7.505	.0053	<.0000	.0037	.0246
SDev	.0007	.0000	.016	.0045	.0285	.0296	.0520
%RSD	3.165	.2491	.2144	84.89	238.2	796.8	211.3

#1	.0231	.0027	7.527	.0090	.0022	.0076	<.0000
#2	.0217	.0027	7.508	<.0000	<.0000	<.0000	.0688
#3	.0231	.0027	7.496	.0037	<.0000	.0233	<.0000
#4	.0231	.0027	7.490	.0090	.0065	.0232	.0687

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8450	.0351	<.0000	<.0000
SDev	.0182	.0974	.0004	.0008
%RSD	2.156	277.4	16.06	71.08

#1	.8336	.1682	<.0000	<.0000
#2	.8488	.0191	<.0000	<.0000
#3	.8285	<.0000	<.0000	<.0000
#4	.8691	.0191	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 29298

Operator: it

Run Time: 01/04/02 13:22:47

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0013	.0145	<.0000	5.853
SDev	.0006	.0044	.0158	.0015	.0003	.0000	.017
%RSD	20.32	61.34	88.37	111.3	2.427	66.67	.2852

#1	<.0000	<.0000	<.0000	.0029	.0143	<.0000	5.875
#2	<.0000	<.0000	<.0000	.0001	.0143	.0000	5.858
#3	<.0000	<.0000	<.0000	.0023	.0143	<.0000	5.839
#4	<.0000	<.0000	.0014	.0001	.0150	<.0000	5.841

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0005	<.0000	.0009	<.0000	.0246	<.0000	1.262
SDev	.0010	.0011	.0002	.0004	.0020	.1310	.006
%RSD	191.6	77.02	26.56	270.7	7.989	10.43	.4700

#1	.0018	<.0000	.0008	.0001	.0223	<.0000	1.269
#2	.0001	.0000	.0012	.0001	.0268	<.0000	1.265
#3	<.0000	<.0000	.0008	<.0000	.0253	<.0000	1.259
#4	.0007	<.0000	.0008	.0001	.0238	<.0000	1.256

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0231	<.0000	7.051	.0050	<.0000	.0037	.0057
SDev	.0000	.0060	.042	.0039	.0168	.0346	.0437
%RSD	.0021	601.2	.6019	78.22	46.81	931.3	766.1

#1	.0231	<.0000	7.114	.0103	<.0000	<.0000	<.0000
#2	.0231	<.0000	7.039	.0010	<.0000	<.0000	.0687
#3	.0231	<.0000	7.027	.0037	<.0000	.0545	<.0000
#4	.0231	.0064	7.024	.0050	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8527	<.0000	<.0000	<.0000
SDev	.0120	.0787	.0006	.0000
%RSD	1.407	231.1	26.39	.1242

#1	.8438	<.0000	<.0000	<.0000
#2	.8438	.0192	<.0000	<.0000
#3	.8540	<.0000	<.0000	<.0000
#4	.8692	<.0000	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 29343

Run Time: 01/04/02 13:25:18

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	.0027	<.0000	.0039	.0143	.0000	5.934
SDev	.0016	.0037	.0279	.0013	.0000	.0000	.011
%RSD	122.5	136.5	146.4	32.37	.0093	.0000	.1930

#1	.0010	.0059	<.0000	.0034	.0143	.0000	5.949
#2	<.0000	<.0000	<.0000	.0057	.0143	.0000	5.923
#3	<.0000	.0059	<.0000	.0034	.0143	.0000	5.936
#4	<.0000	<.0000	.0140	.0029	.0143	.0000	5.928

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0015	.0003	.0014	.0006	.0246	<.0000	1.289
SDev	.0014	.0014	.0008	.0007	.0020	.2611	.014
%RSD	95.35	505.3	55.82	117.9	7.987	38.80	1.097

#1	.0029	.0000	.0012	.0000	.0268	<.0000	1.301
#2	<.0000	.0020	.0012	.0000	.0238	<.0000	1.291
#3	.0018	.0004	.0008	.0008	.0253	<.0000	1.269
#4	.0018	<.0000	.0026	.0016	.0223	<.0000	1.295

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0226	.0036	7.433	.0053	<.0000	.0193	<.0000
SDev	.0004	.0018	.027	.0013	.0149	.0346	.0861
%RSD	1.598	51.16	.3574	23.91	170.7	179.4	440.3

#1	.0224	.0064	7.465	.0063	<.0000	<.0000	<.0000
#2	.0224	.0027	7.406	.0037	.0109	.0076	.0183
#3	.0231	.0027	7.442	.0063	<.0000	.0545	.0687
#4	.0224	.0027	7.417	.0050	<.0000	.0388	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9173	<.0000	<.0000	<.0000
SDev	.0088	.0408	.0011	.0004
%RSD	.9580	119.5	77.96	133.8

#1	.9148	<.0000	<.0000	<.0000
#2	.9300	<.0000	<.0000	.0003
#3	.9148	<.0000	<.0000	<.0000
#4	.9097	<.0000	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 29344

Operator: it

Run Time: 01/04/02 13:27:48

Comment:

Mode: CDNC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0119	.0049	.0143	<.0000	5.878
SDev	.0014	.0086	.0383	.0014	.0000	.0000	.017
%RSD	83.81	1757.	322.5	29.19	.0108	200.0	.2923

#1	<.0000	.0027	<.0000	.0046	.0143	.0000	5.855
#2	.0000	<.0000	.0140	.0068	.0143	.0000	5.875
#3	<.0000	<.0000	<.0000	.0046	.0143	<.0000	5.889
#4	<.0000	.0081	.0651	.0034	.0143	.0000	5.892

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0018	<.0000	.0003	<.0000	.0272	<.0000	1.284
SDev	.0019	.0014	.0008	.0010	.0029	.2222	.011
%RSD	104.1	310.3	305.0	677.0	10.57	27.52	.8367

