Method 200.8 - Summary Report

Sample ID: Blank

Sample Date/Time: Thursday, January 03, 2002 15:32:48
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: d:\elandata\Method\NEWQ200.8.mth
Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\Blank.1635
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):

Second Calibration Curve.

PD

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
⌈	Be	9	15.667	9.750				ug/L
|>	Sc-1	45	585999.826	2.969				ug/L
|	Cr	52	9373.596	4.301				ug/L
|	Cr	53	703.368	4.082				ug/L
|	Mn	55	580.358	4.887				ug/L
|	Ni	60	338.682	116.062				ug/L
|	Cu	63	4180.003	2.125				ug/L
⌊	Cu	65	2076.259	6.911				ug/L
⌈	Zn	66	502.019	7.718				ug/L
|	Zn	67	133.336	1.561				ug/L
|	Zn	68	392.012	4.683				ug/L
|>	Ge	72	118779.505	1.060				ug/L
|	As	75	374.584	3.721				ug/L
|	Se	77	146.003	11.863				ug/L
⌊	Se	82	284.007	2.465				ug/L
⌈	Ag	107	311.342	5.000				ug/L
|>	In	115	1483743.783	1.889				ug/L
|	Sb	121	61.667	23.067				ug/L
⌊	Sb	123	49.929	8.905				ug/L
⌈	Ba	135	216.005	8.833				ug/L
|	Ba	137	348.677	3.324				ug/L
|>	Ho	165	1962414.174	1.014				ug/L
|	Tl	205	99.668	10.100				ug/L
⌊	Pb	208	5170.958	3.038				ug/L

Reviewed by, JB 3/20/02

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
⌈	Be	9					
|>	Sc-1	45					
|	Cr	52					
|	Cr	53					
|	Mn	55					
|	Ni	60					

	Cu	63
	Cu	65
	Zn	66
	Zn	67
	Zn	68
>	Ge	72
	As	75
	Se	77
	Se	82
	Ag	107
>	In	115
	Sb	121
	Sb	123
	Ba	135
	Ba	137
>	Ho	165
	Tl	205
	Pb	208

Calibration

	Analyte	Mass	Curve Type	Correlation Coefficient
	Be	9	Linear Thru Zero	0.999890
>	Sc-1	45	Linear Thru Zero	
	Cr	52	Linear Thru Zero	0.999959
	Cr	53	Linear Thru Zero	0.999931
	Mn	55	Linear Thru Zero	0.999691
	Ni	60	Linear Thru Zero	0.999061
	Cu	63	Linear Thru Zero	0.998559
	Cu	65	Linear Thru Zero	0.998622
	Zn	66	Linear Thru Zero	0.999646
	Zn	67	Linear Thru Zero	0.999880
	Zn	68	Linear Thru Zero	0.999979
>	Ge	72	Linear Thru Zero	
	As	75	Linear Thru Zero	0.999958
	Se	77	Linear Thru Zero	0.999996
	Se	82	Linear Thru Zero	0.999843
	Ag	107	Linear Thru Zero	0.999993
>	In	115	Linear Thru Zero	
	Sb	121	Linear Thru Zero	0.999997
	Sb	123	Linear Thru Zero	0.999998
	Ba	135	Linear Thru Zero	0.999976
	Ba	137	Linear Thru Zero	0.999999
>	Ho	165	Linear Thru Zero	
	Tl	205	Linear Thru Zero	0.999882
	Pb	208	Linear Thru Zero	0.999965

