NYC samples

4/10/02

Blk
2STD
IPC+CB/LRB
LFB+LRB
5517 4ab Dup+Spk
5518 ✓
5696 ✓
5697 ✓
5698 ✓
5700 ✓
✓ 5701 ✓
5702 5743 ✓
5744 ✓
5745 ✓
IPC+CB
5746 & 5746 Dup+Spk
5747 ✓
5748 ✓
5749 ✓
5845 ✓
5846 ✓
5847 ✓
5848 ✓
5849 ✓

IPC+CB

Blk
5STD
ICV+ICB
Sol Blk
LCSS F=200.9
7682 F=219
7683 F=244.3
7683
7683 Spk
7867 F=237.3
Dup 7867 F=849.9
7818 F=682
CCV+CCB
wipe Blk
wipe Spk 3 $\frac{964 \times 50}{1020}$ = 194.1
Dup $\frac{4.318 \times 50}{1122}$ = 192.38

Reviewed by, CJS 7/8/02

8618 0587 KD = 2.9
wipe Blk 98.0
Spk $\frac{3.940 \times 50}{1023}$ = 187.68
Dup $\frac{3.769 \times 50}{1016}$ = 185.3.8
8640 $\frac{3.23 \times 50}{5208}$ = 310.1

4/10/
86
86
86
86
869
CC

Method: NYCW Standard: STD3
Run Time: 04/10/02 09:02:03

Elem	Al3082	Fe2599	Mo2020
Avge	29.16	24.33	47.88
SDev	.04	.05	.06
%RSD	.1360	.1980	.1274
#1	29.21	24.39	47.95
#2	29.12	24.29	47.91
#3	29.16	24.35	47.86
#4	29.14	24.29	47.81

Method: NYCW Standard: STD2
Run Time: 04/10/02 09:08:11

Elem	Ca3179	Co2286	Mg2790
Avge	132.5	329.4	12.49
SDev	.3	.7	.03
%RSD	.1982	.2105	.2407
#1	132.7	329.9	12.53
#2	132.7	330.0	12.50
#3	132.4	328.5	12.46
#4	132.1	329.1	12.48

Method: NYCW Sample Name: ipc Operator: it
Run Time: 04/10/02 09:13:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	1.032	1.019	1.002	1.019	1.003	1.017
SDev	.011	.004	.001	.006	.019	.008
%RSD	1.042	.3561	.0921	.5547	1.850	.7656
#1	1.034	1.020	1.002	1.011	.9933	1.011
#2	1.020	1.013	1.001	1.023	.9834	1.012
#3	1.028	1.021	1.003	1.020	1.011	1.028
#4	1.045	1.020	1.002	1.024	1.025	1.017

Method: NYCW Sample Name: cb LRB Operator: it
Run Time: 04/10/02 09:15:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0134	<.0000	.0014	<.0000	.0084	.0210
SDev	.0073	.0007	.0006	.0000	.0074	.0053
%RSD	54.17	80.47	46.18	.1943	88.05	25.26
#1	.0048	<.0000	.0012	<.0000	.0104	.0277
#2	.0224	<.0000	.0021	<.0000	.0164	.0216
#3	.0145	<.0000	.0017	<.0000	.0084	.0199
#4	.0119	<.0000	.0006	<.0000	<.0000	.0148

<50 <50

Method: NYCW Sample Name: lfb Operator: it
Run Time: 04/10/02 09:17:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.2591	.0150	.1021	.2530	<.0000	.1134
SDev	.0057	.0024	.0009	.0012	.0073	.0032
%RSD	2.189	15.81	.8571	.4880	1251.	2.805
#1	.2578	.0149	.1012	.2544	<.0000	.1107
#2	.2560	.0182	.1024	.2520	.0004	.1176
#3	.2675	.0125	.1016	.2520	.0084	.1111
#4	.2552	.0144	.1032	.2536	<.0000	.1141