#1	.0018	<.0000	<.0000	<.0000	.0253	<.0000	1.285
#2	.0018	.0014	.0012	.0008	.0314	<.0000	1.282
#3	<.0000	<.0000	<.0000	.0000	.0268	<.0000	1.298
#4	.0011	<.0000	.0008	.0000	.0253	<.0000	1.272

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0230	.0027	6.953	.0073	<.0000	.0037	<.0000
SDev	.0007	.0043	.024	.0029	.0322	.0149	.0858
%RSD	3.009	158.8	.3482	40.27	228.0	404.3	647.8

#1	.0239	.0064	6.927	.0090	<.0000	.0232	.0183
#2	.0224	.0064	6.941	.0103	<.0000	<.0000	<.0000
#3	.0224	<.0000	6.983	.0037	<.0000	<.0000	<.0000
#4	.0231	<.0000	6.960	.0063	.0283	.0076	.0687

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8767	.0351	<.0000	<.0000
SDev	.0300	.0989	.0004	.0004
%RSD	3.426	281.9	36.29	468.8

#1	.8539	<.0000	<.0000	.0003
#2	.9097	.1043	<.0000	.0003
#3	.8488	<.0000	<.0000	<.0000
#4	.8945	.1256	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 29517

Operator: it

Run Time: 01/04/02 13:30:57

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0048	.0158	<.0000	8.163
SDev	.0016	.0121	.0505	.0017	.0004	.0000	.011
%RSD	61.88	2234.	643.2	35.04	2.553	200.0	.1291

#1	<.0000	.0013	.0348	.0027	.0161	.0000	8.158
#2	<.0000	<.0000	<.0000	.0055	.0154	.0000	8.151
#3	<.0000	.0099	<.0000	.0044	.0161	.0000	8.175
#4	<.0000	.0045	.0305	.0066	.0154	<.0000	8.168

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0012	<.0000	<.0000	.0105	.0344	<.0000	2.078
SDev	.0012	.0029	.0014	.0008	.0015	.3605	.012
%RSD	104.2	257.4	4065.	7.411	4.241	37.55	.5712

#1	.0012	<.0000	.0003	.0101	.0355	<.0000	2.084
#2	.0006	<.0000	<.0000	.0101	.0355	<.0000	2.065
#3	.0029	.0003	.0012	.0116	.0325	<.0000	2.091
#4	.0000	.0010	.0003	.0101	.0340	<.0000	2.071

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0227	.0017	9.592	.0121	<.0000	.0114	<.0000
SDev	.0004	.0018	.033	.0032	.0182	.0322	.0781
%RSD	1.829	107.7	.3487	26.12	1671.	283.0	572.7

#1	.0231	.0026	9.589	.0128	.0109	.0543	<.0000
#2	.0224	<.0000	9.629	.0141	<.0000	.0075	<.0000
#3	.0231	.0026	9.549	.0141	.0065	.0074	.0935
#4	.0224	.0026	9.600	.0075	.0065	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9844	.0338	<.0000	.0017
SDev	.0272	.0364	.0010	.0008
%RSD	2.760	107.6	44.13	49.74

#1	.9539	<.0000	<.0000	.0024
#2	1.010	.0818	<.0000	.0010
#3	1.005	.0178	<.0000	.0010
#4	.9692	.0392	<.0000	.0024

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Method: IECW Sample Name: 29518

Operator: it

Run Time: 01/04/02 13:33:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0022	.0141	<.0000	5.923
SDev	.0009	.0040	.0134	.0021	.0003	.0000	.012
%RSD	21.77	22.58	67.52	96.13	2.474	40.00	.2049

#1	<.0000	<.0000	<.0000	.0023	.0136	<.0000	5.915
#2	<.0000	<.0000	<.0000	<.0000	.0143	<.0000	5.939
#3	<.0000	<.0000	<.0000	.0046	.0143	<.0000	5.912
#4	<.0000	<.0000	<.0000	.0023	.0143	<.0000	5.924

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0024	<.0000	<.0000	.0061	.0341	<.0000	1.285
SDev	.0012	.0016	.0000	.0007	.0008	.1758	.018
%RSD	52.18	133.3	.5076	12.25	2.241	10.89	1.386

#1	.0012	<.0000	<.0000	.0055	.0344	<.0000	1.265
#2	.0041	<.0000	<.0000	.0070	.0344	<.0000	1.295
#3	.0018	.0005	<.0000	.0063	.0329	<.0000	1.304
#4	.0024	<.0000	<.0000	.0055	.0344	<.0000	1.275

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0244	<.0000	6.935	.0057	<.0000	<.0000	<.0000
SDev	.0004	.0030	.044	.0035	.0071	.0267	.0694
%RSD	1.476	301.7	.6316	62.13	21.78	135.5	109.1

#1	.0246	.0027	6.951	.0063	<.0000	.0077	<.0000
#2	.0246	<.0000	6.985	.0103	<.0000	<.0000	.0183
#3	.0246	<.0000	6.881	.0023	<.0000	<.0000	<.0000
#4	.0239	<.0000	6.924	.0037	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7930	.0298	<.0000	.0021
SDev	.0072	.0275	.0008	.0007
%RSD	.9012	92.30	21.51	34.74

#1	.7880	<.0000	<.0000	.0025
#2	.7930	.0404	<.0000	.0025
#3	.8031	.0191	<.0000	.0025
#4	.7880	.0618	<.0000	.0010

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Method: IECW Sample Name: ipc

Operator: it

Run Time: 01/04/02 13:49:51

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.4799	1.010	.0355	.9763	.9867	.9698	.9945
SDev	.0014	.011	.0248	.0038	.0015	.0006	.0042
%RSD	.2970	1.097	69.80	.3934	.1571	.0624	.4267