Method 200.8 - Summary Report

Sample ID: Standard 1

Sample Date/Time: Thursday, January 03, 2002 15:35:57
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: d:\elandata\Method\NEWQ200.8.mth
Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\Standard 1.1636
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	12459.992	1.634	0.020	30.33234	3.12	ug/L
>	Sc-1	45	622402.287	2.791	622402.287			ug/L
	Cr	52	357567.734	2.818	0.559	30.30235	2.59	ug/L
	Cr	53	41378.418	2.818	0.065	30.51443	4.71	ug/L
	Mn	55	520484.011	2.012	0.835	29.73454	0.80	ug/L
	Ni	60	88052.136	2.825	0.141	31.14676	5.55	ug/L
	Cu	63	205165.327	1.552	0.323	30.85581	2.47	ug/L
	Cu	65	103087.000	1.785	0.162	30.82777	3.49	ug/L
	Zn	66	64776.300	1.376	0.531	30.01395	1.20	ug/L
	Zn	67	11754.047	2.214	0.096	29.59606	2.26	ug/L
	Zn	68	48737.131	1.487	0.399	30.04706	2.94	ug/L
>	Ge	72	121142.579	2.091	121142.579			ug/L
	As	75	71247.893	0.948	0.585	30.31364	2.17	ug/L
	Se	77	6249.210	2.077	0.050	29.75804	3.62	ug/L
	Se	82	8225.469	1.809	0.066	30.16022	3.52	ug/L
	Ag	107	364787.716	2.365	0.244	29.66206	3.42	ug/L
>	In	115	1494542.956	1.702	1494542.956			ug/L
	Sb	121	284187.229	0.828	0.190	30.17257	1.92	ug/L
	Sb	123	217410.821	1.505	0.145	30.30289	1.19	ug/L
	Ba	135	85194.254	1.685	0.044	30.16998	0.98	ug/L
	Ba	137	145667.086	1.663	0.075	29.94139	2.13	ug/L
>	Ho	165	1937111.907	0.871	1937111.907			ug/L
	Tl	205	904640.905	0.628	0.467	30.65203	1.10	ug/L
	Pb	208	1252137.109	1.412	0.644	30.08514	2.07	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Cu	63
Cu	65
Zn	66
Zn	67
Zn	68
Ge	72
As	75
Se	77
Se	82
Ag	107
In	115
Sb	121
Sb	123
Ba	135
Ba	137
Ho	165
Tl	205
Pb	208

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Be	9	Linear Thru Zero	0.999985
Sc-1	45	Linear Thru Zero	
Cr	52	Linear Thru Zero	0.999987
Cr	53	Linear Thru Zero	0.999963
Mn	55	Linear Thru Zero	0.999990
Ni	60	Linear Thru Zero	0.999817
Cu	63	Linear Thru Zero	0.999898
Cu	65	Linear Thru Zero	0.999905
Zn	66	Linear Thru Zero	1.000000
Zn	67	Linear Thru Zero	0.999977
Zn	68	Linear Thru Zero	1.000000
Ge	72	Linear Thru Zero	
As	75	Linear Thru Zero	0.999986
Se	77	Linear Thru Zero	0.999992
Se	82	Linear Thru Zero	0.999996
Ag	107	Linear Thru Zero	0.999984
In	115	Linear Thru Zero	
Sb	121	Linear Thru Zero	0.999996
Sb	123	Linear Thru Zero	0.999987
Ba	135	Linear Thru Zero	0.999996
Ba	137	Linear Thru Zero	1.000000
Ho	165	Linear Thru Zero	
Tl	205	Linear Thru Zero	0.999941
Pb	208	Linear Thru Zero	0.999999

Method 200.8 - Summary Report

Sample ID: Standard 2

Sample Date/Time: Thursday, January 03, 2002 15:38:48
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: d:\elandata\Method\NEWQ200.8.mth
Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\Standard 2.1637
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
⌈	Be	9	23973.809	0.112	0.040	60.05510	2.75	ug/L
|>	Sc-1	45	596423.593	2.689	596423.593			ug/L
|	Cr	52	682993.038	3.900	1.130	60.13075	4.28	ug/L
|	Cr	53	81835.307	2.401	0.136	60.47673	0.35	ug/L
|	Mn	55	1085939.247	1.938	1.820	61.00127	1.69	ug/L
|	Ni	60	181403.838	2.417	0.304	60.86406	2.08	ug/L
|	Cu	63	422116.844	0.234	0.701	60.96866	2.52	ug/L
⌊	Cu	65	205205.396	2.417	0.341	60.58574	5.06	ug/L
⌈	Zn	66	129154.157	3.081	1.088	60.29426	4.70	ug/L
|	Zn	67	22985.585	0.399	0.193	60.08149	2.07	ug/L
|	Zn	68	94850.247	1.365	0.798	59.99870	1.10	ug/L
|>	Ge	72	118357.282	2.405	118357.282			ug/L
|	As	75	140471.587	1.620	1.184	60.13879	1.80	ug/L
|	Se	77	12522.746	1.961	0.105	60.44382	1.97	ug/L
⌊	Se	82	16553.226	1.884	0.137	60.56441	0.76	ug/L
⌈	Ag	107	740144.405	1.164	0.501	60.31443	0.84	ug/L
|>	In	115	1476951.377	1.381	1476951.377			ug/L
|	Sb	121	564606.960	1.655	0.382	60.06190	1.64	ug/L
⌊	Sb	123	437033.029	1.058	0.296	60.20386	1.60	ug/L
⌈	Ba	135	167589.325	0.571	0.086	59.72513	1.17	ug/L
|	Ba	137	294417.953	0.784	0.151	60.05177	2.37	ug/L
|>	Ho	165	1951854.323	1.734	1951854.323			ug/L
|	Tl	205	1843412.703	1.189	0.945	60.13434	1.44	ug/L
⌊	Pb	208	2458936.852	1.518	1.258	59.71439	3.05	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
⌈	Be	9					
|>	Sc-1	45					
|	Cr	52					
|	Cr	53					
|	Mn	55					
|	Ni	60					

