

Method 200.8 - Summary Report

Sample ID: Blank

Sample Date/Time: Friday, January 18, 2002 08:49:37

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

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

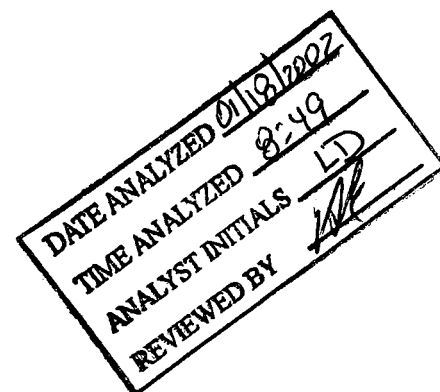
Dataset File: d:\elandata\Dataset\daily performance\Blank.2338

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	29.304				ug/L
>	Sc-1	45	856656.180	2.216				ug/L
	Cr	52	10656.017	2.355				ug/L
	Cr	53	780.708	5.776				ug/L
	Mn	55	1270.435	3.740				ug/L
	Ni	60	783.375	3.195				ug/L
	Cu	63	2157.611	1.597				ug/L
	Cu	65	1059.072	1.910				ug/L
	Zn	66	940.391	5.017				ug/L
	Zn	67	190.337	12.459				ug/L
	Zn	68	702.367	1.151				ug/L
>	Ge	72	150113.721	0.216				ug/L
	As	75	5474.847	2.205				ug/L
	Se	77	177.003	3.437				ug/L
	Se	82	2144.608	2.774				ug/L
	Ag	107	241.672	12.416				ug/L
>	In	115	1830326.926	2.355				ug/L
	Sb	121	41.001	12.674				ug/L
	Sb	123	41.966	18.292				ug/L
	Ba	135	306.008	6.209				ug/L
	Ba	137	487.018	7.104				ug/L
>	Ho	165	2710359.225	2.770				ug/L
	Tl	205	1706.177	2.929				ug/L
	Pb	208	21558.511	1.007				ug/L

Reviewed by,
[Signature] 3/26/02

QC Calculated Values

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

Sample ID: Blank

Report Date/Time: Friday, January 18, 2002 08:51:09

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: Blank

Report Date/Time: Friday, January 18, 2002 08:51:09

Page 2

Method 200.8 - Summary Report

Sample ID: Standard 1

Sample Date/Time: Friday, January 18, 2002 08:53:00

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 1.2339

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	19727.254	2.549	0.024	30.00000	3.71	ug/L
>	Sc-1	45	837642.604	1.160	837642.604			ug/L
	Cr	52	443626.161	0.787	0.517	30.00000	1.91	ug/L
	Cr	53	51612.952	0.679	0.061	30.00000	1.79	ug/L
	Mn	55	711199.045	1.235	0.848	30.00000	1.00	ug/L
	Ni	60	112583.537	3.566	0.134	30.00000	4.75	ug/L
	Cu	63	265092.392	1.014	0.314	30.00000	0.66	ug/L
	Cu	65	129406.342	1.835	0.153	30.00000	2.83	ug/L
[	Zn	66	88232.337	0.871	0.590	30.00000	1.97	ug/L
	Zn	67	15417.884	0.918	0.103	30.00000	0.80	ug/L
	Zn	68	62883.830	3.000	0.420	30.00000	4.37	ug/L
>	Ge	72	148084.628	1.329	148084.628			ug/L
	As	75	88569.466	1.888	0.562	30.00000	3.42	ug/L
	Se	77	7539.536	3.175	0.050	30.00000	2.71	ug/L
	Se	82	11853.842	0.958	0.066	30.00000	2.66	ug/L
[	Ag	107	452554.112	2.843	0.244	30.00000	5.37	ug/L
>	In	115	1854738.633	2.882	1854738.633			ug/L
	Sb	121	338783.490	0.359	0.183	30.00000	3.17	ug/L
	Sb	123	263970.164	0.124	0.142	30.00000	2.75	ug/L
[	Ba	135	103653.646	1.024	0.038	30.00000	0.56	ug/L
	Ba	137	182646.016	1.709	0.068	30.00000	2.13	ug/L
>	Ho	165	2687925.649	0.603	2687925.649			ug/L
	Tl	205	1324972.271	1.924	0.492	30.00000	1.48	ug/L
	Pb	208	1846299.930	1.554	0.679	30.00000	1.39	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: Friday, January 18, 2002 08:54:31

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	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: Friday, January 18, 2002 08:54:31

Page 2

Method 200.8 - Summary Report

Sample ID: Standard 2

Sample Date/Time: Friday, January 18, 2002 08:55:42

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\Standard 2.2340

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	39060.130	1.080	0.048	60.14659	0.60	ug/L
>	Sc-1	45	819338.556	1.205	819338.556			ug/L
	Cr	52	878869.410	0.797	1.060	60.29308	0.69	ug/L
	Cr	53	102439.417	1.905	0.124	60.26369	3.02	ug/L
	Mn	55	1423739.883	1.173	1.736	60.28495	0.57	ug/L
	Ni	60	229198.340	1.571	0.279	60.51160	2.45	ug/L
	Cu	63	550916.690	0.512	0.670	60.76160	0.71	ug/L
[	Cu	65	267544.615	0.807	0.325	60.70091	1.92	ug/L
[	Zn	66	171288.248	1.586	1.159	59.78922	1.93	ug/L
	Zn	67	29905.758	2.323	0.202	59.78850	1.57	ug/L
	Zn	68	123190.534	2.152	0.833	59.90096	2.92	ug/L
>	Ge	72	147018.769	0.781	147018.769			ug/L
	As	75	171815.144	2.277	1.132	60.09304	3.10	ug/L
	Se	77	14971.134	0.638	0.101	60.14284	1.44	ug/L
[	Se	82	21314.845	2.012	0.131	59.92316	3.08	ug/L
[	Ag	107	910761.556	1.822	0.500	60.29420	2.90	ug/L
>	In	115	1819885.920	1.081	1819885.920			ug/L
	Sb	121	684182.621	0.891	0.376	60.33602	1.63	ug/L
[	Sb	123	529801.839	1.612	0.291	60.26305	1.45	ug/L
[	Ba	135	211653.143	1.886	0.077	60.08291	1.63	ug/L
	Ba	137	374294.553	1.665	0.137	60.12257	0.18	ug/L
>	Ho	165	2729581.356	1.728	2729581.356			ug/L
	Tl	205	2726654.084	2.425	0.999	60.16790	3.02	ug/L
[	Pb	208	3642835.570	2.232	1.327	59.72356	3.72	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: Friday, January 18, 2002 08:57:14

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: Friday, January 18, 2002 08:57:14

Page 2

Method 200.8 - Summary Report

Sample ID: ICV CAL BK

Sample Date/Time: Friday, January 18, 2002 09:01:44

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\ICV CAL BK.2341

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Se⁸² will not
be considered
to report these
samples!

LD

Concentration Results

Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
Be	9	16.667	27.713	-0.000	-0.00300	231.35	ug/L
> Sc-1	45	841580.584	0.380	841580.584			ug/L
Cr	52	10069.007	1.020	-0.000	-0.02698	32.09	ug/L
Cr	53	681.699	1.769	-0.000	-0.04919	13.01	ug/L
Mn	55	1266.434	0.690	0.000	0.00076	61.38	ug/L
Ni	60	746.705	2.778	-0.000	-0.00591	82.65	ug/L
Cu	63	2207.290	0.729	0.000	0.00945	24.18	ug/L
Cu	65	1063.073	3.449	0.000	0.00503	173.35	ug/L
Zn	66	853.715	5.092	-0.001	-0.02668	66.57	ug/L
Zn	67	189.337	2.496	0.000	0.00182	308.92	ug/L
Zn	68	655.697	2.233	-0.000	-0.01906	53.58	ug/L
> Ge	72	148594.185	1.345	148594.185			ug/L
As	75	5698.867	6.570	0.002	0.09917	116.93	ug/L
Se	77	163.670	5.677	-0.000	-0.04606	96.98	ug/L
Se	82	2233.964	5.621	0.001	0.34088	95.66	ug/L
Ag	107	450.349	3.023	0.000	0.01402	7.90	ug/L
> In	115	1813386.978	1.028	1813386.978			ug/L
Sb	121	190.671	17.594	0.000	0.01328	22.55	ug/L
Sb	123	143.682	10.411	0.000	0.01167	16.11	ug/L
Ba	135	326.009	4.295	0.000	0.00325	124.51	ug/L
Ba	137	528.687	3.551	0.000	0.00449	81.38	ug/L
> Ho	165	2784618.087	1.709	2784618.087			ug/L
Tl	205	1548.814	3.088	-0.000	-0.00441	27.11	ug/L
Pb	208	21095.072	1.963	-0.000	-0.01691	70.73	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		98.240			
Cr	52					
Cr	53					
Mn	55					
Ni	60					

Sample ID: ICV CAL BK

Report Date/Time: Friday, January 18, 2002 09:03:15

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	98.988
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	99.074
	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	0.999988
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: ICV CAL BK

Report Date/Time: Friday, January 18, 2002 09:03:15

Page 2

Method 200.8 - Summary Report

Sample ID: ICV STD1 30 PPB

Sample Date/Time: Friday, January 18, 2002 09:04:54

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.2342

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	19777.688	0.465	0.024	29.75825	2.67	ug/L
>	Sc-1	45	838435.854	2.299	838435.854			ug/L
	Cr	52	470324.845	2.930	0.549	31.19211	1.86	ug/L
	Cr	53	51528.822	1.344	0.061	29.40086	2.45	ug/L
	Mn	55	708473.189	2.117	0.844	29.30830	4.43	ug/L
	Ni	60	111820.991	0.861	0.133	28.75457	3.06	ug/L
	Cu	63	264104.385	0.512	0.313	28.35207	2.37	ug/L
	Cu	65	130414.388	2.289	0.154	28.80955	4.59	ug/L
[	Zn	66	86579.999	2.270	0.582	30.03187	2.25	ug/L
	Zn	67	15361.793	2.294	0.103	30.50280	2.10	ug/L
	Zn	68	63046.837	0.890	0.424	30.46137	1.60	ug/L
>	Ge	72	147158.729	1.149	147158.729			ug/L
	As	75	89464.854	1.124	0.571	30.32776	0.37	ug/L
	Se	77	7388.076	2.112	0.049	29.29030	1.17	ug/L
	Se	82	11878.542	1.277	0.066	30.46051	2.72	ug/L
[	Ag	107	447423.933	0.980	0.242	29.12504	1.25	ug/L
>	In	115	1850061.284	1.264	1850061.284			ug/L
	Sb	121	341431.995	1.102	0.185	29.61510	0.88	ug/L
	Sb	123	263348.436	1.391	0.142	29.46507	1.48	ug/L
[	Ba	135	104304.409	1.466	0.038	29.37345	3.00	ug/L
	Ba	137	182695.328	0.360	0.066	29.12335	3.59	ug/L
>	Ho	165	2748691.009	3.171	2748691.009			ug/L
	Tl	205	1310024.678	1.266	0.476	28.70492	4.09	ug/L
	Pb	208	1832410.716	1.229	0.659	29.65888	2.86	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		97.873			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: ICV STD1 30 PPB

Report Date/Time: Friday, January 18, 2002 09:06:26

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	98.031
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	101.078
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.414
	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: ICV STD1 30 PPB

Report Date/Time: Friday, January 18, 2002 09:06:26

Page 2

Method 200.8 - Summary Report

Sample ID: ICV STD2 60 PPB

Sample Date/Time: Friday, January 18, 2002 09:07:47

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 STD2 60 PPB.2343

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	39166.270	2.079	0.047	59.24271	2.71	ug/L
>	Sc-1	45	834183.563	0.885	834183.563			ug/L
	Cr	52	878743.617	0.560	1.041	59.19933	1.01	ug/L
	Cr	53	102706.277	0.499	0.122	59.32976	1.31	ug/L
	Mn	55	1398911.909	1.706	1.675	58.17552	1.16	ug/L
	Ni	60	224730.586	2.631	0.269	58.27112	3.51	ug/L
	Cu	63	528460.102	1.437	0.631	57.23265	1.44	ug/L
	Cu	65	259172.074	1.780	0.309	57.74142	2.38	ug/L
	Zn	66	170748.725	0.917	1.174	60.57245	3.33	ug/L
	Zn	67	29810.447	2.434	0.205	60.54633	0.50	ug/L
	Zn	68	124681.176	1.319	0.857	61.61928	3.82	ug/L
>	Ge	72	144745.520	2.664	144745.520			ug/L
	As	75	170920.447	1.756	1.145	60.77488	4.29	ug/L
	Se	77	14796.848	1.072	0.101	60.39495	2.06	ug/L
	Se	82	21332.220	2.098	0.133	61.06255	4.86	ug/L
	Ag	107	863395.986	1.033	0.482	58.06401	3.48	ug/L
>	In	115	1792199.961	2.696	1792199.961			ug/L
	Sb	121	675683.731	1.439	0.377	60.51473	1.27	ug/L
	Sb	123	526657.797	1.235	0.294	60.84685	1.66	ug/L
	Ba	135	212793.441	1.493	0.078	60.63571	2.56	ug/L
	Ba	137	369656.711	1.438	0.136	59.60810	2.80	ug/L
>	Ho	165	2720117.676	2.610	2720117.676			ug/L
	Tl	205	2658179.024	2.404	0.977	58.86038	2.31	ug/L
	Pb	208	3515381.397	1.364	1.285	57.83926	3.88	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		97.377			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: ICV STD2 60 PPB

Report Date/Time: Friday, January 18, 2002 09:09:18

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	96.424
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	97.917
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.360
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: ICV STD2 60 PPB

Report Date/Time: Friday, January 18, 2002 09:09:18

Page 2

Method 200.8 - Summary Report

Sample ID: QCS 50 PPB

Sample Date/Time: Friday, January 18, 2002 09:10:51

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\QCS 50 PPB.2344

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	32450.153	2.108	0.039	49.14830	3.29	ug/L
>	Sc-1	45	833164.587	1.709	833164.587			ug/L
	Cr	52	727102.969	0.909	0.860	48.92741	1.62	ug/L
	Cr	53	85008.495	1.294	0.101	49.10293	2.93	ug/L
	Mn	55	1161871.788	2.321	1.393	48.37261	2.07	ug/L
	Ni	60	189892.778	2.506	0.227	49.28077	4.20	ug/L
	Cu	63	429511.568	0.436	0.513	46.53825	1.69	ug/L
	Cu	65	210929.386	0.295	0.252	47.01099	1.52	ug/L
	Zn	66	141181.968	0.976	0.959	49.47940	2.02	ug/L
	Zn	67	24504.909	2.662	0.166	49.16843	0.57	ug/L
	Zn	68	103151.721	1.730	0.701	50.37198	3.76	ug/L
>	Ge	72	146292.836	2.166	146292.836			ug/L
	As	75	143326.135	1.007	0.944	50.08060	3.25	ug/L
	Se	77	12246.367	1.467	0.083	49.32477	2.33	ug/L
	Se	82	18044.404	0.511	0.109	50.00895	1.91	ug/L
	Ag	107	723509.916	1.732	0.401	48.35585	2.73	ug/L
>	In	115	1802474.491	0.982	1802474.491			ug/L
	Sb	121	567795.613	0.890	0.315	50.55583	1.78	ug/L
	Sb	123	439663.062	1.168	0.244	50.49068	0.24	ug/L
	Ba	135	173709.070	0.994	0.063	49.13731	3.16	ug/L
	Ba	137	300830.694	1.415	0.110	48.15055	2.93	ug/L
>	Ho	165	2739522.099	2.388	2739522.099			ug/L
	Tl	205	2227289.611	2.692	0.812	48.95382	1.38	ug/L
	Pb	208	2875572.754	2.216	1.042	46.91209	4.54	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		97.258			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: QCS 50 PPB

Report Date/Time: Friday, January 18, 2002 09:12:23

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	97.455
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	98.478
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.076
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999988
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: QCS 50 PPB