#1	.4780	1.005	.0687	.9811	.9855	.9690	.9911
#2	.4804	.9993	.0346	.9732	.9890	.9702	.9991
#3	.4814	1.025	.0087	.9777	.9862	.9704	.9970
#4	.4799	1.011	.0302	.9732	.9862	.9697	.9907

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.9904	.9833	.9710	.9560	.9976	<.0000	.9578
SDev	.0097	.0037	.0023	.0009	.0036	.2886	.0215
%RSD	.9806	.3718	.2362	.0938	.3632	22.34	2.241

#1	1.005	.9787	.9707	.9552	1.001	<.0000	.9472
#2	.9885	.9829	.9739	.9552	.9938	<.0000	.9830
#3	.9850	.9876	.9683	.9568	.9953	<.0000	.9667
#4	.9833	.9840	.9712	.9568	.9999	<.0000	.9342

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.9833	.9464	1.018	1.012	.9774	.9143	<.0000
SDev	.0041	.0239	.011	.008	.0175	.0347	.0126
%RSD	.4212	2.531	1.083	.8324	1.794	3.790	29.31

#1	.9807	.9234	1.016	1.009	.9676	.9260	<.0000
#2	.9894	.9344	1.032	1.020	.9763	.8948	<.0000
#3	.9822	.9492	1.005	1.001	1.002	.8791	<.0000
#4	.9807	.9786	1.018	1.017	.9632	.9573	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.9877	1.055	.9888	.9846
SDev	.0324	.061	.0021	.0045
%RSD	3.286	5.797	.2102	.4571

#1	1.022	1.018	.9886	.9870
#2	.9712	1.018	.9906	.9884
#3	1.007	1.039	.9859	.9848
#4	.9509	1.146	.9900	.9782

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Method: IECW Sample Name: cb

Operator: it

Run Time: 01/04/02 13:52:34

Comment:

Mode: CDNC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	<.0000	<.0000	.0004	<.0000
SDev	.0008	.0049	.0322	.0008	.0000	.0001	.0011
%RSD	27.71	16.34	259.8	302.1	.0496	29.61	13.90

#1	<.0000	<.0000	.0110	<.0000	<.0000	.0005	<.0000
#2	<.0000	<.0000	<.0000	.0010	<.0000	.0004	<.0000
#3	<.0000	<.0000	.0110	<.0000	<.0000	.0004	<.0000
#4	<.0000	<.0000	<.0000	<.0000	<.0000	.0003	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0013	<.0000	<.0000	<.0000	.0042	<.0000	<.0000
SDev	.0027	.0020	.0010	.0007	.0020	.2878	.0041
%RSD	211.3	284.2	64.00	191.9	46.82	11.88	11.71

#1	.0042	<.0000	<.0000	.0002	.0019	<.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	.0065	<.0000	<.0000
#3	<.0000	.0015	<.0000	<.0000	.0050	<.0000	<.0000
#4	.0030	<.0000	<.0000	.0002	.0034	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	.0267	<.0000	.0090	<.0000	.0274	<.0000
SDev	.0004	.0088	.0073	.0065	.0220	.0369	.1119
%RSD	233.4	32.81	60.45	71.87	101.4	134.6	594.7

#1	.0002	.0396	<.0000	.0187	<.0000	.0548	.0695
#2	.0002	.0212	<.0000	.0053	<.0000	.0235	.0190
#3	<.0000	.0249	<.0000	.0053	<.0000	<.0000	<.0000
#4	<.0000	.0212	<.0000	.0067	<.0000	.0548	.0190

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	<.0000	<.0000	<.0000
SDev	.0097	.0758	.0008	.0004
%RSD	7.164	178.3	23.11	202.9

#1	<.0000	.0214	<.0000	.0004
#2	<.0000	.0001	<.0000	<.0000
#3	<.0000	<.0000	<.0000	<.0000
#4	<.0000	<.0000	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 29519

Run Time: 01/04/02 13:56:21

Comment:

Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0036	.0137	<.0000	6.037
SDev	.0011	.0071	.0616	.0010	.0003	.0001	.009
%RSD	18.61	31.86	177.4	26.92	2.548	38.49	.1453

#1	<.0000	<.0000	<.0000	.0023	.0143	<.0000	6.032
#2	<.0000	<.0000	<.0000	.0034	.0136	<.0000	6.028
#3	<.0000	<.0000	.0527	.0040	.0136	<.0000	6.042
#4	<.0000	<.0000	<.0000	.0046	.0136	<.0000	6.047

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0011	<.0000	<.0000	.0059	.0287	<.0000	1.243
SDev	.0022	.0018	.0004	.0004	.0026	.1186	.011
%RSD	199.5	79.21	17.16	7.638	9.038	5.064	.9064

#1	.0012	<.0000	<.0000	.0055	.0314	<.0000	1.239
#2	<.0000	<.0000	<.0000	.0063	.0253	<.0000	1.259
#3	.0041	<.0000	<.0000	.0063	.0284	<.0000	1.233
#4	<.0000	<.0000	<.0000	.0055	.0299	<.0000	1.239

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0235	.0036	7.129	.0040	<.0000	<.0000	<.0000
SDev	.0004	.0063	.064	.0054	.0135	.0127	.0728
%RSD	1.771	174.2	.8991	133.7	33.47	160.2	373.9

#1	.0239	.0027	7.035	.0117	<.0000	<.0000	<.0000
#2	.0231	.0101	7.173	<.0000	<.0000	<.0000	.0688
#3	.0231	<.0000	7.166	.0010	<.0000	.0077	<.0000
#4	.0239	.0064	7.143	.0037	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7398	<.0000	<.0000	<.0000
SDev	.0205	.0268	.0003	.0004
%RSD	2.771	361.5	7.307	134.4