Cu	63
Cu	65
Zn	66
Zn	67
Zn	68
Ge	72
As	75
Se	77
Se	82
Ag	107
In	115
Sb	121
Sb	123
Ba	135
Ba	137
Ho	165
Tl	205
Pb	208

Calibration

Analyte	MassCurve Type	Correlation Coefficient
Be	9Linear Thru Zero	0.999998
Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	0.999991
Cr	53Linear Thru Zero	0.999874
Mn	55Linear Thru Zero	0.999443
Ni	60Linear Thru Zero	0.999585
Cu	63Linear Thru Zero	0.999479
Cu	65Linear Thru Zero	0.999809
Zn	66Linear Thru Zero	0.999952
Zn	67Linear Thru Zero	0.999996
Zn	68Linear Thru Zero	1.000000
Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999989
Se	77Linear Thru Zero	0.999891
Se	82Linear Thru Zero	0.999823
Ag	107Linear Thru Zero	0.999945
In	115Linear Thru Zero	
Sb	121Linear Thru Zero	0.999998
Sb	123Linear Thru Zero	0.999977
Ba	135Linear Thru Zero	0.999958
Ba	137Linear Thru Zero	0.999999
Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999990
Pb	208Linear Thru Zero	0.999955

Method 200.8 - Summary Report

Sample ID: ICV CAL BK

Sample Date/Time: Thursday, January 03, 2002 15:42:45
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: d:\elandata\Method\NEWQ200.8.mth
Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\ICV CAL BK.1638
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
⌈	Be	9	12.667	16.434	-0.000	-0.00751	95.23	ug/L
|>	Sc-1	45	587989.127	5.833	587989.127			ug/L
|	Cr	52	8981.526	2.543	-0.001	-0.03684	117.39	ug/L
|	Cr	53	768.042	29.233	0.000	0.05465	380.58	ug/L
|	Mn	55	648.030	8.103	0.000	0.00387	107.36	ug/L
|	Ni	60	132.002	15.095	-0.000	-0.07054	12.64	ug/L
|	Cu	63	4334.743	1.845	0.000	0.02229	178.89	ug/L
⌊	Cu	65	2071.924	2.568	-0.000	-0.00139	3845.40	ug/L
⌈	Zn	66	525.687	5.586	0.000	0.01225	76.81	ug/L
|	Zn	67	137.669	15.953	0.000	0.01288	412.22	ug/L
|	Zn	68	418.014	4.385	0.000	0.01781	43.70	ug/L
|>	Ge	72	118146.104	1.834	118146.104			ug/L
|	As	75	458.728	17.872	0.001	0.03746	103.68	ug/L
|	Se	77	145.336	3.463	0.000	0.00098	3768.69	ug/L
⌊	Se	82	286.674	4.937	0.000	0.01647	441.99	ug/L
⌈	Ag	107	807.378	10.334	0.000	0.04050	18.90	ug/L
|>	In	115	1479559.853	2.045	1479559.853			ug/L
|	Sb	121	472.684	17.268	0.000	0.04373	21.21	ug/L
⌊	Sb	123	373.358	15.958	0.000	0.04451	18.73	ug/L
⌈	Ba	135	223.672	5.371	0.000	0.00419	90.91	ug/L
|	Ba	137	362.011	1.266	0.000	0.00409	42.83	ug/L
|>	Ho	165	1926388.994	1.107	1926388.994			ug/L
|	Tl	205	248.006	9.935	0.000	0.00496	16.06	ug/L
⌊	Pb	208	5395.349	1.178	0.000	0.00789	36.34	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
⌈	Be	9					
|>	Sc-1	45		100.339			
|	Cr	52					
|	Cr	53					
|	Mn	55					
|	Ni	60					