Report Date/Time: Friday, January 18, 2002 09:12:23

Page 2

Method 200.8 - Summary Report

Sample ID: LFB 50 PPB

Sample Date/Time: Friday, January 18, 2002 09:14:11

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.2345

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	32735.499	1.220	0.040	50.10550	2.82	ug/L
>	Sc-1	45	824441.256	1.698	824441.256			ug/L
	Cr	52	741055.325	2.171	0.887	50.42879	3.85	ug/L
	Cr	53	86324.821	1.223	0.104	50.39356	1.76	ug/L
	Mn	55	1186321.990	0.215	1.438	49.92159	1.77	ug/L
	Ni	60	188010.530	1.847	0.227	49.30262	3.30	ug/L
	Cu	63	438206.926	1.943	0.529	47.98239	1.37	ug/L
	Cu	65	214919.418	2.262	0.260	48.41770	3.15	ug/L
	Zn	66	145152.137	0.975	1.005	51.82736	0.22	ug/L
	Zn	67	25213.503	0.945	0.174	51.56844	2.05	ug/L
	Zn	68	104990.837	0.354	0.727	52.22087	1.22	ug/L
>	Ge	72	143600.469	1.191	143600.469			ug/L
	As	75	145857.895	0.862	0.979	51.97531	1.98	ug/L
	Se	77	12702.665	2.135	0.087	52.14604	1.42	ug/L
	Se	82	18422.498	0.275	0.114	52.26708	1.14	ug/L
	Ag	107	744235.072	1.247	0.421	50.70957	1.72	ug/L
>	In	115	1768121.535	2.180	1768121.535			ug/L
	Sb	121	581813.533	1.322	0.329	52.81215	1.08	ug/L
	Sb	123	452632.172	0.733	0.256	53.01326	2.91	ug/L
	Ba	135	175340.542	2.503	0.066	50.90579	0.39	ug/L
	Ba	137	307062.717	1.753	0.115	50.46644	2.83	ug/L
>	Ho	165	2668102.342	2.594	2668102.342			ug/L
	Tl	205	2313930.762	3.252	0.867	52.26382	5.27	ug/L
	Pb	208	2992832.331	1.841	1.115	50.15800	4.38	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		96.239			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: LFB 50 PPB

Report Date/Time: Friday, January 18, 2002 09:15:43

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.661
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	96.601
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	98.441
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
Be	9Linear Thru Zero	0.999988
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	0.999952
Cr	53Linear Thru Zero	0.999961
Mn	55Linear Thru Zero	0.999955
Ni	60Linear Thru Zero	0.999855
Cu	63Linear Thru Zero	0.999678
Cu	65Linear Thru Zero	0.999727
Zn	66Linear Thru Zero	0.999975
Zn	67Linear Thru Zero	0.999975
Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999995
Se	77Linear Thru Zero	0.999989
Se	82Linear Thru Zero	0.999997
Ag	107Linear Thru Zero	0.999952
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	0.999937
Sb	123Linear Thru Zero	0.999962
Ba	135Linear Thru Zero	0.999996
Ba	137Linear Thru Zero	0.999992
> Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999984
Pb	208Linear Thru Zero	0.999958

Sample ID: LFB 50 PPB

Report Date/Time: Friday, January 18, 2002 09:15:43

Page 2

Method 200.8 - Summary Report

Sample ID: LRB

Sample Date/Time: Friday, January 18, 2002 09:19:04

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\LRB.2346

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	31.175	-0.000	-0.00119	666.13	ug/L
>	Sc-1	45	829088.090	1.822	829088.090			ug/L
	Cr	52	9934.536	5.661	-0.000	-0.02611	123.73	ug/L
	Cr	53	649.363	7.947	-0.000	-0.06182	58.36	ug/L
	Mn	55	1304.774	5.259	0.000	0.00316	94.34	ug/L
	Ni	60	2518.016	115.338	0.002	0.45187	163.98	ug/L
	Cu	63	2216.959	3.075	0.000	0.01411	53.10	ug/L
[	Cu	65	1079.075	6.598	0.000	0.01237	157.38	ug/L
[	Zn	66	858.049	3.701	-0.000	-0.01807	52.81	ug/L
	Zn	67	168.337	14.323	-0.000	-0.03175	155.73	ug/L
	Zn	68	637.362	1.610	-0.000	-0.02047	37.02	ug/L
>	Ge	72	145068.137	0.928	145068.137			ug/L
	As	75	6108.297	3.101	0.006	0.29903	21.78	ug/L
	Se	77	144.003	6.625	-0.000	-0.11151	32.90	ug/L
[	Se	82	2356.329	2.591	0.002	0.89685	19.98	ug/L
[	Ag	107	604.360	5.762	0.000	0.02457	12.59	ug/L
>	In	115	1800940.457	2.724	1800940.457			ug/L
	Sb	121	253.339	1.206	0.000	0.01899	1.82	ug/L
[	Sb	123	183.593	12.662	0.000	0.01634	14.82	ug/L
[	Ba	135	279.674	3.617	-0.000	-0.00598	86.04	ug/L
	Ba	137	472.017	4.928	-0.000	-0.00092	662.47	ug/L
>	Ho	165	2661916.043	2.939	2661916.043			ug/L
	Tl	205	1294.438	2.347	-0.000	-0.00860	17.72	ug/L
[	Pb	208	20359.185	1.131	-0.000	-0.01352	93.14	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		96.782			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: LRB

Report Date/Time: Friday, January 18, 2002 09:20:35

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	96.639
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	98.394
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	98.213
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: LRB

Report Date/Time: Friday, January 18, 2002 09:20:35

Page 2

Method 200.8 - Summary Report

Sample ID: AE00947

Sample Date/Time: Friday, January 18, 2002 09:22:59

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\AE00947.2347

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	8.332	-0.000	-0.00086	296.00	ug/L
>	Sc-1	45	853401.300	1.336	853401.300			ug/L
	Cr	52	15299.018	1.784	0.005	0.31236	10.07	ug/L
	Cr	53	1239.097	0.740	0.001	0.26255	5.18	ug/L
	Mn	55	788687.085	1.001	0.923	32.04013	1.25	ug/L
	Ni	60	1327.444	3.397	0.001	0.13914	8.98	ug/L
	Cu	63	9427.652	4.062	0.009	0.77337	3.97	ug/L
[	Cu	65	4474.479	2.537	0.004	0.74759	3.14	ug/L
[	Zn	66	2574.724	2.930	0.011	0.57075	2.24	ug/L
	Zn	67	632.362	2.283	0.003	0.88394	2.71	ug/L
	Zn	68	2530.044	3.575	0.012	0.88770	4.42	ug/L
>	Ge	72	148573.563	1.542	148573.563			ug/L
	As	75	7412.591	3.410	0.013	0.71326	17.12	ug/L
	Se	77	224.005	1.181	0.000	0.19649	10.04	ug/L
[	Se	82	2466.359	2.790	0.002	1.06322	28.20	ug/L
[	Ag	107	276.340	9.165	0.000	0.00256	74.91	ug/L
>	In	115	1804127.499	2.082	1804127.499			ug/L
	Sb	121	670.365	4.223	0.000	0.05607	5.68	ug/L
[	Sb	123	541.447	5.235	0.000	0.05739	5.44	ug/L
[	Ba	135	48968.044	1.757	0.018	13.87630	0.40	ug/L
	Ba	137	86459.485	1.912	0.032	13.87565	3.32	ug/L
>	Ho	165	2720963.201	1.519	2720963.201			ug/L
	Tl	205	975.397	18.074	-0.000	-0.01634	23.29	ug/L
[	Pb	208	7418.602	4.665	-0.005	-0.23525	2.30	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		99.620			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE00947

Report Date/Time: Friday, January 18, 2002 09:24:30

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	98.974
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	98.569
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.391
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE00947

Report Date/Time: Friday, January 18, 2002 09:24:30

Page 2

Method 200.8 - Summary Report

Sample ID: AE00947

Sample Date/Time: Friday, January 18, 2002 09:25:51

Sample Type: QC Duplicate

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\Dataset\daily performance\AE00947.2348

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL): 5e+001

Diluted To Volume (mL): 1e+002

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	19.334	33.654	0.000	0.00331	611.28	ug/L
>	Sc-1	45	824885.455	2.255	824885.455			ug/L
	Cr	52	12126.542	3.067	0.002	0.25738	16.81	ug/L
	Cr	53	1063.740	2.334	0.000	0.36790	14.02	ug/L
	Mn	55	401272.242	1.637	0.485	33.69793	3.85	ug/L
	Ni	60	1044.070	0.723	0.000	0.15257	5.54	ug/L
	Cu	63	5117.158	2.660	0.004	0.66890	6.34	ug/L
	Cu	65	2382.336	1.860	0.002	0.61652	2.95	ug/L
	Zn	66	1901.885	4.937	0.006	0.66335	9.53	ug/L
	Zn	67	440.682	7.163	0.002	0.99000	12.80	ug/L
	Zn	68	1761.188	3.235	0.007	1.01735	6.00	ug/L
>	Ge	72	149828.757	0.498	149828.757			ug/L
	As	75	6498.129	6.347	0.007	0.73295	41.86	ug/L
	Se	77	215.005	11.516	0.000	0.30520	62.30	ug/L
	Se	82	2292.313	5.696	0.001	0.93059	90.34	ug/L
	Ag	107	242.339	1.261	0.000	0.00025	111.67	ug/L
>	In	115	1821283.649	0.549	1821283.649			ug/L
	Sb	121	374.678	7.783	0.000	0.05886	9.31	ug/L
	Sb	123	310.598	3.100	0.000	0.06111	3.16	ug/L
	Ba	135	25262.305	0.708	0.009	13.74712	3.18	ug/L
	Ba	137	44509.480	1.106	0.016	13.72001	2.94	ug/L
>	Ho	165	2817356.990	2.485	2817356.990			ug/L
	Tl	205	1697.176	5.267	-0.000	-0.00323	134.00	ug/L
	Pb	208	5890.797	1.004	-0.006	-0.52766	0.55	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					340.733
>	Sc-1	45		96.291			
	Cr	52					19.301
	Cr	53					33.422
	Mn	55					✓ 5.044
	Ni	60					9.208

Sample ID: AE00947

Report Date/Time: Friday, January 18, 2002 09:27:23

Page 1

	Cu	63		14.486
	Cu	65		19.218
	Zn	66		15.008
	Zn	67		11.320
	Zn	68		13.612
>	Ge	72	99.810	
	As	75		2.724
	Se	77		43.337
	Se	82		13.304
	Ag	107		165.019
>	In	115	99.506	
	Sb	121		4.862
	Sb	123		6.287
	Ba	135		0.935
	Ba	137		✓ 1.128
>	Ho	165	103.948	
	Tl	205		133.937
	Pb	208		76.655

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999988
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999952
	Cr 53Linear Thru Zero	0.999961
	Mn 55Linear Thru Zero	0.999955
	Ni 60Linear Thru Zero	0.999855
	Cu 63Linear Thru Zero	0.999678
	Cu 65Linear Thru Zero	0.999727
	Zn 66Linear Thru Zero	0.999975
	Zn 67Linear Thru Zero	0.999975
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999989
	Se 82Linear Thru Zero	0.999997
	Ag 107Linear Thru Zero	0.999952
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	0.999937
	Sb 123Linear Thru Zero	0.999962
	Ba 135Linear Thru Zero	0.999996
	Ba 137Linear Thru Zero	0.999992
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999984
	Pb 208Linear Thru Zero	0.999958

Sample ID: AE00947

Report Date/Time: Friday, January 18, 2002 09:27:23

Page 2

Method 200.8 - Summary Report

Sample ID: AE00947

Sample Date/Time: Friday, January 18, 2002 09:29:32

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\AE00947.2349

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	33738.515	2.310	0.042	52.81746	2.96	ug/L
>	Sc-1	45	805957.641	0.839	805957.641			ug/L
	Cr	52	733973.742	2.296	0.898	51.08518	2.80	ug/L
	Cr	53	84847.756	2.247	0.104	50.65961	1.70	ug/L
	Mn	55	1935193.117	1.064	2.400	83.32862	1.86	ug/L
	Ni	60	186241.641	0.805	0.230	49.94537	0.86	ug/L
	Cu	63	433350.036	2.165	0.535	48.53708	1.49	ug/L
[	Cu	65	213823.264	1.620	0.264	49.27340	2.38	ug/L
[	Zn	66	150066.919	2.802	1.019	52.57077	3.49	ug/L
	Zn	67	26224.054	3.054	0.178	52.61669	3.59	ug/L
	Zn	68	108719.713	1.234	0.738	53.04288	1.00	ug/L
>	Ge	72	146398.555	0.898	146398.555			ug/L
	As	75	153611.137	0.307	1.013	53.75150	1.17	ug/L
	Se	77	13718.823	3.669	0.093	55.28646	3.71	ug/L
[	Se	82	20081.356	0.527	0.123	56.33660	1.25	ug/L
[	Ag	107	721325.081	0.504	0.400	48.23579	1.44	ug/L
>	In	115	1801347.590	0.976	1801347.590			ug/L
	Sb	121	597048.390	0.889	0.331	53.19178	1.41	ug/L
[	Sb	123	461685.350	2.588	0.256	53.06324	3.32	ug/L
[	Ba	135	218571.227	1.557	0.078	60.82577	2.15	ug/L
	Ba	137	383530.372	1.276	0.138	60.40241	2.59	ug/L
>	Ho	165	2784800.379	1.965	2784800.379			ug/L
	Tl	205	2279309.938	3.249	0.818	49.31465	5.18	ug/L
[	Pb	208	2918677.314	1.848	1.040	46.82047	2.84	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9			105.637		
>	Sc-1	45		94.082			
	Cr	52			101.546		
	Cr	53			100.794		
	Mn	55			102.577		
	Ni	60			99.612		

Sample ID: AE00947

Report Date/Time: Friday, January 18, 2002 09:31:04

Page 1

	Cu	63		95.527
	Cu	65		97.052
	Zn	66		104.000
	Zn	67		103.465
	Zn	68		104.310
>	Ge	72	97.525	
	As	75		106.076
	Se	77		110.180
	Se	82		110.547
	Ag	107		96.466
>	In	115	98.417	
	Sb	121		106.271
	Sb	123		106.012
	Ba	135		93.899
	Ba	137		93.054
>	Ho	165	102.747	
	Tl	205		98.662
	Pb	208		188.223

93.6% LD

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999988
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999952
	Cr 53Linear Thru Zero	0.999961
	Mn 55Linear Thru Zero	0.999955
	Ni 60Linear Thru Zero	0.999855
	Cu 63Linear Thru Zero	0.999678
	Cu 65Linear Thru Zero	0.999727
	Zn 66Linear Thru Zero	0.999975
	Zn 67Linear Thru Zero	0.999975
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999989
	Se 82Linear Thru Zero	0.999997
	Ag 107Linear Thru Zero	0.999952
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	0.999937
	Sb 123Linear Thru Zero	0.999962
	Ba 135Linear Thru Zero	0.999996
	Ba 137Linear Thru Zero	0.999992
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999984
	Pb 208Linear Thru Zero	0.999958

The table 1 was set for 25ppb instead of 50 ppb for Pb, that's why we got double.

