

Method 200.8 - Summary Report

Sample ID: Blank

Sample Date/Time: Tuesday, January 29, 2002 13:38:43

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

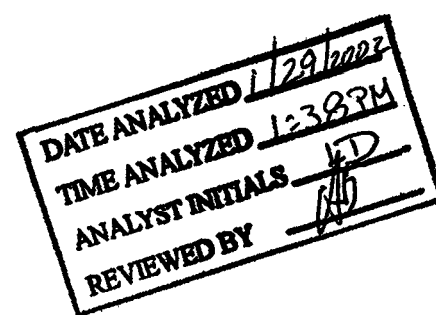
Dataset File: d:\elandata\Dataset\daily performance\Blank.002

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	16.334	7.070				ug/L
>	Sc-1	45	842057.788	1.253				ug/L
	Cr	52	11677.289	4.552				ug/L
	Cr	53	722.036	3.550				ug/L
	Mn	55	1279.770	4.918				ug/L
	Ni	60	423.347	7.638				ug/L
	Cu	63	1981.236	4.959				ug/L
	Cu	65	1009.733	2.925				ug/L
	Zn	66	3870.864	4.510				ug/L
	Zn	67	639.029	2.856				ug/L
	Zn	68	2773.786	7.009				ug/L
>	Ge	72	147081.931	1.605				ug/L
	As	75	1573.849	8.119				ug/L
	Se	77	184.337	12.303				ug/L
	Se	82	715.035	4.547				ug/L
	Ag	107	323.009	1.419				ug/L
>	In	115	1800210.672	1.715				ug/L
	Sb	121	66.334	10.589				ug/L
	Sb	123	52.796	6.634				ug/L
	Ba	135	1604.825	4.457				ug/L
	Ba	137	2861.146	3.322				ug/L
>	Ho	165	2552420.487	2.962				ug/L
	Tl	205	1598.495	23.169				ug/L
	Pb	208	16231.611	5.031				ug/L

Reviewed by,

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					

Sample ID: Blank

Report Date/Time: Tuesday, January 29, 2002 13:40:15

Page 1

	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	9Simple Linear
>	Sc-1	45Simple Linear
	Cr	52Simple Linear
	Cr	53Simple Linear
	Mn	55Simple Linear
	Ni	60Simple Linear
	Cu	63Simple Linear
	Cu	65Simple Linear
	Zn	66Simple Linear
	Zn	67Simple Linear
	Zn	68Simple Linear
>	Ge	72Simple Linear
	As	75Simple Linear
	Se	77Simple Linear
	Se	82Simple Linear
	Ag	107Simple Linear
>	In	115Linear Thru Zero
	Sb	121Simple Linear
	Sb	123Simple Linear
	Ba	135Simple Linear
	Ba	137Simple Linear
>	Ho	165Simple Linear
	Tl	205Simple Linear
	Pb	208Linear Thru Zero

Sample ID: Blank

Report Date/Time: Tuesday, January 29, 2002 13:40:15

Page 2

Method 200.8 - Summary Report

Sample ID: Standard 1

Sample Date/Time: Tuesday, January 29, 2002 13:41:34

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\Standard 1.003

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	20097.072	3.229	0.025	30.00000	4.57	ug/L
>	Sc-1	45	815813.847	1.926	815813.847			ug/L
	Cr	52	447628.749	0.778	0.535	30.00000	2.29	ug/L
	Cr	53	51851.327	1.633	0.063	30.00000	2.93	ug/L
	Mn	55	694961.412	2.328	0.850	30.00000	1.37	ug/L
	Ni	60	114244.265	1.454	0.140	30.00000	2.81	ug/L
	Cu	63	262968.324	3.656	0.320	30.00000	3.32	ug/L
	Cu	65	130102.750	1.297	0.158	30.00000	3.28	ug/L
	Zn	66	82930.717	0.722	0.543	30.00000	3.51	ug/L
	Zn	67	14268.668	1.973	0.094	30.00000	1.09	ug/L
	Zn	68	60279.553	2.702	0.395	30.00000	5.03	ug/L
>	Ge	72	145783.718	2.946	145783.718			ug/L
	As	75	83488.660	1.675	0.563	30.00000	4.66	ug/L
	Se	77	7191.917	2.769	0.048	30.00000	0.63	ug/L
	Se	82	10025.626	1.684	0.064	30.00000	4.93	ug/L
	Ag	107	444782.529	3.358	0.246	30.00000	6.16	ug/L
>	In	115	1809747.714	3.131	1809747.714			ug/L
	Sb	121	335654.508	0.196	0.186	30.00000	3.34	ug/L
	Sb	123	258600.616	0.379	0.143	30.00000	2.80	ug/L
	Ba	135	104576.225	3.447	0.040	30.00000	2.66	ug/L
	Ba	137	179370.234	2.142	0.068	30.00000	3.01	ug/L
>	Ho	165	2600425.393	0.857	2600425.393			ug/L
	Tl	205	1250095.223	1.277	0.480	30.00000	2.14	ug/L
	Pb	208	1661627.623	2.152	0.633	30.00000	2.63	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					

Sample ID: Standard 1

Report Date/Time: Tuesday, January 29, 2002 13:43:06

Page 1

	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

Anaiyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	1.000000
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	1.000000
	Cr 53Linear Thru Zero	1.000000
	Mn 55Linear Thru Zero	1.000000
	Ni 60Linear Thru Zero	1.000000
	Cu 63Linear Thru Zero	1.000000
	Cu 65Linear Thru Zero	1.000000
	Zn 66Linear Thru Zero	1.000000
	Zn 67Linear Thru Zero	1.000000
	Zn 68Linear Thru Zero	1.000000
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	1.000000
	Se 77Linear Thru Zero	1.000000
	Se 82Linear Thru Zero	1.000000
	Ag 107Linear Thru Zero	1.000000
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	1.000000
	Sb 123Linear Thru Zero	1.000000
	Ba 135Linear Thru Zero	1.000000
	Ba 137Linear Thru Zero	1.000000
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	1.000000
	Pb 208Linear Thru Zero	1.000000

Sample ID: Standard 1

Report Date/Time: Tuesday, January 29, 2002 13:43:06

Page 2

Method 200.8 - Summary Report

Sample ID: Standard 2

Sample Date/Time: Tuesday, January 29, 2002 13:44:39

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\Standard 2.004

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	38809.118	3.547	0.049	59.91100	5.86	ug/L
>	Sc-1	45	794291.895	2.825	794291.895			ug/L
	Cr	52	863434.236	2.571	1.074	60.04762	5.20	ug/L
	Cr	53	100160.127	1.261	0.125	59.98457	1.57	ug/L
	Mn	55	1354547.833	0.867	1.705	60.02962	3.42	ug/L
	Ni	60	220720.713	1.077	0.278	59.93159	3.72	ug/L
	Cu	63	508071.680	2.660	0.637	59.95075	1.75	ug/L
	Cu	65	251836.872	2.874	0.316	59.98141	5.68	ug/L
	Zn	66	159251.607	1.760	1.096	60.11642	0.58	ug/L
	Zn	67	27831.498	2.384	0.192	60.30332	3.38	ug/L
	Zn	68	115544.836	0.926	0.796	60.09028	2.05	ug/L
>	Ge	72	141834.744	1.330	141834.744			ug/L
	As	75	162299.686	1.598	1.134	60.09351	2.68	ug/L
	Se	77	13986.895	2.406	0.097	60.14707	1.36	ug/L
	Se	82	18824.658	0.185	0.128	59.99389	1.40	ug/L
	Ag	107	883539.046	2.936	0.497	60.12385	3.90	ug/L
>	In	115	1778324.913	2.752	1778324.913			ug/L
	Sb	121	659526.895	1.066	0.371	59.99541	2.40	ug/L
	Sb	123	506104.758	2.069	0.285	59.95338	4.48	ug/L
	Ba	135	201367.881	0.922	0.076	59.56080	0.89	ug/L
	Ba	137	352755.710	2.562	0.134	59.82332	3.87	ug/L
>	Ho	165	2616180.093	1.363	2616180.093			ug/L
	Tl	205	2472552.565	4.100	0.945	59.80535	5.48	ug/L
	Pb	208	3244481.518	1.944	1.234	59.69699	2.84	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					

Sample ID: Standard 2

Report Date/Time: Tuesday, January 29, 2002 13:46:11

Page 1

	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
>	Sc-1	45Linear Thru Zero
	Cr	52Linear Thru Zero
	Cr	53Linear Thru Zero
	Mn	55Linear Thru Zero
	Ni	60Linear Thru Zero
	Cu	63Linear Thru Zero
	Cu	65Linear Thru Zero
	Zn	66Linear Thru Zero
	Zn	67Linear Thru Zero
	Zn	68Linear Thru Zero
>	Ge	72Linear Thru Zero
	As	75Linear Thru Zero
	Se	77Linear Thru Zero
	Se	82Linear Thru Zero
	Ag	107Linear Thru Zero
>	In	115Linear Thru Zero
	Sb	121Linear Thru Zero
	Sb	123Linear Thru Zero
	Ba	135Linear Thru Zero
	Ba	137Linear Thru Zero
>	Ho	165Linear Thru Zero
	Tl	205Linear Thru Zero
	Pb	208Linear Thru Zero



Sample ID: Standard 2

Report Date/Time: Tuesday, January 29, 2002 13:46:11

Page 2

Method 200.8 - Summary Report

Sample ID: ICV CAL BK

Sample Date/Time: Tuesday, January 29, 2002 13:53:47

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\ICV CAL BK.005

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	18.334	38.312	0.000	0.00420	266.87	ug/L
>	Sc-1	45	805949.805	3.722	805949.805			ug/L
	Cr	52	11026.466	3.593	-0.000	-0.00956	453.75	ug/L
	Cr	53	554.022	3.249	-0.000	-0.08103	23.28	ug/L
	Mn	55	1247.098	2.895	0.000	0.00101	207.73	ug/L
	Ni	60	425.014	7.370	0.000	0.00547	188.34	ug/L
	Cu	63	1925.557	6.185	0.000	0.00341	317.80	ug/L
	Cu	65	944.725	3.584	-0.000	-0.00472	337.52	ug/L
	Zn	66	3520.050	3.369	-0.002	-0.08971	42.62	ug/L
	Zn	67	580.691	1.338	-0.000	-0.08573	7.67	ug/L
	Zn	68	2612.402	3.682	-0.001	-0.04070	128.06	ug/L
>	Ge	72	142608.677	1.088	142608.677			ug/L
	As	75	1583.035	3.662	0.000	0.02124	104.23	ug/L
	Se	77	156.670	6.457	-0.000	-0.09557	45.39	ug/L
	Se	82	709.701	3.708	0.000	0.05428	172.91	ug/L
	Ag	107	382.345	4.768	0.000	0.00446	19.97	ug/L
>	In	115	1767403.927	2.122	1767403.927			ug/L
	Sb	121	155.670	9.361	0.000	0.00831	19.84	ug/L
	Sb	123	117.433	8.031	0.000	0.00780	10.83	ug/L
	Ba	135	1562.483	1.076	-0.000	-0.01428	103.83	ug/L
	Ba	137	2714.099	1.830	-0.000	-0.02708	63.70	ug/L
>	Ho	165	2560895.135	2.660	2560895.135			ug/L
	Tl	205	1095.078	11.839	-0.000	-0.01254	28.05	ug/L
	Pb	208	14638.054	3.989	-0.001	-0.03089	51.30	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		95.712			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: ICV CAL BK

Report Date/Time: Tuesday, January 29, 2002 13:55:19

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	96.959
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	98.178
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.332
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Method 200.8 - Summary Report

Sample ID: ICV STD1 30 PPB

Sample Date/Time: Tuesday, January 29, 2002 13:57:25

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\ICV STD1 30 PPB.006

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	19227.521	3.540	0.023	28.51005	5.84	ug/L
>	Sc-1	45	826472.712	2.251	826472.712			ug/L
	Cr	52	434059.468	0.814	0.512	28.59670	3.17	ug/L
	Cr	53	50004.668	1.509	0.060	28.57331	3.51	ug/L
	Mn	55	680893.792	2.057	0.822	28.95954	2.10	ug/L
	Ni	60	107089.049	2.546	0.129	27.88834	4.84	ug/L
	Cu	63	257769.455	3.284	0.309	29.10997	1.18	ug/L
	Cu	65	124968.217	2.044	0.150	28.47256	4.13	ug/L
	Zn	66	81947.857	0.792	0.551	30.22317	1.90	ug/L
	Zn	67	14346.122	1.256	0.097	30.40102	1.64	ug/L
	Zn	68	58796.477	1.655	0.396	29.86405	2.99	ug/L
>	Ge	72	141909.893	1.270	141909.893			ug/L
	As	75	79799.554	2.978	0.552	29.24578	4.17	ug/L
	Se	77	7120.526	1.023	0.049	30.22717	0.95	ug/L
	Se	82	9572.133	1.546	0.063	29.37176	2.95	ug/L
	Ag	107	437801.760	2.618	0.248	30.03790	4.92	ug/L
>	In	115	1763835.658	2.852	1763835.658			ug/L
	Sb	121	326979.401	1.931	0.185	29.98069	1.65	ug/L
	Sb	123	251249.879	0.750	0.142	29.99499	2.47	ug/L
	Ba	135	101002.441	1.813	0.039	30.81129	0.80	ug/L
	Ba	137	178914.649	2.635	0.070	31.30777	5.01	ug/L
>	Ho	165	2517625.948	2.544	2517625.948			ug/L
	Tl	205	1193054.960	1.747	0.474	29.97387	4.25	ug/L
	Pb	208	1647354.388	2.176	0.648	31.36754	4.44	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		98.149			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: ICV STD1 30 PPB