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	99.467
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	99.718
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	98.164
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999998
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999991
	Cr	53Linear Thru Zero	0.999874
	Mn	55Linear Thru Zero	0.999443
	Ni	60Linear Thru Zero	0.999585
	Cu	63Linear Thru Zero	0.999479
	Cu	65Linear Thru Zero	0.999809
	Zn	66Linear Thru Zero	0.999952
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	1.000000
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999989
	Se	77Linear Thru Zero	0.999891
	Se	82Linear Thru Zero	0.999823
	Ag	107Linear Thru Zero	0.999945
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999998
	Sb	123Linear Thru Zero	0.999977
	Ba	135Linear Thru Zero	0.999958
	Ba	137Linear Thru Zero	0.999999
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999990
	Pb	208Linear Thru Zero	0.999955

Method 200.8 - Summary Report

Sample ID: ICV STD1 30 PPB

Sample Date/Time: Thursday, January 03, 2002 15:45:58
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: d:\elandata\Method\NEWQ200.8.mth
Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\ICV STD1 30 PPB.1639
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	12156.913	1.827	0.020	29.40537	2.39	ug/L
>	Sc-1	45	617127.094	2.500	617127.094			ug/L
	Cr	52	360789.228	1.250	0.569	30.27907	1.60	ug/L
	Cr	53	42183.074	1.388	0.067	29.87324	3.27	ug/L
	Mn	55	547323.419	2.567	0.886	29.71022	4.47	ug/L
	Ni	60	89644.693	4.720	0.145	29.03729	7.25	ug/L
	Cu	63	204926.769	3.097	0.325	28.29046	5.73	ug/L
	Cu	65	101528.329	2.287	0.161	28.62919	3.74	ug/L
	Zn	66	63755.111	1.456	0.524	29.03937	1.03	ug/L
	Zn	67	11692.632	1.327	0.096	29.77817	1.45	ug/L
	Zn	68	48114.156	1.609	0.395	29.70719	1.47	ug/L
>	Ge	72	120729.244	0.443	120729.244			ug/L
	As	75	71018.053	2.359	0.585	29.72193	2.74	ug/L
	Se	77	6375.298	0.472	0.052	29.80594	0.55	ug/L
	Se	82	8273.180	1.984	0.066	29.13701	2.50	ug/L
	Ag	107	362593.675	0.970	0.246	29.59057	2.21	ug/L
>	In	115	1474416.650	1.499	1474416.650			ug/L
	Sb	121	286046.559	1.367	0.194	30.47670	0.15	ug/L
	Sb	123	217689.007	1.057	0.148	30.04041	2.58	ug/L
	Ba	135	85664.930	0.870	0.043	30.21322	2.38	ug/L
	Ba	137	147270.429	2.962	0.075	29.72693	3.94	ug/L
>	Ho	165	1970003.265	1.527	1970003.265			ug/L
	Tl	205	900680.266	1.858	0.457	29.10590	1.32	ug/L
	Pb	208	1226500.116	0.993	0.620	29.44518	2.50	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		105.312			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Cu	63	
Cu	65	
Zn	66	
Zn	67	
Zn	68	
> Ge	72	101.641
As	75	
Se	77	
Se	82	
Ag	107	
> In	115	99.371
Sb	121	
Sb	123	
Ba	135	
Ba	137	
> Ho	165	100.387
Tl	205	
Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999998
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999991
	Cr	53Linear Thru Zero	0.999874
	Mn	55Linear Thru Zero	0.999443
	Ni	60Linear Thru Zero	0.999585
	Cu	63Linear Thru Zero	0.999479
	Cu	65Linear Thru Zero	0.999809
	Zn	66Linear Thru Zero	0.999952
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	1.000000
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999989
	Se	77Linear Thru Zero	0.999891
	Se	82Linear Thru Zero	0.999823
	Ag	107Linear Thru Zero	0.999945
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999998
	Sb	123Linear Thru Zero	0.999977
	Ba	135Linear Thru Zero	0.999958
	Ba	137Linear Thru Zero	0.999999
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999990
	Pb	208Linear Thru Zero	0.999955

