

Method 200.8 - Summary Report

Sample ID: Blank

Sample Date/Time: Thursday, January 03, 2002 13:23:57

Sample Type:

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\Blank.1603

Sample Prep Volume (mL):

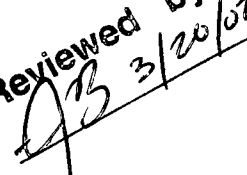
Initial Sample Quantity (mg):

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				ug/L
>	Sc-1	45	579036.608	4.687				ug/L
	Cr	52	9355.241	3.169				ug/L
	Cr	53	932.724	3.570				ug/L
	Mn	55	821.379	7.192				ug/L
	Ni	60	139.669	15.059				ug/L
	Cu	63	834.713	3.180				ug/L
	Cu	65	410.347	5.032				ug/L
[	Zn	66	619.694	6.082				ug/L
	Zn	67	159.003	4.403				ug/L
	Zn	68	474.350	3.666				ug/L
>	Ge	72	122061.283	3.766				ug/L
	As	75	451.638	16.208				ug/L
	Se	77	157.003	8.280				ug/L
	Se	82	287.007	5.203				ug/L
[	Ag	107	900.387	8.050				ug/L
>	In	115	1605799.993	2.167				ug/L
	Sb	121	83.335	13.164				ug/L
	Sb	123	62.596	9.321				ug/L
[	Ba	135	290.008	2.693				ug/L
	Ba	137	517.020	1.077				ug/L
>	Ho	165	1958078.099	1.051				ug/L
	Tl	205	1186.423	2.153				ug/L
	Pb	208	8605.680	1.250				ug/L

Reviewed by:

 3/20/02

QC Calculated Values

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

Sample ID: Blank

Report Date/Time: Wednesday, January 16, 2002 12:47:02

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	0.999970
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	0.999984
Cr	53Linear Thru Zero	0.999977
Mn	55Linear Thru Zero	0.999960
Ni	60Linear Thru Zero	0.999827
Cu	63Linear Thru Zero	0.999494
Cu	65Linear Thru Zero	0.999569
Zn	66Linear Thru Zero	0.999900
Zn	67Linear Thru Zero	0.999982
Zn	68Linear Thru Zero	0.999959
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999975
Se	77Linear Thru Zero	0.999922
Se	82Linear Thru Zero	0.999977
Ag	107Linear Thru Zero	0.999993
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	0.999859
Sb	123Linear Thru Zero	0.999928
Ba	135Linear Thru Zero	0.999952
Ba	137Linear Thru Zero	0.999973
> Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999997
Pb	208Linear Thru Zero	0.999990

Sample ID: Blank

Report Date/Time: Wednesday, January 16, 2002 12:47:02

Page 2

Method 200.8 - Summary Report

Sample ID: Standard 1

Sample Date/Time: Thursday, January 03, 2002 13:27:47

Sample Type:

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\Standard 1.1604

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	11448.995	4.279	0.019	29.53865	5.01	ug/L
>	Sc-1	45	609503.429	3.963	609503.429			ug/L
	Cr	52	358525.121	1.164	0.573	30.33636	3.00	ug/L
	Cr	53	41476.859	2.587	0.067	30.40623	5.00	ug/L
	Mn	55	532250.197	3.273	0.873	29.46150	7.22	ug/L
	Ni	60	88514.168	4.046	0.145	28.88514	8.17	ug/L
	Cu	63	203460.423	1.018	0.333	28.08975	3.07	ug/L
[	Cu	65	103158.548	3.723	0.169	28.23721	5.46	ug/L
	Zn	66	66177.083	2.466	0.532	29.15337	0.28	ug/L
	Zn	67	12162.586	1.227	0.097	29.64347	1.80	ug/L
	Zn	68	50146.136	2.200	0.403	30.54462	2.63	ug/L
>	Ge	72	123155.067	2.191	123155.067			ug/L
	As	75	74157.447	0.983	0.599	30.42231	3.09	ug/L
	Se	77	6634.154	3.049	0.053	30.75050	3.23	ug/L
	Se	82	8566.121	1.906	0.067	29.59686	4.26	ug/L
[	Ag	107	389399.809	0.421	0.243	29.77790	0.99	ug/L
>	In	115	1599500.807	0.983	1599500.807			ug/L
	Sb	121	308224.708	1.393	0.193	31.00941	0.87	ug/L
[	Sb	123	234033.288	1.496	0.146	30.72114	2.42	ug/L
	Ba	135	92148.622	1.067	0.047	27.98319	2.09	ug/L
	Ba	137	160177.222	2.343	0.081	27.84243	4.53	ug/L
>	Ho	165	1974934.309	3.122	1974934.309			ug/L
	Tl	205	959179.177	0.609	0.485	27.56631	3.09	ug/L
[	Pb	208	1324364.473	1.341	0.667	27.18760	4.13	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: Wednesday, January 16, 2002 12:47:05