Sample ID: AE00947

Report Date/Time: Friday, January 18, 2002 09:31:04

Page 2

Method 200.8 - Summary Report

Sample ID: AE00948

Sample Date/Time: Friday, January 18, 2002 09:37:22

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\AE00948.2350

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	25.777	0.000	0.00045	1503.52	ug/L
[>	Sc-1	45	810667.851	3.066	810667.851			ug/L
	Cr	52	16785.650	0.338	0.008	0.47075	6.73	ug/L
	Cr	53	1424.459	2.886	0.001	0.41158	12.03	ug/L
	Mn	55	767674.576	1.138	0.946	32.84279	2.09	ug/L
	Ni	60	1344.780	7.895	0.001	0.16216	22.56	ug/L
	Cu	63	8801.350	3.641	0.008	0.75622	1.72	ug/L
	Cu	65	4238.363	0.416	0.004	0.74532	3.54	ug/L
[	Zn	66	5019.769	1.208	0.029	1.48050	2.29	ug/L
	Zn	67	1018.734	1.470	0.006	1.72367	2.72	ug/L
	Zn	68	4295.391	2.759	0.025	1.81430	4.43	ug/L
[>	Ge	72	143610.801	1.932	143610.801			ug/L
	As	75	7331.161	4.067	0.015	0.77424	15.56	ug/L
	Se	77	227.672	9.546	0.000	0.24400	43.80	ug/L
	Se	82	2435.351	4.213	0.003	1.22602	27.78	ug/L
[	Ag	107	240.006	5.120	0.000	0.00038	348.39	ug/L
[>	In	115	1778268.830	2.868	1778268.830			ug/L
	Sb	121	649.696	0.759	0.000	0.05506	2.29	ug/L
	Sb	123	534.192	1.659	0.000	0.05748	3.75	ug/L
	Ba	135	48131.565	0.797	0.018	13.65951	2.70	ug/L
	Ba	137	83503.666	1.793	0.031	13.41905	4.30	ug/L
[>	Ho	165	2718411.111	3.496	2718411.111			ug/L
	Tl	205	1166.087	8.742	-0.000	-0.01209	16.27	ug/L
	Pb	208	7921.437	1.483	-0.005	-0.22675	1.15	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		94.632			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE00948

Report Date/Time: Friday, January 18, 2002 09:38:53

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.668
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	97.156
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.297
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999988
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
>	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
>	Ag	107Linear Thru Zero	0.999952
	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
>	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE00948

Report Date/Time: Friday, January 18, 2002 09:38:53

Page 2

Method 200.8 - Summary Report

Sample ID: AE01003

Sample Date/Time: Friday, January 18, 2002 09:40:48

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\AE01003.2351

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	5.263	0.000	0.00200	109.87	ug/L
>	Sc-1	45	800312.266	2.167	800312.266			ug/L
	Cr	52	13984.557	1.748	0.005	0.28658	8.79	ug/L
	Cr	53	1570.485	2.022	0.001	0.51068	7.21	ug/L
	Mn	55	801174.068	4.768	0.999	34.69576	2.67	ug/L
	Ni	60	1518.142	2.991	0.001	0.21322	5.10	ug/L
	Cu	63	8809.355	1.700	0.008	0.77024	3.54	ug/L
	Cu	65	4266.377	1.881	0.004	0.76445	4.88	ug/L
[	Zn	66	2367.665	2.292	0.010	0.52727	6.14	ug/L
	Zn	67	608.026	3.868	0.003	0.87728	7.58	ug/L
	Zn	68	2350.327	1.395	0.012	0.83993	4.88	ug/L
>	Ge	72	143698.956	2.285	143698.956			ug/L
	As	75	7170.028	3.886	0.013	0.71487	22.50	ug/L
	Se	77	259.673	5.172	0.001	0.37604	19.32	ug/L
	Se	82	2391.339	4.262	0.002	1.08697	45.33	ug/L
[	Ag	107	278.674	3.630	0.000	0.00309	36.02	ug/L
>	In	115	1769141.222	2.643	1769141.222			ug/L
	Sb	121	665.031	1.135	0.000	0.05676	3.45	ug/L
	Sb	123	491.014	2.480	0.000	0.05274	4.37	ug/L
[	Ba	135	47521.756	2.823	0.017	13.35012	2.45	ug/L
	Ba	137	82609.501	1.243	0.030	13.13895	1.44	ug/L
>	Ho	165	2743885.476	0.476	2743885.476			ug/L
	Tl	205	1330.444	3.542	-0.000	-0.00872	11.48	ug/L
	Pb	208	7465.934	2.234	-0.005	-0.23550	1.14	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		93.423			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01003

Report Date/Time: Friday, January 18, 2002 09:42:19

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.727
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	96.657
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.237
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01003

Report Date/Time: Friday, January 18, 2002 09:42:19

Page 2

Method 200.8 - Summary Report

Sample ID: AE01004

Sample Date/Time: Friday, January 18, 2002 09:43:40

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\AE01004.2352

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	25.817	0.000	0.00542	162.94	ug/L
>	Sc-1	45	807101.072	1.350	807101.072			ug/L
	Cr	52	15491.344	1.370	0.007	0.38438	7.71	ug/L
	Cr	53	1703.177	1.343	0.001	0.58217	4.08	ug/L
	Mn	55	769415.894	2.175	0.952	33.04773	1.17	ug/L
	Ni	60	1344.780	5.118	0.001	0.16333	14.42	ug/L
	Cu	63	9737.977	1.021	0.010	0.86593	0.43	ug/L
	Cu	65	4578.532	1.338	0.004	0.82798	3.42	ug/L
	Zn	66	1838.538	2.223	0.006	0.32836	3.24	ug/L
	Zn	67	505.019	4.567	0.002	0.65165	9.36	ug/L
	Zn	68	1917.222	6.426	0.009	0.61103	12.30	ug/L
>	Ge	72	145581.738	1.681	145581.738			ug/L
	As	75	7185.883	6.387	0.013	0.68261	18.01	ug/L
	Se	77	252.673	6.972	0.001	0.33192	17.08	ug/L
	Se	82	2404.343	6.802	0.002	1.01750	38.05	ug/L
	Ag	107	221.672	5.287	-0.000	-0.00071	68.06	ug/L
>	In	115	1756518.702	2.201	1756518.702			ug/L
	Sb	121	634.695	6.001	0.000	0.05436	4.15	ug/L
	Sb	123	496.402	1.286	0.000	0.05378	2.93	ug/L
	Ba	135	46755.755	1.871	0.017	13.13756	0.71	ug/L
	Ba	137	83193.849	1.870	0.030	13.24221	4.00	ug/L
>	Ho	165	2743408.413	2.260	2743408.413			ug/L
	Tl	205	1297.773	9.683	-0.000	-0.00944	26.61	ug/L
	Pb	208	7622.988	3.805	-0.005	-0.23290	1.79	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		94.215			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01004

Report Date/Time: Friday, January 18, 2002 09:45:11

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	96.981
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	95.967
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.219
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01004

Report Date/Time: Friday, January 18, 2002 09:45:11

Page 2

Method 200.8 - Summary Report

Sample ID: AE01136

Sample Date/Time: Friday, January 18, 2002 09:46:32

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\AE01136.2353

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	17.558	-0.000	-0.00522	80.27	ug/L
>	Sc-1	45	795046.533	1.067	795046.533			ug/L
	Cr	52	15990.216	2.564	0.008	0.43630	5.43	ug/L
	Cr	53	1729.849	1.773	0.001	0.61388	3.48	ug/L
	Mn	55	651397.470	2.513	0.818	28.40145	3.15	ug/L
	Ni	60	1295.105	2.234	0.001	0.15512	7.50	ug/L
	Cu	63	8709.925	1.534	0.008	0.76536	3.14	ug/L
	Cu	65	4205.349	4.353	0.004	0.75656	6.98	ug/L
	Zn	66	2512.372	2.130	0.011	0.58341	4.55	ug/L
	Zn	67	595.025	4.522	0.003	0.85585	6.53	ug/L
	Zn	68	2401.342	4.773	0.012	0.87110	7.64	ug/L
>	Ge	72	142992.606	0.829	142992.606			ug/L
	As	75	7604.874	1.949	0.017	0.88703	6.73	ug/L
	Se	77	260.673	7.686	0.001	0.38428	19.51	ug/L
	Se	82	2555.718	1.389	0.004	1.64440	7.21	ug/L
	Ag	107	246.672	8.122	0.000	0.00116	130.58	ug/L
>	In	115	1741814.528	1.439	1741814.528			ug/L
	Sb	121	611.027	1.612	0.000	0.05270	0.84	ug/L
	Sb	123	466.103	5.211	0.000	0.05064	5.04	ug/L
	Ba	135	46149.665	1.943	0.017	13.29682	0.92	ug/L
	Ba	137	80817.493	1.420	0.030	13.18457	1.80	ug/L
>	Ho	165	2675300.944	1.194	2675300.944			ug/L
	Tl	205	1114.413	3.204	-0.000	-0.01283	5.94	ug/L
	Pb	208	6792.061	2.597	-0.005	-0.24368	1.48	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		92.808			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01136

Report Date/Time: Friday, January 18, 2002 09:48:04

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.256
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	95.164
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	98.707
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01136

Report Date/Time: Friday, January 18, 2002 09:48:04

Page 2

Method 200.8 - Summary Report

Sample ID: AE01137

Sample Date/Time: Friday, January 18, 2002 09:49:25

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\AE01137.2354

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	22.427	-0.000	-0.00561	82.72	ug/L
>	Sc-1	45	806367.140	1.587	806367.140			ug/L
	Cr	52	14208.904	0.392	0.005	0.29485	5.87	ug/L
	Cr	53	1717.180	4.690	0.001	0.59165	9.35	ug/L
	Mn	55	691407.281	2.361	0.856	29.71879	1.16	ug/L
	Ni	60	1240.764	4.371	0.001	0.13561	13.62	ug/L
	Cu	63	8686.235	1.178	0.008	0.74871	2.00	ug/L
	Cu	65	4183.671	1.762	0.004	0.73734	1.16	ug/L
	Zn	66	1686.507	1.793	0.006	0.28894	1.56	ug/L
	Zn	67	480.684	5.190	0.002	0.62488	5.76	ug/L
	Zn	68	1770.523	2.405	0.008	0.55929	5.63	ug/L
>	Ge	72	142147.745	2.013	142147.745			ug/L
	As	75	7484.106	4.228	0.016	0.85780	7.36	ug/L
	Se	77	268.007	2.691	0.001	0.42246	10.50	ug/L
	Se	82	2516.040	4.771	0.003	1.56202	14.50	ug/L
	Ag	107	211.005	7.916	-0.000	-0.00139	75.60	ug/L
>	In	115	1750570.031	1.512	1750570.031			ug/L
	Sb	121	604.359	1.823	0.000	0.05183	3.56	ug/L
	Sb	123	470.903	3.299	0.000	0.05095	3.87	ug/L
	Ba	135	47119.941	0.697	0.017	13.49714	0.59	ug/L
	Ba	137	81673.135	1.879	0.030	13.24482	2.48	ug/L
>	Ho	165	2691497.800	1.096	2691497.800			ug/L
	Tl	205	1283.104	9.157	-0.000	-0.00919	30.78	ug/L
	Pb	208	7608.994	9.407	-0.005	-0.23066	5.57	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		94.130			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01137

Report Date/Time: Friday, January 18, 2002 09:50:57

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.693
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	95.642
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	99.304
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999988
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01137

Report Date/Time: Friday, January 18, 2002 09:50:57

Page 2

Method 200.8 - Summary Report

Sample ID: AE01138

Sample Date/Time: Friday, January 18, 2002 09:52:39

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\AE01138.2355

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	32.733	0.000	0.00216	452.98	ug/L
>	Sc-1	45	780713.573	0.431	780713.573			ug/L
	Cr	52	16142.148	1.261	0.008	0.46846	4.16	ug/L
	Cr	53	1779.525	4.073	0.001	0.66404	6.48	ug/L
	Mn	55	633091.842	4.821	0.810	28.10877	5.20	ug/L
	Ni	60	1288.104	2.851	0.001	0.15960	6.85	ug/L
	Cu	63	41325.142	1.558	0.050	4.57284	2.05	ug/L
[	Cu	65	20259.424	1.954	0.025	4.61114	2.45	ug/L
	Zn	66	3588.411	0.548	0.020	1.01341	2.56	ug/L
	Zn	67	806.711	5.700	0.005	1.34702	6.24	ug/L
	Zn	68	3186.257	2.530	0.018	1.31736	4.61	ug/L
>	Ge	72	138535.770	1.436	138535.770			ug/L
	As	75	7402.381	1.538	0.017	0.90017	2.68	ug/L
	Se	77	266.007	7.396	0.001	0.44370	22.77	ug/L
[	Se	82	2476.029	2.392	0.004	1.64373	7.91	ug/L
	Ag	107	184.004	4.831	-0.000	-0.00289	22.01	ug/L
>	In	115	1703115.909	1.116	1703115.909			ug/L
	Sb	121	614.027	3.270	0.000	0.05426	2.36	ug/L
[	Sb	123	428.773	7.914	0.000	0.04738	9.02	ug/L
	Ba	135	48070.244	0.996	0.018	13.91890	2.89	ug/L
	Ba	137	83084.817	1.374	0.031	13.61594	1.91	ug/L
>	Ho	165	2664184.999	2.456	2664184.999			ug/L
	Tl	205	1276.770	11.726	-0.000	-0.00899	45.61	ug/L
[	Pb	208	9832.518	6.283	-0.004	-0.19165	7.40	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: AE01138

Report Date/Time: Friday, January 18, 2002 09:54:11

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	92.287
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	93.050
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	98.296
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01138

Report Date/Time: Friday, January 18, 2002 09:54:11

Page 2

Method 200.8 - Summary Report

Sample ID: AE01139

Sample Date/Time: Friday, January 18, 2002 09:57:13

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\AE01139.2356

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	11.355	0.000	0.00083	434.96	ug/L
>	Sc-1	45	803607.294	2.873	803607.294			ug/L
	Cr	52	16308.779	0.382	0.008	0.44726	6.47	ug/L
	Cr	53	2107.599	4.058	0.002	0.83225	10.21	ug/L
	Mn	55	899313.426	1.487	1.118	38.82246	2.58	ug/L
	Ni	60	1681.173	7.418	0.001	0.25638	18.16	ug/L
	Cu	63	63322.418	1.094	0.076	6.92156	2.41	ug/L
	Cu	65	31180.709	2.165	0.038	7.01432	4.65	ug/L
[	Zn	66	7774.401	0.805	0.048	2.47484	0.75	ug/L
	Zn	67	1407.123	2.238	0.009	2.52849	2.65	ug/L
	Zn	68	6194.839	1.278	0.039	2.77004	1.88	ug/L
>	Ge	72	143358.404	1.431	143358.404			ug/L
	As	75	7623.665	6.001	0.017	0.88624	17.42	ug/L
	Se	77	289.007	7.200	0.001	0.49975	15.96	ug/L
	Se	82	2552.718	6.719	0.004	1.61238	31.59	ug/L
[	Ag	107	163.003	5.522	-0.000	-0.00477	16.99	ug/L
>	In	115	1764059.349	2.148	1764059.349			ug/L
	Sb	121	653.697	6.369	0.000	0.05592	8.17	ug/L
	Sb	123	518.779	2.722	0.000	0.05618	5.31	ug/L
[	Ba	135	52352.544	2.126	0.019	14.65724	4.12	ug/L
	Ba	137	90293.107	3.452	0.033	14.31036	5.09	ug/L
>	Ho	165	2756692.473	2.454	2756692.473			ug/L
	Tl	205	970.395	6.288	-0.000	-0.01673	6.73	ug/L
	Pb	208	16800.924	1.453	-0.002	-0.08352	12.16	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		93.807			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01139

Report Date/Time: Friday, January 18, 2002 09:58:45

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.500
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	96.379
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.709
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01139

Report Date/Time: Friday, January 18, 2002 09:58:45

Page 2

Method 200.8 - Summary Report

Sample ID: AE01140

Sample Date/Time: Friday, January 18, 2002 10:00:26

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\AE01140.2357

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	8.646	-0.000	-0.00023	1112.66	ug/L
>	Sc-1	45	803568.221	1.602	803568.221			ug/L
	Cr	52	21943.005	1.137	0.015	0.84559	1.64	ug/L
	Cr	53	4521.505	5.622	0.005	2.28850	5.69	ug/L
	Mn	55	2569314.469	2.034	3.196	110.96937	1.33	ug/L
	Ni	60	4138.650	3.029	0.004	0.91965	5.44	ug/L
	Cu	63	115049.898	2.617	0.141	12.75744	2.02	ug/L
	Cu	65	56191.035	1.240	0.069	12.81922	2.72	ug/L
[	Zn	66	6730.559	2.427	0.041	2.11059	3.61	ug/L
	Zn	67	1516.475	5.599	0.009	2.76773	5.64	ug/L
	Zn	68	6160.151	4.887	0.039	2.76744	6.27	ug/L
>	Ge	72	142697.677	0.717	142697.677			ug/L
	As	75	7747.571	4.172	0.018	0.94595	13.07	ug/L
	Se	77	573.357	2.209	0.003	1.69649	4.07	ug/L
	Se	82	2502.703	3.481	0.003	1.49103	19.13	ug/L
[	Ag	107	146.336	1.578	-0.000	-0.00583	3.88	ug/L
>	In	115	1750112.381	2.132	1750112.381			ug/L
	Sb	121	814.045	4.788	0.000	0.07109	6.18	ug/L
	Sb	123	636.188	4.726	0.000	0.07054	5.91	ug/L
[	Ba	135	104805.081	1.035	0.038	29.41644	1.85	ug/L
	Ba	137	182812.469	2.053	0.066	29.03462	1.28	ug/L
>	Ho	165	2756665.323	1.292	2756665.323			ug/L
	Tl	205	950.395	27.467	-0.000	-0.01711	35.18	ug/L
	Pb	208	19620.413	1.725	-0.001	-0.03758	24.57	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		93.803			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01140

Report Date/Time: Friday, January 18, 2002 10:01:58

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.060
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	95.617
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.708
	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: AE01140