Method 200.8 - Summary Report

Sample ID: ICV STD2 60 PPB

Sample Date/Time: Thursday, January 03, 2002 15:48:50
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: d:\elandata\Method\NEWQ200.8.mth
Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\ICV STD2 60 PPB.1640
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	24811.731	1.258	0.040	59.42391	4.82	ug/L
>	Sc-1	45	624479.369	4.975	624479.369			ug/L
	Cr	52	684380.466	4.189	1.080	57.51332	2.22	ug/L
	Cr	53	79391.779	2.661	0.126	56.04482	3.24	ug/L
	Mn	55	1036839.545	1.219	1.662	55.71197	5.53	ug/L
	Ni	60	169831.459	2.069	0.272	54.52318	6.87	ug/L
	Cu	63	406059.281	2.084	0.644	56.04369	6.01	ug/L
	Cu	65	203075.417	2.053	0.322	57.30846	6.91	ug/L
	Zn	66	131286.304	1.530	1.092	60.53814	3.16	ug/L
	Zn	67	23400.650	1.512	0.194	60.43573	3.31	ug/L
	Zn	68	96889.596	1.234	0.806	60.55925	2.57	ug/L
>	Ge	72	119805.015	2.115	119805.015			ug/L
	As	75	139800.096	1.472	1.164	59.11886	0.86	ug/L
	Se	77	12304.779	1.428	0.101	58.64925	1.12	ug/L
	Se	82	16178.215	1.973	0.133	58.46122	3.60	ug/L
	Ag	107	725645.031	1.173	0.499	60.05141	1.12	ug/L
>	In	115	1454377.255	1.338	1454377.255			ug/L
	Sb	121	556383.943	1.183	0.383	60.10357	0.62	ug/L
	Sb	123	431228.458	1.508	0.297	60.32899	2.27	ug/L
	Ba	135	167431.813	0.722	0.088	61.07276	0.98	ug/L
	Ba	137	293272.238	2.082	0.154	61.23064	3.38	ug/L
>	Ho	165	1906950.452	1.468	1906950.452			ug/L
	Tl	205	1777901.303	1.739	0.933	59.37296	3.09	ug/L
	Pb	208	2496254.286	1.638	1.307	62.04374	2.44	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		106.566			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

	Cu 63	
	Cu 65	
	Zn 66	
	Zn 67	
	Zn 68	
>	Ge 72	100.863
	As 75	
	Se 77	
	Se 82	
	Ag 107	
>	In 115	98.021
	Sb 121	
	Sb 123	
	Ba 135	
	Ba 137	
>	Ho 165	97.174
	Tl 205	
	Pb 208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999998
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999991
	Cr	53Linear Thru Zero	0.999874
	Mn	55Linear Thru Zero	0.999443
	Ni	60Linear Thru Zero	0.999585
	Cu	63Linear Thru Zero	0.999479
	Cu	65Linear Thru Zero	0.999809
	Zn	66Linear Thru Zero	0.999952
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	1.000000
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999989
	Se	77Linear Thru Zero	0.999891
	Se	82Linear Thru Zero	0.999823
	Ag	107Linear Thru Zero	0.999945
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999998
	Sb	123Linear Thru Zero	0.999977
	Ba	135Linear Thru Zero	0.999958
	Ba	137Linear Thru Zero	0.999999
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999990
	Pb	208Linear Thru Zero	0.999955