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	0.999970
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	0.999984
Cr	53Linear Thru Zero	0.999977
Mn	55Linear Thru Zero	0.999960
Ni	60Linear Thru Zero	0.999827
Cu	63Linear Thru Zero	0.999494
Cu	65Linear Thru Zero	0.999569
Zn	66Linear Thru Zero	0.999900
Zn	67Linear Thru Zero	0.999982
Zn	68Linear Thru Zero	0.999959
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999975
Se	77Linear Thru Zero	0.999922
Se	82Linear Thru Zero	0.999977
Ag	107Linear Thru Zero	0.999993
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	0.999859
Sb	123Linear Thru Zero	0.999928
Ba	135Linear Thru Zero	0.999436
Ba	137Linear Thru Zero	0.999354
> Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999178
Pb	208Linear Thru Zero	0.998903

Sample ID: Standard 1

Report Date/Time: Wednesday, January 16, 2002 12:47:05

Page 2

Method 200.8 - Summary Report

Sample ID: Standard 2

Sample Date/Time: Thursday, January 03, 2002 13:30:45

Sample Type:

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\Standard 2.1605

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	22365.728	3.767	0.038	60.23067	1.64	ug/L
>	Sc-1	45	584196.062	5.082	584196.062			ug/L
	Cr	52	668210.236	3.741	1.129	59.83179	5.39	ug/L
	Cr	53	77213.407	2.357	0.131	59.79686	6.00	ug/L
	Mn	55	1042321.034	1.821	1.787	60.26928	6.83	ug/L
	Ni	60	177673.953	1.934	0.305	60.55745	6.95	ug/L
	Cu	63	421336.356	3.280	0.722	60.95513	8.41	ug/L
[	Cu	65	212415.806	2.149	0.364	60.88139	7.21	ug/L
	Zn	66	133252.675	3.679	1.103	60.42333	5.40	ug/L
	Zn	67	23967.143	3.000	0.198	60.17828	1.77	ug/L
	Zn	68	95373.994	3.333	0.789	59.72768	2.58	ug/L
>	Ge	72	120323.191	2.370	120323.191			ug/L
	As	75	141964.034	0.806	1.177	59.78890	2.78	ug/L
	Se	77	12413.600	3.349	0.102	59.62472	5.72	ug/L
	Se	82	16727.550	2.753	0.137	60.20155	5.15	ug/L
[	Ag	107	787805.263	1.215	0.490	60.11105	1.41	ug/L
>	In	115	1604860.033	0.460	1604860.033			ug/L
	Sb	121	593240.044	1.970	0.370	59.49530	2.24	ug/L
[	Sb	123	455879.539	1.628	0.284	59.63941	1.20	ug/L
	Ba	135	181484.154	0.857	0.091	59.70501	2.42	ug/L
	Ba	137	317518.816	1.572	0.159	59.78033	2.97	ug/L
>	Ho	165	1995614.778	1.771	1995614.778			ug/L
	Tl	205	1925954.970	2.653	0.965	59.92809	4.33	ug/L
[	Pb	208	2698523.549	0.885	1.348	60.13084	2.27	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: Wednesday, January 16, 2002 12:47:08