#1	.7677	<.0000	<.0000	<.0000
#2	.7423	<.0000	<.0000	.0003
#3	.7221	.0192	<.0000	<.0000
#4	.7271	<.0000	<.0000	<.0000

Analysis Report

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page 1

Method: IECW Sample Name: 29519lab dup

Operator: it

Run Time: 01/04/02 13:58:22

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
✓ Avge	<.0000	<.0000	.0155	.0053	.0136 ¹³⁷	<.0000	6.039 ⁶⁰³⁷
SDev	.0011	.0040	.0040	.0013	.0000	.0000	.022
%RSD	14.47	13.22	26.10	23.75	.0157	28.57	.3616
#1	<.0000	<.0000	.0102	.0046	.0136	<.0000	6.015
#2	<.0000	<.0000	.0186	.0068	.0136	<.0000	6.033
#3	<.0000	<.0000	.0144	.0040	.0136	<.0000	6.067
#4	<.0000	<.0000	.0186	.0057	.0136	<.0000	6.043
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0008	<.0000	<.0000	.0045 ⁵⁹	.0272 ²⁸⁷	<.0000	1.252 ¹²⁴³
SDev	.0009	.0016	.0020	.0007	.0019	.2405	.007
%RSD	107.8	50.85	59.94	16.48	7.016	9.341	.5355
#1	.0012	<.0000	<.0000	.0039	.0268	<.0000	1.256
#2	.0012	<.0000	<.0000	.0055	.0268	<.0000	1.246
#3	<.0000	<.0000	<.0000	.0039	.0299	<.0000	1.259
#4	.0012	<.0000	<.0000	.0047	.0253	<.0000	1.246
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0235 ²³⁵	.0027 ³⁶	7.150 ⁷¹²⁷	.0053 ⁴⁰	<.0000	.0077	<.0000
SDev	.0007	.0030	.025	.0071	.0043	.0255	.0630
%RSD	3.069	111.6	.3477	132.4	9.999	331.8	82.76
#1	.0231	.0064	7.181	<.0000	<.0000	.0389	<.0000
#2	.0246	.0027	7.129	.0077	<.0000	.0077	<.0000
#3	.0231	<.0000	7.131	<.0000	<.0000	.0077	<.0000
#4	.0231	.0027	7.160	.0143	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.7284	<.0000	<.0000	<.0000			
SDev	.0127	.0507	.0009	.0004			
%RSD	1.741	148.9	17.00	475.2			
#1	.7423	<.0000	<.0000	<.0000			
#2	.7322	<.0000	<.0000	.0003			
#3	.7271	<.0000	<.0000	<.0000			
#4	.7119	.0192	<.0000	.0003			

Analysis Report

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Method: IECW Sample Name: 29519spk

Operator: it

Run Time: 01/04/02 14:11:11

Comment:

Mode: CONC Corr. Factor: 1

Elem.	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	.0114	.2314	.2379	.2626	.2640	.0484	5.957
SDev	.0013	.0009	.00384	.0038	.0021	.0001	.012
%RSD	11.23	.3768	16.13	1.450	.7799	.2329	.1980
#1	.0102	.2325	.2325	.2650	.2647	.0484	5.962
#2	.0116	.2314	.2666	.2616	.2640	.0484	5.950
#3	.0107	.2303	.2667	.2577	.2661	.0486	5.971
#4	.0131	.2314	.1856	.2662	.2612	.0483	5.946
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.1002	.0992	.2450	.2532	.2863	<.0000	1.231
SDev	.0015	.0017	.0006	.0013	.0026	.2832	.014
%RSD	1.514	1.695	.2397	.5008	.9064	10.35	1.171
#1	.1022	.0989	.2442	.2532	.2867	<.0000	1.239
#2	.0994	.0997	.2452	.2516	.2897	<.0000	1.226
#3	.0988	.0970	.2452	.2547	.2837	<.0000	1.213
#4	.1005	.1010	.2456	.2532	.2852	<.0000	1.246
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.2750	.0965	7.062	.2610	.2065	.2568	.1937
SDev	.0009	.0037	.078	.0079	.0178	.0460	.0618
%RSD	.3299	3.819	1.099	3.015	8.600	17.91	31.89
#1	.2748	.0947	7.070	.2674	.1891	.1943	.2694
#2	.2762	.1020	7.020	.2660	.1935	.3036	.1181
#3	.2741	.0947	7.168	.2607	.2239	.2568	.1937
#4	.2748	.0947	6.991	.2500	.2196	.2724	.1937
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	1.034	.2528	.0952	.2518			
SDev	.013	.1140	.0012	.0023			
%RSD	1.235	45.10	1.287	.9251			
#1	1.016	.3380	.0939	.2498			
#2	1.037	.3593	.0966	.2542			
#3	1.037	.1890	.0945	.2498			
#4	1.047	.1250	.0959	.2535			

Analysis Report

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Method: IECW Sample Name: 29520

Operator: it

Run Time: 01/04/02 14:16:42

Comment:

Mode: CONC Corr. Factor: 1

%

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0013	.0134	<.0000	6.410
SDev	.0010	.0098	.0491	.0007	.0003	.0000	.016
%RSD	16.66	32.03	487.0	53.33	2.607	200.0	.2549

#1	<.0000	<.0000	.0102	.0012	.0128	.0000	6.389
#2	<.0000	<.0000	<.0000	.0012	.0135	.0000	6.405
#3	<.0000	<.0000	.0442	.0006	.0135	.0000	6.425
#4	<.0000	<.0000	<.0000	.0023	.0135	<.0000	6.420

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0019	<.0000	<.0000	.0010	.0234	<.0000	1.196
SDev	.0025	.0015	.0015	.0007	.0008	.2113	.011
%RSD	128.0	40.86	58.89	73.58	3.239	7.850	.9248