Method 200.8 - Summary Report

Sample ID: QCS 50 PPB

Sample Date/Time: Thursday, January 03, 2002 15:52:08
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: d:\elandata\Method\NEWQ200.8.mth
Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\QCS 50 PPB.1641
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	20659.674	3.541	0.035	51.88588	4.41	ug/L
>	Sc-1	45	595268.705	5.512	595268.705			ug/L
	Cr	52	572083.635	1.160	0.947	50.39665	4.71	ug/L
	Cr	53	67234.421	1.582	0.112	49.81326	6.97	ug/L
	Mn	55	889946.209	1.645	1.498	50.19752	6.86	ug/L
	Ni	60	146902.601	3.721	0.247	49.50633	8.63	ug/L
	Cu	63	349828.666	2.375	0.582	50.61558	6.79	ug/L
	Cu	65	172894.920	2.369	0.288	51.14689	7.78	ug/L
	Zn	66	114041.009	0.919	0.968	53.64948	3.65	ug/L
	Zn	67	20202.970	2.673	0.171	53.19665	3.04	ug/L
	Zn	68	81813.333	3.873	0.694	52.14584	4.00	ug/L
>	Ge	72	117402.760	2.732	117402.760			ug/L
	As	75	120000.002	0.356	1.019	51.78147	2.38	ug/L
	Se	77	10681.379	1.649	0.090	51.89234	3.25	ug/L
	Se	82	14080.370	0.884	0.118	51.81533	3.67	ug/L
	Ag	107	637708.850	2.938	0.441	53.14497	4.16	ug/L
>	In	115	1444573.283	1.272	1444573.283			ug/L
	Sb	121	474504.770	0.586	0.328	51.61175	1.77	ug/L
	Sb	123	365533.805	0.807	0.253	51.48364	1.83	ug/L
	Ba	135	137940.490	1.488	0.073	50.49604	0.88	ug/L
	Ba	137	243768.471	0.411	0.128	51.07376	1.47	ug/L
>	Ho	165	1899459.777	1.137	1899459.777			ug/L
	Tl	205	1535476.697	1.823	0.808	51.47300	2.69	ug/L
	Pb	208	2104533.157	0.536	1.105	52.48795	0.75	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		101.582			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Cu	63	
Cu	65	
Zn	66	
Zn	67	
Zn	68	
> Ge	72	98.841
As	75	
Se	77	
Se	82	
Ag	107	
> In	115	97.360
Sb	121	
Sb	123	
Ba	135	
Ba	137	
> Ho	165	96.792
Tl	205	
Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999998
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999991
	Cr	53Linear Thru Zero	0.999874
	Mn	55Linear Thru Zero	0.999443
	Ni	60Linear Thru Zero	0.999585
	Cu	63Linear Thru Zero	0.999479
	Cu	65Linear Thru Zero	0.999809
	Zn	66Linear Thru Zero	0.999952
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	1.000000
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999989
	Se	77Linear Thru Zero	0.999891
	Se	82Linear Thru Zero	0.999823
	Ag	107Linear Thru Zero	0.999945
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999998
	Sb	123Linear Thru Zero	0.999977
	Ba	135Linear Thru Zero	0.999958
	Ba	137Linear Thru Zero	0.999999
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999990
	Pb	208Linear Thru Zero	0.999955