Report Date/Time: Friday, January 18, 2002 10:01:58

Page 2

Method 200.8 - Summary Report

Sample ID: AE01141

Sample Date/Time: Friday, January 18, 2002 10:06:14

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\AE01141.2358

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	38.978	0.000	0.00544	230.31	ug/L
>	Sc-1	45	788629.924	2.213	788629.924			ug/L
	Cr	52	13994.571	1.235	0.005	0.30223	11.07	ug/L
	Cr	53	2166.947	2.035	0.002	0.89153	1.51	ug/L
	Mn	55	596777.590	3.618	0.755	26.22307	2.70	ug/L
	Ni	60	1397.121	3.734	0.001	0.18626	11.39	ug/L
	Cu	63	68655.688	1.946	0.085	7.66920	2.18	ug/L
	Cu	65	33179.151	3.514	0.041	7.62498	5.79	ug/L
	Zn	66	9135.682	2.796	0.057	2.96641	2.58	ug/L
	Zn	67	1688.174	5.838	0.011	3.11281	8.34	ug/L
	Zn	68	6956.397	1.528	0.044	3.15452	3.32	ug/L
>	Ge	72	143279.200	1.572	143279.200			ug/L
	As	75	7426.307	2.565	0.015	0.81534	8.54	ug/L
	Se	77	277.340	3.272	0.001	0.45238	10.73	ug/L
	Se	82	2471.361	1.550	0.003	1.35860	9.51	ug/L
	Ag	107	180.004	1.925	-0.000	-0.00331	8.11	ug/L
>	In	115	1721727.441	2.108	1721727.441			ug/L
	Sb	121	575.691	2.409	0.000	0.05008	2.87	ug/L
	Sb	123	460.224	1.683	0.000	0.05062	4.08	ug/L
	Ba	135	47058.298	1.270	0.017	13.42649	1.86	ug/L
	Ba	137	83326.524	2.966	0.031	13.46767	5.17	ug/L
>	Ho	165	2702621.503	2.422	2702621.503			ug/L
	Tl	205	1249.765	6.658	-0.000	-0.01007	17.09	ug/L
	Pb	208	16026.332	0.811	-0.002	-0.09097	8.45	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		92.059			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01141

Report Date/Time: Friday, January 18, 2002 10:07:46

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.447
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	94.067
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	99.715
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999988
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
>	Zn	68Linear Thru Zero	0.999995
	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
>	Ba	137Linear Thru Zero	0.999992
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01141

Report Date/Time: Friday, January 18, 2002 10:07:46

Page 2

Method 200.8 - Summary Report

Sample ID: CCV CAL BK

Sample Date/Time: Friday, January 18, 2002 10:21:12

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\CCV CAL BK.2359

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	15.667	30.165	-0.000	-0.00348	206.98	ug/L
> Sc-1	45	805608.124	0.892	805608.124			ug/L
Cr	52	9915.504	1.364	-0.000	-0.00738	188.57	ug/L
Cr	53	1032.402	4.174	0.000	0.17986	17.14	ug/L
Mn	55	1305.774	3.102	0.000	0.00479	42.61	ug/L
Ni	60	747.705	6.479	0.000	0.00303	476.59	ug/L
Cu	63	2065.922	2.162	0.000	0.00417	143.18	ug/L
Cu	65	1055.405	1.381	0.000	0.01377	25.58	ug/L
Zn	66	791.042	7.077	-0.001	-0.03604	67.55	ug/L
Zn	67	205.004	14.197	0.000	0.05074	106.09	ug/L
Zn	68	577.024	2.553	-0.001	-0.04464	23.14	ug/L
> Ge	72	142235.641	1.500	142235.641			ug/L
As	75	6322.448	2.197	0.008	0.42421	19.57	ug/L
Se	77	180.337	7.488	0.000	0.05350	120.06	ug/L
Se	82	2445.687	2.607	0.003	1.33550	21.82	ug/L
Ag	107	219.338	9.224	-0.000	-0.00090	162.40	ug/L
> In	115	1761019.756	0.889	1761019.756			ug/L
Sb	121	52.334	1.103	0.000	0.00117	4.18	ug/L
Sb	123	39.675	11.983	-0.000	-0.00009	616.97	ug/L
Ba	135	288.007	3.086	-0.000	-0.00370	29.53	ug/L
Ba	137	475.017	2.428	-0.000	-0.00056	428.45	ug/L
> Ho	165	2663312.323	2.289	2663312.323			ug/L
Tl	205	1114.746	6.560	-0.000	-0.01272	9.12	ug/L
Pb	208	19205.122	0.910	-0.001	-0.03335	18.49	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		94.041			
Cr	52					
Cr	53					
Mn	55					
Ni	60					

Se⁷⁷ will be used to
report the next samples!

Sample ID: CCV CAL BK

Report Date/Time: Friday, January 18, 2002 10:22:44

Page 1

LD

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.752
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	96.213
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	98.264
	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: CCV CAL BK

Report Date/Time: Friday, January 18, 2002 10:22:44

Page 2

Method 200.8 - Summary Report**Sample ID: CCV STD1 30 PPB**

Sample Date/Time: Friday, January 18, 2002 10:24:46

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.2360

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	19177.737	1.875	0.024	30.69003	4.56	ug/L
>	Sc-1	45	788721.704	3.033	788721.704			ug/L
	Cr	52	427286.852	1.036	0.530	30.12474	4.13	ug/L
	Cr	53	50184.040	2.834	0.063	30.45153	2.40	ug/L
	Mn	55	684778.476	1.218	0.867	30.11157	3.02	ug/L
	Ni	60	107327.971	1.216	0.135	29.35474	4.29	ug/L
	Cu	63	248669.739	3.384	0.313	28.37194	2.52	ug/L
	Cu	65	124549.338	2.620	0.157	29.26516	5.71	ug/L
[	Zn	66	83101.738	2.431	0.587	30.26232	1.59	ug/L
	Zn	67	14684.664	0.088	0.104	30.61574	0.91	ug/L
	Zn	68	60874.417	0.899	0.430	30.88311	1.55	ug/L
>	Ge	72	140165.053	0.858	140165.053			ug/L
	As	75	86910.056	1.215	0.584	30.97381	2.16	ug/L
	Se	77	7163.896	3.725	0.050	29.82860	2.98	ug/L
	Se	82	11673.274	1.193	0.069	31.62904	0.55	ug/L
[	Ag	107	421807.019	1.127	0.240	28.97292	2.76	ug/L
>	In	115	1753694.921	1.683	1753694.921			ug/L
	Sb	121	325290.265	2.660	0.185	29.76105	0.99	ug/L
	Sb	123	248617.299	0.524	0.142	29.35032	2.08	ug/L
[	Ba	135	98567.215	1.664	0.037	28.71664	1.09	ug/L
	Ba	137	171315.295	1.161	0.064	28.26035	3.79	ug/L
>	Ho	165	2655702.594	2.629	2655702.594			ug/L
	Tl	205	1251271.836	2.179	0.471	28.37448	4.50	ug/L
	Pb	208	1739183.794	2.053	0.647	29.13314	4.29	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		92.070			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: CCV STD1 30 PPB

Report Date/Time: Friday, January 18, 2002 10:26:17

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	93.373
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	95.813
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	97.983
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999988
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999952
	Cr 53Linear Thru Zero	0.999961
	Mn 55Linear Thru Zero	0.999955
	Ni 60Linear Thru Zero	0.999855
	Cu 63Linear Thru Zero	0.999678
	Cu 65Linear Thru Zero	0.999727
	Zn 66Linear Thru Zero	0.999975
	Zn 67Linear Thru Zero	0.999975
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999989
	Se 82Linear Thru Zero	0.999997
	Ag 107Linear Thru Zero	0.999952
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	0.999937
	Sb 123Linear Thru Zero	0.999962
	Ba 135Linear Thru Zero	0.999996
	Ba 137Linear Thru Zero	0.999992
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999984
	Pb 208Linear Thru Zero	0.999958

Sample ID: CCV STD1 30 PPB

Report Date/Time: Friday, January 18, 2002 10:26:17

Page 2

Method 200.8 - Summary Report

Sample ID: CCV STD2 60 PPB

Sample Date/Time: Friday, January 18, 2002 10:28:57

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.2361

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	37732.926	3.680	0.048	60.38538	5.56	ug/L
>	Sc-1	45	788916.438	2.119	788916.438			ug/L
	Cr	52	833925.425	1.299	1.045	59.43202	3.47	ug/L
	Cr	53	97947.477	0.515	0.123	59.84031	1.63	ug/L
	Mn	55	1328492.025	0.416	1.683	58.43977	2.55	ug/L
	Ni	60	210602.249	0.089	0.266	57.74523	2.17	ug/L
	Cu	63	507845.344	2.689	0.641	58.15348	0.63	ug/L
	Cu	65	247605.900	2.592	0.313	58.36470	4.75	ug/L
	Zn	66	164927.021	1.101	1.184	61.10264	0.43	ug/L
	Zn	67	28452.412	1.396	0.204	60.39454	2.89	ug/L
	Zn	68	117847.537	1.479	0.846	60.82135	2.30	ug/L
>	Ge	72	138529.694	1.514	138529.694			ug/L
	As	75	162753.285	1.739	1.139	60.43353	3.36	ug/L
	Se	77	14184.205	2.908	0.101	60.46725	1.91	ug/L
	Se	82	20369.667	1.035	0.133	60.86873	1.98	ug/L
	Ag	107	831141.372	1.261	0.490	59.09694	1.06	ug/L
>	In	115	1694147.901	1.343	1694147.901			ug/L
	Sb	121	641849.633	2.263	0.379	60.80019	2.12	ug/L
	Sb	123	499277.613	1.179	0.295	61.01827	2.51	ug/L
	Ba	135	199701.427	1.902	0.076	59.13214	0.41	ug/L
	Ba	137	351686.916	1.942	0.134	58.95218	3.54	ug/L
>	Ho	165	2616684.306	2.060	2616684.306			ug/L
	Tl	205	2611491.672	2.160	0.998	60.13533	4.22	ug/L
	Pb	208	3430680.187	2.090	1.304	58.66972	3.77	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		92.093			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: CCV STD2 60 PPB

Report Date/Time: Friday, January 18, 2002 10:30:29

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	92.283
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.560
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	96.544
	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: CCV STD2 60 PPB

Report Date/Time: Friday, January 18, 2002 10:30:29

Page 2

Method 200.8 - Summary Report

Sample ID: AE01142

Sample Date/Time: Friday, January 18, 2002 10:34:54

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\AE01142.2362

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	22.334	31.450	0.000	0.00613	177.08	ug/L
>	Sc-1	45	826061.916	2.835	826061.916			ug/L
	Cr	52	16955.304	1.976	0.008	0.46053	9.33	ug/L
	Cr	53	1710.845	3.450	0.001	0.56297	3.38	ug/L
	Mn	55	506360.971	7.222	0.613	21.27239	9.91	ug/L
	Ni	60	1287.437	1.393	0.001	0.13985	3.46	ug/L
	Cu	63	59682.960	2.683	0.070	6.32489	0.16	ug/L
	Cu	65	29500.429	2.033	0.035	6.43822	4.95	ug/L
[	Zn	66	5865.618	3.115	0.033	1.71861	2.08	ug/L
	Zn	67	1149.751	1.678	0.006	1.92019	2.58	ug/L
	Zn	68	4781.305	1.174	0.028	1.98294	1.08	ug/L
>	Ge	72	148191.399	1.553	148191.399			ug/L
	As	75	7717.645	2.714	0.016	0.82820	6.87	ug/L
	Se	77	255.006	5.143	0.001	0.32327	11.55	ug/L
	Se	82	2575.724	3.208	0.003	1.41827	14.60	ug/L
[	Ag	107	703.701	11.530	0.000	0.03105	17.08	ug/L
>	In	115	1805173.808	0.859	1805173.808			ug/L
	Sb	121	743.371	4.503	0.000	0.06248	3.89	ug/L
	Sb	123	615.156	2.578	0.000	0.06580	2.22	ug/L
[	Ba	135	46967.497	1.304	0.017	13.04196	2.63	ug/L
	Ba	137	81262.839	2.168	0.029	12.77822	4.45	ug/L
>	Ho	165	2776655.408	2.262	2776655.408			ug/L
	Tl	205	781.708	3.585	-0.000	-0.02095	4.75	ug/L
	Pb	208	13148.551	0.910	-0.003	-0.14477	3.84	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		96.429			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01142

Report Date/Time: Friday, January 18, 2002 10:36:25

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	98.719
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	98.626
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	102.446
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01142

Report Date/Time: Friday, January 18, 2002 10:36:25

Page 2

Method 200.8 - Summary Report

Sample ID: AE01142

Sample Date/Time: Friday, January 18, 2002 10:38:23

Sample Type: QC Duplicate

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\Dataset\daily performance\AE01142.2363

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL): 5e+001

Diluted To Volume (mL): 1e+002

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	16.334	12.745	-0.000	-0.00577	123.53	ug/L
>	Sc-1	45	822286.482	1.595	822286.482			ug/L
	Cr	52	12487.033	2.956	0.003	0.31248	15.45	ug/L
	Cr	53	1493.804	1.221	0.001	0.87915	3.32	ug/L
	Mn	55	235481.469	1.249	0.285	19.78833	2.34	ug/L
	Ni	60	703.034	3.168	-0.000	-0.02567	63.63	ug/L
	Cu	63	31164.978	1.281	0.035	6.41925	1.91	ug/L
	Cu	65	15402.197	2.707	0.018	6.53080	4.41	ug/L
[	Zn	66	3514.381	2.119	0.017	1.76124	3.61	ug/L
	Zn	67	703.034	3.590	0.003	2.01063	4.04	ug/L
	Zn	68	2880.819	2.832	0.014	2.07710	4.54	ug/L
>	Ge	72	150631.561	0.743	150631.561			ug/L
	As	75	7078.650	3.948	0.011	1.11762	20.03	ug/L
	Se	77	210.005	7.393	0.000	0.25760	52.36	ug/L
	Se	82	2515.373	3.481	0.002	2.21431	28.10	ug/L
[	Ag	107	273.007	2.930	0.000	0.00402	16.57	ug/L
>	In	115	1835454.055	1.072	1835454.055			ug/L
	Sb	121	397.013	4.370	0.000	0.06223	4.63	ug/L
	Sb	123	304.888	7.432	0.000	0.05925	7.48	ug/L
[	Ba	135	23544.358	1.817	0.009	13.20119	3.53	ug/L
	Ba	137	40978.564	0.882	0.015	13.01138	1.44	ug/L
>	Ho	165	2732598.874	1.723	2732598.874			ug/L
	Tl	205	813.045	4.316	-0.000	-0.04001	3.48	ug/L
	Pb	208	7592.983	2.313	-0.005	-0.46580	1.00	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					6736.643
>	Sc-1	45		95.988			
	Cr	52					38.305
	Cr	53					43.850
	Mn	55					✓ 7.229
	Ni	60					289.931

Sample ID: AE01142

Report Date/Time: Friday, January 18, 2002 10:39:54

Page 1

	Cu	63		✓ 1.481
	Cu	65		1.428
	Zn	66		2.450
	Zn	67		✓ 4.602
	Zn	68		4.639
>	Ge	72	100.345	
	As	75		29.748
	Se	77		22.609
	Se	82		43.827
	Ag	107		154.151
>	In	115	100.280	
	Sb	121		0.392
	Sb	123		10.461
	Ba	135		1.213
	Ba	137		✓ 1.808
>	Ho	165	100.821	
	Tl	205		62.514
	Pb	208		105.158

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999988
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999952
	Cr 53Linear Thru Zero	0.999961
	Mn 55Linear Thru Zero	0.999955
	Ni 60Linear Thru Zero	0.999855
	Cu 63Linear Thru Zero	0.999678
	Cu 65Linear Thru Zero	0.999727
	Zn 66Linear Thru Zero	0.999975
	Zn 67Linear Thru Zero	0.999975
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999989
	Se 82Linear Thru Zero	0.999997
	Ag 107Linear Thru Zero	0.999952
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	0.999937
	Sb 123Linear Thru Zero	0.999962
	Ba 135Linear Thru Zero	0.999996
	Ba 137Linear Thru Zero	0.999992
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999984
	Pb 208Linear Thru Zero	0.999958