#1	.0001	<.0000	<.0000	.0008	.0238	<.0000	1.187
#2	.0041	<.0000	<.0000	.0016	.0223	<.0000	1.187
#3	<.0000	<.0000	<.0000	.0016	.0238	<.0000	1.210
#4	.0041	<.0000	<.0000	.0000	.0238	<.0000	1.200

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0147	<.0000	7.338	.0084	<.0000	<.0000	.0310
SDev	.0004	.0035	.027	.0069	.0090	.0150	.0932
%RSD	2.460	185.1	.3622	82.82	26.61	126.6	300.4

#1	.0145	<.0000	7.360	.0183	<.0000	<.0000	<.0000
#2	.0152	<.0000	7.342	.0064	<.0000	<.0000	.1697
#3	.0145	.0027	7.300	.0064	<.0000	<.0000	<.0000
#4	.0145	<.0000	7.352	.0024	<.0000	.0077	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7551	.0193	<.0000	<.0000
SDev	.0158	.0887	.0003	.0004
%RSD	2.088	459.8	5.990	133.3

#1	.7323	.0406	<.0000	<.0000
#2	.7627	<.0000	<.0000	<.0000
#3	.7576	<.0000	<.0000	.0003
#4	.7678	.1258	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 29521
 Run Time: 01/04/02 14:19:02
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0055	.0141	<.0000	6.157
SDev	.0019	.0107	.0610	.0010	.0003	.0000	.029
%RSD	24.59	33.20	543.9	17.44	2.472	28.57	.4635

#1	<.0000	<.0000	.0273	.0051	.0135	<.0000	6.128
#2	<.0000	<.0000	.0272	.0068	.0142	<.0000	6.143
#3	<.0000	<.0000	.0015	.0057	.0142	<.0000	6.163
#4	<.0000	<.0000	<.0000	.0045	.0142	<.0000	6.194

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0017	<.0000	<.0000	.0030	.0363	<.0000	1.349
SDev	.0010	.0009	.0014	.0004	.0008	.2371	.012
%RSD	59.24	36.32	38.62	13.12	2.101	8.991	.8880

#1	.0012	<.0000	<.0000	.0024	.0359	<.0000	1.350
#2	.0007	<.0000	<.0000	.0031	.0359	<.0000	1.350
#3	.0029	<.0000	<.0000	.0031	.0374	<.0000	1.334
#4	.0018	<.0000	<.0000	.0031	.0359	<.0000	1.363

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0271	.0064	7.101	.0166	<.0000	<.0000	<.0000
SDev	.0004	.0074	.038	.0057	.0208	.0369	.1097
%RSD	1.535	115.5	.5339	34.20	61.79	187.7	214.9

#1	.0267	.0027	7.106	.0143	<.0000	<.0000	<.0000
#2	.0267	.0027	7.046	.0183	<.0000	<.0000	<.0000
#3	.0275	.0027	7.131	.0236	<.0000	.0077	<.0000
#4	.0275	.0174	7.121	.0103	<.0000	.0076	.0939

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7396	.0350	<.0000	.0019
SDev	.0105	.0612	.0006	.0015
%RSD	1.425	174.7	13.02	78.57

#1	.7371	<.0000	<.0000	.0010
#2	.7422	.0190	<.0000	.0032
#3	.7270	.1255	<.0000	.0003
#4	.7523	<.0000	<.0000	.0032

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Method: IECW Sample Name: 29522

Operator: it

Run Time: 01/04/02 14:30:47

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0506	.0022	.0130	<.0000	5.923
SDev	.0020	.0057	.0254	.0012	.0003	.0001	.019
%RSD	36.02	19.99	50.18	53.23	2.669	38.49	.3228

#1	<.0000	<.0000	.0187	.0023	.0129	<.0000	5.903
#2	<.0000	<.0000	.0443	.0035	.0129	<.0000	5.937
#3	<.0000	<.0000	.0783	.0006	.0129	<.0000	5.910
#4	<.0000	<.0000	.0612	.0023	.0136	<.0000	5.941

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0015	<.0000	<.0000	<.0000	.0238	<.0000	1.245
SDev	.0015	.0010	.0017	.0010	.0000	.1758	.021
%RSD	100.1	42.18	55.79	30.04	.0322	6.620	1.656

#1	.0018	<.0000	<.0000	<.0000	.0238	<.0000	1.217
#2	.0035	<.0000	<.0000	<.0000	.0238	<.0000	1.265
#3	.0007	<.0000	<.0000	<.0000	.0238	<.0000	1.246
#4	.0001	<.0000	<.0000	<.0000	.0238	<.0000	1.252

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0206	.0018	7.010	.0107	<.0000	<.0000	<.0000
SDev	.0004	.0035	.057	.0053	.0190	.0413	.0559
%RSD	2.017	198.5	.8151	49.26	43.60	33690.	10630.

#1	.0203	<.0000	6.939	.0130	<.0000	.0233	.0689
#2	.0203	.0027	7.077	.0063	<.0000	.0389	<.0000
#3	.0210	<.0000	7.000	.0063	<.0000	<.0000	.0184
#4	.0210	.0064	7.022	.0170	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7588	<.0000	<.0000	<.0000
SDev	.0212	.0533	.0013	.0000
%RSD	2.800	185.6	28.20	.1960

#1	.7272	<.0000	<.0000	<.0000
#2	.7677	<.0000	<.0000	<.0000
#3	.7728	<.0000	<.0000	<.0000
#4	.7677	<.0000	<.0000	<.0000

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Method: IECW Sample Name: 29523