Report Date/Time: Tuesday, January 29, 2002 13:58:56

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	96.484
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	97.979
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	98.637
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: ICV STD1 30 PPB

Report Date/Time: Tuesday, January 29, 2002 13:58:56

Page 2

Method 200.8 - Summary Report

Sample ID: ICV STD2 60 PPB

Sample Date/Time: Tuesday, January 29, 2002 14:01:02

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\ICV STD2 60 PPB.007

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	38516.811	0.901	0.048	58.60124	0.78	ug/L
>	Sc-1	45	805175.822	1.685	805175.822			ug/L
	Cr	52	846363.072	2.606	1.038	57.99669	3.28	ug/L
	Cr	53	99304.263	2.261	0.122	58.65067	2.65	ug/L
	Mn	55	1337117.948	2.598	1.660	58.43935	3.85	ug/L
	Ni	60	215792.146	1.870	0.268	57.77209	2.88	ug/L
	Cu	63	500918.350	1.224	0.620	58.31082	2.71	ug/L
	Cu	65	246685.732	1.485	0.305	57.90961	3.02	ug/L
	Zn	66	159272.856	2.338	1.108	60.75933	3.08	ug/L
	Zn	67	27652.955	2.590	0.193	60.50902	1.97	ug/L
	Zn	68	115552.495	2.374	0.804	60.71630	3.11	ug/L
>	Ge	72	140411.464	0.697	140411.464			ug/L
	As	75	160326.826	1.766	1.131	59.95643	2.35	ug/L
	Se	77	13985.901	3.891	0.098	60.77777	4.63	ug/L
	Se	82	18664.335	2.661	0.128	60.09109	3.43	ug/L
	Ag	107	869994.491	1.686	0.491	59.37061	2.43	ug/L
>	in	115	1772679.296	0.869	1772679.296			ug/L
	Sb	121	642048.782	1.336	0.362	58.57219	1.85	ug/L
	Sb	123	498804.939	2.001	0.281	59.22820	1.38	ug/L
	Ba	135	199510.903	0.865	0.079	61.66761	1.85	ug/L
	Ba	137	347652.249	0.584	0.138	61.58716	0.68	ug/L
>	Ho	165	2504353.524	1.005	2504353.524			ug/L
	Tl	205	2449227.535	3.119	0.978	61.87054	3.88	ug/L
	Pb	208	3290496.917	2.175	1.307	63.24848	1.38	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		95.620			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: ICV STD2 60 PPB

Report Date/Time: Tuesday, January 29, 2002 14:02:33

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.465
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	98.471
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	98.117
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	in	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: ICV STD2 60 PPB

Report Date/Time: Tuesday, January 29, 2002 14:02:33

Page 2

Method 200.8 - Summary Report

Sample ID: QCS 50 PPB

Sample Date/Time: Tuesday, January 29, 2002 14:05:47

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\QCS 50 PPB.008

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	32520.163	5.345	0.040	48.97846	6.41	ug/L
>	Sc-1	45	813604.369	1.033	813604.369			ug/L
	Cr	52	731611.596	0.735	0.885	49.49736	1.80	ug/L
	Cr	53	85357.069	1.203	0.104	49.82964	2.24	ug/L
	Mn	55	1175169.900	1.279	1.443	50.80354	0.67	ug/L
	Ni	60	186776.924	4.527	0.229	49.47543	5.50	ug/L
	Cu	63	439540.305	3.273	0.538	50.58728	2.62	ug/L
	Cu	65	213368.293	1.354	0.261	49.52721	2.21	ug/L
	Zn	66	138041.301	1.293	0.938	51.43557	1.53	ug/L
	Zn	67	23928.697	1.859	0.163	51.15616	0.64	ug/L
	Zn	68	99657.058	2.003	0.678	51.16858	4.57	ug/L
>	Ge	72	143162.970	2.419	143162.970			ug/L
	As	75	137869.808	1.555	0.953	50.50547	3.96	ug/L
	Se	77	12244.029	1.070	0.084	52.09223	3.35	ug/L
	Se	82	16239.322	1.339	0.109	50.96815	3.90	ug/L
	Ag	107	751665.256	2.924	0.430	51.98556	5.79	ug/L
>	In	115	1750837.477	2.982	1750837.477			ug/L
	Sb	121	568523.070	0.450	0.325	52.53304	2.51	ug/L
	Sb	123	437433.071	0.206	0.250	52.61930	2.75	ug/L
	Ba	135	170605.581	2.393	0.064	50.27858	2.06	ug/L
	Ba	137	303240.466	1.990	0.115	51.28959	6.05	ug/L
>	Ho	165	2622905.512	4.052	2622905.512			ug/L
	Tl	205	2193800.024	3.411	0.836	52.93200	3.94	ug/L
	Pb	208	2747451.191	1.823	1.043	50.44011	5.64	ug/L

QC Calculated Values

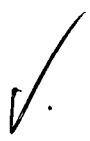
	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		96.621			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: QCS 50 PPB

Report Date/Time: Tuesday, January 29, 2002 14:07:18

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	97.336
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	97.257
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	102.761
	Tl	205	
	Pb	208	



Calibration

Analyte	MassCurve Type	Correlation Coefficient
> Be	9Linear Thru Zero	0.999996
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	0.999999
Cr	53Linear Thru Zero	1.000000
Mn	55Linear Thru Zero	1.000000
Ni	60Linear Thru Zero	0.999997
Cu	63Linear Thru Zero	0.999999
Cu	65Linear Thru Zero	1.000000
Zn	66Linear Thru Zero	0.999992
Zn	67Linear Thru Zero	0.999949
Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999995
Se	77Linear Thru Zero	0.999988
Se	82Linear Thru Zero	1.000000
Ag	107Linear Thru Zero	0.999991
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	1.000000
Sb	123Linear Thru Zero	0.999999
Ba	135Linear Thru Zero	0.999893
Ba	137Linear Thru Zero	0.999983
> Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999979
Pb	208Linear Thru Zero	0.999949

Method 200.8 - Summary Report

Sample ID: LFB 50 PPB

Sample Date/Time: Tuesday, January 29, 2002 14:09:24

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\LFB 50 PPB.009

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	31652.998	1.260	0.040	48.77169	4.44	ug/L
>	Sc-1	45	795685.501	3.273	795685.501			ug/L
	Cr	52	705379.630	2.757	0.874	48.84377	5.98	ug/L
	Cr	53	80706.195	1.680	0.101	48.17559	2.30	ug/L
	Mn	55	1114100.363	0.428	1.400	49.28269	3.38	ug/L
	Ni	60	175774.558	1.992	0.221	47.62886	4.32	ug/L
	Cu	63	411744.824	1.818	0.515	48.47145	2.37	ug/L
	Cu	65	204808.107	2.674	0.257	48.66217	5.86	ug/L
	Zn	66	132295.470	2.809	0.920	50.46839	2.26	ug/L
	Zn	67	23277.670	1.919	0.162	50.98727	2.56	ug/L
	Zn	68	96366.366	0.568	0.671	50.64903	0.31	ug/L
>	Ge	72	139717.885	0.616	139717.885			ug/L
	As	75	129715.464	1.346	0.918	48.64266	1.92	ug/L
	Se	77	10782.503	3.434	0.076	46.89963	2.87	ug/L
	Se	82	14860.621	1.842	0.101	47.61850	1.69	ug/L
	Ag	107	709180.980	1.108	0.411	49.78824	0.28	ug/L
>	In	115	1722788.615	1.124	1722788.615			ug/L
	Sb	121	499531.248	2.301	0.290	46.88137	1.18	ug/L
	Sb	123	379288.977	1.741	0.220	46.35162	2.85	ug/L
	Ba	135	171493.522	0.705	0.066	51.19348	4.59	ug/L
	Ba	137	298792.079	1.435	0.114	51.13710	5.64	ug/L
>	Ho	165	2592039.951	4.406	2592039.951			ug/L
	Tl	205	1907873.928	3.364	0.737	46.61457	6.14	ug/L
	Pb	208	2842757.389	0.689	1.092	52.81072	4.20	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		94.493			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: LFB 50 PPB

Report Date/Time: Tuesday, January 29, 2002 14:10:56

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.993
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	95.699
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.552
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999996
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: LFB 50 PPB

Report Date/Time: Tuesday, January 29, 2002 14:10:56

Page 2

Method 200.8 - Summary Report

Sample ID: LRB

Sample Date/Time: Tuesday, January 29, 2002 14:15:32

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\LRB.010

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	18.334	16.664	0.000	0.00472	89.26	ug/L
>	Sc-1	45	787237.825	2.345	787237.825			ug/L
	Cr	52	10579.259	1.987	-0.000	-0.02376	87.56	ug/L
	Cr	53	567.023	6.359	-0.000	-0.06543	40.49	ug/L
	Mn	55	1205.759	3.261	0.000	0.00041	275.91	ug/L
	Ni	60	433.681	2.530	0.000	0.01042	32.29	ug/L
	Cu	63	1947.895	6.507	0.000	0.01130	94.72	ug/L
	Cu	65	960.060	3.717	0.000	0.00407	329.95	ug/L
	Zn	66	3515.048	1.130	-0.001	-0.06825	26.50	ug/L
	Zn	67	597.026	4.107	-0.000	-0.02593	335.32	ug/L
	Zn	68	2571.057	5.516	-0.001	-0.03783	282.41	ug/L
>	Ge	72	140221.950	2.425	140221.950			ug/L
	As	75	1535.095	9.674	0.000	0.01320	426.42	ug/L
	Se	77	157.003	12.787	-0.000	-0.08294	100.45	ug/L
	Se	82	684.366	5.717	0.000	0.00919	1361.82	ug/L
	Ag	107	587.692	13.354	0.000	0.01852	32.20	ug/L
>	In	115	1770129.036	1.394	1770129.036			ug/L
	Sb	121	234.005	3.419	0.000	0.01543	6.64	ug/L
	Sb	123	190.672	12.898	0.000	0.01649	16.94	ug/L
	Ba	135	1566.484	0.977	-0.000	-0.02424	62.97	ug/L
	Ba	137	2680.422	3.628	-0.000	-0.04377	62.11	ug/L
>	Ho	165	2622362.514	2.457	2622362.514			ug/L
	Tl	205	699.701	5.409	-0.000	-0.02274	4.36	ug/L
	Pb	208	13797.534	3.608	-0.001	-0.05286	28.83	ug/L

QC Calculated Values

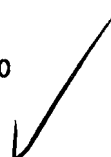
	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		93.490			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: LRB

Report Date/Time: Tuesday, January 29, 2002 14:17:04

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.336
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	98.329
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	102.740
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: LRB

Report Date/Time: Tuesday, January 29, 2002 14:17:04

Page 2

Method 200.8 - Summary Report

Sample ID: AE01796

Sample Date/Time: Tuesday, January 29, 2002 14:19:48

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01796.011

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	14.000	21.429	-0.000	-0.00291	152.20	ug/L
> Sc-1	45	822398.243	1.140	822398.243			ug/L
Cr	52	16041.643	2.992	0.006	0.31551	14.18	ug/L
Cr	53	1111.079	5.302	0.000	0.23611	11.50	ug/L
Mn	55	630419.882	1.240	0.765	26.94193	2.37	ug/L
Ni	60	1569.485	3.110	0.001	0.30344	2.70	ug/L
Cu	63	8914.792	1.726	0.008	0.79825	1.24	ug/L
Cu	65	4223.691	3.337	0.004	0.74709	5.78	ug/L
Zn	66	4033.268	0.834	0.002	0.10075	15.88	ug/L
Zn	67	837.380	3.083	0.002	0.47220	17.55	ug/L
Zn	68	3648.436	3.179	0.007	0.49893	11.24	ug/L
> Ge	72	143262.237	1.431	143262.237			ug/L
As	75	2804.156	6.625	0.009	0.47058	15.55	ug/L
Se	77	216.005	15.843	0.000	0.15595	86.84	ug/L
Se	82	811.044	5.219	0.001	0.37588	40.05	ug/L
Ag	107	223.338	6.601	-0.000	-0.00638	11.73	ug/L
> In	115	1761212.439	1.707	1761212.439			ug/L
Sb	121	663.698	1.908	0.000	0.05498	0.32	ug/L
Sb	123	504.148	2.252	0.000	0.05410	3.39	ug/L
Ba	135	47898.672	0.888	0.018	13.96396	2.71	ug/L
Ba	137	83144.663	0.794	0.031	13.88341	2.91	ug/L
> Ho	165	2586094.123	2.050	2586094.123			ug/L
Tl	205	862.050	9.042	-0.000	-0.01852	11.85	ug/L
Pb	208	5470.704	3.793	-0.004	-0.20526	2.36	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		97.665			
Cr	52					
Cr	53					
Mn	55					
Ni	60					

Sample ID: AE01796

Report Date/Time: Tuesday, January 29, 2002 14:21:19

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	97.403
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	97.834
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.319
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01796