Sample ID: AE01142

Report Date/Time: Friday, January 18, 2002 10:39:54

Page 2

Method 200.8 - Summary Report

Sample ID: AE01142

Sample Date/Time: Friday, January 18, 2002 10:41:22

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\AE01142.2364

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	33079.107	3.045	0.043	53.69088	4.99	ug/L
>	Sc-1	45	777767.558	2.008	777767.558			ug/L
	Cr	52	710898.961	1.948	0.902	51.29659	3.95	ug/L
	Cr	53	82898.777	1.080	0.106	51.31159	2.27	ug/L
	Mn	55	1642881.860	2.546	2.111	73.28895	1.07	ug/L
	Ni	60	178883.756	2.091	0.229	49.73498	4.01	ug/L
	Cu	63	463327.364	3.008	0.593	53.80300	2.20	ug/L
	Cu	65	232175.469	1.998	0.297	55.49244	3.94	ug/L
[	Zn	66	149890.730	2.843	1.044	53.88276	0.83	ug/L
	Zn	67	25677.140	1.507	0.179	52.88200	2.42	ug/L
	Zn	68	109207.472	0.749	0.761	54.71547	3.07	ug/L
>	Ge	72	142656.089	2.426	142656.089			ug/L
	As	75	151047.944	2.182	1.023	54.29312	4.50	ug/L
	Se	77	13434.725	2.656	0.093	55.56252	0.60	ug/L
	Se	82	19648.742	0.978	0.124	56.62636	3.73	ug/L
[	Ag	107	687297.240	2.299	0.390	46.98651	4.13	ug/L
>	In	115	1762772.490	2.131	1762772.490			ug/L
	Sb	121	582169.912	1.606	0.330	53.00189	0.72	ug/L
	Sb	123	450334.929	0.800	0.256	52.90043	2.59	ug/L
	Ba	135	211334.155	1.847	0.078	60.65304	1.04	ug/L
	Ba	137	366559.074	3.622	0.136	59.55408	4.80	ug/L
>	Ho	165	2699782.399	1.809	2699782.399			ug/L
	Tl	205	2207059.945	2.720	0.817	49.23408	3.35	ug/L
	Pb	208	2852506.204	1.766	1.049	47.20735	3.38	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9			107.370		
>	Sc-1	45		90.791			
	Cr	52			101.672		
	Cr	53			101.497		
	Mn	55			104.033		
	Ni	60			99.190		

Sample ID: AE01142

Report Date/Time: Friday, January 18, 2002 10:42:54

Page 1

	Cu	63		94.956
	Cu	65		98.108
	Zn	66		104.328
	Zn	67		101.924
	Zn	68		105.465
>	Ge	72	95.032	
	As	75		106.930
	Se	77		110.479
	Se	82		110.416
	Ag	107		93.911
>	In	115	96.309	
	Sb	121		105.879
	Sb	123		105.669
	Ba	135		95.222
	Ba	137		93.552
>	Ho	165	99.610	
	Tl	205		98.510
	Pb	208		189.408

94.2%

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999988
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999952
	Cr 53Linear Thru Zero	0.999961
	Mn 55Linear Thru Zero	0.999955
	Ni 60Linear Thru Zero	0.999855
	Cu 63Linear Thru Zero	0.999678
	Cu 65Linear Thru Zero	0.999727
	Zn 66Linear Thru Zero	0.999975
	Zn 67Linear Thru Zero	0.999975
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999989
	Se 82Linear Thru Zero	0.999997
	Ag 107Linear Thru Zero	0.999952
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	0.999937
	Sb 123Linear Thru Zero	0.999962
	Ba 135Linear Thru Zero	0.999996
	Ba 137Linear Thru Zero	0.999992
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999984
	Pb 208Linear Thru Zero	0.999958

Pb was 25 ug/L
instead of 50 ppb in
table 1.

Sample ID: AE01142

Report Date/Time: Friday, January 18, 2002 10:42:54

Page 2

Method 200.8 - Summary Report

Sample ID: AE01220

Sample Date/Time: Friday, January 18, 2002 10:46:48

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\AE01220.2365

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	33.045	-0.000	-0.00125	702.84	ug/L
>	Sc-1	45	787230.213	1.870	787230.213			ug/L
	Cr	52	16877.494	2.438	0.009	0.51245	10.32	ug/L
	Cr	53	1857.876	5.907	0.001	0.70390	11.35	ug/L
	Mn	55	692035.469	2.169	0.878	30.48733	4.07	ug/L
	Ni	60	1275.102	4.769	0.001	0.15296	8.09	ug/L
	Cu	63	8924.468	0.954	0.009	0.80000	2.36	ug/L
	Cu	65	4126.311	2.956	0.004	0.74768	5.50	ug/L
	Zn	66	1713.179	3.034	0.006	0.30333	8.29	ug/L
	Zn	67	523.020	4.521	0.002	0.72147	7.40	ug/L
	Zn	68	1809.198	3.097	0.008	0.58533	5.24	ug/L
>	Ge	72	141119.143	1.709	141119.143			ug/L
	As	75	7540.229	2.143	0.017	0.90128	12.02	ug/L
	Se	77	241.339	3.524	0.001	0.31789	16.78	ug/L
	Se	82	2504.037	1.903	0.003	1.58826	18.17	ug/L
	Ag	107	505.352	7.336	0.000	0.01918	14.82	ug/L
>	In	115	1736216.122	0.803	1736216.122			ug/L
	Sb	121	629.695	5.489	0.000	0.05463	6.57	ug/L
	Sb	123	474.358	12.585	0.000	0.05182	13.87	ug/L
	Ba	135	46873.010	1.338	0.017	13.37603	2.25	ug/L
	Ba	137	81699.983	1.056	0.030	13.19727	0.97	ug/L
>	Ho	165	2702039.720	2.011	2702039.720			ug/L
	Tl	205	837.380	4.718	-0.000	-0.01924	6.46	ug/L
	Pb	208	6080.846	1.210	-0.006	-0.25664	1.04	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		91.896			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01220

Report Date/Time: Friday, January 18, 2002 10:48:20

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.008
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	94.858
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	99.693
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	* Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01220

Report Date/Time: Friday, January 18, 2002 10:48:20

Page 2

Method 200.8 - Summary Report

Sample ID: AE01221

Sample Date/Time: Friday, January 18, 2002 10:49:45

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\AE01221.2366

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	14.667	19.682	-0.000	-0.00417	120.75	ug/L
>	Sc-1	45	778669.513	2.733	778669.513			ug/L
	Cr	52	17660.324	2.958	0.010	0.58290	8.26	ug/L
	Cr	53	1807.198	5.138	0.001	0.68466	9.15	ug/L
	Mn	55	639340.564	1.603	0.820	28.46385	1.26	ug/L
	Ni	60	1245.765	6.979	0.001	0.14932	22.13	ug/L
	Cu	63	8999.217	5.396	0.009	0.81938	3.90	ug/L
[	Cu	65	4393.439	1.175	0.004	0.82232	1.99	ug/L
	Zn	66	1729.182	1.653	0.006	0.31317	0.43	ug/L
	Zn	67	504.686	3.502	0.002	0.69020	7.03	ug/L
	Zn	68	1872.878	3.696	0.009	0.62445	7.86	ug/L
>	Ge	72	140186.816	1.456	140186.816			ug/L
	As	75	7601.928	1.941	0.018	0.94218	2.43	ug/L
	Se	77	256.673	2.737	0.001	0.38964	9.26	ug/L
[	Se	82	2563.387	3.232	0.004	1.83180	8.08	ug/L
	Ag	107	224.338	8.284	-0.000	-0.00016	604.77	ug/L
>	In	115	1714701.017	2.355	1714701.017			ug/L
	Sb	121	587.358	0.968	0.000	0.05139	1.52	ug/L
[	Sb	123	460.030	2.699	0.000	0.05082	4.55	ug/L
	Ba	135	46679.060	2.746	0.018	13.66574	0.46	ug/L
	Ba	137	80669.540	1.703	0.030	13.37854	4.14	ug/L
>	Ho	165	2633517.245	2.661	2633517.245			ug/L
	Tl	205	877.718	4.615	-0.000	-0.01782	8.15	ug/L
[	Pb	208	7881.092	1.184	-0.005	-0.22319	2.15	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		90.896			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01221

Report Date/Time: Friday, January 18, 2002 10:51:17

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	93.387
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	93.683
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	97.165
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01221

Report Date/Time: Friday, January 18, 2002 10:51:17

Page 2

Method 200.8 - Summary Report

Sample ID: AE01222

Sample Date/Time: Friday, January 18, 2002 11:07:40

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\AE01222.2367

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	26.334	5.801	0.000	0.01422	14.91	ug/L
>	Sc-1	45	787301.110	1.798	787301.110			ug/L
	Cr	52	14665.300	0.845	0.006	0.35213	5.93	ug/L
	Cr	53	1996.906	3.411	0.002	0.78933	7.02	ug/L
	Mn	55	560333.556	5.758	0.710	24.65019	4.20	ug/L
	Ni	60	1317.109	9.189	0.001	0.16505	24.04	ug/L
	Cu	63	58237.542	1.215	0.071	6.48140	0.96	ug/L
	Cu	65	28082.932	1.836	0.034	6.42649	3.28	ug/L
[	Zn	66	11457.332	2.068	0.074	3.79242	1.52	ug/L
	Zn	67	1969.900	3.202	0.012	3.68113	1.71	ug/L
	Zn	68	8539.095	2.237	0.055	3.93922	4.57	ug/L
>	Ge	72	143635.907	2.089	143635.907			ug/L
	As	75	7185.465	1.311	0.014	0.71995	7.97	ug/L
	Se	77	265.007	2.642	0.001	0.39823	10.07	ug/L
	Se	82	2412.011	1.219	0.003	1.15180	19.85	ug/L
[	Ag	107	466.017	2.261	0.000	0.01663	4.57	ug/L
>	In	115	1726054.126	1.942	1726054.126			ug/L
	Sb	121	680.366	3.056	0.000	0.05968	4.03	ug/L
	Sb	123	499.899	2.109	0.000	0.05524	4.38	ug/L
[	Ba	135	44883.026	2.722	0.016	12.79029	1.70	ug/L
	Ba	137	80070.702	2.639	0.029	12.92537	3.95	ug/L
>	Ho	165	2704106.991	1.340	2704106.991			ug/L
	Tl	205	1260.100	5.741	-0.000	-0.00985	15.68	ug/L
	Pb	208	12804.313	1.626	-0.003	-0.14481	4.14	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		91.904			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01222

Report Date/Time: Friday, January 18, 2002 11:09:12

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.685
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	94.303
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	99.769
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01222

Report Date/Time: Friday, January 18, 2002 11:09:12

Page 2

Method 200.8 - Summary Report

Sample ID: AE01223

Sample Date/Time: Friday, January 18, 2002 11:10:55

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\AE01223.2368

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	30.816	-0.000	-0.00103	819.86	ug/L
>	Sc-1	45	765459.960	1.209	765459.960			ug/L
	Cr	52	17737.470	2.275	0.011	0.61041	4.83	ug/L
	Cr	53	2046.584	2.723	0.002	0.85587	5.77	ug/L
	Mn	55	485439.197	5.811	0.633	21.96292	4.93	ug/L
	Ni	60	1226.762	4.648	0.001	0.14943	12.46	ug/L
	Cu	63	50127.411	3.131	0.063	5.71315	4.41	ug/L
	Cu	65	24507.909	1.740	0.031	5.74382	2.64	ug/L
	Zn	66	6281.566	2.127	0.039	2.02225	4.18	ug/L
	Zn	67	1213.427	5.266	0.008	2.22054	4.26	ug/L
	Zn	68	5150.844	2.839	0.033	2.34338	5.01	ug/L
>	Ge	72	138225.478	1.664	138225.478			ug/L
	As	75	7303.129	6.181	0.016	0.86995	23.14	ug/L
	Se	77	260.673	3.460	0.001	0.42237	9.23	ug/L
	Se	82	2466.027	7.252	0.004	1.63395	40.69	ug/L
	Ag	107	280.340	3.661	0.000	0.00439	17.27	ug/L
>	In	115	1663815.066	1.579	1663815.066			ug/L
	Sb	121	559.690	4.664	0.000	0.05039	4.67	ug/L
	Sb	123	432.804	0.436	0.000	0.04911	1.34	ug/L
	Ba	135	45282.314	2.091	0.017	13.37225	3.74	ug/L
	Ba	137	79399.384	1.199	0.030	13.27045	1.47	ug/L
>	Ho	165	2611851.623	2.559	2611851.623			ug/L
	Tl	205	835.380	10.685	-0.000	-0.01862	13.76	ug/L
	Pb	208	12828.030	3.430	-0.003	-0.13671	9.45	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		89.354			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01223

Report Date/Time: Friday, January 18, 2002 11:12:27

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	92.081
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	90.903
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	96.366
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999988
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01223

Report Date/Time: Friday, January 18, 2002 11:12:27

Page 2

Method 200.8 - Summary Report

Sample ID: AE01224

Sample Date/Time: Friday, January 18, 2002 11:14:11

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\AE01224.2369

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	25.000	22.271	0.000	0.01325	64.52	ug/L
>	Sc-1	45	763167.096	1.952	763167.096			ug/L
	Cr	52	22290.853	0.920	0.017	0.95386	2.23	ug/L
	Cr	53	2745.109	2.716	0.003	1.30429	4.91	ug/L
	Mn	55	577700.903	6.147	0.755	26.22977	5.52	ug/L
	Ni	60	1491.471	4.818	0.001	0.22578	10.04	ug/L
	Cu	63	40036.744	2.718	0.050	4.52966	1.63	ug/L
	Cu	65	19592.286	0.706	0.024	4.56060	2.64	ug/L
	Zn	66	4872.021	2.514	0.029	1.48101	4.19	ug/L
	Zn	67	1004.732	1.179	0.006	1.75769	0.80	ug/L
	Zn	68	4062.948	0.705	0.024	1.75969	2.08	ug/L
>	Ge	72	139347.990	1.076	139347.990			ug/L
	As	75	7231.179	1.764	0.015	0.81893	9.30	ug/L
	Se	77	296.341	3.329	0.001	0.56615	7.39	ug/L
	Se	82	2392.005	2.085	0.003	1.32116	16.99	ug/L
	Ag	107	250.339	5.058	0.000	0.00168	67.63	ug/L
>	In	115	1716121.438	1.441	1716121.438			ug/L
	Sb	121	562.690	5.339	0.000	0.04903	5.71	ug/L
	Sb	123	453.599	2.333	0.000	0.04997	1.45	ug/L
	Ba	135	47280.806	2.092	0.018	13.62151	2.76	ug/L
	Ba	137	81913.657	2.236	0.030	13.35801	2.28	ug/L
>	Ho	165	2676666.197	1.846	2676666.197			ug/L
	Tl	205	989.064	6.811	-0.000	-0.01568	7.49	ug/L
	Pb	208	15792.802	2.560	-0.002	-0.09233	11.01	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		89.087			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01224

Report Date/Time: Friday, January 18, 2002 11:15:43

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	92.828
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	93.760
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	98.757
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01224

Report Date/Time: Friday, January 18, 2002 11:15:43

Page 2

Method 200.8 - Summary Report

Sample ID: AE01225

Sample Date/Time: Friday, January 18, 2002 11:19:29

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\AE01225.2370

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	22.334	2.585	0.000	0.00860	13.61	ug/L
>	Sc-1	45	770694.646	3.722	770694.646			ug/L
	Cr	52	18204.731	2.364	0.011	0.63783	12.59	ug/L
	Cr	53	2652.424	20.420	0.003	1.22500	24.95	ug/L
	Mn	55	541445.133	3.689	0.702	24.37545	6.36	ug/L
	Ni	60	1327.777	3.573	0.001	0.17586	12.50	ug/L
	Cu	63	69184.060	2.573	0.087	7.91615	1.40	ug/L
	Cu	65	33402.946	2.485	0.042	7.86795	6.40	ug/L
[	Zn	66	7646.291	1.917	0.048	2.46241	2.42	ug/L
	Zn	67	1410.457	3.030	0.009	2.57196	5.18	ug/L
	Zn	68	6088.099	2.025	0.038	2.75393	2.96	ug/L
>	Ge	72	141636.800	1.811	141636.800			ug/L
	As	75	7290.676	6.641	0.015	0.79842	27.50	ug/L
	Se	77	274.674	5.897	0.001	0.45366	10.98	ug/L
	Se	82	2449.689	5.888	0.003	1.38548	41.99	ug/L
[	Ag	107	240.672	5.672	0.000	0.00089	57.27	ug/L
>	In	115	1725490.176	3.435	1725490.176			ug/L
	Sb	121	560.690	7.424	0.000	0.04853	5.57	ug/L
	Sb	123	440.689	3.962	0.000	0.04819	7.05	ug/L
[	Ba	135	44982.129	0.523	0.017	13.17344	1.67	ug/L
	Ba	137	80180.243	1.801	0.030	13.29876	3.69	ug/L
>	Ho	165	2632582.513	2.009	2632582.513			ug/L
	Tl	205	650.030	1.009	-0.000	-0.02305	1.92	ug/L
	Pb	208	26979.644	1.232	0.002	0.10335	9.56	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		89.965			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01225

Report Date/Time: Friday, January 18, 2002 11:21:01

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.353
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	94.272
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	97.130
	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: AE01225