104 102 101 113%

Method: NYCW Sample Name: 5517 Operator: it
Run Time: 04/10/02 09:35:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0227	7.981	.0014	.0425	1.925	.0043
SDev	.0086	.043	.0010	.0010	.016	.0005
%RSD	38.16	.5409	74.27	2.452	.8485	12.70
#1	.0231	7.957	.0006	.0427	1.928	.0044
#2	.0214	7.933	.0012	.0435	1.905	.0035
#3	.0337	8.020	.0028	.0411	1.944	.0044
#4	.0126	8.016	.0008	.0427	1.924	.0048

Analysis Report 04/10/02 09:39:16 AM

Method: NYCW Sample Name: 5517lab dup Operator: it
Run Time: 04/10/02 09:37:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0167	7.998	.0006	.0456	1.935	.0058
SDev	.0080	.011	.0010	.0014	.014	.0015
%RSD	47.79	.1437	175.9	3.119	.7374	26.69
#1	.0258	7.992	<.0000	.0460	1.928	.0078
#2	.0187	8.001	.0009	.0468	1.956	.0061
#3	.0161	7.987	.0014	.0460	1.926	.0048
#4	.0064	8.013	.0008	.0435	1.928	.0044

L50 L20 3.1/44.0 7% L50

Method: NYCW Sample Name: 5517spk Operator: it
Run Time: 04/10/02 09:46:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.2768	7.946	.0989	.2889	1.918	.1018
SDev	.0101	.019	.0012	.0011	.010	.0018
%RSD	3.660	.2369	1.223	.3673	.5347	1.766
#1	.2656	7.922	.0976	.2877	1.914	.0994
#2	.2796	7.967	.0984	.2893	1.922	.1015
#3	.2726	7.950	.0990	.2902	1.906	.1024
#4	.2893	7.944	.1005	.2885	1.930	.1037

102% 97% 99% 97.5

Method: NYCW Sample Name: 5518 Operator: it
Run Time: 04/10/02 09:50:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0217	6.927	.0011	.0361	1.512	.0048
SDev	.0098	.017	.0020	.0034	.017	.0011
%RSD	45.05	.2419	182.4	9.341	1.096	23.09
#1	.0277	6.950	.0007	.0355	1.521	.0052
#2	.0233	6.928	.0034	.0405	1.529	.0044
#3	.0285	6.922	.0016	.0364	1.507	.0035
#4	.0075	6.910	<.0000	.0322	1.491	.0061

Method: NYCW Sample Name: 5696 Operator: it
Run Time: 04/10/02 09:53:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0033	25.14	<.0000	.0559	8.439	.0072
SDev	.0065	.02	.0010	.0035	.017	.0006
%RSD	195.5	.0980	1584.	6.290	.2056	7.688
#1	<.0000	25.16	<.0000	.0533	8.452	.0065
#2	.0093	25.16	.0000	.0565	8.430	.0074
#3	.0031	25.12	.0012	.0533	8.454	.0070
#4	.0066	25.12	<.0000	.0607	8.418	.0078

Method: NYCW Sample Name: 5697 Operator: it
Run Time: 04/10/02 09:55:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0097	6.647	<.0000	.0317	1.502	.0058
SDev	.0082	.034	.0002	.0026	.023	.0014
%RSD	84.63	.5090	45.31	8.051	1.502	23.73
#1	.0049	6.603	<.0000	.0315	1.480	.0048
#2	.0207	6.673	<.0000	.0282	1.519	.0052
#3	.0110	6.638	<.0000	.0339	1.486	.0053
#4	.0022	6.674	<.0000	.0331	1.523	.0078

Method: NYCW Sample Name: 5698 Operator: it
Run Time: 04/10/02 09:58:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0226	6.683	.0006	.0296	1.504	.0062
SDev	.0074	.030	.0006	.0004	.003	.0023
%RSD	32.53	.4417	94.48	1.396	.2256	36.67
#1	.0215	6.684	.0014	.0298	1.507	.0070
#2	.0268	6.719	.0001	.0290	1.503	.0091
#3	.0295	6.646	.0005	.0298	1.505	.0044
#4	.0128	6.682	.0003	.0298	1.499	.0044