Report Date/Time: Tuesday, January 29, 2002 14:21:19

Page 2

Method 200.8 - Summary Report

Sample ID: AE01796

Sample Date/Time: Tuesday, January 29, 2002 14:23:25

Sample Type: Spike - 1

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01796.012

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	32565.273	3.885	0.042	51.00581	6.83	ug/L
>	Sc-1	45	783102.071	3.302	783102.071			ug/L
	Cr	52	692195.497	0.995	0.871	48.68122	4.31	ug/L
	Cr	53	80202.391	1.134	0.102	48.67518	4.51	ug/L
	Mn	55	1728320.102	1.833	2.206	77.68670	2.11	ug/L
	Ni	60	173372.457	4.134	0.221	47.77175	7.50	ug/L
	Cu	63	416225.102	2.450	0.529	49.78656	2.11	ug/L
	Cu	65	201413.337	2.529	0.256	48.62538	5.90	ug/L
	Zn	66	144707.070	0.526	1.005	55.11522	2.19	ug/L
	Zn	67	24958.136	1.751	0.174	54.52818	1.88	ug/L
	Zn	68	103189.176	1.963	0.717	54.11921	3.62	ug/L
>	Ge	72	140315.158	1.680	140315.158			ug/L
	As	75	144167.006	2.394	1.017	53.91337	4.15	ug/L
	Se	77	13373.303	3.145	0.094	58.10027	1.57	ug/L
	Se	82	17985.957	1.547	0.123	57.87697	3.25	ug/L
	Ag	107	719028.977	1.694	0.421	50.97289	4.99	ug/L
>	In	115	1708060.939	3.404	1708060.939			ug/L
	Sb	121	560907.390	1.442	0.329	53.12985	2.63	ug/L
	Sb	123	438148.436	0.904	0.257	54.03405	3.23	ug/L
	Ba	135	208551.434	2.956	0.081	63.42073	1.41	ug/L
	Ba	137	370566.423	2.682	0.145	64.63644	4.06	ug/L
>	Ho	165	2545411.934	1.763	2545411.934			ug/L
	Tl	205	2016209.509	4.245	0.792	50.10366	4.66	ug/L
	Pb	208	2691942.387	0.713	1.051	50.86504	2.28	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9			102.017		
>	Sc-1	45		92.999			
	Cr	52			96.731		
	Cr	53			96.878		
	Mn	55			101.490		
	Ni	60			94.937		

Sample ID: AE01796

Report Date/Time: Tuesday, January 29, 2002 14:24:57

Page 1

	Cu	63		97.977
	Cu	65		95.757
	Zn	66		110.029
	Zn	67		108.112
	Zn	68		107.241
>	Ge	72	95.399	
	As	75		106.886
	Se	77		115.889
	Se	82		115.002
	Ag	107		101.959
>	In	115	94.881	
	Sb	121		106.150
	Sb	123		107.960
	Ba	135		98.914
	Ba	137		101.506
>	Ho	165	99.725	
	Tl	205		100.244
	Pb	208		102.141

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero
>	Sc-1	45Linear Thru Zero
	Cr	52Linear Thru Zero
	Cr	53Linear Thru Zero
	Mn	55Linear Thru Zero
	Ni	60Linear Thru Zero
	Cu	63Linear Thru Zero
	Cu	65Linear Thru Zero
	Zn	66Linear Thru Zero
	Zn	67Linear Thru Zero
	Zn	68Linear Thru Zero
>	Ge	72Linear Thru Zero
	As	75Linear Thru Zero
	Se	77Linear Thru Zero
	Se	82Linear Thru Zero
	Ag	107Linear Thru Zero
>	In	115Linear Thru Zero
	Sb	121Linear Thru Zero
	Sb	123Linear Thru Zero
	Ba	135Linear Thru Zero
	Ba	137Linear Thru Zero
>	Ho	165Linear Thru Zero
	Tl	205Linear Thru Zero
	Pb	208Linear Thru Zero

70-130

Sample ID: AE01796

Report Date/Time: Tuesday, January 29, 2002 14:24:57

Page 2

Method 200.8 - Summary Report

Sample ID: AE01796

Sample Date/Time: Tuesday, January 29, 2002 14:27:52

Sample Type: Spike - 1

Sample Description: MSD

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01796.013

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	33393.267	3.451	0.042	51.37451	3.62	ug/L
>	Sc-1	45	796230.320	1.385	796230.320			ug/L
	Cr	52	710487.068	0.525	0.879	49.10905	0.92	ug/L
	Cr	53	81981.937	2.252	0.102	48.89275	2.42	ug/L
	Mn	55	1741698.153	2.083	2.186	76.96859	1.88	ug/L
	Ni	60	175653.687	3.738	0.220	47.54146	4.83	ug/L
	Cu	63	414386.269	2.593	0.518	48.73593	3.00	ug/L
	Cu	65	203501.077	1.983	0.254	48.25328	0.90	ug/L
	Zn	66	142752.651	1.472	0.985	54.02805	3.58	ug/L
	Zn	67	25037.701	2.937	0.173	54.35612	1.05	ug/L
	Zn	68	103810.296	3.877	0.717	54.14122	6.13	ug/L
>	Ge	72	141167.671	2.131	141167.671			ug/L
	As	75	142421.355	2.458	0.999	52.93823	4.62	ug/L
	Se	77	13569.256	0.974	0.095	58.63809	3.18	ug/L
	Se	82	17912.151	2.877	0.122	57.28556	4.97	ug/L
	Ag	107	717683.892	3.132	0.423	51.17944	4.88	ug/L
>	In	115	1697115.073	2.053	1697115.073			ug/L
	Sb	121	573223.030	0.051	0.338	54.63207	2.01	ug/L
	Sb	123	438758.605	2.449	0.258	54.41884	1.05	ug/L
	Ba	135	210901.756	3.267	0.080	62.53321	3.93	ug/L
	Ba	137	373293.771	0.556	0.142	63.45068	2.40	ug/L
>	Ho	165	2611673.209	2.626	2611673.209			ug/L
	Tl	205	2052321.987	6.319	0.785	49.66889	4.24	ug/L
	Pb	208	2634447.101	2.332	1.003	48.52125	4.35	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9			102.755		
>	Sc-1	45		94.558			
	Cr	52			97.587		
	Cr	53			97.313		
	Mn	55			100.053		
	Ni	60			94.476		

Sample ID: AE01796

Report Date/Time: Tuesday, January 29, 2002 14:29:24

Page 1

	Cu	63		95.875
	Cu	65		95.012
	Zn	66		107.855
	Zn	67		107.768
	Zn	68		107.285
>	Ge	72	95.979	
	As	75		104.935
	Se	77		116.964
	Se	82		113.819
	Ag	107		102.372
>	In	115	94.273	
	Sb	121		109.154
	Sb	123		108.729
	Ba	135		97.138
	Ba	137		99.135
>	Ho	165	102.321	
	Tl	205		99.375
	Pb	208		97.453

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999996
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999999
	Cr 53Linear Thru Zero	1.000000
	Mn 55Linear Thru Zero	1.000000
	Ni 60Linear Thru Zero	0.999997
	Cu 63Linear Thru Zero	0.999999
	Cu 65Linear Thru Zero	1.000000
	Zn 66Linear Thru Zero	0.999992
	Zn 67Linear Thru Zero	0.999949
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999988
	Se 82Linear Thru Zero	1.000000
	Ag 107Linear Thru Zero	0.999991
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	1.000000
	Sb 123Linear Thru Zero	0.999999
	Ba 135Linear Thru Zero	0.999893
	Ba 137Linear Thru Zero	0.999983
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999979
	Pb 208Linear Thru Zero	0.999949

Sample ID: AE01796

Report Date/Time: Tuesday, January 29, 2002 14:29:24

Page 2

Method 200.8 - Summary Report

Sample ID: AE01797

Sample Date/Time: Tuesday, January 29, 2002 14:31:51

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01797.014

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	15.333	9.962	-0.000	-0.00035	574.40	ug/L
> Sc-1	45	801910.453	1.576	801910.453			ug/L
Cr	52	14202.896	1.372	0.004	0.21514	12.75	ug/L
Cr	53	1242.097	3.280	0.001	0.33109	6.81	ug/L
Mn	55	613409.276	2.283	0.764	26.89034	3.79	ug/L
Ni	60	1382.786	2.529	0.001	0.26391	5.58	ug/L
Cu	63	8246.154	1.372	0.008	0.74592	0.36	ug/L
Cu	65	4077.956	2.689	0.004	0.73753	5.06	ug/L
Zn	66	2023.913	6.645	-0.012	-0.65810	8.41	ug/L
Zn	67	552.689	7.129	-0.000	-0.13713	63.30	ug/L
Zn	68	2157.278	2.203	-0.004	-0.27197	11.14	ug/L
> Ge	72	141411.441	0.431	141411.441			ug/L
As	75	2828.359	3.096	0.009	0.49300	7.30	ug/L
Se	77	245.339	1.026	0.000	0.29755	2.14	ug/L
Se	82	795.709	2.319	0.001	0.35931	20.06	ug/L
Ag	107	592.692	6.028	0.000	0.01973	13.45	ug/L
> In	115	1730723.400	0.401	1730723.400			ug/L
Sb	121	1034.736	4.705	0.001	0.09073	4.94	ug/L
Sb	123	775.297	4.496	0.000	0.08813	4.75	ug/L
Ba	135	47626.576	0.733	0.018	13.76425	4.31	ug/L
Ba	137	82533.444	0.196	0.031	13.66067	4.37	ug/L
> Ho	165	2609338.318	3.928	2609338.318			ug/L
Tl	205	989.397	9.213	-0.000	-0.01560	16.42	ug/L
Pb	208	5756.113	6.700	-0.004	-0.20088	3.29	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		95.232			
Cr	52					
Cr	53					
Mn	55					
Ni	60					

Sample ID: AE01797

Report Date/Time: Tuesday, January 29, 2002 14:33:22

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	96.145
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	96.140
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	102.230
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01797

Report Date/Time: Tuesday, January 29, 2002 14:33:22

Page 2

Method 200.8 - Summary Report

Sample ID: AE01798

Sample Date/Time: Tuesday, January 29, 2002 14:35:28

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01798.015

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	18.667	11.152	0.000	0.00585	61.64	ug/L
>	Sc-1	45	772961.261	1.038	772961.261			ug/L
	Cr	52	15801.222	3.438	0.007	0.36788	13.76	ug/L
	Cr	53	1504.473	1.941	0.001	0.52145	4.04	ug/L
	Mn	55	553526.119	4.884	0.715	25.17096	5.91	ug/L
	Ni	60	1471.134	3.407	0.001	0.30238	4.29	ug/L
	Cu	63	62586.685	1.384	0.079	7.39507	1.79	ug/L
	Cu	65	30886.364	1.712	0.039	7.35393	2.82	ug/L
	Zn	66	8331.236	3.988	0.033	1.82647	6.63	ug/L
	Zn	67	1518.809	4.668	0.007	2.05105	8.29	ug/L
	Zn	68	6557.430	1.130	0.028	2.11997	2.32	ug/L
>	Ge	72	139705.680	0.314	139705.680			ug/L
	As	75	2747.109	4.546	0.009	0.47512	10.47	ug/L
	Se	77	225.338	5.724	0.000	0.22212	24.64	ug/L
	Se	82	741.371	4.052	0.000	0.20907	51.75	ug/L
	Ag	107	613.360	6.825	0.000	0.02121	12.86	ug/L
>	In	115	1728837.954	0.533	1728837.954			ug/L
	Sb	121	737.037	3.208	0.000	0.06299	3.93	ug/L
	Sb	123	580.317	0.447	0.000	0.06449	0.47	ug/L
	Ba	135	47365.556	1.197	0.017	13.61684	3.28	ug/L
	Ba	137	82497.825	1.221	0.030	13.58506	3.33	ug/L
>	Ho	165	2620493.049	2.172	2620493.049			ug/L
	Tl	205	860.383	10.520	-0.000	-0.01887	10.53	ug/L
	Pb	208	11834.463	1.995	-0.002	-0.08915	2.04	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		91.794			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01798

Report Date/Time: Tuesday, January 29, 2002 14:37:00

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.985
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	96.035
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	102.667
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01798