Report Date/Time: Friday, January 18, 2002 11:21:01

Page 2

Method 200.8 - Summary Report

Sample ID: AE01226

Sample Date/Time: Friday, January 18, 2002 11:25:04

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\AE01226.2371

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	17.000	11.765	-0.000	-0.00101	298.83	ug/L
>	Sc-1	45	795142.831	1.770	795142.831			ug/L
	Cr	52	17094.916	4.404	0.009	0.51600	14.12	ug/L
	Cr	53	2212.625	4.489	0.002	0.90879	7.51	ug/L
	Mn	55	326941.364	9.823	0.410	14.24367	11.61	ug/L
	Ni	60	1244.764	5.275	0.001	0.14124	11.36	ug/L
	Cu	63	57669.582	0.191	0.070	6.35118	1.77	ug/L
	Cu	65	27871.635	3.271	0.034	6.31236	4.95	ug/L
[	Zn	66	4413.783	2.767	0.025	1.29574	3.31	ug/L
	Zn	67	926.390	5.955	0.005	1.57293	7.08	ug/L
	Zn	68	3761.149	0.547	0.022	1.58574	0.91	ug/L
>	Ge	72	140656.185	0.430	140656.185			ug/L
	As	75	7635.613	2.349	0.018	0.94543	7.30	ug/L
	Se	77	261.340	4.676	0.001	0.40573	13.65	ug/L
	Se	82	2568.722	4.045	0.004	1.82258	18.29	ug/L
[	Ag	107	183.004	11.859	-0.000	-0.00308	49.65	ug/L
>	In	115	1719372.550	0.431	1719372.550			ug/L
	Sb	121	565.357	6.457	0.000	0.04917	6.65	ug/L
	Sb	123	439.683	9.256	0.000	0.04818	9.74	ug/L
[	Ba	135	44572.465	1.627	0.017	13.19305	1.36	ug/L
	Ba	137	78145.572	1.117	0.030	13.09692	2.13	ug/L
>	Ho	165	2604311.707	1.507	2604311.707			ug/L
	Tl	205	692.367	6.470	-0.000	-0.02190	5.48	ug/L
	Pb	208	16737.539	1.780	-0.002	-0.06870	8.53	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		92.819			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01226

Report Date/Time: Friday, January 18, 2002 11:26:36

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	93.700
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	93.938
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	96.087
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01226

Report Date/Time: Friday, January 18, 2002 11:26:36

Page 2

Method 200.8 - Summary Report

Sample ID: AE01329

Sample Date/Time: Friday, January 18, 2002 11:28:29

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\AE01329.2372

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	20.334	2.839	0.000	0.00408	26.52	ug/L
>	Sc-1	45	800494.556	2.834	800494.556			ug/L
	Cr	52	18353.029	1.951	0.011	0.59758	10.45	ug/L
	Cr	53	2086.928	5.938	0.002	0.82296	7.17	ug/L
	Mn	55	628010.184	1.360	0.783	27.20358	3.15	ug/L
	Ni	60	1261.434	5.199	0.001	0.14385	16.75	ug/L
	Cu	63	8877.757	2.853	0.009	0.77746	0.23	ug/L
	Cu	65	4147.655	2.918	0.004	0.73706	7.49	ug/L
	Zn	66	1706.511	1.075	0.006	0.29839	3.51	ug/L
	Zn	67	545.689	1.376	0.003	0.76474	4.59	ug/L
	Zn	68	1840.538	1.099	0.008	0.59781	3.97	ug/L
>	Ge	72	141665.939	1.898	141665.939			ug/L
	As	75	7511.493	3.493	0.017	0.87833	9.21	ug/L
	Se	77	291.341	1.387	0.001	0.52432	1.39	ug/L
	Se	82	2506.704	3.903	0.003	1.56185	16.39	ug/L
	Ag	107	158.670	2.213	-0.000	-0.00477	3.11	ug/L
>	In	115	1716742.626	2.328	1716742.626			ug/L
	Sb	121	564.690	3.648	0.000	0.04921	4.42	ug/L
	Sb	123	425.155	3.219	0.000	0.04655	5.17	ug/L
	Ba	135	46777.552	2.426	0.017	13.41371	1.30	ug/L
	Ba	137	83078.418	1.256	0.031	13.49867	4.54	ug/L
>	Ho	165	2688996.131	3.364	2688996.131			ug/L
	Tl	205	656.697	5.333	-0.000	-0.02320	4.12	ug/L
	Pb	208	6083.861	1.060	-0.006	-0.25603	1.74	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		93.444			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01329

Report Date/Time: Friday, January 18, 2002 11:30:00

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.372
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	93.794
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	99.212
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999988
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
>	Zn	68Linear Thru Zero	0.999995
	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
>	Ba	137Linear Thru Zero	0.999992
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01329

Report Date/Time: Friday, January 18, 2002 11:30:00

Page 2

Method 200.8 - Summary Report

Sample ID: AE01330

Sample Date/Time: Friday, January 18, 2002 11:32:04

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\AE01330.2373

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	22.000	18.182	0.000	0.00830	70.29	ug/L
>	Sc-1	45	763443.243	2.644	763443.243			ug/L
	Cr	52	17538.080	1.799	0.011	0.59994	9.26	ug/L
	Cr	53	1968.900	3.306	0.002	0.81048	7.96	ug/L
	Mn	55	549148.595	8.472	0.718	24.91657	7.59	ug/L
	Ni	60	1241.097	6.241	0.001	0.15460	17.05	ug/L
	Cu	63	8403.304	3.993	0.008	0.76971	2.22	ug/L
[	Cu	65	4164.662	1.221	0.004	0.78779	4.91	ug/L
[	Zn	66	1695.842	2.712	0.006	0.30913	6.35	ug/L
	Zn	67	516.020	4.631	0.002	0.72751	4.42	ug/L
	Zn	68	1795.195	3.724	0.008	0.59654	7.78	ug/L
>	Ge	72	138394.444	2.016	138394.444			ug/L
	As	75	7590.382	6.576	0.018	0.97577	20.38	ug/L
	Se	77	282.007	6.568	0.001	0.51240	11.92	ug/L
[	Se	82	2534.046	6.394	0.004	1.84705	30.96	ug/L
[	Ag	107	159.336	13.080	-0.000	-0.00457	25.98	ug/L
>	In	115	1690516.920	2.842	1690516.920			ug/L
	Sb	121	555.689	7.619	0.000	0.04912	5.48	ug/L
[	Sb	123	435.731	3.358	0.000	0.04866	6.13	ug/L
[	Ba	135	47257.386	2.951	0.018	13.69967	3.55	ug/L
	Ba	137	80765.801	2.481	0.030	13.25459	3.59	ug/L
>	Ho	165	2660298.684	2.085	2660298.684			ug/L
	Tl	205	670.365	8.081	-0.000	-0.02276	4.56	ug/L
[	Pb	208	5825.115	3.049	-0.006	-0.25935	1.81	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		89.119			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01330

Report Date/Time: Friday, January 18, 2002 11:33:36

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	92.193
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.361
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	98.153
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01330

Report Date/Time: Friday, January 18, 2002 11:33:36

Page 2

Method 200.8 - Summary Report

Sample ID: CCV CAL BK

Sample Date/Time: Friday, January 18, 2002 11:55:04

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 CAL BK.2374

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	16.000	16.536	-0.000	-0.00277	149.58	ug/L
>	Sc-1	45	800371.859	1.612	800371.859			ug/L
	Cr	52	9842.424	0.804	-0.000	-0.00791	188.59	ug/L
	Cr	53	938.058	6.735	0.000	0.12688	34.84	ug/L
	Mn	55	1505.473	2.901	0.000	0.01384	18.50	ug/L
	Ni	60	780.041	9.807	0.000	0.01308	161.56	ug/L
	Cu	63	2023.245	1.572	0.000	0.00084	220.80	ug/L
	Cu	65	1007.733	0.500	0.000	0.00430	108.38	ug/L
	Zn	66	748.705	5.885	-0.001	-0.04728	37.59	ug/L
	Zn	67	183.004	9.095	0.000	0.01147	298.63	ug/L
	Zn	68	553.689	7.167	-0.001	-0.05200	42.42	ug/L
>	Ge	72	140027.606	0.691	140027.606			ug/L
	As	75	6502.447	2.730	0.010	0.52867	9.98	ug/L
	Se	77	166.670	11.609	0.000	0.00685	1241.50	ug/L
	Se	82	2509.705	2.825	0.004	1.66622	10.51	ug/L
	Ag	107	199.671	2.313	-0.000	-0.00196	16.92	ug/L
>	In	115	1724136.026	0.549	1724136.026			ug/L
	Sb	121	42.001	16.667	0.000	0.00032	209.21	ug/L
	Sb	123	35.850	4.428	-0.000	-0.00044	41.72	ug/L
	Ba	135	298.008	5.166	0.000	0.00161	249.57	ug/L
	Ba	137	461.350	4.250	-0.000	-0.00070	579.05	ug/L
>	Ho	165	2591438.775	1.095	2591438.775			ug/L
	Tl	205	972.395	6.088	-0.000	-0.01532	8.49	ug/L
	Pb	208	19075.046	0.444	-0.001	-0.02666	18.57	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		93.430			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Se⁷⁷ will be used
to report the next
samples!

LD

Sample ID: CCV CAL BK

Report Date/Time: Friday, January 18, 2002 11:56:36

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	93.281
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	94.198
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	95.612
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999988
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
>	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
>	Ag	107Linear Thru Zero	0.999952
	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
>	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Method 200.8 - Summary Report**Sample ID: CCV STD1 30 PPB**

Sample Date/Time: Friday, January 18, 2002 11:58:26

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.2375

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	18881.449	2.082	0.024	30.83978	2.25	ug/L
>	Sc-1	45	772137.773	1.182	772137.773			ug/L
	Cr	52	422581.129	0.880	0.535	30.41955	2.06	ug/L
	Cr	53	50253.763	2.922	0.064	31.14750	1.82	ug/L
	Mn	55	676661.825	3.012	0.875	30.38649	4.13	ug/L
	Ni	60	107453.985	2.524	0.138	29.99586	1.41	ug/L
	Cu	63	245730.812	2.066	0.316	28.64375	3.20	ug/L
	Cu	65	122433.870	0.950	0.157	29.35728	1.99	ug/L
[	Zn	66	83270.178	1.489	0.590	30.43557	3.81	ug/L
	Zn	67	14290.702	1.719	0.101	29.88357	3.05	ug/L
	Zn	68	60696.028	3.271	0.430	30.90580	5.40	ug/L
>	Ge	72	139752.444	2.369	139752.444			ug/L
	As	75	85874.693	1.671	0.578	30.69464	4.27	ug/L
	Se	77	7207.595	0.959	0.050	30.11988	2.20	ug/L
	Se	82	11415.945	1.472	0.067	30.92111	4.68	ug/L
[	Ag	107	417313.754	3.072	0.239	28.83681	4.46	ug/L
>	In	115	1743463.520	1.859	1743463.520			ug/L
	Sb	121	320765.187	1.189	0.184	29.53331	2.99	ug/L
	Sb	123	249875.830	1.187	0.143	29.66836	1.05	ug/L
[	Ba	135	98301.139	2.481	0.037	28.84130	2.25	ug/L
	Ba	137	170851.849	2.467	0.065	28.36824	2.01	ug/L
>	Ho	165	2636717.055	1.355	2636717.055			ug/L
	Tl	205	1272421.874	3.063	0.482	29.03987	2.45	ug/L
	Pb	208	1721561.325	2.249	0.645	29.02996	3.00	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		90.134			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: CCV STD1 30 PPB

Report Date/Time: Friday, January 18, 2002 11:59:58

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	93.098
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	95.254
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	97.283
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: CCV STD1 30 PPB

Report Date/Time: Friday, January 18, 2002 11:59:58

Page 2

Method 200.8 - Summary Report**Sample ID: CCV STD2 60 PPB**

Sample Date/Time: Friday, January 18, 2002 12:01:56

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.2376

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	37190.640	1.908	0.049	61.82120	3.20	ug/L
>	Sc-1	45	759195.397	1.330	759195.397			ug/L
	Cr	52	836307.636	2.935	1.090	61.95697	4.22	ug/L
	Cr	53	97183.932	2.804	0.127	61.69287	1.93	ug/L
	Mn	55	1346014.508	1.609	1.772	61.52476	2.90	ug/L
	Ni	60	210847.313	0.965	0.277	60.06935	1.10	ug/L
	Cu	63	498138.733	1.098	0.654	59.28644	0.78	ug/L
	Cu	65	249206.073	1.403	0.327	61.02288	2.41	ug/L
	Zn	66	158447.896	2.934	1.143	58.95972	2.82	ug/L
	Zn	67	27964.239	2.340	0.202	59.61790	2.92	ug/L
	Zn	68	115822.981	0.472	0.835	60.03894	0.37	ug/L
>	Ge	72	137892.325	0.785	137892.325			ug/L
	As	75	162262.080	0.299	1.140	60.51397	0.60	ug/L
	Se	77	13942.166	3.749	0.100	59.70305	3.44	ug/L
	Se	82	20098.729	1.019	0.131	60.27008	0.85	ug/L
	Ag	107	839711.355	1.089	0.492	59.28518	0.83	ug/L
>	In	115	1706083.161	0.267	1706083.161			ug/L
	Sb	121	636954.736	1.589	0.373	59.91056	1.33	ug/L
	Sb	123	489391.344	1.998	0.287	59.38015	2.21	ug/L
	Ba	135	195526.663	0.768	0.074	57.30472	2.81	ug/L
	Ba	137	346124.767	0.044	0.131	57.40202	2.46	ug/L
>	Ho	165	2644633.191	2.395	2644633.191			ug/L
	Tl	205	2609113.174	3.186	0.987	59.45380	5.15	ug/L
	Pb	208	3409580.777	2.086	1.282	57.68627	3.47	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		88.623			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: CCV STD2 60 PPB

Report Date/Time: Friday, January 18, 2002 12:03:27

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	91.859
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	93.212
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	97.575
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: CCV STD2 60 PPB

Report Date/Time: Friday, January 18, 2002 12:03:27

Page 2

Method 200.8 - Summary Report

Sample ID: LFB 50 PPB

Sample Date/Time: Friday, January 18, 2002 12:04:54

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.2377

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	31972.133	2.558	0.041	52.35847	4.24	ug/L
>	Sc-1	45	770725.742	1.759	770725.742			ug/L
	Cr	52	707654.187	0.990	0.906	51.51983	2.54	ug/L
	Cr	53	83238.525	0.967	0.107	52.00018	2.60	ug/L
	Mn	55	1120971.573	1.568	1.453	50.45172	0.76	ug/L
	Ni	60	180610.716	3.548	0.234	50.68149	5.26	ug/L
	Cu	63	412630.531	3.325	0.533	48.32857	2.56	ug/L
	Cu	65	207378.139	0.874	0.268	49.98513	2.62	ug/L
	Zn	66	137366.432	0.626	1.013	52.23881	2.48	ug/L
	Zn	67	23825.434	2.808	0.175	51.87153	1.17	ug/L
	Zn	68	99721.335	1.230	0.735	52.83299	3.46	ug/L
>	Ge	72	134880.233	2.254	134880.233			ug/L
	As	75	140641.264	1.877	1.007	53.43256	4.13	ug/L
	Se	77	11938.286	0.259	0.087	52.19547	2.09	ug/L
	Se	82	17680.687	0.445	0.117	53.56717	2.95	ug/L
	Ag	107	698856.706	2.444	0.415	49.99554	5.15	ug/L
>	In	115	1685267.719	2.877	1685267.719			ug/L
	Sb	121	550073.723	0.351	0.327	52.41133	3.26	ug/L
	Sb	123	427199.396	1.380	0.254	52.48739	1.52	ug/L
	Ba	135	164688.708	3.325	0.063	49.15303	2.15	ug/L
	Ba	137	283683.882	1.391	0.109	47.93111	2.78	ug/L
>	Ho	165	2594766.577	1.364	2594766.577			ug/L
	Tl	205	2226431.860	2.004	0.858	51.67145	2.26	ug/L
	Pb	208	2884337.811	1.970	1.104	49.67854	3.14	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		89.969			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: LFB 50 PPB

Report Date/Time: Friday, January 18, 2002 12:06:26

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	89.852
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.075
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	95.735
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999988
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
>	Zn	68Linear Thru Zero	0.999995
	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
>	Ba	137Linear Thru Zero	0.999992
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: LFB 50 PPB