Method: NYCW Sample Name: 5700 Operator: it
Run Time: 04/10/02 10:01:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0057	6.698	<.0000	.0261	1.507	.0058
SDev	.0101	.018	.0002	.0019	.011	.0005
%RSD	177.2	.2745	33.89	7.482	.7408	9.326
#1	.0040	6.690	<.0000	.0249	1.497	.0057
#2	.0180	6.676	<.0000	.0240	1.497	.0053
#3	.0075	6.711	<.0000	.0273	1.519	.0065
#4	<.0000	6.715	<.0000	.0282	1.513	.0057

Analysis Report 04/10/02 10:05:01 AM

Method: NYCW Sample Name: 5701 Operator: it
Run Time: 04/10/02 10:03:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0191	6.664	.0009	.0302	1.507	.0041
SDev	.0084	.014	.0013	.0008	.013	.0015
%RSD	43.96	.2165	138.5	2.718	.8541	37.75
#1	.0268	6.646	.0021	.0298	1.519	.0061
#2	.0075	6.668	<.0000	.0298	1.489	.0027
#3	.0189	6.681	.0019	.0314	1.507	.0031
#4	.0233	6.661	.0006	.0298	1.513	.0044

Analysis Report 04/10/02 10:09:40 AM

Method: NYCW Sample Name: 5702 Operator: it
Run Time: 04/10/02 10:07:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0114	25.28	.0009	.0752	8.498	.0054
SDev	.0088	.12	.0011	.0004	.039	.0018
%RSD	76.70	.4792	121.8	.5412	.4551	33.13
#1	<.0000	25.19	.0002	.0754	8.464	.0052
#2	.0119	25.22	.0002	.0754	8.490	.0061
#3	.0207	25.24	.0026	.0746	8.484	.0074
#4	.0136	25.45	.0008	.0754	8.553	.0031

Method: NYCW Sample Name: 5743 Operator: it
Run Time: 04/10/02 10:10:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0314	6.760	.0018	.0370	1.541	.0066
SDev	.0093	.028	.0009	.0008	.015	.0011
%RSD	29.65	.4121	48.73	2.121	.9555	16.22
#1	.0453	6.740	.0007	.0364	1.519	.0052
#2	.0259	6.747	.0020	.0364	1.545	.0078
#3	.0286	6.753	.0017	.0380	1.545	.0070
#4	.0259	6.801	.0028	.0372	1.553	.0065

Method: NYCW Sample Name: 5744 Operator: it
Run Time: 04/10/02 10:15:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0325	6.740	.0006	.0390	1.530	.0062
SDev	.0079	.020	.0013	.0018	.014	.0024
%RSD	24.42	.3015	235.5	4.680	.8836	39.27
#1	.0268	6.770	.0014	.0372	1.549	.0035
#2	.0417	6.737	<.0000	.0413	1.525	.0048
#3	.0365	6.731	.0011	.0380	1.529	.0087
#4	.0251	6.723	.0012	.0397	1.517	.0078

Method: NYCW Sample Name: 5745 Operator: it
Run Time: 04/10/02 10:19:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0250	6.817	.0002	.0462	1.526	.0069
SDev	.0099	.014	.0010	.0013	.006	.0014
%RSD	39.71	.2075	410.9	2.903	.3889	20.67
#1	.0180	6.816	.0006	.0462	1.523	.0078
#2	.0391	6.831	<.0000	.0479	1.527	.0078
#3	.0250	6.823	<.0000	.0462	1.519	.0048
#4	.0180	6.798	.0014	.0446	1.533	.0070

Method: NYCW Sample Name: ipc Operator: it
Run Time: 04/10/02 10:22:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	1.055	1.040	1.031	1.045	1.028	1.044
SDev	.003	.003	.003	.004	.009	.004
%RSD	.2914	.2742	.2782	.3422	.8556	.4084
#1	1.056	1.040	1.033	1.048	1.019	1.046
#2	1.053	1.040	1.027	1.040	1.021	1.044
#3	1.059	1.043	1.034	1.047	1.033	1.049
#4	1.052	1.036	1.030	1.044	1.037	1.039