Method 200.8 - Summary Report

Sample ID: LFB 50 PPB

Sample Date/Time: Thursday, January 03, 2002 15:55:15
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: d:\elandata\Method\NEWQ200.8.mth
Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\LFB 50 PPB.1642
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	20261.089	0.410	0.035	51.58680	3.03	ug/L
>	Sc-1	45	586768.440	2.709	586768.440			ug/L
	Cr	52	579526.842	1.721	0.972	51.73732	1.11	ug/L
	Cr	53	67882.276	2.472	0.115	50.91756	2.54	ug/L
	Mn	55	916599.130	2.451	1.562	52.34394	3.49	ug/L
	Ni	60	151858.031	2.060	0.258	51.77212	1.57	ug/L
	Cu	63	347650.621	2.636	0.586	50.94936	4.42	ug/L
	Cu	65	171519.722	3.695	0.289	51.39086	6.40	ug/L
	Zn	66	108618.780	4.839	0.922	51.13102	5.62	ug/L
	Zn	67	19320.045	2.824	0.164	50.91178	3.56	ug/L
	Zn	68	79832.887	2.010	0.677	50.92417	1.56	ug/L
>	Ge	72	117260.271	0.865	117260.271			ug/L
	As	75	118226.921	1.860	1.005	51.05546	1.89	ug/L
	Se	77	10536.212	3.245	0.089	51.20864	2.60	ug/L
	Se	82	14113.759	2.338	0.118	51.97183	2.41	ug/L
	Ag	107	636717.780	0.803	0.439	52.89168	1.49	ug/L
>	In	115	1448843.958	0.912	1448843.958			ug/L
	Sb	121	458257.888	0.704	0.316	49.69349	1.31	ug/L
	Sb	123	353427.521	1.784	0.244	49.62183	0.87	ug/L
	Ba	135	139766.975	0.718	0.072	50.24778	2.14	ug/L
	Ba	137	244049.347	0.948	0.126	50.20295	0.94	ug/L
>	Ho	165	1934604.703	1.890	1934604.703			ug/L
	Tl	205	1514565.292	2.626	0.783	49.86012	3.88	ug/L
	Pb	208	2065479.258	2.028	1.065	50.59131	3.55	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		100.131			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	98.721
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	97.648
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	98.583
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999998
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999991
	Cr	53Linear Thru Zero	0.999874
	Mn	55Linear Thru Zero	0.999443
	Ni	60Linear Thru Zero	0.999585
	Cu	63Linear Thru Zero	0.999479
	Cu	65Linear Thru Zero	0.999809
	Zn	66Linear Thru Zero	0.999952
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	1.000000
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999989
	Se	77Linear Thru Zero	0.999891
	Se	82Linear Thru Zero	0.999823
	Ag	107Linear Thru Zero	0.999945
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999998
	Sb	123Linear Thru Zero	0.999977
	Ba	135Linear Thru Zero	0.999958
	Ba	137Linear Thru Zero	0.999999
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999990
	Pb	208Linear Thru Zero	0.999955

Method 200.8 - Summary Report

Sample ID: LRB

Sample Date/Time: Thursday, January 03, 2002 15:59:17
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: d:\elandata\Method\NEWQ200.8.mth
Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\LRB.1643
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
⌈	Be	9	13.333	33.819	-0.000	-0.00763	151.69	ug/L
|>	Sc-1	45	618676.747	3.439	618676.747			ug/L
|	Cr	52	9803.756	10.784	-0.000	-0.00604	1863.50	ug/L
|	Cr	53	576.024	0.347	-0.000	-0.11935	12.98	ug/L
|	Mn	55	663.364	2.748	0.000	0.00279	77.86	ug/L
|	Ni	60	101.335	14.380	-0.000	-0.08293	6.75	ug/L
|	Cu	63	4061.281	2.600	-0.001	-0.04872	68.32	ug/L
⌊	Cu	65	2017.244	5.325	-0.000	-0.04921	96.74	ug/L
⌈	Zn	66	518.687	6.522	0.000	0.00764	271.44	ug/L
|	Zn	67	124.002	3.515	-0.000	-0.02470	77.88	ug/L
|	Zn	68	417.681	11.159	0.000	0.01570	178.18	ug/L
|>	Ge	72	118989.836	2.541	118989.836			ug/L
|	As	75	416.816	7.963	0.000	0.01793	94.70	ug/L
|	Se	77	146.669	9.407	0.000	0.00125	4127.92	ug/L
⌊	Se	82	268.340	1.411	-0.000	-0.05962	29.30	ug/L
⌈	Ag	107	959.727	8.419	0.000	0.05545	12.47	ug/L
|>	In	115	1431739.226	1.020	1431739.226			ug/L
|	Sb	121	239.006	5.243	0.000	0.01970	7.66	ug/L
⌊	Sb	123	184.144	16.977	0.000	0.01935	24.26	ug/L
⌈	Ba	135	201.004	5.242	-0.000	-0.00248	137.81	ug/L
|	Ba	137	362.011	4.911	0.000	0.00567	74.30	ug/L
|>	Ho	165	1886758.012	0.643	1886758.012			ug/L
|	Tl	205	271.007	16.449	0.000	0.00592	26.11	ug/L
⌊	Pb	208	5333.334	0.754	0.000	0.00911	19.87	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
⌈	Be	9					
|>	Sc-1	45		105.576			
|	Cr	52					
|	Cr	53					
|	Mn	55					
|	Ni	60					