Report Date/Time: Friday, January 18, 2002 12:06:26

Page 2

Method 200.8 - Summary Report

Sample ID: AE01331

Sample Date/Time: Friday, January 18, 2002 12:08:45

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\AE01331.2378

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	19.334	14.931	0.000	0.00297	155.51	ug/L
>	Sc-1	45	788017.727	0.754	788017.727			ug/L
	Cr	52	15225.904	3.713	0.007	0.39123	8.34	ug/L
	Cr	53	1578.153	2.854	0.001	0.52973	4.58	ug/L
	Mn	55	580390.401	2.388	0.735	25.52160	2.14	ug/L
	Ni	60	1346.780	5.818	0.001	0.17248	13.16	ug/L
	Cu	63	169688.566	1.326	0.213	19.30384	1.72	ug/L
[	Cu	65	83090.172	0.892	0.104	19.44338	1.65	ug/L
	Zn	66	5834.597	1.815	0.035	1.80172	3.79	ug/L
	Zn	67	1107.412	6.129	0.007	1.93548	5.61	ug/L
	Zn	68	4742.285	4.105	0.029	2.07046	6.49	ug/L
>	Ge	72	141704.431	1.481	141704.431			ug/L
	As	75	7669.464	1.968	0.018	0.93662	1.68	ug/L
	Se	77	259.673	3.230	0.001	0.39071	11.68	ug/L
[	Se	82	2575.724	3.054	0.004	1.78268	10.01	ug/L
	Ag	107	1572.491	25.642	0.001	0.09526	31.60	ug/L
>	In	115	1708074.573	2.775	1708074.573			ug/L
	Sb	121	1084.076	4.657	0.001	0.09838	7.26	ug/L
[	Sb	123	823.544	6.595	0.000	0.09514	8.18	ug/L
	Ba	135	44252.242	1.854	0.017	13.04264	1.50	ug/L
	Ba	137	78350.675	1.361	0.030	13.07555	1.68	ug/L
>	Ho	165	2615004.890	0.386	2615004.890			ug/L
	Tl	205	946.059	5.311	-0.000	-0.01613	7.53	ug/L
[	Pb	208	50875.802	2.985	0.012	0.51762	5.49	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		91.988			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01331

Report Date/Time: Friday, January 18, 2002 12:10:17

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.398
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	93.321
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	96.482
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999988
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999952
	Cr 53Linear Thru Zero	0.999961
	Mn 55Linear Thru Zero	0.999955
	Ni 60Linear Thru Zero	0.999855
	Cu 63Linear Thru Zero	0.999678
	Cu 65Linear Thru Zero	0.999727
	Zn 66Linear Thru Zero	0.999975
	Zn 67Linear Thru Zero	0.999975
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999989
	Se 82Linear Thru Zero	0.999997
	Ag 107Linear Thru Zero	0.999952
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	0.999937
	Sb 123Linear Thru Zero	0.999962
	Ba 135Linear Thru Zero	0.999996
	Ba 137Linear Thru Zero	0.999992
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999984
	Pb 208Linear Thru Zero	0.999958

Sample ID: AE01331

Report Date/Time: Friday, January 18, 2002 12:10:17

Page 2

Method 200.8 - Summary Report

Sample ID: AE01331

Sample Date/Time: Friday, January 18, 2002 12:11:38

Sample Type: QC Duplicate

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\Dataset\daily performance\AE01331.2379

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL): 5e+001

Diluted To Volume (mL): 1e+002

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	17.667	14.245	0.000	0.00226	331.93	ug/L
>	Sc-1	45	765047.495	3.325	765047.495			ug/L
	Cr	52	11698.307	1.912	0.003	0.32499	10.21	ug/L
	Cr	53	1336.445	2.424	0.001	0.81241	8.53	ug/L
	Mn	55	306002.059	5.499	0.399	27.68789	6.00	ug/L
	Ni	60	804.044	6.233	0.000	0.06002	66.49	ug/L
	Cu	63	89939.804	2.580	0.115	20.87438	1.85	ug/L
	Cu	65	44616.000	1.004	0.057	21.31962	4.26	ug/L
	Zn	66	3323.975	3.922	0.017	1.77369	4.06	ug/L
	Zn	67	665.364	2.592	0.003	2.02748	1.97	ug/L
	Zn	68	2755.779	2.689	0.015	2.12544	7.13	ug/L
>	Ge	72	141728.903	2.854	141728.903			ug/L
	As	75	6671.829	5.703	0.011	1.12620	24.36	ug/L
	Se	77	231.339	6.475	0.000	0.54272	26.32	ug/L
	Se	82	2388.672	5.720	0.003	2.35776	37.78	ug/L
	Ag	107	527.687	1.435	0.000	0.04035	1.27	ug/L
>	In	115	1762050.071	2.069	1762050.071			ug/L
	Sb	121	588.692	2.294	0.000	0.10009	3.80	ug/L
	Sb	123	476.734	7.443	0.000	0.10256	8.32	ug/L
	Ba	135	23623.902	2.365	0.009	13.34639	1.02	ug/L
	Ba	137	40702.685	2.246	0.015	13.03527	5.29	ug/L
>	Ho	165	2711887.377	3.319	2711887.377			ug/L
	Tl	205	838.380	3.840	-0.000	-0.03861	1.11	ug/L
	Pb	208	27560.524	1.351	0.002	0.19972	21.02	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					27.260
>	Sc-1	45		89.306			
	Cr	52					18.498
	Cr	53					42.123
	Mn	55					✓ 8.143
	Ni	60					96.743

Sample ID: AE01331

Report Date/Time: Friday, January 18, 2002 12:13:09

Page 1

	Cu	63		✓	7.818
	Cu	65			9.206
	Zn	66			1.568
	Zn	67		✓	4.643
	Zn	68			2.621
>	Ge	72	94.414		
	As	75			18.381
	Se	77			32.570
	Se	82			27.779
	Ag	107			80.975
>	In	115	96.270		
	Sb	121			1.719
	Sb	123			7.498
	Ba	135			2.302
	Ba	137		✓	0.309
>	Ho	165	100.056		
	Tl	205			82.134
	Pb	208			88.634

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01331

Report Date/Time: Friday, January 18, 2002 12:13:09

Page 2

Method 200.8 - Summary Report

Sample ID: AE01331

Sample Date/Time: Friday, January 18, 2002 12:15:11

Sample Type: Spike - 2

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\Dataset\daily performance\AE01331.2380

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	31972.115	1.261	0.042	52.44572	1.55	ug/L
>	Sc-1	45	769284.977	2.788	769284.977			ug/L
	Cr	52	686989.696	2.932	0.881	50.11404	4.98	ug/L
	Cr	53	81363.233	3.416	0.105	50.89526	1.25	ug/L
	Mn	55	1667278.043	1.385	2.167	75.23003	2.29	ug/L
	Ni	60	173073.095	0.947	0.224	48.63665	1.85	ug/L
	Cu	63	557729.266	0.962	0.723	65.55344	2.02	ug/L
[	Cu	65	270015.751	2.107	0.350	65.31446	4.89	ug/L
	Zn	66	264005.612	3.558	1.905	98.28995	4.01	ug/L
	Zn	67	42556.145	1.429	0.307	90.74718	1.05	ug/L
	Zn	68	189294.537	1.211	1.366	98.16244	1.38	ug/L
>	Ge	72	138137.986	0.441	138137.986			ug/L
	As	75	143954.072	0.635	1.006	53.36937	1.10	ug/L
	Se	77	13305.200	2.663	0.095	56.84941	3.13	ug/L
[	Se	82	19257.573	2.050	0.125	57.36336	2.70	ug/L
	Ag	107	667842.247	1.882	0.397	47.86425	1.72	ug/L
>	In	115	1680542.828	0.183	1680542.828			ug/L
	Sb	121	559949.686	2.306	0.333	53.46784	2.16	ug/L
[	Sb	123	439413.061	1.291	0.261	54.12503	1.45	ug/L
	Ba	135	204746.747	0.650	0.077	59.53950	3.51	ug/L
	Ba	137	359528.391	1.266	0.135	59.16434	3.83	ug/L
>	Ho	165	2666209.606	2.915	2666209.606			ug/L
	Tl	205	2156147.078	6.593	0.810	48.77910	9.32	ug/L
[	Pb	208	2744172.387	1.449	1.022	45.99261	3.92	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rei. % Diff
[	Be	9			104.885		
>	Sc-1	45		89.801			
	Cr	52			99.446		
	Cr	53			100.731		
	Mn	55			99.417		
	Ni	60			96.928		

Sample ID: AE01331

Report Date/Time: Friday, January 18, 2002 12:16:43

Page 1

	Cu	63		92.499
	Cu	65		91.742
	Zn	66		192.976
	Zn	67		177.623
	Zn	68		192.184
>	Ge	72	92.022	
	As	75		104.865
	Se	77		112.917
	Se	82		111.161
	Ag	107		95.538
>	In	115	91.817	
	Sb	121		106.739
	Sb	123		108.060
	Ba	135		92.994
	Ba	137		92.178
>	Ho	165	98.371	
	Tl	205		97.590
	Pb	208		90.950

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999988
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999952
	Cr 53Linear Thru Zero	0.999961
	Mn 55Linear Thru Zero	0.999955
	Ni 60Linear Thru Zero	0.999855
	Cu 63Linear Thru Zero	0.999678
	Cu 65Linear Thru Zero	0.999727
	Zn 66Linear Thru Zero	0.999975
	Zn 67Linear Thru Zero	0.999975
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999989
	Se 82Linear Thru Zero	0.999997
	Ag 107Linear Thru Zero	0.999952
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	0.999937
	Sb 123Linear Thru Zero	0.999962
	Ba 135Linear Thru Zero	0.999996
	Ba 137Linear Thru Zero	0.999992
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999984
	Pb 208Linear Thru Zero	0.999958

Sample ID: AE01331

Report Date/Time: Friday, January 18, 2002 12:16:43

Page 2

Method 200.8 - Summary Report

Sample ID: AE01331

Sample Date/Time: Friday, January 18, 2002 12:24:29

Sample Type: Spike - 2

Sample Description: CHECKING Zn CONTAMINATION

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\Dataset\daily performance\AE01331.2381

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	32176.173	1.638	0.042	52.51025	4.78	ug/L
>	Sc-1	45	773784.560	3.095	773784.560			ug/L
	Cr	52	685790.664	4.021	0.875	49.75978	7.02	ug/L
	Cr	53	82543.891	0.911	0.106	51.36591	2.32	ug/L
	Mn	55	1728974.727	1.877	2.235	77.60052	4.51	ug/L
	Ni	60	174690.280	0.980	0.225	48.83011	4.05	ug/L
	Cu	63	578297.442	1.209	0.745	67.58523	1.97	ug/L
[	Cu	65	278219.617	3.858	0.359	66.93528	6.60	ug/L
	Zn	66	149217.615	2.453	1.056	54.47090	2.07	ug/L
	Zn	67	25302.093	2.247	0.179	52.90542	3.16	ug/L
	Zn	68	105999.786	0.268	0.750	53.89806	1.12	ug/L
>	Ge	72	140493.407	0.912	140493.407			ug/L
	As	75	147765.052	0.890	1.015	53.88562	1.79	ug/L
	Se	77	13258.799	2.801	0.093	55.67604	1.99	ug/L
[	Se	82	19491.744	2.603	0.124	57.04546	1.89	ug/L
	Ag	107	683969.256	1.155	0.398	47.92551	1.44	ug/L
>	In	115	1719291.012	2.258	1719291.012			ug/L
	Sb	121	571358.036	2.613	0.332	53.32762	1.03	ug/L
[	Sb	123	448200.566	1.431	0.261	53.98925	3.44	ug/L
	Ba	135	206563.753	1.410	0.077	59.63787	1.75	ug/L
	Ba	137	364748.198	1.420	0.136	59.62241	4.29	ug/L
>	Ho	165	2684605.604	3.171	2684605.604			ug/L
	Tl	205	2235684.799	3.141	0.833	50.19682	5.57	ug/L
[	Pb	208	2820343.098	1.413	1.043	46.94698	3.16	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9			105.015		
>	Sc-1	45		90.326			
	Cr	52			98.737		
	Cr	53			101.672		
	Mn	55			104.158		
	Ni	60			97.315		

Sample ID: AE01331

Report Date/Time: Friday, January 18, 2002 12:26:01

Page 1

	Cu	63		96.563
	Cu	65		94.984
	Zn	66		105.338
	Zn	67		101.940
	Zn	68		103.655
>	Ge	72	93.591	
	As	75		105.898
	Se	77		110.571
	Se	82		110.526
	Ag	107		95.660
>	In	115	93.934	
	Sb	121		106.458
	Sb	123		107.788
	Ba	135		93.190
	Ba	137		93.094
>	Ho	165	99.050	
	Tl	205		100.426
	Pb	208		92.859

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999988
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999952
	Cr 53Linear Thru Zero	0.999961
	Mn 55Linear Thru Zero	0.999955
	Ni 60Linear Thru Zero	0.999855
	Cu 63Linear Thru Zero	0.999678
	Cu 65Linear Thru Zero	0.999727
	Zn 66Linear Thru Zero	0.999975
	Zn 67Linear Thru Zero	0.999975
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999989
	Se 82Linear Thru Zero	0.999997
	Ag 107Linear Thru Zero	0.999952
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	0.999937
	Sb 123Linear Thru Zero	0.999962
	Ba 135Linear Thru Zero	0.999996
	Ba 137Linear Thru Zero	0.999992
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999984
	Pb 208Linear Thru Zero	0.999958

Sample ID: AE01331

Report Date/Time: Friday, January 18, 2002 12:26:01

Page 2

Method 200.8 - Summary Report

Sample ID: AE01332

Sample Date/Time: Friday, January 18, 2002 12:27:51

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\AE01332.2382

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	17.000	11.765	-0.000	-0.00024	1260.19	ug/L
>	Sc-1	45	772451.138	1.028	772451.138			ug/L
	Cr	52	17083.207	0.307	0.010	0.55033	1.75	ug/L
	Cr	53	1865.544	6.705	0.002	0.73014	11.19	ug/L
	Mn	55	610699.982	4.289	0.789	27.39638	3.67	ug/L
	Ni	60	1510.141	3.914	0.001	0.22592	9.20	ug/L
	Cu	63	57814.234	2.403	0.072	6.56062	2.77	ug/L
	Cu	65	28386.889	2.709	0.036	6.62718	3.72	ug/L
[	Zn	66	7674.649	1.729	0.049	2.52727	3.66	ug/L
	Zn	67	1417.458	6.249	0.009	2.64059	5.00	ug/L
	Zn	68	6138.468	2.847	0.040	2.84039	4.83	ug/L
>	Ge	72	138959.611	1.899	138959.611			ug/L
	As	75	7217.865	1.684	0.015	0.82180	9.37	ug/L
	Se	77	254.673	5.668	0.001	0.39150	20.75	ug/L
	Se	82	2419.013	1.722	0.003	1.43280	14.00	ug/L
[	Ag	107	785.042	11.612	0.000	0.03988	18.14	ug/L
>	In	115	1697693.531	2.303	1697693.531			ug/L
	Sb	121	634.362	4.991	0.000	0.05644	7.68	ug/L
	Sb	123	513.779	5.060	0.000	0.05794	6.65	ug/L
[	Ba	135	47975.796	2.639	0.018	13.59521	3.44	ug/L
	Ba	137	82832.242	1.980	0.030	13.28432	1.26	ug/L
>	Ho	165	2721133.858	0.789	2721133.858			ug/L
	Tl	205	909.721	2.536	-0.000	-0.01778	3.54	ug/L
	Pb	208	13676.139	0.991	-0.003	-0.13178	0.38	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		90.170			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01332

Report Date/Time: Friday, January 18, 2002 12:29:22

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	92.570
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.754
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.398
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01332