Report Date/Time: Tuesday, January 29, 2002 14:37:00

Page 2

Method 200.8 - Summary Report

Sample ID: AE01799

Sample Date/Time: Tuesday, January 29, 2002 14:39:05

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01799.016

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	19.000	18.977	0.000	0.00648	94.83	ug/L
>	Sc-1	45	771269.283	1.974	771269.283			ug/L
	Cr	52	17020.433	3.212	0.008	0.45842	7.01	ug/L
	Cr	53	1775.525	2.909	0.001	0.69159	2.16	ug/L
	Mn	55	708318.873	2.517	0.917	32.28749	2.67	ug/L
	Ni	60	1634.497	6.804	0.002	0.34947	11.09	ug/L
	Cu	63	41719.260	0.535	0.052	4.86750	1.75	ug/L
	Cu	65	20303.517	0.478	0.025	4.76784	2.54	ug/L
	Zn	66	4317.736	3.719	0.005	0.28212	26.49	ug/L
	Zn	67	894.386	6.183	0.002	0.68171	16.34	ug/L
	Zn	68	3776.157	5.283	0.009	0.65417	20.11	ug/L
>	Ge	72	137258.197	1.056	137258.197			ug/L
	As	75	2603.341	3.505	0.008	0.43814	7.91	ug/L
	Se	77	266.673	7.313	0.001	0.42645	22.21	ug/L
	Se	82	756.372	0.900	0.001	0.30460	5.94	ug/L
	Ag	107	232.005	0.431	-0.000	-0.00511	6.76	ug/L
>	In	115	1691800.805	1.649	1691800.805			ug/L
	Sb	121	655.364	4.113	0.000	0.05673	6.28	ug/L
	Sb	123	498.317	1.488	0.000	0.05584	1.72	ug/L
	Ba	135	47307.618	2.250	0.018	13.90701	4.10	ug/L
	Ba	137	83288.293	0.475	0.031	14.02590	1.48	ug/L
>	Ho	165	2564626.307	1.885	2564626.307			ug/L
	Tl	205	814.378	14.657	-0.000	-0.01956	13.79	ug/L
	Pb	208	10765.614	2.457	-0.002	-0.10458	1.82	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		91.593			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01799

Report Date/Time: Tuesday, January 29, 2002 14:40:37

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	93.321
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	93.978
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.478
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01799

Report Date/Time: Tuesday, January 29, 2002 14:40:37

Page 2

Method 200.8 - Summary Report

Sample ID: AE01800

Sample Date/Time: Tuesday, January 29, 2002 14:44:34

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01800.017

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	18.667	18.814	0.000	0.00495	111.83	ug/L
>	Sc-1	45	796769.547	1.735	796769.547			ug/L
	Cr	52	16088.400	4.142	0.006	0.35348	11.50	ug/L
	Cr	53	1782.860	5.606	0.001	0.66151	11.24	ug/L
	Mn	55	749768.770	2.583	0.939	33.07814	1.60	ug/L
	Ni	60	1826.202	2.387	0.002	0.38650	4.71	ug/L
	Cu	63	50550.999	0.624	0.061	5.74749	2.10	ug/L
	Cu	65	24353.165	2.456	0.029	5.57237	3.65	ug/L
	Zn	66	6109.117	5.263	0.018	1.00464	14.83	ug/L
	Zn	67	1137.416	1.446	0.004	1.24568	4.24	ug/L
	Zn	68	4970.742	0.076	0.017	1.31771	2.08	ug/L
>	Ge	72	136898.157	1.050	136898.157			ug/L
	As	75	2853.642	4.299	0.010	0.53775	9.15	ug/L
	Se	77	262.006	5.344	0.001	0.40839	16.99	ug/L
	Se	82	814.378	3.900	0.001	0.50956	15.52	ug/L
	Ag	107	188.337	8.730	-0.000	-0.00840	14.50	ug/L
>	In	115	1712669.222	0.407	1712669.222			ug/L
	Sb	121	625.361	2.933	0.000	0.05309	2.99	ug/L
	Sb	123	501.148	4.946	0.000	0.05543	5.40	ug/L
	Ba	135	45279.278	1.260	0.017	13.34155	1.98	ug/L
	Ba	137	79054.047	1.016	0.030	13.34423	2.31	ug/L
>	Ho	165	2554247.288	1.798	2554247.288			ug/L
	Tl	205	849.049	21.531	-0.000	-0.01857	25.59	ug/L
	Pb	208	12238.022	2.417	-0.002	-0.07579	10.45	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		94.622			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01800

Report Date/Time: Tuesday, January 29, 2002 14:46:06

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	93.076
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	95.137
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.072
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999996
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01800

Report Date/Time: Tuesday, January 29, 2002 14:46:06

Page 2

Method 200.8 - Summary Report

Sample ID: AE01801

Sample Date/Time: Tuesday, January 29, 2002 14:48:12

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01801.018

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	17.334	16.654	0.000	0.00352	140.55	ug/L
>	Sc-1	45	780026.777	2.662	780026.777			ug/L
	Cr	52	17323.673	2.935	0.008	0.46734	13.82	ug/L
	Cr	53	1863.543	4.913	0.002	0.73408	9.33	ug/L
	Mn	55	605909.986	0.528	0.776	27.30961	2.67	ug/L
	Ni	60	1535.812	8.210	0.001	0.31738	14.71	ug/L
	Cu	63	56999.766	2.300	0.071	6.65270	1.40	ug/L
	Cu	65	27185.883	2.940	0.034	6.39003	5.64	ug/L
	Zn	66	13041.481	2.220	0.068	3.72076	2.91	ug/L
	Zn	67	2243.633	0.532	0.012	3.72634	2.60	ug/L
	Zn	68	9850.769	3.113	0.052	3.94981	6.85	ug/L
>	Ge	72	138489.514	1.905	138489.514			ug/L
	As	75	2618.914	4.257	0.008	0.43555	11.79	ug/L
	Se	77	269.340	4.902	0.001	0.42786	16.90	ug/L
	Se	82	755.372	7.548	0.001	0.27976	76.96	ug/L
	Ag	107	175.003	7.494	-0.000	-0.00901	6.94	ug/L
>	In	115	1665868.407	2.558	1665868.407			ug/L
	Sb	121	616.694	6.500	0.000	0.05394	8.12	ug/L
	Sb	123	469.988	2.538	0.000	0.05323	3.07	ug/L
	Ba	135	50790.032	2.095	0.019	14.91700	2.87	ug/L
	Ba	137	90514.071	2.115	0.034	15.25595	6.31	ug/L
>	Ho	165	2573535.354	4.275	2573535.354			ug/L
	Tl	205	802.710	6.117	-0.000	-0.01987	7.25	ug/L
	Pb	208	14142.479	4.565	-0.001	-0.04115	55.18	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		92.633			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01801

Report Date/Time: Tuesday, January 29, 2002 14:49:44

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.158
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.537
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.827
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
Be	9Linear Thru Zero	0.999996
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	0.999999
Cr	53Linear Thru Zero	1.000000
Mn	55Linear Thru Zero	1.000000
Ni	60Linear Thru Zero	0.999997
Cu	63Linear Thru Zero	0.999999
Cu	65Linear Thru Zero	1.000000
Zn	66Linear Thru Zero	0.999992
Zn	67Linear Thru Zero	0.999949
Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999995
Se	77Linear Thru Zero	0.999988
Se	82Linear Thru Zero	1.000000
Ag	107Linear Thru Zero	0.999991
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	1.000000
Sb	123Linear Thru Zero	0.999999
Ba	135Linear Thru Zero	0.999893
Ba	137Linear Thru Zero	0.999983
> Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999979
Pb	208Linear Thru Zero	0.999949

Sample ID: AE01801

Report Date/Time: Tuesday, January 29, 2002 14:49:44

Page 2

Method 200.8 - Summary Report

Sample ID: AE01802

Sample Date/Time: Tuesday, January 29, 2002 14:51:49

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01802.019

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	18.000	14.699	0.000	0.00424	102.88	ug/L
>	Sc-1	45	788201.194	1.001	788201.194			ug/L
	Cr	52	16083.047	2.347	0.007	0.36535	4.93	ug/L
	Cr	53	1755.854	3.223	0.001	0.65636	6.84	ug/L
	Mn	55	437378.988	3.648	0.553	19.48551	3.69	ug/L
	Ni	60	1402.789	3.045	0.001	0.27578	5.12	ug/L
	Cu	63	44021.803	2.257	0.054	5.03292	3.28	ug/L
[	Cu	65	21293.125	1.701	0.026	4.89780	2.50	ug/L
	Zn	66	4448.466	2.598	0.006	0.30686	23.41	ug/L
	Zn	67	908.721	2.351	0.002	0.68226	2.57	ug/L
	Zn	68	3787.827	0.945	0.008	0.62725	5.14	ug/L
>	Ge	72	139445.894	1.546	139445.894			ug/L
	As	75	2602.951	4.200	0.008	0.42195	6.41	ug/L
	Se	77	247.006	4.669	0.001	0.32074	20.93	ug/L
[	Se	82	749.372	5.074	0.001	0.23967	39.79	ug/L
	Ag	107	179.670	7.264	-0.000	-0.00909	11.86	ug/L
>	In	115	1723557.327	2.010	1723557.327			ug/L
	Sb	121	612.360	4.303	0.000	0.05153	6.03	ug/L
[	Sb	123	486.104	10.199	0.000	0.05316	10.14	ug/L
	Ba	135	45294.358	1.475	0.017	12.99541	4.82	ug/L
	Ba	137	78966.693	2.010	0.029	12.96813	1.76	ug/L
>	Ho	165	2622897.755	3.320	2622897.755			ug/L
	Tl	205	781.041	2.371	-0.000	-0.02078	3.21	ug/L
[	Pb	208	8402.590	2.041	-0.003	-0.15253	4.32	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		93.604			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01802

Report Date/Time: Tuesday, January 29, 2002 14:53:21

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.808
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	95.742
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	102.761
	Tl	205	
	Pb	208	



Calibration

Analyte	MassCurve Type	Correlation Coefficient
> Be	9Linear Thru Zero	0.999996
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	0.999999
Cr	53Linear Thru Zero	1.000000
Mn	55Linear Thru Zero	1.000000
Ni	60Linear Thru Zero	0.999997
Cu	63Linear Thru Zero	0.999999
Cu	65Linear Thru Zero	1.000000
Zn	66Linear Thru Zero	0.999992
Zn	67Linear Thru Zero	0.999949
Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999995
Se	77Linear Thru Zero	0.999988
Se	82Linear Thru Zero	1.000000
Ag	107Linear Thru Zero	0.999991
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	1.000000
Sb	123Linear Thru Zero	0.999999
Ba	135Linear Thru Zero	0.999893
Ba	137Linear Thru Zero	0.999983
> Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999979
Pb	208Linear Thru Zero	0.999949

Sample ID: AE01802

Report Date/Time: Tuesday, January 29, 2002 14:53:21

Page 2

Method 200.8 - Summary Report

Sample ID: AE01910

Sample Date/Time: Tuesday, January 29, 2002 14:55:27

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01910.020

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	21.000	17.169	0.000	0.00870	57.32	ug/L
>	Sc-1	45	790930.461	2.240	790930.461			ug/L
	Cr	52	18155.636	2.882	0.009	0.50897	13.07	ug/L
	Cr	53	1780.192	3.668	0.001	0.66765	7.79	ug/L
	Mn	55	436645.931	5.082	0.551	19.40296	7.06	ug/L
	Ni	60	1340.779	6.901	0.001	0.25784	12.11	ug/L
	Cu	63	7944.886	3.723	0.008	0.72333	2.40	ug/L
[	Cu	65	3723.133	2.904	0.004	0.66617	6.96	ug/L
	Zn	66	2104.265	1.428	-0.011	-0.60342	2.96	ug/L
	Zn	67	565.690	5.131	-0.000	-0.07230	71.22	ug/L
	Zn	68	2109.266	3.251	-0.004	-0.26492	17.30	ug/L
>	Ge	72	137441.621	1.156	137441.621			ug/L
	As	75	2724.326	2.594	0.009	0.48367	7.61	ug/L
	Se	77	259.673	8.683	0.001	0.39229	22.44	ug/L
	Se	82	812.044	3.145	0.001	0.49200	23.99	ug/L
[	Ag	107	413.014	2.855	0.000	0.00821	19.35	ug/L
>	In	115	1671842.310	2.993	1671842.310			ug/L
	Sb	121	561.690	5.167	0.000	0.04837	4.18	ug/L
[	Sb	123	433.113	1.791	0.000	0.04841	4.95	ug/L
	Ba	135	45721.221	3.241	0.017	13.60304	0.31	ug/L
	Ba	137	79997.378	2.512	0.031	13.64783	4.84	ug/L
>	Ho	165	2530731.594	2.942	2530731.594			ug/L
	Tl	205	747.372	17.598	-0.000	-0.02088	18.24	ug/L
[	Pb	208	6315.583	4.142	-0.004	-0.18680	3.94	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		93.928			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01910

Report Date/Time: Tuesday, January 29, 2002 14:56:58

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	93.446
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.869
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	99.150
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01910

Report Date/Time: Tuesday, January 29, 2002 14:56:58

Page 2

Method 200.8 - Summary Report

Sample ID: AE01911

Sample Date/Time: Tuesday, January 29, 2002 15:02:07

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01911.021

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	18.667	37.627	0.000	0.00623	193.66	ug/L
>	Sc-1	45	767406.680	2.693	767406.680			ug/L
	Cr	52	17739.145	3.082	0.009	0.51779	11.49	ug/L
	Cr	53	1835.538	6.575	0.002	0.73596	12.93	ug/L
	Mn	55	499021.041	5.781	0.648	22.82955	3.15	ug/L
	Ni	60	1385.120	5.882	0.001	0.28156	10.56	ug/L
	Cu	63	8164.081	2.765	0.008	0.77936	1.41	ug/L
	Cu	65	3866.861	0.926	0.004	0.72892	4.24	ug/L
	Zn	66	6046.404	1.378	0.018	0.97957	7.06	ug/L
	Zn	67	1163.753	4.572	0.004	1.30572	7.64	ug/L
	Zn	68	4900.371	4.564	0.017	1.28029	12.17	ug/L
>	Ge	72	136896.707	2.154	136896.707			ug/L
	As	75	2683.965	3.166	0.009	0.47190	3.81	ug/L
	Se	77	269.340	2.608	0.001	0.44120	3.24	ug/L
	Se	82	762.373	3.839	0.001	0.33194	24.93	ug/L
	Ag	107	369.011	3.823	0.000	0.00530	36.84	ug/L
>	In	115	1655610.024	3.512	1655610.024			ug/L
	Sb	121	592.692	8.880	0.000	0.05191	8.33	ug/L
	Sb	123	447.932	3.392	0.000	0.05079	1.17	ug/L
	Ba	135	45046.200	3.474	0.017	13.41467	3.16	ug/L
	Ba	137	80122.314	3.720	0.031	13.68432	5.23	ug/L
>	Ho	165	2527624.869	2.545	2527624.869			ug/L
	Tl	205	637.029	2.594	-0.000	-0.02367	3.19	ug/L
	Pb	208	4330.781	2.847	-0.005	-0.22468	1.80	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		91.135			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01911