Operator: it

Run Time: 01/04/02 14:33:06

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0314	.0023	.0136	<.0000	5.882
SDev	.0007	.0059	.0217	.0021	.0000	.0001	.019
%RSD	10.14	20.82	68.93	91.06	.0154	38.49	.3214
#1	<.0000	<.0000	.0101	.0029	.0136	<.0000	5.859
#2	<.0000	<.0000	.0230	.0046	.0136	<.0000	5.877
#3	<.0000	<.0000	.0612	.0023	.0136	<.0000	5.890
#4	<.0000	<.0000	.0315	<.0000	.0136	<.0000	5.903
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0014	<.0000	<.0000	<.0000	.0246	<.0000	1.261
SDev	.0010	.0005	.0012	.0008	.0020	.2611	.011
%RSD	71.41	14.64	35.08	29.10	7.970	9.540	.8808
#1	.0001	<.0000	<.0000	<.0000	.0238	<.0000	1.259
#2	.0018	<.0000	<.0000	<.0000	.0223	<.0000	1.246
#3	.0024	<.0000	<.0000	<.0000	.0268	<.0000	1.265
#4	.0012	<.0000	<.0000	<.0000	.0253	<.0000	1.272
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0213	.0009	7.408	.0140	<.0000	<.0000	<.0000
SDev	.0004	.0048	.047	.0050	.0164	.0556	.0600
%RSD	1.952	557.7	.6406	35.89	43.15	236.0	85.88
#1	.0210	.0064	7.390	.0103	<.0000	<.0000	<.0000
#2	.0217	<.0000	7.437	.0103	<.0000	.0546	<.0000
#3	.0217	<.0000	7.350	.0210	<.0000	<.0000	<.0000
#4	.0210	.0027	7.456	.0143	<.0000	<.0000	<.0000
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avge	.7613	<.0000	<.0000	<.0000			
SDev	.0105	.0522	.0004	.0011			
%RSD	1.374	2489.	7.590	109.6			
#1	.7525	<.0000	<.0000	<.0000			
#2	.7677	.0618	<.0000	<.0000			
#3	.7525	<.0000	<.0000	<.0000			
#4	.7727	.0192	<.0000	<.0000			

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Method: IECW Sample Name: 29564

Operator: it

Run Time: 01/04/02 14:35:54

Comment:

Mode: CDNC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0171	.0139	.0280	<.0000	24.61
SDev	.0010	.0082	.0237	.0017	.0004	.0001	.09
%RSD	19.07	31.57	138.3	12.16	1.425	115.5	.3593

#1	<.0000	<.0000	.0183	.0121	.0277	<.0000	24.61
#2	<.0000	<.0000	.0395	.0143	.0284	.0000	24.56
#3	<.0000	<.0000	<.0000	.0132	.0284	.0000	24.73
#4	<.0000	<.0000	.0267	.0160	.0277	<.0000	24.53

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0013	<.0000	<.0000	<.0000	.0615	<.0000	8.254
SDev	.0024	.0013	.0024	.0004	.0008	.5053	.050
%RSD	182.9	46.74	783.5	11.61	1.227	41.72	.6105

#1	<.0000	<.0000	.0012	<.0000	.0626	<.0000	8.282
#2	.0038	<.0000	.0008	<.0000	.0611	<.0000	8.217
#3	.0020	<.0000	.0007	<.0000	.0611	<.0000	8.311
#4	.0015	<.0000	<.0000	<.0000	.0611	<.0000	8.207

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0425	<.0000	27.49	.0202	<.0000	.0144	<.0000
SDev	.0004	.0076	.23	.0061	.0226	.0299	.0525
%RSD	.9796	1451.	.8257	30.11	109.2	207.8	109.4

#1	.0421	.0059	27.60	.0126	<.0000	<.0000	.0151
#2	.0421	.0059	27.24	.0272	<.0000	<.0000	<.0000
#3	.0428	<.0000	27.74	.0219	<.0000	.0534	<.0000
#4	.0428	<.0000	27.37	.0193	.0065	.0222	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	1.328	.0985	<.0000	<.0000
SDev	.033	.0725	.0009	.0004
%RSD	2.474	73.65	21.56	59.02

#1	1.298	.0079	<.0000	<.0000
#2	1.349	.1571	<.0000	<.0000
#3	1.364	.0718	<.0000	<.0000
#4	1.303	.1571	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 29664
 Run Time: 01/04/02 14:38:26
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it



Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0030	.0134	<.0000	5.932
SDev	.0020	.0137	.0377	.0014	.0007	.0000	.030
%RSD	33.77	67.46	333.9	46.76	4.984	28.57	.5132

#1	<.0000	<.0000	<.0000	.0023	.0143	<.0000	5.973
#2	<.0000	<.0000	.0273	.0023	.0129	<.0000	5.914
#3	<.0000	<.0000	<.0000	.0023	.0129	<.0000	5.937
#4	<.0000	<.0000	.0142	.0051	.0136	<.0000	5.905

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0022	<.0000	<.0000	<.0000	.0272	<.0000	1.258
SDev	.0009	.0019	.0014	.0013	.0014	.6184	.017
%RSD	38.51	71.46	54.64	46.31	5.332	24.53	1.373

#1	.0030	<.0000	<.0000	<.0000	.0284	<.0000	1.272
#2	.0030	<.0000	<.0000	<.0000	.0253	<.0000	1.265
#3	.0018	<.0000	<.0000	<.0000	.0284	<.0000	1.262
#4	.0012	<.0000	<.0000	<.0000	.0269	<.0000	1.233

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0210	<.0000	7.503	.0143	<.0000	<.0000	.0373
SDev	.0006	.0046	.057	.0071	.0149	.0516	.0724
%RSD	2.801	123.3	.7626	49.74	56.93	1273.	194.4

#1	.0217	.0027	7.563	.0183	<.0000	<.0000	<.0000
#2	.0210	<.0000	7.540	.0183	<.0000	<.0000	<.0000
#3	.0210	<.0000	7.463	.0037	<.0000	.0233	.0184
#4	.0203	<.0000	7.446	.0170	<.0000	.0545	.1444