Report Date/Time: Friday, January 18, 2002 12:29:22

Page 2

Method 200.8 - Summary Report

Sample ID: AE01333

Sample Date/Time: Friday, January 18, 2002 12:30:55

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\AE01333.2383

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	14.523	-0.000	-0.00390	87.36	ug/L
>	Sc-1	45	750513.779	0.887	750513.779			ug/L
	Cr	52	21047.898	3.232	0.016	0.88781	7.35	ug/L
	Cr	53	2420.013	3.469	0.002	1.12271	3.97	ug/L
	Mn	55	798942.456	2.309	1.063	36.91770	3.13	ug/L
	Ni	60	1690.507	1.986	0.001	0.29042	4.79	ug/L
	Cu	63	79263.529	1.038	0.103	9.35103	1.18	ug/L
	Cu	65	39091.297	2.690	0.051	9.48915	3.65	ug/L
[	Zn	66	4992.755	3.276	0.030	1.56301	3.15	ug/L
	Zn	67	1069.407	2.263	0.007	1.94191	3.71	ug/L
	Zn	68	4275.381	1.098	0.027	1.91425	1.16	ug/L
>	Ge	72	136549.622	0.941	136549.622			ug/L
	As	75	7350.194	2.287	0.017	0.92102	5.83	ug/L
	Se	77	323.342	7.149	0.001	0.71086	15.72	ug/L
	Se	82	2431.683	3.325	0.004	1.61442	16.37	ug/L
[	Ag	107	392.012	2.663	0.000	0.01206	5.20	ug/L
>	In	115	1688792.180	0.507	1688792.180			ug/L
	Sb	121	664.698	2.676	0.000	0.05958	3.38	ug/L
	Sb	123	511.021	6.066	0.000	0.05791	6.96	ug/L
[	Ba	135	54384.098	1.890	0.021	15.95078	2.50	ug/L
	Ba	137	95612.243	3.743	0.036	15.88601	6.22	ug/L
>	Ho	165	2632113.207	2.995	2632113.207			ug/L
	Tl	205	762.706	7.175	-0.000	-0.02049	3.61	ug/L
	Pb	208	32552.457	1.909	0.004	0.19910	13.05	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		87.610			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01333

Report Date/Time: Friday, January 18, 2002 12:32:27

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	90.964
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.267
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	97.113
	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: AE01333

Report Date/Time: Friday, January 18, 2002 12:32:27

Page 2

Method 200.8 - Summary Report

Sample ID: AE01334

Sample Date/Time: Friday, January 18, 2002 12:34:18

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\AE01334.2384

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	5.556	0.000	0.00142	135.20	ug/L
>	Sc-1	45	772942.543	2.477	772942.543			ug/L
	Cr	52	17624.246	1.636	0.010	0.58997	7.86	ug/L
	Cr	53	2451.355	3.802	0.002	1.09794	6.87	ug/L
	Mn	55	438974.365	6.986	0.567	19.69006	8.69	ug/L
	Ni	60	1192.757	4.989	0.001	0.13647	11.94	ug/L
	Cu	63	58866.318	2.700	0.074	6.67899	0.30	ug/L
	Cu	65	29141.601	1.809	0.036	6.80820	4.27	ug/L
[	Zn	66	4931.054	3.866	0.029	1.50054	5.03	ug/L
	Zn	67	1044.404	2.373	0.006	1.83951	3.23	ug/L
	Zn	68	4178.669	2.995	0.025	1.81683	3.91	ug/L
>	Ge	72	139505.982	0.357	139505.982			ug/L
	As	75	7519.958	0.808	0.017	0.92516	2.55	ug/L
	Se	77	312.675	3.595	0.001	0.63471	8.03	ug/L
	Se	82	2542.714	1.029	0.004	1.80608	3.11	ug/L
[	Ag	107	356.344	3.982	0.000	0.00945	12.01	ug/L
>	In	115	1693160.167	0.524	1693160.167			ug/L
	Sb	121	609.026	2.743	0.000	0.05413	2.39	ug/L
	Sb	123	430.646	4.619	0.000	0.04791	5.00	ug/L
[	Ba	135	44516.181	1.194	0.017	12.95713	4.32	ug/L
	Ba	137	78622.703	1.731	0.030	12.95508	4.09	ug/L
>	Ho	165	2650388.970	3.295	2650388.970			ug/L
	Tl	205	780.041	3.109	-0.000	-0.02020	1.46	ug/L
	Pb	208	14187.083	5.665	-0.003	-0.11658	18.80	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		90.228			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01334

Report Date/Time: Friday, January 18, 2002 12:35:50

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	92.934
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	92.506
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	97.787
	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: AE01334

Report Date/Time: Friday, January 18, 2002 12:35:50

Page 2

Method 200.8 - Summary Report

Sample ID: AE01335

Sample Date/Time: Friday, January 18, 2002 12:37:43

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\AE01335.2385

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	19.334	13.017	0.000	0.00329	113.36	ug/L
>	Sc-1	45	779297.202	1.719	779297.202			ug/L
	Cr	52	20002.529	3.182	0.013	0.75284	8.57	ug/L
	Cr	53	2669.752	2.060	0.003	1.22134	5.15	ug/L
	Mn	55	390309.539	6.999	0.499	17.34192	7.11	ug/L
	Ni	60	1722.181	5.925	0.001	0.28150	12.93	ug/L
	Cu	63	52275.849	3.529	0.065	5.85474	2.12	ug/L
	Cu	65	25179.756	2.580	0.031	5.80057	4.48	ug/L
	Zn	66	7517.517	2.543	0.048	2.49681	2.71	ug/L
	Zn	67	1333.444	1.489	0.008	2.49330	3.02	ug/L
	Zn	68	5971.021	2.614	0.039	2.78513	4.23	ug/L
>	Ge	72	137538.099	1.361	137538.099			ug/L
	As	75	7446.958	2.242	0.018	0.93814	7.31	ug/L
	Se	77	357.677	6.947	0.001	0.85037	14.89	ug/L
	Se	82	2553.051	2.378	0.004	1.96083	10.65	ug/L
	Ag	107	269.007	7.083	0.000	0.00347	44.61	ug/L
>	In	115	1673038.397	1.322	1673038.397			ug/L
	Sb	121	529.021	5.012	0.000	0.04714	4.20	ug/L
	Sb	123	417.858	6.733	0.000	0.04694	6.09	ug/L
	Ba	135	52965.718	0.982	0.020	15.73764	1.41	ug/L
	Ba	137	93916.075	2.425	0.036	15.80310	4.14	ug/L
>	Ho	165	2597392.361	1.914	2597392.361			ug/L
	Tl	205	770.707	1.982	-0.000	-0.02005	3.13	ug/L
	Pb	208	11384.911	1.050	-0.004	-0.16067	1.56	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		90.970			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AE01335

Report Date/Time: Friday, January 18, 2002 12:39:15

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	91.623
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	91.407
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	95.832
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AE01335

Report Date/Time: Friday, January 18, 2002 12:39:15

Page 2

Method 200.8 - Summary Report

Sample ID: AD31582

Sample Date/Time: Friday, January 18, 2002 12:44:24

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File:

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	20.334	44.625	0.000	0.00469	327.23	ug/L
>	Sc-1	45	791259.204	2.474	791259.204			ug/L
	Cr	52	17187.412	2.692	0.009	0.52830	7.95	ug/L
	Cr	53	2078.925	2.342	0.002	0.83384	6.56	ug/L
	Mn	55	720647.687	1.484	0.909	31.57800	1.30	ug/L
	Ni	60	1379.452	5.424	0.001	0.18029	15.72	ug/L
	Cu	63	41461.462	2.800	0.050	4.52448	1.88	ug/L
	Cu	65	20611.880	0.313	0.025	4.63159	2.84	ug/L
	Zn	66	3172.586	3.472	0.016	0.83552	6.60	ug/L
	Zn	67	680.032	5.477	0.004	1.04732	3.36	ug/L
	Zn	68	2915.497	5.383	0.016	1.14836	10.17	ug/L
>	Ge	72	141348.758	2.963	141348.758			ug/L
	As	75	7608.843	4.513	0.017	0.92318	17.73	ug/L
	Se	77	250.673	4.607	0.001	0.35614	19.38	ug/L
	Se	82	2538.714	5.213	0.004	1.69132	32.56	ug/L
	Ag	107	330.676	11.908	0.000	0.00676	34.88	ug/L
>	In	115	1755845.106	2.484	1755845.106			ug/L
	Sb	121	649.363	4.403	0.000	0.05574	2.08	ug/L
	Sb	123	500.905	1.488	0.000	0.05434	3.42	ug/L
	Ba	135	46570.486	2.311	0.017	13.50227	0.85	ug/L
	Ba	137	80324.546	2.192	0.030	13.18976	3.90	ug/L
>	Ho	165	2658851.982	1.665	2658851.982			ug/L
	Tl	205	604.359	3.566	-0.000	-0.02424	1.09	ug/L
	Pb	208	11547.992	1.534	-0.004	-0.16243	3.71	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		92.366			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AD31582

Report Date/Time: Friday, January 18, 2002 12:45:55

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.161
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	95.931
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	98.100
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: AD31582

Report Date/Time: Friday, January 18, 2002 12:45:55

Page 2

Method 200.8 - Summary Report

Sample ID: CCV CAL BK

Sample Date/Time: Friday, January 18, 2002 12:55:08

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.2386

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	23.000	13.043	0.000	0.00973	46.98	ug/L
>	Sc-1	45	768998.516	1.702	768998.516			ug/L
	Cr	52	9613.177	1.188	0.000	0.00372	509.93	ug/L
	Cr	53	1026.403	19.440	0.000	0.20423	56.45	ug/L
	Mn	55	1824.201	0.935	0.001	0.03088	3.75	ug/L
	Ni	60	721.036	3.271	0.000	0.00503	117.59	ug/L
	Cu	63	1975.901	4.679	0.000	0.00459	208.51	ug/L
	Cu	65	999.398	5.753	0.000	0.01177	100.28	ug/L
	Zn	66	758.039	6.741	-0.001	-0.03556	47.24	ug/L
	Zn	67	175.003	3.182	0.000	0.00584	236.75	ug/L
	Zn	68	577.357	3.219	-0.000	-0.03092	40.42	ug/L
>	Ge	72	135920.622	0.897	135920.622			ug/L
	As	75	5862.595	4.394	0.007	0.35421	33.95	ug/L
	Se	77	171.337	6.765	0.000	0.04873	107.43	ug/L
	Se	82	2294.313	3.743	0.003	1.19093	29.94	ug/L
	Ag	107	252.339	5.553	0.000	0.00249	38.27	ug/L
>	In	115	1652597.959	1.112	1652597.959			ug/L
	Sb	121	104.668	7.043	0.000	0.00657	12.48	ug/L
	Sb	123	83.966	4.441	0.000	0.00577	9.29	ug/L
	Ba	135	285.674	2.484	-0.000	-0.00351	86.98	ug/L
	Ba	137	497.685	6.046	0.000	0.00415	190.60	ug/L
>	Ho	165	2637690.573	3.925	2637690.573			ug/L
	Tl	205	1121.080	2.058	-0.000	-0.01230	6.14	ug/L
	Pb	208	18483.252	1.137	-0.001	-0.04221	36.59	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		89.767			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: CCV CAL BK

Report Date/Time: Friday, January 18, 2002 12:56:40

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	90.545
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	90.290
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	97.319
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: CCV CAL BK

Report Date/Time: Friday, January 18, 2002 12:56:40

Page 2

Method 200.8 - Summary Report

Sample ID: CCV STD1 30 PPB

Sample Date/Time: Friday, January 18, 2002 12:58:01

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\CCV STD1 30 PPB.2387

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	18406.470	1.965	0.024	30.49688	3.62	ug/L
>	Sc-1	45	761494.409	2.430	761494.409			ug/L
	Cr	52	408746.875	1.624	0.525	29.83678	4.17	ug/L
	Cr	53	48123.553	2.076	0.062	30.24003	1.77	ug/L
	Mn	55	654508.139	1.509	0.859	29.80981	3.75	ug/L
	Ni	60	102592.077	1.535	0.134	29.04490	2.45	ug/L
	Cu	63	236657.933	2.004	0.308	27.96198	0.75	ug/L
	Cu	65	114384.715	1.669	0.149	27.81250	4.09	ug/L
	Zn	66	80224.406	2.820	0.586	30.25388	2.20	ug/L
	Zn	67	13932.481	3.032	0.102	30.07722	3.63	ug/L
	Zn	68	58237.584	2.217	0.426	30.58919	1.58	ug/L
>	Ge	72	135348.484	0.660	135348.484			ug/L
	As	75	81665.441	0.816	0.567	30.08680	1.58	ug/L
	Se	77	6999.430	1.245	0.051	30.19554	1.66	ug/L
	Se	82	11122.245	1.310	0.068	31.12088	0.79	ug/L
	Ag	107	399106.310	1.475	0.241	29.06379	1.77	ug/L
>	In	115	1653685.339	0.296	1653685.339			ug/L
	Sb	121	310888.614	2.856	0.188	30.16760	2.95	ug/L
	Sb	123	242230.631	2.047	0.146	30.31864	1.94	ug/L
	Ba	135	95682.261	1.574	0.037	28.32486	5.19	ug/L
	Ba	137	167317.236	1.494	0.064	28.03837	5.75	ug/L
>	Ho	165	2616726.970	4.276	2616726.970			ug/L
	Tl	205	1221771.260	4.264	0.467	28.13734	6.45	ug/L
	Pb	208	1633603.361	1.625	0.617	27.77677	5.36	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		88.891			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: CCV STD1 30 PPB

Report Date/Time: Friday, January 18, 2002 12:59:32

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	90.164
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	90.349
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	96.545
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999988
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	0.999952
	Cr 53Linear Thru Zero	0.999961
	Mn 55Linear Thru Zero	0.999955
	Ni 60Linear Thru Zero	0.999855
	Cu 63Linear Thru Zero	0.999678
	Cu 65Linear Thru Zero	0.999727
	Zn 66Linear Thru Zero	0.999975
	Zn 67Linear Thru Zero	0.999975
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999989
	Se 82Linear Thru Zero	0.999997
	Ag 107Linear Thru Zero	0.999952
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	0.999937
	Sb 123Linear Thru Zero	0.999962
	Ba 135Linear Thru Zero	0.999996
	Ba 137Linear Thru Zero	0.999992
>	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999984
	Pb 208Linear Thru Zero	0.999958

Sample ID: CCV STD1 30 PPB

Report Date/Time: Friday, January 18, 2002 12:59:32

Page 2

Method 200.8 - Summary Report

Sample ID: CCV STD2 60 PPB

Sample Date/Time: Friday, January 18, 2002 13:00:53

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.2388

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	36960.367	1.820	0.050	63.40164	4.60	ug/L
>	Sc-1	45	736181.709	3.159	736181.709			ug/L
	Cr	52	812694.870	2.714	1.093	62.13841	5.54	ug/L
	Cr	53	94209.951	1.159	0.127	61.71309	2.81	ug/L
	Mn	55	1297956.304	0.293	1.763	61.20371	2.86	ug/L
	Ni	60	205658.875	2.007	0.279	60.47550	4.62	ug/L
	Cu	63	487070.813	1.846	0.659	59.80043	1.81	ug/L
	Cu	65	242923.911	2.512	0.329	61.40647	5.63	ug/L
	Zn	66	156160.019	1.951	1.163	59.99460	0.78	ug/L
	Zn	67	27355.376	1.647	0.204	60.22653	3.30	ug/L
	Zn	68	112810.757	0.388	0.840	60.38821	2.37	ug/L
>	Ge	72	133573.396	2.007	133573.396			ug/L
	As	75	159485.546	2.248	1.158	61.46381	4.34	ug/L
	Se	77	13414.359	1.640	0.099	59.30212	0.41	ug/L
	Se	82	19727.914	0.827	0.133	61.16916	1.50	ug/L
	Ag	107	809783.169	1.695	0.485	58.44758	3.80	ug/L
>	In	115	1669781.598	2.208	1669781.598			ug/L
	Sb	121	621140.747	2.199	0.372	59.69489	0.33	ug/L
	Sb	123	481209.769	1.966	0.288	59.68256	3.61	ug/L
	Ba	135	192109.210	0.538	0.072	56.24185	3.49	ug/L
	Ba	137	334124.748	1.926	0.126	55.38632	5.85	ug/L
>	Ho	165	2648659.133	3.865	2648659.133			ug/L
	Tl	205	2605636.588	3.304	0.985	59.34015	6.85	ug/L
	Pb	208	3304839.969	2.346	1.242	55.87213	5.76	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		85.937			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: CCV STD2 60 PPB

Report Date/Time: Friday, January 18, 2002 13:02:25

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	88.981
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	91.229
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	97.724
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999988
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999952
	Cr	53Linear Thru Zero	0.999961
	Mn	55Linear Thru Zero	0.999955
	Ni	60Linear Thru Zero	0.999855
	Cu	63Linear Thru Zero	0.999678
	Cu	65Linear Thru Zero	0.999727
	Zn	66Linear Thru Zero	0.999975
	Zn	67Linear Thru Zero	0.999975
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999989
	Se	82Linear Thru Zero	0.999997
	Ag	107Linear Thru Zero	0.999952
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999937
	Sb	123Linear Thru Zero	0.999962
	Ba	135Linear Thru Zero	0.999996
	Ba	137Linear Thru Zero	0.999992
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999984
	Pb	208Linear Thru Zero	0.999958

Sample ID: CCV STD2 60 PPB

Report Date/Time: Friday, January 18, 2002 13:02:25

Page 2