Analysis Report 04/10/02 10:26:44 AM

Method: NYCW Sample Name: cb Operator: it
Run Time: 04/10/02 10:25:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0132	<.0000	.0024	.0004	0055	.0243
SDev	.0070	.0009	.0007	.0019	.0047	.0035
%RSD	52.91	750.5	30.20	464.1	86.58	14.26
#1	.0145	.0002	.0033	<.0000	.0084	.0268
#2	.0224	.0008	.0024	.0021	.0084	.0277
#3	.0066	<.0000	.0023	.0021	.0065	.0204
#4	.0092	<.0000	.0015	<.0000	<.0000	.0225

LSD LSD

Method: NYCW Sample Name: 5746 Operator: it
Run Time: 04/10/02 10:27:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0306	7.721	.0018	.0518	1.876	.0115
SDev	.0090	.021	.0006	.0029	.015	.0030
%RSD	29.50	.2719	33.50	5.658	.8180	25.76
#1	.0425	7.718	.0026	.0518	1.887	.0142
#2	.0302	7.746	.0021	.0493	1.891	.0129
#3	.0205	7.724	.0015	.0502	1.867	.0074
#4	.0293	7.695	.0012	.0559	1.859	.0117

Method: NYCW Sample Name: 5746lab dup Operator: it
Run Time: 04/10/02 10:29:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0267	7.701	.0014	.0512	1.869	.0071
SDev	.0066	.055	.0013	.0014	.018	.0017
%RSD	24.80	.7105	95.99	2.746	.9790	24.19
#1	.0188	7.668	<.0000	.0518	1.847	.0048
#2	.0284	7.645	.0020	.0510	1.865	.0069
#3	.0249	7.765	.0011	.0493	1.875	.0087
#4	.0346	7.727	.0027	.0526	1.891	.0082

L50 L20 0%RPD L50

Method: NYCW Sample Name: 5746spk Operator: it
Run Time: 04/10/02 10:40:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.2386	7.415	.0978	.3024	1.761	.1034
SDev	.0088	.052	.0011	.0024	.006	.0035
%RSD	3.702	.7081	1.115	.8104	.3366	3.406
#1	.2340	7.372	.0968	.2993	1.759	.1020
#2	.2287	7.491	.0980	.3050	1.767	.1003
#3	.2436	7.403	.0992	.3018	1.763	.1029
#4	.2480	7.393	.0971	.3034	1.754	.1084

93% Fail 96% 100% 92%

Analysis Report 04/10/02 10:47:24 AM

Method: NYCW Sample Name: 5747 Operator: it
Run Time: 04/10/02 10:45:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0306	9.719	.0003	.0637	2.617	.0051
SDev	.0033	.025	.0011	.0029	.006	.0022
%RSD	10.85	.2615	406.3	4.588	.2348	43.98
#1	.0273	9.689	.0004	.0621	2.611	.0077
#2	.0299	9.715	.0009	.0662	2.613	.0035
#3	.0299	9.721	<.0000	.0604	2.617	.0030
#4	.0352	9.751	.0012	.0662	2.625	.0060

Method: NYCW Sample Name: 5748 Operator: it
Run Time: 04/10/02 10:48:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0336	7.112	.0007	.0439	1.680	.0071
SDev	.0154	.043	.0010	.0017	.011	.0017
%RSD	45.88	.6014	134.6	3.869	.6715	24.46
#1	.0162	7.127	.0016	.0437	1.686	.0057
#2	.0470	7.145	.0014	.0420	1.692	.0061
#3	.0250	7.126	.0004	.0462	1.668	.0069
#4	.0461	7.049	<.0000	.0437	1.672	.0095

Method: NYCW Sample Name: 5749 Operator: it
Run Time: 04/10/02 10:51:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0158	6.937	.0012	.0423	1.485	.0038
SDev	.0076	.026	.0009	.0024	.014	.0028
%RSD	48.15	.3774	77.34	5.582	.9329	73.72
#1	.0171	6.907	.0023	.0388	1.497	.0031
#2	.0066	6.923	.0013	.0438	1.466	.0023
#3	.0145	6.954	.0000	.0429	1.487	.0018
#4	.0250	6.963	.0013	.0438	1.491	.0078