Report Date/Time: Tuesday, January 29, 2002 15:03:38

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	93.075
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	91.968
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	99.029
	Tl	205	
	Pb	208	



Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999996
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999999
	Cr 53Linear Thru Zero	1.000000
	Mn 55Linear Thru Zero	1.000000
	Ni 60Linear Thru Zero	0.999997
	Cu 63Linear Thru Zero	0.999999
	Cu 65Linear Thru Zero	1.000000
	Zn 66Linear Thru Zero	0.999992
	Zn 67Linear Thru Zero	0.999949
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999988
	Se 82Linear Thru Zero	1.000000
	Ag 107Linear Thru Zero	0.999991
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	1.000000
	Sb 123Linear Thru Zero	0.999999
	Ba 135Linear Thru Zero	0.999893
	Ba 137Linear Thru Zero	0.999983
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999979
	Pb 208Linear Thru Zero	0.999949

Sample ID: AE01911

Report Date/Time: Tuesday, January 29, 2002 15:03:38

Page 2

Method 200.8 - Summary Report

Sample ID: AE01912

Sample Date/Time: Tuesday, January 29, 2002 15:05:44

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01912.022

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	17.667	48.141	0.000	0.00445	308.00	ug/L
>	Sc-1	45	767796.263	1.892	767796.263			ug/L
	Cr	52	17619.242	2.761	0.009	0.50779	7.52	ug/L
	Cr	53	2018.245	5.947	0.002	0.84887	10.57	ug/L
	Mn	55	494549.895	2.119	0.643	22.62683	1.53	ug/L
	Ni	60	1389.453	3.151	0.001	0.28232	5.81	ug/L
	Cu	63	31191.420	2.615	0.038	3.59992	2.32	ug/L
	Cu	65	14939.417	1.813	0.018	3.46523	3.88	ug/L
	Zn	66	4012.926	0.533	0.003	0.14530	23.48	ug/L
	Zn	67	892.719	0.763	0.002	0.65967	6.91	ug/L
	Zn	68	3477.700	2.368	0.006	0.47209	17.62	ug/L
>	Ge	72	138568.732	1.994	138568.732			ug/L
	As	75	2817.064	2.135	0.010	0.51033	0.40	ug/L
	Se	77	302.341	3.395	0.001	0.57458	12.20	ug/L
	Se	82	781.041	3.232	0.001	0.36327	12.25	ug/L
	Ag	107	384.345	9.458	0.000	0.00621	51.05	ug/L
>	In	115	1668234.926	2.762	1668234.926			ug/L
	Sb	121	570.690	7.845	0.000	0.04947	11.57	ug/L
	Sb	123	438.853	3.476	0.000	0.04922	3.92	ug/L
	Ba	135	45265.271	3.155	0.017	13.20986	0.96	ug/L
	Ba	137	80669.867	1.573	0.030	13.50593	3.91	ug/L
>	Ho	165	2577208.348	2.257	2577208.348			ug/L
	Tl	205	639.029	2.208	-0.000	-0.02393	2.88	ug/L
	Pb	208	7747.373	0.239	-0.003	-0.16216	2.16	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		91.181			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01912

Report Date/Time: Tuesday, January 29, 2002 15:07:16

Page 1

[	Cu	63	
[	Cu	65	
[	Zn	66	
[	Zn	67	
[	Zn	68	
>	Ge	72	94.212
[	As	75	
[	Se	77	
[	Se	82	
[	Ag	107	
>	In	115	92.669
[	Sb	121	
[	Sb	123	
[	Ba	135	
[	Ba	137	
>	Ho	165	100.971
[	Tl	205	
[	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
[	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
[	Cr	52Linear Thru Zero	0.999999
[	Cr	53Linear Thru Zero	1.000000
[	Mn	55Linear Thru Zero	1.000000
[	Ni	60Linear Thru Zero	0.999997
[	Cu	63Linear Thru Zero	0.999999
[	Cu	65Linear Thru Zero	1.000000
[	Zn	66Linear Thru Zero	0.999992
[	Zn	67Linear Thru Zero	0.999949
[	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
[	As	75Linear Thru Zero	0.999995
[	Se	77Linear Thru Zero	0.999988
[	Se	82Linear Thru Zero	1.000000
[	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
[	Sb	121Linear Thru Zero	1.000000
[	Sb	123Linear Thru Zero	0.999999
[	Ba	135Linear Thru Zero	0.999893
[	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
[	Tl	205Linear Thru Zero	0.999979
[	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01912

Report Date/Time: Tuesday, January 29, 2002 15:07:16

Page 2

Method 200.8 - Summary Report

Sample ID: CCV CAL BK

Sample Date/Time: Tuesday, January 29, 2002 15:11:41

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\CCV CAL BK.023

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	14.333	24.502	-0.000	-0.00063	912.57	ug/L
>	Sc-1	45	759795.035	0.659	759795.035			ug/L
	Cr	52	10138.755	2.847	-0.001	-0.02926	71.37	ug/L
	Cr	53	964.394	5.192	0.000	0.19734	18.05	ug/L
	Mn	55	1501.472	2.170	0.000	0.01607	10.55	ug/L
	Ni	60	409.680	9.802	0.000	0.00786	143.55	ug/L
	Cu	63	1824.535	2.686	0.000	0.00459	160.01	ug/L
	Cu	65	918.722	4.371	0.000	0.00195	587.23	ug/L
	Zn	66	3270.288	1.816	-0.002	-0.11298	34.32	ug/L
	Zn	67	595.359	5.665	0.000	0.02156	277.47	ug/L
	Zn	68	2341.325	3.875	-0.001	-0.11277	48.99	ug/L
>	Ge	72	134851.635	1.534	134851.635			ug/L
	As	75	1392.587	5.060	-0.000	-0.01999	99.44	ug/L
	Se	77	174.337	11.260	0.000	0.02368	328.90	ug/L
	Se	82	620.361	3.963	-0.000	-0.12305	42.72	ug/L
	Ag	107	239.006	3.835	-0.000	-0.00430	14.79	ug/L
>	In	115	1661045.320	3.067	1661045.320			ug/L
	Sb	121	82.335	16.490	0.000	0.00205	61.35	ug/L
	Sb	123	61.045	10.894	0.000	0.00155	41.75	ug/L
	Ba	135	1448.463	5.018	-0.000	-0.04848	51.81	ug/L
	Ba	137	2566.054	1.076	-0.000	-0.05246	19.12	ug/L
>	Ho	165	2557136.813	1.220	2557136.813			ug/L
	Tl	205	555.689	0.579	-0.000	-0.02588	0.92	ug/L
	Pb	208	13445.667	3.017	-0.001	-0.05322	17.46	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		90.231			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: CCV CAL BK

Report Date/Time: Tuesday, January 29, 2002 15:13:13

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	91.685
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.269
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.185
	Tl	205	
	Pb	208	



Calibration

Analyte	MassCurve Type	Correlation Coefficient
> Be	9Linear Thru Zero	0.999996
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	0.999999
Cr	53Linear Thru Zero	1.000000
Mn	55Linear Thru Zero	1.000000
Ni	60Linear Thru Zero	0.999997
Cu	63Linear Thru Zero	0.999999
Cu	65Linear Thru Zero	1.000000
Zn	66Linear Thru Zero	0.999992
Zn	67Linear Thru Zero	0.999949
Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999995
Se	77Linear Thru Zero	0.999988
Se	82Linear Thru Zero	1.000000
Ag	107Linear Thru Zero	0.999991
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	1.000000
Sb	123Linear Thru Zero	0.999999
Ba	135Linear Thru Zero	0.999893
Ba	137Linear Thru Zero	0.999983
> Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999979
Pb	208Linear Thru Zero	0.999949

Sample ID: CCV CAL BK

Report Date/Time: Tuesday, January 29, 2002 15:13:13

Page 2

Method 200.8 - Summary Report

Sample ID: CCV STD1 30 PPB

Sample Date/Time: Tuesday, January 29, 2002 15:16:05

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\CCV STD1 30 PPB.024

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	18655.674	5.044	0.024	29.76730	4.99	ug/L
>	Sc-1	45	767411.464	1.432	767411.464			ug/L
	Cr	52	416366.523	0.303	0.529	29.55792	1.49	ug/L
	Cr	53	47728.159	2.595	0.061	29.37168	2.91	ug/L
	Mn	55	658836.675	2.880	0.857	30.17628	2.77	ug/L
	Ni	60	102638.843	4.182	0.133	28.77799	4.96	ug/L
	Cu	63	243364.412	2.456	0.315	29.61255	3.22	ug/L
	Cu	65	117379.514	1.336	0.152	28.78869	0.97	ug/L
	Zn	66	77137.693	1.454	0.540	29.60673	3.24	ug/L
	Zn	67	13560.245	2.378	0.095	29.90115	0.79	ug/L
	Zn	68	56200.545	3.441	0.394	29.73343	5.38	ug/L
>	Ge	72	136258.422	1.655	136258.422			ug/L
	As	75	75960.433	0.715	0.547	28.98612	2.22	ug/L
	Se	77	6844.978	0.534	0.049	30.26758	1.73	ug/L
	Se	82	9360.244	1.395	0.064	29.95475	2.60	ug/L
	Ag	107	412799.188	4.005	0.247	29.87417	6.32	ug/L
>	In	115	1672418.950	2.344	1672418.950			ug/L
	Sb	121	314266.865	0.450	0.188	30.39612	2.76	ug/L
	Sb	123	241472.465	1.719	0.144	30.39410	1.31	ug/L
	Ba	135	97522.136	3.974	0.037	28.88992	4.58	ug/L
	Ba	137	172858.143	1.291	0.066	29.35034	1.82	ug/L
>	Ho	165	2590348.900	2.193	2590348.900			ug/L
	Tl	205	1187003.446	3.620	0.458	28.95666	1.57	ug/L
	Pb	208	1594162.300	2.574	0.609	29.47850	4.21	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		91.135			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: CCV STD1 30 PPB

Report Date/Time: Tuesday, January 29, 2002 15:17:36

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	92.641
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.901
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.486 ✓
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
Be	9Linear Thru Zero	0.999996
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	0.999999
Cr	53Linear Thru Zero	1.000000
Mn	55Linear Thru Zero	1.000000
Ni	60Linear Thru Zero	0.999997
Cu	63Linear Thru Zero	0.999999
Cu	65Linear Thru Zero	1.000000
Zn	66Linear Thru Zero	0.999992
Zn	67Linear Thru Zero	0.999949
Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999995
Se	77Linear Thru Zero	0.999988
Se	82Linear Thru Zero	1.000000
Ag	107Linear Thru Zero	0.999991
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	1.000000
Sb	123Linear Thru Zero	0.999999
Ba	135Linear Thru Zero	0.999893
Ba	137Linear Thru Zero	0.999983
> Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999979
Pb	208Linear Thru Zero	0.999949

Sample ID: CCV STD1 30 PPB

Report Date/Time: Tuesday, January 29, 2002 15:17:36

Page 2

Method 200.8 - Summary Report

Sample ID: CCV STD2 60 PPB

Sample Date/Time: Tuesday, January 29, 2002 15:19:42

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\CCV STD2 60 PPB.025

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	36808.741	1.040	0.049	59.67058	3.59	ug/L
>	Sc-1	45	756097.850	2.681	756097.850			ug/L
	Cr	52	809648.338	2.082	1.058	59.13239	4.67	ug/L
	Cr	53	92941.875	2.920	0.122	58.44394	0.63	ug/L
	Mn	55	1292856.300	1.549	1.710	60.19672	4.15	ug/L
	Ni	60	204006.872	1.220	0.269	58.17670	3.02	ug/L
	Cu	63	467848.326	1.111	0.617	57.99816	2.10	ug/L
	Cu	65	233271.125	3.645	0.308	58.36032	6.15	ug/L
	Zn	66	150388.680	3.155	1.095	60.01925	2.95	ug/L
	Zn	67	26533.278	2.437	0.193	60.78519	2.98	ug/L
	Zn	68	109661.600	1.209	0.799	60.29066	0.81	ug/L
>	Ge	72	134151.584	0.554	134151.584			ug/L
	As	75	151265.177	1.257	1.117	59.19338	0.80	ug/L
	Se	77	13263.807	2.812	0.098	60.30771	2.50	ug/L
	Se	82	17863.722	2.829	0.128	60.18899	2.58	ug/L
	Ag	107	819962.369	2.449	0.493	59.62450	2.62	ug/L
>	In	115	1663465.030	0.277	1663465.030			ug/L
	Sb	121	625728.775	2.683	0.376	60.82843	2.84	ug/L
	Sb	123	477234.726	1.989	0.287	60.39179	2.15	ug/L
	Ba	135	193380.163	0.955	0.074	57.41887	3.11	ug/L
	Ba	137	337838.859	1.257	0.129	57.49969	3.40	ug/L
>	Ho	165	2606786.227	3.159	2606786.227			ug/L
	Tl	205	2442460.832	5.690	0.937	59.27397	5.50	ug/L
	Pb	208	3111256.056	1.592	1.188	57.45454	2.49	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		89.792			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: CCV STD2 60 PPB