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	0.999970
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	0.999984
Cr	53Linear Thru Zero	0.999977
Mn	55Linear Thru Zero	0.999960
Ni	60Linear Thru Zero	0.999827
Cu	63Linear Thru Zero	0.999494
Cu	65Linear Thru Zero	0.999569
Zn	66Linear Thru Zero	0.999900
Zn	67Linear Thru Zero	0.999982
Zn	68Linear Thru Zero	0.999959
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999975
Se	77Linear Thru Zero	0.999922
Se	82Linear Thru Zero	0.999977
Ag	107Linear Thru Zero	0.999993
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	0.999859
Sb	123Linear Thru Zero	0.999928
Ba	135Linear Thru Zero	0.999952
Ba	137Linear Thru Zero	0.999973
> Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999997
Pb	208Linear Thru Zero	0.999990

Sample ID: Standard 2

Report Date/Time: Wednesday, January 16, 2002 12:47:08

Page 2

Method 200.8 - Summary Report

Sample ID: ICV CAL BK

Sample Date/Time: Thursday, January 03, 2002 13:36:11

Sample Type:

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\ICV CAL BK.1606

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	15.333	20.964	-0.000	-0.00317	296.04	ug/L
>	Sc-1	45	600505.028	2.979	600505.028			ug/L
	Cr	52	10180.801	2.406	0.001	0.04254	55.36	ug/L
	Cr	53	720.702	2.445	-0.000	-0.18764	3.83	ug/L
	Mn	55	1158.420	14.621	0.001	0.01708	44.09	ug/L
	Ni	60	150.669	3.655	0.000	0.00192	27.07	ug/L
	Cu	63	814.711	3.736	-0.000	-0.00717	31.64	ug/L
	Cu	65	390.346	7.619	-0.000	-0.00991	50.75	ug/L
	Zn	66	607.026	3.472	-0.000	-0.00806	80.23	ug/L
	Zn	67	150.669	9.672	-0.000	-0.02410	140.60	ug/L
	Zn	68	480.684	8.128	0.000	0.00117	1666.67	ug/L
>	Ge	72	123119.799	1.569	123119.799			ug/L
	As	75	434.547	23.910	-0.000	-0.00871	491.87	ug/L
	Se	77	157.670	4.588	-0.000	-0.00309	1264.33	ug/L
	Se	82	269.340	1.905	-0.000	-0.07182	39.27	ug/L
	Ag	107	804.377	7.431	-0.000	-0.00594	90.35	ug/L
>	In	115	1571409.026	2.297	1571409.026			ug/L
	Sb	121	211.338	18.377	0.000	0.01325	27.07	ug/L
	Sb	123	167.720	11.008	0.000	0.01422	16.45	ug/L
	Ba	135	295.008	5.549	0.000	0.00060	976.20	ug/L
	Ba	137	471.017	4.387	-0.000	-0.00987	30.88	ug/L
>	Ho	165	1980158.726	1.374	1980158.726			ug/L
	Tl	205	1139.083	1.229	-0.000	-0.00190	34.90	ug/L
	Pb	208	8360.922	2.848	-0.000	-0.00763	102.37	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		103.708			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: ICV CAL BK

Report Date/Time: Wednesday, January 16, 2002 12:47:12

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	100.867
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	97.858
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.128
	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 CAL BK

Report Date/Time: Wednesday, January 16, 2002 12:47:12

Page 2

Method 200.8 - Summary Report

Sample ID: ICV STD1 30 PPB

Sample Date/Time: Thursday, January 03, 2002 13:39:25

Sample Type:

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\ICV STD1 30 PPB.1607

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	11031.468	2.157	0.019	30.57795	1.47	ug/L
>	Sc-1	45	566901.478	1.582	566901.478			ug/L
	Cr	52	335841.884	1.839	0.576	30.54309	3.08	ug/L
	Cr	53	39626.994	3.884	0.068	31.23395	5.36	ug/L
	Mn	55	531186.685	1.859	0.936	31.56549	3.11	ug/L
	Ni	60	90879.711	2.226	0.160	31.83427	3.71	ug/L
	Cu	63	217507.721	3.431	0.382	32.29165	4.71	ug/L
	Cu	65	107252.847	1.899	0.189	31.55586	3.46	ug/L
	Zn	66	67841.778	3.782	0.567	31.07635	5.12	ug/L
	Zn	67	12013.062	4.363	0.100	30.41810	4.44	ug/L
	Zn	68	48575.934	1.353	0.406	30.73407	2.44	ug/L
>	Ge	72	118566.108	1.314	118566.108			ug/L
	As	75	71917.531	2.462	0.603	30.63956	3.31	ug/L
	Se	77	6376.299	0.452	0.052	30.69675	1.72	ug/L
	Se	82	8694.577	1.652	0.071	31.24723	2.85	ug/L
	Ag	107	400754.199	1.682	0.254	31.16395	3.36	ug/L
>	In	115	1573581.711	1.673	1573581.711			ug/L
	Sb	121	307154.678	0.912	0.195	31.41978	2.52	ug/L
	Sb	123	235718.655	0.991	0.150	31.45189	1.55	ug/L
	Ba	135	90171.307	1.705	0.046	30.10873	1.97	ug/L
	Ba	137	158675.953	1.614	0.081	30.31724	0.89	ug/L
>	Ho	165	1962635.404	1.035	1962635.404			ug/L
	Tl	205	973107.360	2.765	0.495	30.75323	2.30	ug/L
	Pb	208	1334870.746	1.643	0.676	30.14510	2.68	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		97.904			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: ICV STD1 30 PPB

Report Date/Time: Wednesday, January 16, 2002 12:47:15

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	97.137
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	97.994
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.233
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999970
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999984
	Cr	53Linear Thru Zero	0.999977
	Mn	55Linear Thru Zero	0.999960
	Ni	60Linear Thru Zero	0.999827
	Cu	63Linear Thru Zero	0.999494
	Cu	65Linear Thru Zero	0.999569
	Zn	66Linear Thru Zero	0.999900
	Zn	67Linear Thru Zero	0.999982
	Zn	68Linear Thru Zero	0.999959
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999975
	Se	77Linear Thru Zero	0.999922
	Se	82Linear Thru Zero	0.999977
	Ag	107Linear Thru Zero	0.999993
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999859
	Sb	123Linear Thru Zero	0.999928
	Ba	135Linear Thru Zero	0.999952
	Ba	137Linear Thru Zero	0.999973
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999997
	Pb	208Linear Thru Zero	0.999990

Sample ID: ICV STD1 30 PPB

Report Date/Time: Wednesday, January 16, 2002 12:47:15

Page 2

Method 200.8 - Summary Report

Sample ID: ICV STD2 60 PPB

Sample Date/Time: Thursday, January 03, 2002 13:42:48

Sample Type:

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\ICV STD2 60 PPB.1608

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

54-66

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	22592.599	0.978	0.037	58.10252	3.25	ug/L
>	Sc-1	45	611851.058	3.346	611851.058			ug/L
	Cr	52	699613.107	3.644	1.128	59.77719	5.10	ug/L
	Cr	53	83173.949	1.193	0.134	61.43641	2.28	ug/L
	Mn	55	1068102.606	3.284	1.747	58.91856	6.54	ug/L
	Ni	60	178212.086	4.028	0.291	57.92686	6.37	ug/L
	Cu	63	404190.445	3.418	0.660	55.69851	4.47	ug/L
[	Cu	65	198086.099	1.472	0.323	54.11009	4.09	ug/L
[	Zn	66	127336.138	3.242	1.025	56.14544	2.64	ug/L
	Zn	67	22778.406	2.346	0.183	55.64520	1.93	ug/L
	Zn	68	96987.644	1.339	0.781	59.12172	0.92	ug/L
>	Ge	72	123603.224	1.044	123603.224			ug/L
	As	75	146062.914	0.564	1.178	59.86045	0.80	ug/L
	Se	77	13198.374	1.423	0.106	61.69073	2.26	ug/L
[	Se	82	16881.841	3.386	0.134	59.08983	4.11	ug/L
[	Ag	107	762203.952	1.405	0.486	59.57106	1.80	ug/L
>	In	115	1566801.796	0.393	1566801.796			ug/L
	Sb	121	595650.037	1.764	0.380	61.18524	1.68	ug/L
[	Sb	123	458121.678	1.751	0.292	61.39321	2.03	ug/L
[	Ba	135	182915.369	0.483	0.091	60.04032	1.46	ug/L
	Ba	137	317836.122	0.306	0.159	59.70694	2.10	ug/L
>	Ho	165	1999951.005	1.883	1999951.005			ug/L
	Tl	205	1882406.505	3.641	0.941	58.43153	4.15	ug/L
[	Pb	208	2586299.613	0.761	1.289	57.50154	2.67	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		105.667			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: ICV STD2 60 PPB