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7880	<.0000	<.0000	<.0000
SDev	.0404	.0704	.0017	.0013
%RSD	5.121	140.7	38.17	154.5

#1	.8438	<.0000	<.0000	<.0000
#2	.7778	<.0000	<.0000	<.0000
#3	.7829	<.0000	<.0000	<.0000
#4	.7474	<.0000	<.0000	.0003

Analysis Report

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page 1

Method: JFCW Sample Name: 29665

Operator: it

Run Time: 01/04/02 14:40:22

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	<.0000	<.0000	<.0000	.0029	.0136	<.0000	5.910
SDev	.0010	.0045	.0214	.0020	.0000	.0001	.024
%RSD	16.90	16.64	70.29	69.49	.0158	38.49	.4112

#1	<.0000	<.0000	<.0000	.0029	.0136	<.0000	5.906
#2	<.0000	<.0000	<.0000	.0040	.0136	<.0000	5.936
#3	<.0000	<.0000	<.0000	.0001	.0136	<.0000	5.921
#4	<.0000	<.0000	<.0000	.0046	.0136	<.0000	5.879

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.0001	<.0000	<.0000	<.0000	.0242	<.0000	1.240
SDev	.0007	.0007	.0011	.0006	.0026	.1226	.007
%RSD	805.7	24.20	48.89	16.54	10.73	4.140	.5404

#1	.0007	<.0000	<.0000	<.0000	.0268	<.0000	1.249
#2	.0007	<.0000	<.0000	<.0000	.0208	<.0000	1.239
#3	<.0000	<.0000	<.0000	<.0000	.0238	<.0000	1.233
#4	<.0000	<.0000	<.0000	<.0000	.0253	<.0000	1.239

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.0212	.0027	6.988	.0170	<.0000	.0194	<.0000
SDev	.0004	.0052	.028	.0056	.0281	.0150	.0861
%RSD	1.704	193.3	.4023	33.23	107.6	77.16	443.0

#1	.0210	<.0000	7.000	.0210	<.0000	.0077	.0184
#2	.0210	.0101	7.010	.0103	.0065	.0233	<.0000
#3	.0210	.0027	6.993	.0223	<.0000	.0389	<.0000
#4	.0217	<.0000	6.947	.0143	<.0000	.0077	.0688

Elem	Si2881	Tl1908	V_2924	Zn2138
Avg	.7462	.0671	<.0000	<.0000
SDev	.0253	.0682	.0010	.0000
%RSD	3.394	101.5	19.12	.1007

#1	.7626	.0405	<.0000	<.0000
#2	.7677	.0405	<.0000	<.0000
#3	.7424	.0192	<.0000	<.0000
#4	.7119	.1683	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: 29667

Operator: it

Run Time: 01/04/02 14:42:38

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0003	.0035	.0142	<.0000	6.703
SDev	.0008	.0079	.0360	.0013	.0000	.0000	.020
%RSD	17.57	31.59	12240.	35.47	.0144	40.00	.3011

#1	<.0000	<.0000	<.0000	.0023	.0142	<.0000	6.683
#2	<.0000	<.0000	<.0000	.0028	.0142	<.0000	6.696
#3	<.0000	<.0000	.0311	.0051	.0142	<.0000	6.731
#4	<.0000	<.0000	.0313	.0039	.0142	<.0000	6.704

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0014	<.0000	<.0000	.0076	.0339	<.0000	1.524
SDev	.0003	.0005	.0010	.0004	.0014	.1386	.011
%RSD	21.07	16.59	32.26	5.103	4.284	5.618	.7288

#1	.0012	<.0000	<.0000	.0070	.0328	<.0000	1.512
#2	.0018	<.0000	<.0000	.0078	.0343	<.0000	1.538
#3	.0012	<.0000	<.0000	.0078	.0358	<.0000	1.519
#4	.0012	<.0000	<.0000	.0078	.0328	<.0000	1.525

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0267	<.0000	7.806	.0159	<.0000	<.0000	<.0000
SDev	.0006	.0018	.058	.0076	.0065	.0221	.0504
%RSD	2.202	2097.	.7446	47.46	24.00	93.58	721.5

#1	.0267	<.0000	7.772	.0076	<.0000	<.0000	<.0000
#2	.0274	<.0000	7.742	.0209	<.0000	<.0000	<.0000
#3	.0267	<.0000	7.861	.0236	<.0000	<.0000	.0686
#4	.0260	.0027	7.849	.0116	<.0000	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.8040	.0560	<.0000	.0023
SDev	.0213	.0765	.0004	.0004
%RSD	2.645	136.6	8.739	16.07

#1	.7723	.0188	<.0000	.0024
#2	.8128	.0400	<.0000	.0024
#3	.8180	.1678	<.0000	.0024
#4	.8129	<.0000	<.0000	.0017

Analysis Report

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Method: IECW Sample Name: 29666

Operator: it

Run Time: 01/04/02 14:46:01

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	.0047	.0035	.0137	<.0000	5.934
SDev	.0011	.0063	.0338	.0024	.0003	.0000	.013
%RSD	21.74	35.03	725.0	69.36	2.536	.0000	.2179

#1	<.0000	<.0000	<.0000	.0040	.0136	<.0000	5.922
#2	<.0000	<.0000	<.0000	.0001	.0136	<.0000	5.927
#3	<.0000	<.0000	.0441	.0040	.0136	<.0000	5.935
#4	<.0000	<.0000	.0142	.0057	.0143	<.0000	5.951

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0022	<.0000	<.0000	.0045	.0242	<.0000	1.247
SDev	.0014	.0013	.0012	.0007	.0019	.2371	.015
%RSD	60.67	38.14	68.32	16.46	7.923	8.870	1.212