Report Date/Time: Tuesday, January 29, 2002 15:21:14

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	91.209
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.404
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	102.130
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
[>	Be	9Linear Thru Zero	0.999996
	Sc-1	45Linear Thru Zero	
[>	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
[>	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
[>	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
[>	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
[>	Zn	68Linear Thru Zero	0.999995
	Ge	72Linear Thru Zero	
[>	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
[>	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
[>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
[>	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
[>	Ba	137Linear Thru Zero	0.999983
	Ho	165Linear Thru Zero	
[>	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: CCV STD2 60 PPB

Report Date/Time: Tuesday, January 29, 2002 15:21:14

Page 2

Method 200.8 - Summary Report

Sample ID: AE01913

Sample Date/Time: Tuesday, January 29, 2002 15:23:51

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01913.026

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	22.667	29.375	0.000	0.01209	91.99	ug/L
>	Sc-1	45	777112.696	1.594	777112.696			ug/L
	Cr	52	33777.656	2.044	0.030	1.65528	4.84	ug/L
	Cr	53	3232.941	4.652	0.003	1.58119	5.13	ug/L
	Mn	55	1110385.655	4.166	1.427	50.24313	2.61	ug/L
	Ni	60	6951.727	2.253	0.008	1.82343	3.41	ug/L
	Cu	63	170818.406	2.791	0.217	20.45282	2.03	ug/L
	Cu	65	84269.644	1.113	0.107	20.34822	2.51	ug/L
	Zn	66	68671.433	1.193	0.491	26.93837	3.84	ug/L
	Zn	67	10478.141	1.881	0.075	23.44137	1.97	ug/L
	Zn	68	49491.899	2.393	0.354	26.75289	5.68	ug/L
>	Ge	72	132761.005	3.197	132761.005			ug/L
	As	75	2793.019	2.516	0.010	0.54818	4.16	ug/L
	Se	77	455.349	7.791	0.002	1.34587	13.10	ug/L
	Se	82	925.390	2.383	0.002	0.99028	6.52	ug/L
	Ag	107	1009.401	20.389	0.000	0.05196	28.43	ug/L
>	In	115	1658232.408	2.636	1658232.408			ug/L
	Sb	121	576.691	2.354	0.000	0.05030	3.36	ug/L
	Sb	123	442.350	9.395	0.000	0.05000	10.60	ug/L
	Ba	135	30869.653	2.551	0.011	8.87885	1.93	ug/L
	Ba	137	53113.970	2.529	0.020	8.74339	3.76	ug/L
>	Ho	165	2570304.515	1.564	2570304.515			ug/L
	Tl	205	1314.442	3.806	-0.000	-0.00728	11.20	ug/L
	Pb	208	10662.873	2.696	-0.002	-0.10688	7.15	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		92.287			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01913

Report Date/Time: Tuesday, January 29, 2002 15:25:22

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	90.263
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.113
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.701
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01913

Report Date/Time: Tuesday, January 29, 2002 15:25:22

Page 2

Method 200.8 - Summary Report

Sample ID: AE01913

Sample Date/Time: Tuesday, January 29, 2002 15:27:36

Sample Type: Spike - 1

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01913.027

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Se

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	31700.184	2.718	0.040	49.00064	5.91	ug/L
>	Sc-1	45	793409.699	3.292	793409.699			ug/L
	Cr	52	674913.938	0.558	0.837	46.81217	3.57	ug/L
	Cr	53	79242.007	0.987	0.099	47.44660	3.63	ug/L
	Mn	55	2172314.079	1.794	2.737	96.38180	1.59	ug/L
	Ni	60	166910.857	3.499	0.210	45.37893	6.65	ug/L
	Cu	63	532081.444	4.174	0.668	62.84704	1.49	ug/L
	Cu	65	265076.101	1.316	0.333	63.21130	4.48	ug/L
	Zn	66	194826.113	1.584	1.449	79.44977	0.32	ug/L
	Zn	67	32411.676	1.618	0.241	75.75403	0.46	ug/L
	Zn	68	140986.507	1.962	1.049	79.21603	3.80	ug/L
>	Ge	72	132056.070	1.820	132056.070			ug/L
	As	75	141997.140	2.794	1.065	56.44436	3.97	ug/L
	Se	77	13045.820	1.746	0.098	60.26155	0.63	ug/L
	Se	82	17604.206	1.322	0.128	60.27511	2.31	ug/L
	Ag	107	623398.640	3.471	0.377	45.59255	5.37	ug/L
>	In	115	1655033.718	2.813	1655033.718			ug/L
	Sb	121	545336.432	0.475	0.330	53.30462	2.36	ug/L
	Sb	123	421904.207	1.572	0.255	53.67256	1.26	ug/L
	Ba	135	187564.639	2.750	0.072	56.54309	1.61	ug/L
	Ba	137	320877.919	1.950	0.124	55.48501	5.17	ug/L
>	Ho	165	2566080.766	3.190	2566080.766			ug/L
	Tl	205	1853957.815	1.570	0.722	45.71995	3.78	ug/L
	Pb	208	2570651.637	2.313	0.996	48.19800	4.83	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9			97.977		
>	Sc-1	45		94.223			
	Cr	52			90.314		
	Cr	53			91.731		
	Mn	55			92.277		
	Ni	60			87.111		

Sample ID: AE01913

Report Date/Time: Tuesday, January 29, 2002 15:29:07

Page 1

	Cu	63		84.788
	Cu	65		85.726
	Zn	66		105.023
	Zn	67		104.625
	Zn	68		104.926
>	Ge	72	89.784	
	As	75		111.792
	Se	77		117.831
	Se	82		118.570
	Ag	107		91.081
>	In	115	91.936	
	Sb	121		106.509
	Sb	123		107.245
	Ba	135		95.328
	Ba	137		93.483
>	Ho	165	100.535	
	Tl	205		91.454
	Pb	208		96.610

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999996
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999999
	Cr 53Linear Thru Zero	1.000000
	Mn 55Linear Thru Zero	1.000000
	Ni 60Linear Thru Zero	0.999997
	Cu 63Linear Thru Zero	0.999999
	Cu 65Linear Thru Zero	1.000000
	Zn 66Linear Thru Zero	0.999992
	Zn 67Linear Thru Zero	0.999949
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999988
	Se 82Linear Thru Zero	1.000000
	Ag 107Linear Thru Zero	0.999991
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	1.000000
	Sb 123Linear Thru Zero	0.999999
	Ba 135Linear Thru Zero	0.999893
	Ba 137Linear Thru Zero	0.999983
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999979
	Pb 208Linear Thru Zero	0.999949

70-130

Sample ID: AE01913

Report Date/Time: Tuesday, January 29, 2002 15:29:07

Page 2

Method 200.8 - Summary Report

Sample ID: AE01913

Sample Date/Time: Tuesday, January 29, 2002 15:30:48

Sample Type: Spike - 1

Sample Description: MSD

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01913.028

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Se

Concentration Results

Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
Be	9	31411.159	1.285	0.040	48.42262	3.18	ug/L
> Sc-1	45	794901.607	2.422	794901.607			ug/L
Cr	52	679558.544	2.114	0.842	47.04270	4.22	ug/L
Cr	53	79705.793	2.175	0.099	47.60456	1.36	ug/L
Mn	55	2204841.201	2.271	2.774	97.66452	4.06	ug/L
Ni	60	169030.288	0.180	0.212	45.82076	2.29	ug/L
Cu	63	537315.083	0.874	0.674	63.37460	1.81	ug/L
Cu	65	260460.826	1.341	0.327	61.96606	3.72	ug/L
Zn	66	194180.799	3.098	1.441	78.99747	3.90	ug/L
Zn	67	31875.488	3.733	0.236	74.27718	2.90	ug/L
Zn	68	141322.215	1.496	1.049	79.18279	2.25	ug/L
> Ge	72	132381.606	0.952	132381.606			ug/L
As	75	141889.402	0.789	1.061	56.24624	1.76	ug/L
Se	77	13358.609	1.407	0.100	61.57830	2.28	ug/L
Se	82	17533.741	2.500	0.128	59.87125	3.56	ug/L
Ag	107	602982.179	8.229	0.374	45.24940	8.62	ug/L
> In	115	1612001.141	0.386	1612001.141			ug/L
Sb	121	546313.235	1.976	0.339	54.80482	2.36	ug/L
Sb	123	427775.979	2.256	0.265	55.85670	1.87	ug/L
Ba	135	188805.071	1.810	0.072	56.21100	4.30	ug/L
Ba	137	329748.267	0.713	0.126	56.25961	3.14	ug/L
> Ho	165	2599614.774	2.599	2599614.774			ug/L
Tl	205	1904663.890	4.210	0.733	46.37668	6.32	ug/L
Pb	208	2525189.986	0.528	0.965	46.70487	2.85	ug/L

QC Calculated Values

Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
Be	9			96.821		
> Sc-1	45		94.400			
Cr	52			90.775		
Cr	53			92.047		
Mn	55			94.843		
Ni	60			87.995		

Sample ID: AE01913

Report Date/Time: Tuesday, January 29, 2002 15:32:19

Page 1

	Cu	63		85.844
	Cu	65		83.236
	Zn	66		104.118
	Zn	67		101.672
	Zn	68		104.860
>	Ge	72	90.005	
	As	75		111.396
	Se	77		120.465
	Se	82		117.762
	Ag	107		90.395
>	In	115	89.545	
	Sb	121		109.509
	Sb	123		111.613
	Ba	135		94.664
	Ba	137		95.032
>	Ho	165	101.849 ✓	
	Tl	205		92.768
	Pb	208		93.624

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01913

Report Date/Time: Tuesday, January 29, 2002 15:32:19

Page 2

Method 200.8 - Summary Report

Sample ID: AE01914

Sample Date/Time: Tuesday, January 29, 2002 15:34:47

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01914.029

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	24.667	24.771	0.000	0.01529	58.57	ug/L
>	Sc-1	45	771457.591	2.095	771457.591			ug/L
	Cr	52	18215.079	0.591	0.010	0.54517	6.55	ug/L
	Cr	53	2004.575	3.877	0.002	0.83432	8.01	ug/L
	Mn	55	380272.804	9.715	0.492	17.31361	10.47	ug/L
	Ni	60	1437.795	5.666	0.001	0.29383	6.95	ug/L
	Cu	63	48720.030	1.037	0.061	5.72053	2.50	ug/L
	Cu	65	23880.244	2.682	0.030	5.64841	4.98	ug/L
	Zn	66	7961.900	3.246	0.032	1.75399	6.40	ug/L
	Zn	67	1413.124	6.445	0.006	1.88607	10.80	ug/L
	Zn	68	6305.917	2.742	0.027	2.06277	5.23	ug/L
>	Ge	72	136558.032	0.394	136558.032			ug/L
	As	75	2790.395	3.757	0.010	0.51596	8.54	ug/L
	Se	77	294.341	2.313	0.001	0.55744	6.37	ug/L
	Se	82	791.709	4.974	0.001	0.43955	33.13	ug/L
	Ag	107	608.360	9.958	0.000	0.02171	18.64	ug/L
>	In	115	1694440.448	0.984	1694440.448			ug/L
	Sb	121	662.697	3.907	0.000	0.05728	3.47	ug/L
	Sb	123	526.070	5.342	0.000	0.05919	6.13	ug/L
	Ba	135	46305.767	0.886	0.017	13.45212	2.70	ug/L
	Ba	137	80924.074	0.888	0.030	13.46577	1.86	ug/L
>	Ho	165	2592090.373	2.603	2592090.373			ug/L
	Tl	205	1009.400	9.406	-0.000	-0.01500	13.59	ug/L
	Pb	208	14197.808	2.107	-0.001	-0.04264	3.11	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		91.616			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01914

Report Date/Time: Tuesday, January 29, 2002 15:36:18

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	92.845
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	94.125
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.554
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01914