Report Date/Time: Wednesday, January 16, 2002 12:47:19

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	101.263
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	97.571
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	102.138
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999970
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999984
	Cr	53Linear Thru Zero	0.999977
	Mn	55Linear Thru Zero	0.999960
	Ni	60Linear Thru Zero	0.999827
	Cu	63Linear Thru Zero	0.999494
	Cu	65Linear Thru Zero	0.999569
	Zn	66Linear Thru Zero	0.999900
	Zn	67Linear Thru Zero	0.999982
	Zn	68Linear Thru Zero	0.999959
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999975
	Se	77Linear Thru Zero	0.999922
	Se	82Linear Thru Zero	0.999977
	Ag	107Linear Thru Zero	0.999993
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999859
	Sb	123Linear Thru Zero	0.999928
	Ba	135Linear Thru Zero	0.999952
	Ba	137Linear Thru Zero	0.999973
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999997
	Pb	208Linear Thru Zero	0.999990

Sample ID: ICV STD2 60 PPB

Report Date/Time: Wednesday, January 16, 2002 12:47:19

Page 2

Method 200.8 - Summary Report**Sample ID: QCS 50 PPB**

Sample Date/Time: Thursday, January 03, 2002 13:46:38

Sample Type:

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\QCS 50 PPB.1609

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

45, 55

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	18978.317	2.047	0.031	48.95510	3.46	ug/L
>	Sc-1	45	609977.799	3.971	609977.799			ug/L
	Cr	52	597821.946	1.416	0.965	51.12456	3.87	ug/L
	Cr	53	68964.062	2.574	0.112	51.03540	6.53	ug/L
	Mn	55	887594.464	2.840	1.456	49.10905	6.29	ug/L
	Ni	60	147216.912	2.976	0.242	48.01901	6.82	ug/L
	Cu	63	343257.583	4.001	0.562	47.42837	4.46	ug/L
	Cu	65	169232.894	2.332	0.277	46.34086	2.71	ug/L
	Zn	66	109721.769	2.031	0.886	48.53603	1.83	ug/L
	Zn	67	19929.025	2.029	0.161	48.82776	1.51	ug/L
	Zn	68	83068.726	2.021	0.671	50.79669	2.06	ug/L
>	Ge	72	123116.308	0.647	123116.308			ug/L
	As	75	125704.385	1.395	1.017	51.69722	2.04	ug/L
	Se	77	11014.784	3.537	0.088	51.56242	3.79	ug/L
	Se	82	14215.919	2.175	0.113	49.78757	2.38	ug/L
	Ag	107	668973.001	2.102	0.433	53.12588	2.70	ug/L
>	In	115	1541886.823	0.880	1541886.823			ug/L
	Sb	121	508248.334	0.075	0.330	53.05254	0.81	ug/L
	Sb	123	390175.333	0.580	0.253	53.13092	0.66	ug/L
	Ba	135	151774.362	2.191	0.077	50.57222	2.62	ug/L
	Ba	137	265012.948	1.290	0.134	50.53055	1.49	ug/L
>	Ho	165	1969351.798	0.644	1969351.798			ug/L
	Tl	205	1590581.574	1.443	0.807	50.12401	1.73	ug/L
	Pb	208	2163300.131	1.590	1.094	48.79641	0.95	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		105.344			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: QCS 50 PPB