Method: NYCW Sample Name: 5845 Operator: it
Run Time: 04/10/02 10:55:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0176	6.563	<.0000	.0360	1.480	.0047
SDev	.0081	.044	.0016	.0017	.003	.0011
%RSD	46.22	.6663	500.7	4.749	.1901	22.66
#1	.0207	6.603	<.0000	.0380	1.476	.0044
#2	.0110	6.598	<.0000	.0364	1.482	.0035
#3	.0110	6.534	<.0000	.0339	1.480	.0048
#4	.0277	6.518	.0021	.0356	1.482	.0061

Method: NYCW Sample Name: 5846 Operator: it
Run Time: 04/10/02 10:58:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0191	6.574	.0011	.0315	1.487	.0048
SDev	.0048	.013	.0009	.0009	.011	.0003
%RSD	25.25	.2001	79.96	3.021	.7359	7.252
#1	.0233	6.581	.0009	.0323	1.497	.0052
#2	.0233	6.575	.0017	.0306	1.482	.0044
#3	.0154	6.585	.0020	.0306	1.493	.0048
#4	.0145	6.555	<.0000	.0323	1.474	.0048

Method: NYCW Sample Name: 5847 Operator: it
Run Time: 04/10/02 11:01:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0117	6.687	<.0000	.0384	1.491	.0048
SDev	.0128	.030	.0016	.0017	.017	.0012
%RSD	109.8	.4485	693.3	4.456	1.117	25.01
#1	.0013	6.692	<.0000	.0380	1.486	.0048
#2	.0277	6.673	.0008	.0364	1.513	.0057
#3	.0013	6.656	.0001	.0389	1.474	.0031
#4	.0163	6.726	.0007	.0405	1.491	.0057

Method: NYCW Sample Name: 5848 Operator: it
Run Time: 04/10/02 11:03:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0091	8.868	<.0000	.0454	2.294	.0034
SDev	.0066	.026	.0008	.0024	.013	.0021
%RSD	72.04	.2963	415.5	5.226	.5846	62.46
#1	.0107	8.864	<.0000	.0475	2.298	.0013
#2	.0177	8.869	.0006	.0433	2.312	.0052
#3	.0028	8.902	.0003	.0475	2.286	.0052
#4	.0054	8.837	<.0000	.0434	2.282	.0018

Method: NYCW Sample Name: 5849 Operator: it
Run Time: 04/10/02 11:05:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	.0116	13.32	<.0000	.0468	3.967	.0060
SDev	.0050	.06	.0003	.0025	.022	.0014
%RSD	43.06	.4151	676.2	5.249	.5669	24.30
#1	.0100	13.38	.0003	.0474	4.000	.0042
#2	.0101	13.27	<.0000	.0458	3.948	.0064
#3	.0189	13.28	.0000	.0499	3.958	.0055
#4	.0074	13.36	<.0000	.0441	3.964	.0077

Method: NYCW Sample Name: ipc Operator: it
Run Time: 04/10/02 11:08:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	1.024	1.035	1.011	1.025	.9988	1.009
SDev	.008	.006	.004	.007	.0107	.014
%RSD	.7767	.5646	.4385	.6843	1.069	1.372
#1	1.016	1.040	1.012	1.028	1.005	.9924
#2	1.027	1.034	1.010	1.024	.9953	1.005
#3	1.021	1.027	1.006	1.016	.9854	1.013
#4	1.034	1.038	1.017	1.033	1.009	1.025

Method: NYCW Sample Name: cb Operator: it
Run Time: 04/10/02 11:09:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Ca3179	Co2286	Fe2599	Mg2790	Mo2020
Avge	<.0000	<.0000	.0013	.0021	<.0000	.0216
SDev	.0107	.0017	.0020	.0018	.0088	.0029
%RSD	812.5	91.50	153.1	86.44	354.8	13.33
#1	.0119	<.0000	.0039	.0029	.0045	.0242
#2	<.0000	<.0000	.0007	.0037	<.0000	.0238
#3	.0022	<.0000	.0016	<.0000	.0005	.0187
#4	<.0000	<.0000	<.0000	.0021	.0005	.0195

<20 <20 <50