Report Date/Time: Tuesday, January 29, 2002 15:36:18

Page 2

Method 200.8 - Summary Report

Sample ID: AE01915

Sample Date/Time: Tuesday, January 29, 2002 15:37:33

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01915.030

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	15.333	9.962	0.000	0.00073	303.56	ug/L
>	Sc-1	45	766849.926	3.664	766849.926			ug/L
	Cr	52	18220.435	3.140	0.010	0.55432	12.34	ug/L
	Cr	53	2252.635	3.099	0.002	0.99825	9.60	ug/L
	Mn	55	589594.889	2.366	0.768	27.03295	2.95	ug/L
	Ni	60	1620.828	7.924	0.002	0.34897	14.69	ug/L
	Cu	63	51877.872	2.979	0.065	6.14398	2.50	ug/L
	Cu	65	25123.637	4.746	0.032	6.00025	8.82	ug/L
	Zn	66	5665.155	2.027	0.015	0.84184	1.12	ug/L
	Zn	67	1150.751	3.263	0.004	1.29584	9.67	ug/L
	Zn	68	4735.614	2.501	0.016	1.20617	3.74	ug/L
>	Ge	72	135953.753	2.333	135953.753			ug/L
	As	75	2962.450	3.446	0.011	0.58844	9.76	ug/L
	Se	77	314.009	1.459	0.001	0.65285	2.02	ug/L
	Se	82	812.711	1.263	0.001	0.52531	19.17	ug/L
	Ag	107	270.007	11.869	-0.000	-0.00195	118.75	ug/L
>	In	115	1653093.307	2.361	1653093.307			ug/L
	Sb	121	657.697	4.465	0.000	0.05836	2.34	ug/L
	Sb	123	543.193	3.283	0.000	0.06306	6.16	ug/L
	Ba	135	51808.742	1.326	0.020	15.39354	2.75	ug/L
	Ba	137	91661.666	3.160	0.035	15.62125	6.24	ug/L
>	Ho	165	2546133.345	3.604	2546133.345			ug/L
	Tl	205	957.393	2.037	-0.000	-0.01582	4.53	ug/L
	Pb	208	9590.753	1.909	-0.003	-0.12530	4.32	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		91.069			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01915

Report Date/Time: Tuesday, January 29, 2002 15:39:04

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	92.434
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	91.828
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	99.754
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01915

Report Date/Time: Tuesday, January 29, 2002 15:39:04

Page 2

Method 200.8 - Summary Report

Sample ID: AE01916

Sample Date/Time: Tuesday, January 29, 2002 15:40:20

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01916.031

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	12.333	51.493	-0.000	-0.00413	245.33	ug/L
>	Sc-1	45	769658.776	2.036	769658.776			ug/L
	Cr	52	17394.480	3.543	0.009	0.48809	6.65	ug/L
	Cr	53	2208.624	2.067	0.002	0.96407	5.33	ug/L
	Mn	55	249984.385	11.318	0.323	11.38242	11.14	ug/L
	Ni	60	1218.761	10.219	0.001	0.23348	15.45	ug/L
	Cu	63	115512.766	0.935	0.148	13.90071	2.99	ug/L
	Cu	65	56185.670	1.290	0.072	13.62674	3.38	ug/L
	Zn	66	7177.906	3.115	0.026	1.43392	10.83	ug/L
	Zn	67	1348.780	0.779	0.006	1.73128	4.07	ug/L
	Zn	68	5676.498	4.989	0.023	1.70954	12.84	ug/L
>	Ge	72	136908.916	2.245	136908.916			ug/L
	As	75	2787.270	5.317	0.010	0.51312	16.08	ug/L
	Se	77	311.008	3.951	0.001	0.63042	13.77	ug/L
	Se	82	817.378	4.528	0.001	0.52299	36.49	ug/L
	Ag	107	359.011	7.428	0.000	0.00402	44.01	ug/L
>	In	115	1688252.379	2.728	1688252.379			ug/L
	Sb	121	632.695	6.116	0.000	0.05473	9.31	ug/L
	Sb	123	483.438	7.531	0.000	0.05422	11.28	ug/L
	Ba	135	42227.281	1.497	0.016	12.20822	2.85	ug/L
	Ba	137	74660.839	2.223	0.028	12.36898	2.82	ug/L
>	Ho	165	2595328.968	2.722	2595328.968			ug/L
	Tl	205	883.386	19.236	-0.000	-0.01815	19.93	ug/L
	Pb	208	79298.451	1.541	0.024	1.17081	2.06	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		91.402			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01916

Report Date/Time: Tuesday, January 29, 2002 15:41:51

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	93.083
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	93.781
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.681
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999996
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01916

Report Date/Time: Tuesday, January 29, 2002 15:41:51

Page 2

Method 200.8 - Summary Report

Sample ID: AE01960

Sample Date/Time: Tuesday, January 29, 2002 15:43:06

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01960.032

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	16.334	24.744	0.000	0.00314	194.04	ug/L
>	Sc-1	45	741183.090	2.290	741183.090			ug/L
	Cr	52	16892.518	1.616	0.009	0.49910	4.80	ug/L
	Cr	53	1923.223	4.566	0.002	0.83202	6.65	ug/L
	Mn	55	491740.229	8.124	0.662	23.30190	7.35	ug/L
	Ni	60	1346.780	5.545	0.001	0.28406	9.42	ug/L
	Cu	63	8143.065	4.393	0.009	0.81183	3.33	ug/L
	Cu	65	4012.592	0.312	0.004	0.79988	3.15	ug/L
	Zn	66	2504.037	2.415	-0.008	-0.42381	4.31	ug/L
	Zn	67	641.362	2.213	0.000	0.13167	50.73	ug/L
	Zn	68	2468.693	3.217	-0.001	-0.03926	189.87	ug/L
>	Ge	72	134723.944	2.274	134723.944			ug/L
	As	75	2677.063	1.634	0.009	0.48664	8.40	ug/L
	Se	77	275.674	0.554	0.001	0.49028	5.57	ug/L
	Se	82	762.706	2.007	0.001	0.37674	28.40	ug/L
	Ag	107	242.006	1.431	-0.000	-0.00402	11.60	ug/L
>	In	115	1656051.818	2.368	1656051.818			ug/L
	Sb	121	602.026	7.464	0.000	0.05284	8.34	ug/L
	Sb	123	480.183	4.986	0.000	0.05492	7.21	ug/L
	Ba	135	45567.772	2.962	0.017	13.09164	1.43	ug/L
	Ba	137	78298.393	3.060	0.029	12.89227	6.15	ug/L
>	Ho	165	2618158.157	4.022	2618158.157			ug/L
	Tl	205	815.712	10.311	-0.000	-0.01985	13.68	ug/L
	Pb	208	6113.521	3.952	-0.004	-0.19444	4.55	ug/L

QC Calculated Values

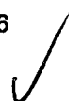
	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		88.020			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01960

Report Date/Time: Tuesday, January 29, 2002 15:44:38

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	91.598
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	91.992
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	102.576
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999996
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01960

Report Date/Time: Tuesday, January 29, 2002 15:44:38

Page 2

Method 200.8 - Summary Report

Sample ID: AE01961

Sample Date/Time: Tuesday, January 29, 2002 15:46:01

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01961.033

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	9.000	29.397	-0.000	-0.00900	52.33	ug/L
>	Sc-1	45	750290.580	3.815	750290.580			ug/L
	Cr	52	17712.124	6.081	0.010	0.54671	20.65	ug/L
	Cr	53	1914.554	3.386	0.002	0.81219	6.90	ug/L
	Mn	55	468777.352	6.317	0.624	21.98631	9.09	ug/L
	Ni	60	1991.905	1.114	0.002	0.46520	4.78	ug/L
	Cu	63	7967.906	3.669	0.008	0.77771	2.37	ug/L
	Cu	65	3938.893	2.134	0.004	0.76971	7.02	ug/L
	Zn	66	8801.349	3.064	0.040	2.17423	3.34	ug/L
	Zn	67	1583.487	5.420	0.008	2.36545	9.12	ug/L
	Zn	68	6915.365	0.247	0.033	2.49053	1.64	ug/L
>	Ge	72	133390.213	1.052	133390.213			ug/L
	As	75	2680.054	2.573	0.009	0.49768	4.18	ug/L
	Se	77	261.006	6.130	0.001	0.43488	18.51	ug/L
	Se	82	773.374	2.881	0.001	0.43959	19.98	ug/L
	Ag	107	200.671	8.118	-0.000	-0.00726	11.97	ug/L
>	In	115	1678384.602	2.349	1678384.602			ug/L
	Sb	121	593.025	3.159	0.000	0.05118	2.22	ug/L
	Sb	123	457.696	8.009	0.000	0.05125	9.06	ug/L
	Ba	135	45319.476	1.115	0.017	13.33922	2.92	ug/L
	Ba	137	78663.106	2.331	0.030	13.27070	6.17	ug/L
>	Ho	165	2558362.437	3.891	2558362.437			ug/L
	Tl	205	725.703	2.428	-0.000	-0.02165	5.25	ug/L
	Pb	208	6326.589	1.824	-0.004	-0.18782	3.68	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		89.102			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01961

Report Date/Time: Tuesday, January 29, 2002 15:47:33

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	90.691
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	93.233
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.233
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01961

Report Date/Time: Tuesday, January 29, 2002 15:47:33

Page 2

Method 200.8 - Summary Report

Sample ID: AE01962

Sample Date/Time: Tuesday, January 29, 2002 15:48:38

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01962.034

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	15.000	30.551	0.000	0.00029	2598.92	ug/L
>	Sc-1	45	766916.536	3.542	766916.536			ug/L
	Cr	52	39586.086	2.014	0.038	2.11335	6.78	ug/L
	Cr	53	3923.219	1.745	0.004	2.04097	4.97	ug/L
	Mn	55	1271308.155	4.353	1.659	58.42029	7.85	ug/L
	Ni	60	3175.921	5.050	0.004	0.78731	9.70	ug/L
	Cu	63	60957.679	1.930	0.077	7.25766	1.71	ug/L
[	Cu	65	29127.575	3.093	0.037	6.98868	6.95	ug/L
	Zn	66	5386.651	3.910	0.014	0.76374	14.68	ug/L
	Zn	67	1246.098	7.446	0.005	1.56088	15.94	ug/L
	Zn	68	4950.397	2.072	0.018	1.36848	7.17	ug/L
>	Ge	72	133896.327	1.545	133896.327			ug/L
	As	75	3091.955	2.895	0.012	0.65700	6.42	ug/L
	Se	77	499.352	5.750	0.002	1.53057	9.69	ug/L
[	Se	82	849.382	7.098	0.001	0.69795	36.54	ug/L
	Ag	107	180.670	7.873	-0.000	-0.00845	14.33	ug/L
>	In	115	1649592.906	1.772	1649592.906			ug/L
	Sb	121	747.372	6.053	0.000	0.06733	7.24	ug/L
[	Sb	123	586.535	5.254	0.000	0.06871	6.67	ug/L
	Ba	135	89576.416	1.153	0.034	26.83807	2.93	ug/L
	Ba	137	157794.205	1.870	0.061	27.10776	4.74	ug/L
>	Ho	165	2558661.086	3.331	2558661.086			ug/L
	Tl	205	660.364	3.374	-0.000	-0.02329	3.40	ug/L
[	Pb	208	11194.127	1.045	-0.002	-0.09588	5.48	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		91.076			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01962

Report Date/Time: Tuesday, January 29, 2002 15:50:10

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	91.035
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	91.633
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.244
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
[	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
[	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
[	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
[	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Method 200.8 - Summary Report

Sample ID: AE01963

Sample Date/Time: Tuesday, January 29, 2002 15:51:16

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01963.035

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	20.667	16.993	0.000	0.00949	65.09	ug/L
>	Sc-1	45	762988.862	3.204	762988.862			ug/L
	Cr	52	20108.431	3.192	0.013	0.69942	11.07	ug/L
	Cr	53	2249.634	3.519	0.002	1.00319	9.41	ug/L
	Mn	55	579663.965	3.093	0.758	26.69799	1.06	ug/L
	Ni	60	1600.490	1.673	0.002	0.34482	6.31	ug/L
	Cu	63	43756.535	2.570	0.055	5.17404	1.91	ug/L
	Cu	65	21646.984	3.885	0.027	5.16176	6.97	ug/L
	Zn	66	5683.167	2.912	0.016	0.86671	5.35	ug/L
	Zn	67	1144.417	1.654	0.004	1.30045	2.39	ug/L
	Zn	68	4782.639	0.861	0.017	1.25379	6.48	ug/L
>	Ge	72	134923.003	2.693	134923.003			ug/L
	As	75	2821.263	3.738	0.010	0.54218	12.10	ug/L
	Se	77	307.342	6.510	0.001	0.63501	19.34	ug/L
	Se	82	813.711	2.961	0.001	0.55149	28.60	ug/L
	Ag	107	189.004	5.047	-0.000	-0.00789	6.94	ug/L
>	In	115	1654230.093	1.172	1654230.093			ug/L
	Sb	121	608.026	5.276	0.000	0.05348	5.80	ug/L
	Sb	123	474.237	7.519	0.000	0.05422	9.71	ug/L
	Ba	135	50212.487	1.830	0.018	14.28691	3.47	ug/L
	Ba	137	86189.729	2.876	0.031	14.05388	6.88	ug/L
>	Ho	165	2653018.632	4.063	2653018.632			ug/L
	Tl	205	710.368	12.764	-0.000	-0.02263	11.79	ug/L
	Pb	208	11231.831	2.739	-0.002	-0.10246	13.22	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		90.610			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01963

Report Date/Time: Tuesday, January 29, 2002 15:52:48

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	91.733
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	91.891
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	103.941
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01963