#1	.0041	<.0000	<.0000	.0047	.0223	<.0000	1.262
#2	.0024	<.0000	<.0000	.0039	.0238	<.0000	1.252
#3	.0012	<.0000	<.0000	.0039	.0269	<.0000	1.226
#4	.0012	<.0000	<.0000	.0055	.0238	<.0000	1.246

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	.0206	.0027	6.790	.0143	<.0000	.0038	<.0000
SDev	.0004	.0030	.030	.0046	.0247	.0150	.0325
%RSD	2.019	111.9	.4386	32.16	94.78	398.7	167.1

#1	.0203	.0027	6.758	.0183	<.0000	<.0000	.0183
#2	.0210	.0064	6.797	.0183	<.0000	<.0000	<.0000
#3	.0203	.0027	6.828	.0103	<.0000	.0233	<.0000
#4	.0210	<.0000	6.776	.0103	.0022	.0077	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	.7614	.0565	<.0000	.0001
SDev	.0276	.0804	.0008	.0007
%RSD	3.626	142.3	19.85	740.0

#1	.7220	.1683	<.0000	.0010
#2	.7829	<.0000	<.0000	<.0000
#3	.7627	.0618	<.0000	.0003
#4	.7779	<.0000	<.0000	<.0000

Analysis Report

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Method: IECW Sample Name: ipc

Operator: it

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

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avg	.4771	1.001	.0303	.9721	.9862	.9682	.9847
SD	.0018	.013	.0602	.0079	.0034	.0038	.0037
%RSD	.3830	1.295	198.4	.8109	.3475	.3931	.3716
#1	.4794	.9982	<.0000	.9732	.9904	.9716	.9843
#2	.4751	.9843	.0135	.9865	.9862	.9649	.9798
#3	.4765	1.005	.0900	.9659	.9820	.9650	.9869
#4	.4775	1.015	.0643	.9828	.9862	.9714	.9880
Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avg	.9829	.9784	.9625	.9548	.9965	<.0000	.9383
SD	.0068	.0042	.0050	.0034	.0044	.4673	.0128
%RSD	.6915	.4317	.5160	.3606	.4376	16.86	1.368
#1	.9793	.9747	.9604	.9568	.9969	<.0000	.9342
#2	.9793	.9752	.9572	.9506	.9908	<.0000	.9277
#3	.9799	.9805	.9637	.9537	.9969	<.0000	.9342
#4	.9931	.9834	.9688	.9583	1.001	<.0000	.9570
Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avg	.9769	.9575	.9833	1.013	.9349	.9260	.0517
SD	.0060	.0289	.0150	.007	.0193	.0460	.0757
%RSD	.6156	3.020	1.525	.6953	2.063	4.966	146.5
#1	.9757	.9418	.9646	1.020	.9415	.9729	<.0000
#2	.9728	.9455	.9781	1.004	.9067	.9261	.1148
#3	.9735	.9418	.9973	1.012	.9415	.8635	.1147
#4	.9858	1.001	.9934	1.017	.9502	.9416	.0138
Elem	Si2881	Tl1908	V_2924	Zn2138			
Avg	.9015	1.029	.9816	.9750			
SD	.0140	.073	.0025	.0045			
%RSD	1.550	7.069	.2527	.4661			
#1	.9104	1.018	.9833	.9739			
#2	.8850	1.061	.9786	.9761			
#3	.9154	.9331	.9806	.9695			
#4	.8951	1.103	.9839	.9804			

Analysis Report

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Method: IECW Sample Name: cb
 Run Time: 01/04/02 15:15:08
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: it

Elem	Ag3280	Al3082	As1936	B_2496	Ba4934	Be3130	Ca3179
Avge	<.0000	<.0000	<.0000	.0004	<.0000	.0000	<.0000
SDev	.0011	.0047	.0364	.0008	.0000	.0000	.0032
%RSD	32.83	23.45	149.9	189.1	.1077	.0000	53.01

#1	<.0000	<.0000	<.0000	.0004	<.0000	.0000	<.0000
#2	<.0000	<.0000	<.0000	<.0000	<.0000	.0000	<.0000
#3	<.0000	<.0000	.0109	<.0000	<.0000	.0000	<.0000
#4	<.0000	<.0000	<.0000	.0016	<.0000	.0000	<.0000

Elem	Cd2288	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790
Avge	.0013	<.0000	<.0000	<.0000	.0034	<.0000	<.0000
SDev	.0010	.0010	.0015	.0007	.0033	.2203	.0082
%RSD	81.09	339.9	216.7	38.30	95.80	8.129	35.96

#1	.0019	.0000	<.0000	<.0000	.0050	<.0000	<.0000
#2	.0001	.0009	<.0000	<.0000	.0034	<.0000	<.0000
#3	.0024	<.0000	.0015	<.0000	.0065	<.0000	<.0000
#4	.0007	<.0000	<.0000	<.0000	<.0000	<.0000	<.0000

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Sb2068	Se1960
Avge	<.0000	.0101	.0120	.0196	<.0000	<.0000	.0127
SDev	.0004	.0052	.0140	.0054	.0172	.0078	.0724
%RSD	100.3	51.37	116.3	27.31	121.5	202.8	571.2

#1	<.0000	.0065	.0106	.0133	<.0000	<.0000	<.0000
#2	<.0000	.0175	.0183	.0226	<.0000	<.0000	.0694
#3	.0002	.0101	.0259	.0173	<.0000	.0079	.0694
#4	<.0000	.0065	<.0000	.0253	.0109	<.0000	<.0000

Elem	Si2881	Tl1908	V_2924	Zn2138
Avge	<.0000	.0639	<.0000	<.0000
SDev	.0105	.0869	.0003	.0012
%RSD	8.773	136.0	9.521	136.9

#1	<.0000	.0427	<.0000	<.0000
#2	<.0000	.1917	<.0000	.0004
#3	<.0000	.0000	<.0000	<.0000
#4	<.0000	.0214	<.0000	<.0000