Cu	63	
Cu	65	
Zn	66	
Zn	67	
Zn	68	
> Ge	72	100.177
As	75	
Se	77	
Se	82	
Ag	107	
> In	115	96.495
Sb	121	
Sb	123	
Ba	135	
Ba	137	
> Ho	165	96.145
Tl	205	
Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999998
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999991
	Cr	53Linear Thru Zero	0.999874
	Mn	55Linear Thru Zero	0.999443
	Ni	60Linear Thru Zero	0.999585
	Cu	63Linear Thru Zero	0.999479
	Cu	65Linear Thru Zero	0.999809
	Zn	66Linear Thru Zero	0.999952
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	1.000000
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999989
	Se	77Linear Thru Zero	0.999891
	Se	82Linear Thru Zero	0.999823
	Ag	107Linear Thru Zero	0.999945
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999998
	Sb	123Linear Thru Zero	0.999977
	Ba	135Linear Thru Zero	0.999958
	Ba	137Linear Thru Zero	0.999999
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999990
	Pb	208Linear Thru Zero	0.999955

Method 200.8 - Summary Report

Sample ID: AD30251

Sample Date/Time: Thursday, January 03, 2002 16:03:11
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: d:\elandata\Method\NEWQ200.8.mth
Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\AD30251.1644
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	13.000	46.154	-0.000	-0.01022	130.32	ug/L
>	Sc-1	45	653908.630	5.094	653908.630			ug/L
	Cr	52	10488.172	7.140	0.000	0.00215	1702.59	ug/L
	Cr	53	1023.068	4.832	0.000	0.16206	5.57	ug/L
	Mn	55	421390.612	1.671	0.645	21.61089	6.49	ug/L
	Ni	60	971.062	3.893	0.001	0.18224	8.94	ug/L
	Cu	63	7718.020	2.775	0.005	0.40874	18.90	ug/L
	Cu	65	3790.829	4.027	0.002	0.40371	22.72	ug/L
	Zn	66	1711.512	3.056	0.009	0.51961	8.24	ug/L
	Zn	67	529.687	5.109	0.003	0.96052	10.53	ug/L
	Zn	68	1962.898	3.303	0.012	0.92357	4.84	ug/L
>	Ge	72	125981.325	2.941	125981.325			ug/L
	As	75	1595.536	3.136	0.010	0.48390	8.16	ug/L
	Se	77	181.004	5.821	0.000	0.11953	22.54	ug/L
	Se	82	349.677	2.595	0.000	0.16987	21.54	ug/L
	Ag	107	401.013	2.697	0.000	0.00664	11.52	ug/L
>	In	115	1513481.756	0.724	1513481.756			ug/L
	Sb	121	583.691	9.234	0.000	0.05404	9.57	ug/L
	Sb	123	437.234	9.244	0.000	0.05192	10.13	ug/L
	Ba	135	41453.722	1.288	0.021	14.43736	3.22	ug/L
	Ba	137	72057.846	0.753	0.036	14.36179	1.28	ug/L
>	Ho	165	1989801.146	1.912	1989801.146			ug/L
	Tl	205	216.338	17.821	0.000	0.00368	30.74	ug/L
	Pb	208	3559.979	0.846	-0.001	-0.04015	2.32	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		111.589			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	106.063
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	102.004
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.396
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999998
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999991
	Cr	53Linear Thru Zero	0.999874
	Mn	55Linear Thru Zero	0.999443
	Ni	60Linear Thru Zero	0.999585
	Cu	63Linear Thru Zero	0.999479
	Cu	65Linear Thru Zero	0.999809
	Zn	66Linear Thru Zero	0.999952
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	1.000000
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999989
	Se	77Linear Thru Zero	0.999891
	Se	82Linear Thru Zero	0.999823
	Ag	107Linear Thru Zero	0.999945
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999998
	Sb	123Linear Thru Zero	0.999977
	Ba	135Linear Thru Zero	0.999958
	Ba	137Linear Thru Zero	0.999999
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999990
	Pb	208Linear Thru Zero	0.999955