Report Date/Time: Tuesday, January 29, 2002 15:52:48

Page 2

Method 200.8 - Summary Report

Sample ID: AE01964

Sample Date/Time: Tuesday, January 29, 2002 15:55:37

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01964.036

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	21.334	26.654	0.000	0.01190	78.32	ug/L
>	Sc-1	45	731866.674	2.730	731866.674			ug/L
	Cr	52	18211.745	2.350	0.011	0.61694	10.60	ug/L
	Cr	53	2223.295	6.117	0.002	1.04508	10.23	ug/L
	Mn	55	457705.578	0.782	0.624	21.97762	2.87	ug/L
	Ni	60	1388.787	0.578	0.001	0.30132	2.93	ug/L
	Cu	63	31571.086	3.551	0.041	3.83581	1.78	ug/L
	Cu	65	15952.153	3.206	0.021	3.91164	6.19	ug/L
	Zn	66	3225.271	2.640	-0.002	-0.10764	17.39	ug/L
	Zn	67	735.370	2.325	0.001	0.38035	16.66	ug/L
	Zn	68	2912.496	1.844	0.003	0.23733	23.77	ug/L
>	Ge	72	132422.685	1.826	132422.685			ug/L
	As	75	2809.569	4.048	0.011	0.55746	8.06	ug/L
	Se	77	293.008	6.818	0.001	0.59192	11.52	ug/L
	Se	82	814.711	1.141	0.001	0.60598	6.36	ug/L
	Ag	107	167.003	9.966	-0.000	-0.00930	15.36	ug/L
>	In	115	1630199.074	3.286	1630199.074			ug/L
	Sb	121	563.023	3.548	0.000	0.04993	4.76	ug/L
	Sb	123	442.980	7.365	0.000	0.05115	11.65	ug/L
	Ba	135	44406.326	1.864	0.016	12.80897	0.62	ug/L
	Ba	137	76721.696	3.191	0.028	12.68191	5.81	ug/L
>	Ho	165	2605079.662	2.375	2605079.662			ug/L
	Tl	205	571.024	0.701	-0.000	-0.02576	1.66	ug/L
	Pb	208	6411.945	1.292	-0.004	-0.18850	2.23	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		86.914			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01964

Report Date/Time: Tuesday, January 29, 2002 15:57:09

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	90.033
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	90.556
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	102.063
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: AE01964

Report Date/Time: Tuesday, January 29, 2002 15:57:09

Page 2

Method 200.8 - Summary Report

Sample ID: AE01965

Sample Date/Time: Tuesday, January 29, 2002 15:58:32

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\AE01965.037

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	16.667	24.249	0.000	0.00322	198.26	ug/L
>	Sc-1	45	756812.787	3.383	756812.787			ug/L
	Cr	52	16630.369	2.401	0.008	0.45473	15.56	ug/L
	Cr	53	2251.969	5.039	0.002	1.01455	6.43	ug/L
	Mn	55	370533.273	8.196	0.488	17.19666	8.58	ug/L
	Ni	60	1326.777	8.059	0.001	0.27066	14.56	ug/L
	Cu	63	57875.372	3.551	0.074	6.97185	1.64	ug/L
	Cu	65	27849.544	1.502	0.036	6.76076	5.08	ug/L
	Zn	66	26245.109	2.604	0.172	9.41137	1.57	ug/L
	Zn	67	4151.323	1.518	0.027	8.47844	4.00	ug/L
	Zn	68	19367.135	0.225	0.127	9.60849	2.04	ug/L
>	Ge	72	132567.821	2.001	132567.821			ug/L
	As	75	2968.637	5.874	0.012	0.62097	15.04	ug/L
	Se	77	310.008	5.922	0.001	0.67063	12.72	ug/L
	Se	82	860.049	4.287	0.002	0.76511	23.72	ug/L
	Ag	107	184.337	4.351	-0.000	-0.00776	5.37	ug/L
>	In	115	1598213.928	1.426	1598213.928			ug/L
	Sb	121	587.358	1.536	0.000	0.05348	1.77	ug/L
	Sb	123	443.901	3.070	0.000	0.05229	2.73	ug/L
	Ba	135	45041.090	0.807	0.017	13.40351	4.28	ug/L
	Ba	137	80359.838	2.005	0.031	13.72276	7.10	ug/L
>	Ho	165	2532523.487	5.007	2532523.487			ug/L
	Tl	205	735.704	15.362	-0.000	-0.02116	16.70	ug/L
	Pb	208	12214.011	2.345	-0.002	-0.07388	19.59	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		89.877			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01965

Report Date/Time: Tuesday, January 29, 2002 16:00:04

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	90.132
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	88.779
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	99.220
	Tl	205	
	Pb	208	



Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999996
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999999
	Cr 53Linear Thru Zero	1.000000
	Mn 55Linear Thru Zero	1.000000
	Ni 60Linear Thru Zero	0.999997
	Cu 63Linear Thru Zero	0.999999
	Cu 65Linear Thru Zero	1.000000
	Zn 66Linear Thru Zero	0.999992
	Zn 67Linear Thru Zero	0.999949
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999988
	Se 82Linear Thru Zero	1.000000
	Ag 107Linear Thru Zero	0.999991
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	1.000000
	Sb 123Linear Thru Zero	0.999999
	Ba 135Linear Thru Zero	0.999893
	Ba 137Linear Thru Zero	0.999983
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999979
	Pb 208Linear Thru Zero	0.999949

Sample ID: AE01965

Report Date/Time: Tuesday, January 29, 2002 16:00:04

Page 2

Method 200.8 - Summary Report

Sample ID: CCV CAL BK

Sample Date/Time: Tuesday, January 29, 2002 16:04:37

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\CCV CAL BK.038

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

All LLD

Concentration Results

Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
Be	9	19.000	5.263	0.000	0.00697	33.72	ug/L
> Sc-1	45	758577.618	3.514	758577.618			ug/L
Cr	52	9981.911	1.150	-0.001	-0.03903	67.87	ug/L
Cr	53	1008.399	6.396	0.000	0.22708	25.88	ug/L
Mn	55	1878.546	2.747	0.001	0.03372	6.90	ug/L
Ni	60	394.679	2.882	0.000	0.00393	168.56	ug/L
Cu	63	1796.195	0.531	0.000	0.00162	554.07	ug/L
Cu	65	904.054	5.209	-0.000	-0.00095	2055.00	ug/L
Zn	66	3287.961	3.218	-0.002	-0.08451	50.78	ug/L
Zn	67	584.691	6.496	0.000	0.01900	444.18	ug/L
Zn	68	2312.984	5.026	-0.001	-0.10672	88.44	ug/L
> Ge	72	132725.151	2.216	132725.151			ug/L
As	75	2029.757	5.478	0.005	0.24368	20.02	ug/L
Se	77	165.336	2.858	-0.000	-0.00446	609.07	ug/L
Se	82	862.716	4.484	0.002	0.77002	21.14	ug/L
Ag	107	229.672	4.656	-0.000	-0.00507	8.91	ug/L
> In	115	1669395.406	2.978	1669395.406			ug/L
Sb	121	89.335	15.923	0.000	0.00272	57.63	ug/L
Sb	123	76.039	5.884	0.000	0.00341	10.37	ug/L
Ba	135	1483.803	4.169	-0.000	-0.04915	21.02	ug/L
Ba	137	2551.717	4.871	-0.000	-0.06525	58.42	ug/L
> Ho	165	2623165.375	4.149	2623165.375			ug/L
Tl	205	542.022	6.604	-0.000	-0.02652	5.20	ug/L
Pb	208	13104.778	2.265	-0.001	-0.06554	23.24	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		90.086			
Cr	52					
Cr	53					
Mn	55					
Ni	60					

*Cr⁵³ & Se⁸² show
Some contamination. The
other isotopes will be
used to report
previous samples.*

Sample ID: CCV CAL BK

Report Date/Time: Tuesday, January 29, 2002 16:06:08

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	90.239
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.733
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	102.772
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: CCV CAL BK

Report Date/Time: Tuesday, January 29, 2002 16:06:08

Page 2

Method 200.8 - Summary Report

Sample ID: CCV STD1 30 PPB

Sample Date/Time: Tuesday, January 29, 2002 16:07:26

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\CCV STD1 30 PPB.039

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

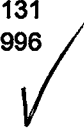
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	18693.066	3.303	0.024	29.76745	6.06	ug/L
>	Sc-1	45	769740.601	2.662	769740.601			ug/L
	Cr	52	419315.679	5.906	0.531	29.69181	6.66	ug/L
	Cr	53	48048.490	2.064	0.062	29.48221	1.44	ug/L
	Mn	55	648058.730	1.744	0.841	29.60596	3.42	ug/L
	Ni	60	100098.836	1.696	0.130	27.99125	4.43	ug/L
	Cu	63	239547.522	1.988	0.309	29.05559	1.64	ug/L
	Cu	65	116347.509	3.410	0.150	28.47660	6.19	ug/L
	Zn	66	77255.785	2.539	0.549	30.11057	2.16	ug/L
	Zn	67	13301.528	2.522	0.095	29.77557	3.59	ug/L
	Zn	68	55945.850	0.802	0.398	30.04488	1.80	ug/L
>	Ge	72	134236.527	0.920	134236.527			ug/L
	As	75	77247.429	1.393	0.565	29.93666	2.34	ug/L
	Se	77	6817.625	2.690	0.050	30.60265	2.40	ug/L
	Se	82	9627.525	1.147	0.067	31.36713	0.67	ug/L
	Ag	107	407017.995	0.173	0.244	29.57179	1.55	ug/L
>	In	115	1664441.518	1.384	1664441.518			ug/L
	Sb	121	301292.219	2.228	0.181	29.26648	1.17	ug/L
	Sb	123	235727.367	1.812	0.142	29.81505	2.76	ug/L
	Ba	135	94526.845	0.309	0.037	28.56611	3.63	ug/L
	Ba	137	167740.626	2.404	0.065	29.07382	5.89	ug/L
>	Ho	165	2540214.667	3.743	2540214.667			ug/L
	Tl	205	1190817.934	4.666	0.469	29.68131	7.64	ug/L
	Pb	208	1642865.787	1.034	0.641	30.99996	2.82	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		91.412			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					



Sample ID: CCV STD1 30 PPB

Report Date/Time: Tuesday, January 29, 2002 16:08:57

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	91.266
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.458
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	99.522
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: CCV STD1 30 PPB

Report Date/Time: Tuesday, January 29, 2002 16:08:57

Page 2

Method 200.8 - Summary Report

Sample ID: CCV STD2 60 PPB

Sample Date/Time: Tuesday, January 29, 2002 16:10:04

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NEWQ200.8.mth

Dataset File: d:\elandata\Dataset\daily performance\CCV STD2 60 PPB.040

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	37180.949	2.581	0.049	59.46049	2.12	ug/L
> Sc-1	45	765934.559	1.135	765934.559			ug/L
Cr	52	802742.240	0.924	1.034	57.81272	0.69	ug/L
Cr	53	94477.452	1.935	0.122	58.65324	2.07	ug/L
Mn	55	1275889.181	1.819	1.664	58.60175	1.85	ug/L
Ni	60	204703.847	3.121	0.267	57.60564	3.66	ug/L
Cu	63	466928.873	1.152	0.607	57.12711	2.21	ug/L
Cu	65	230952.511	1.418	0.300	56.98034	2.31	ug/L
Zn	66	150474.098	1.401	1.100	60.31500	2.93	ug/L
Zn	67	25849.978	2.858	0.189	59.40464	0.71	ug/L
Zn	68	109793.867	3.087	0.803	60.64750	5.23	ug/L
> Ge	72	133639.735	2.161	133639.735			ug/L
As	75	151197.246	2.082	1.121	59.43220	4.21	ug/L
Se	77	13252.787	1.788	0.098	60.52649	3.86	ug/L
Se	82	18137.929	2.095	0.131	61.43249	4.37	ug/L
Ag	107	797448.856	2.607	0.479	57.95976	5.44	ug/L
> In	115	1665891.198	2.833	1665891.198			ug/L
Sb	121	612840.738	0.803	0.368	59.52373	3.34	ug/L
Sb	123	473873.597	1.794	0.284	59.88959	1.08	ug/L
Ba	135	193168.110	2.519	0.073	56.94355	3.52	ug/L
Ba	137	333316.985	1.767	0.126	56.30821	2.45	ug/L
> Ho	165	2624666.377	1.875	2624666.377			ug/L
Tl	205	2529371.325	3.832	0.963	60.94347	2.56	ug/L
Pb	208	3115895.178	0.779	1.181	57.13545	2.18	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		90.960			
Cr	52					
Cr	53					
Mn	55					
Ni	60					



Sample ID: CCV STD2 60 PPB

Report Date/Time: Tuesday, January 29, 2002 16:11:36

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	90.861
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.539
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	102.830
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999996
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999999
	Cr	53Linear Thru Zero	1.000000
	Mn	55Linear Thru Zero	1.000000
	Ni	60Linear Thru Zero	0.999997
	Cu	63Linear Thru Zero	0.999999
	Cu	65Linear Thru Zero	1.000000
	Zn	66Linear Thru Zero	0.999992
	Zn	67Linear Thru Zero	0.999949
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999988
	Se	82Linear Thru Zero	1.000000
	Ag	107Linear Thru Zero	0.999991
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999893
	Ba	137Linear Thru Zero	0.999983
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999979
	Pb	208Linear Thru Zero	0.999949

Sample ID: CCV STD2 60 PPB

Report Date/Time: Tuesday, January 29, 2002 16:11:36

Page 2