Report Date/Time: Wednesday, January 16, 2002 12:47:22

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	100.864
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	96.020
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.576
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999970
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999984
	Cr	53Linear Thru Zero	0.999977
	Mn	55Linear Thru Zero	0.999960
	Ni	60Linear Thru Zero	0.999827
	Cu	63Linear Thru Zero	0.999494
	Cu	65Linear Thru Zero	0.999569
	Zn	66Linear Thru Zero	0.999900
	Zn	67Linear Thru Zero	0.999982
	Zn	68Linear Thru Zero	0.999959
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999975
	Se	77Linear Thru Zero	0.999922
	Se	82Linear Thru Zero	0.999977
	Ag	107Linear Thru Zero	0.999993
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999859
	Sb	123Linear Thru Zero	0.999928
	Ba	135Linear Thru Zero	0.999952
	Ba	137Linear Thru Zero	0.999973
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999997
	Pb	208Linear Thru Zero	0.999990

Method 200.8 - Summary Report

Sample ID: LFB 50 PPB

Sample Date/Time: Thursday, January 03, 2002 13:50:05

Sample Type:

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\LFB 50 PPB.1610

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	18700.403	1.280	0.032	50.11456	1.90	ug/L
>	Sc-1	45	586901.552	2.952	586901.552			ug/L
	Cr	52	589466.317	2.493	0.988	52.37183	1.59	ug/L
	Cr	53	69073.971	3.340	0.116	53.09288	4.27	ug/L
	Mn	55	906582.092	2.120	1.545	52.10241	4.93	ug/L
	Ni	60	149860.787	5.226	0.256	50.79615	8.12	ug/L
	Cu	63	342556.816	4.290	0.583	49.22998	7.02	ug/L
[	Cu	65	166012.630	3.526	0.282	47.25349	4.98	ug/L
	Zn	66	105252.650	1.921	0.867	47.50874	3.91	ug/L
	Zn	67	19441.298	1.741	0.160	48.58780	0.69	ug/L
	Zn	68	79454.263	2.118	0.655	49.56367	3.01	ug/L
>	Ge	72	120708.916	2.326	120708.916			ug/L
	As	75	121580.356	0.802	1.004	51.01491	3.02	ug/L
	Se	77	10696.734	3.298	0.087	51.10669	5.68	ug/L
[	Se	82	13920.462	3.064	0.113	49.76064	5.26	ug/L
	Ag	107	659087.504	2.871	0.429	52.64667	2.69	ug/L
>	In	115	1532688.129	0.512	1532688.129			ug/L
	Sb	121	487741.493	0.800	0.318	51.21607	1.05	ug/L
[	Sb	123	374640.220	1.195	0.244	51.31888	0.76	ug/L
	Ba	135	150157.570	1.304	0.075	49.41714	2.89	ug/L
	Ba	137	263507.071	0.463	0.132	49.62069	1.68	ug/L
>	Ho	165	1994404.668	2.130	1994404.668			ug/L
	Tl	205	1575924.268	3.813	0.789	49.03066	2.71	ug/L
[	Pb	208	2140486.867	0.571	1.069	47.68784	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		101.358			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: LFB 50 PPB

Report Date/Time: Wednesday, January 16, 2002 12:47:25

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	98.892
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	95.447
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	101.855
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999970
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999984
	Cr	53Linear Thru Zero	0.999977
	Mn	55Linear Thru Zero	0.999960
	Ni	60Linear Thru Zero	0.999827
	Cu	63Linear Thru Zero	0.999494
	Cu	65Linear Thru Zero	0.999569
	Zn	66Linear Thru Zero	0.999900
	Zn	67Linear Thru Zero	0.999982
	Zn	68Linear Thru Zero	0.999959
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999975
	Se	77Linear Thru Zero	0.999922
	Se	82Linear Thru Zero	0.999977
	Ag	107Linear Thru Zero	0.999993
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999859
	Sb	123Linear Thru Zero	0.999928
	Ba	135Linear Thru Zero	0.999952
	Ba	137Linear Thru Zero	0.999973
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999997
	Pb	208Linear Thru Zero	0.999990

Sample ID: LFB 50 PPB

Report Date/Time: Wednesday, January 16, 2002 12:47:25

Page 2

Method 200.8 - Summary Report

Sample ID: LRB

Sample Date/Time: Thursday, January 03, 2002 13:55:55

Sample Type:

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\LRB.1611

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	13.000	46.154	-0.000	-0.00773	223.09	ug/L
>	Sc-1	45	580244.019	6.129	580244.019			ug/L
	Cr	52	9152.701	3.853	-0.000	-0.01936	140.28	ug/L
	Cr	53	725.703	4.513	-0.000	-0.16362	21.34	ug/L
	Mn	55	1158.752	0.648	0.001	0.01970	22.85	ug/L
	Ni	60	127.002	13.152	-0.000	-0.00410	201.85	ug/L
	Cu	63	818.378	3.545	-0.000	-0.00228	424.40	ug/L
	Cu	65	436.348	3.448	0.000	0.00773	153.40	ug/L
[	Zn	66	587.692	6.930	-0.000	-0.00970	169.19	ug/L
	Zn	67	154.336	5.879	-0.000	-0.00399	901.29	ug/L
	Zn	68	466.017	6.653	-0.000	-0.00031	2293.53	ug/L
>	Ge	72	119962.445	4.257	119962.445			ug/L
	As	75	422.287	9.035	-0.000	-0.00918	151.45	ug/L
	Se	77	146.669	10.959	-0.000	-0.03844	127.50	ug/L
	Se	82	271.673	1.063	-0.000	-0.03687	125.76	ug/L
[	Ag	107	851.715	5.662	-0.000	-0.00209	179.85	ug/L
>	In	115	1566827.747	2.510	1566827.747			ug/L
	Sb	121	153.003	0.654	0.000	0.00737	6.60	ug/L
	Sb	123	119.015	15.101	0.000	0.00774	27.62	ug/L
[	Ba	135	256.673	6.627	-0.000	-0.01181	40.20	ug/L
	Ba	137	454.683	1.326	-0.000	-0.01255	15.73	ug/L
>	Ho	165	1971400.944	1.147	1971400.944			ug/L
	Tl	205	1127.415	4.589	-0.000	-0.00211	81.80	ug/L
	Pb	208	8504.316	1.194	-0.000	-0.00359	108.67	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		100.209			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: LRB

Report Date/Time: Wednesday, January 16, 2002 12:47:29

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	98.281
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	97.573
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	100.680
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999970
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999984
	Cr	53Linear Thru Zero	0.999977
	Mn	55Linear Thru Zero	0.999960
	Ni	60Linear Thru Zero	0.999827
	Cu	63Linear Thru Zero	0.999494
	Cu	65Linear Thru Zero	0.999569
	Zn	66Linear Thru Zero	0.999900
	Zn	67Linear Thru Zero	0.999982
	Zn	68Linear Thru Zero	0.999959
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999975
	Se	77Linear Thru Zero	0.999922
	Se	82Linear Thru Zero	0.999977
	Ag	107Linear Thru Zero	0.999993
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999859
	Sb	123Linear Thru Zero	0.999928
	Ba	135Linear Thru Zero	0.999952
	Ba	137Linear Thru Zero	0.999973
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999997
	Pb	208Linear Thru Zero	0.999990

Sample ID: LRB

Report Date/Time: Wednesday, January 16, 2002 12:47:29

Page 2

Method 200.8 - Summary Report

Sample ID: AD30010

Sample Date/Time: Thursday, January 03, 2002 13:58:58

Sample Type:

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\elandata\07-18-01 to 01-03-2002\daily performance\AD30010.1612

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	19.667	22.928	0.000	0.00893	136.84	ug/L
>	Sc-1	45	590646.450	1.921	590646.450			ug/L
	Cr	52	11129.594	4.044	0.003	0.14211	16.09	ug/L
	Cr	53	1151.751	3.011	0.000	0.15505	13.49	ug/L
	Mn	55	370202.442	3.193	0.625	21.08933	1.28	ug/L
	Ni	60	1070.741	5.878	0.002	0.31237	5.84	ug/L
	Cu	63	9478.704	3.204	0.015	1.23352	3.24	ug/L
	Cu	65	4530.509	4.138	0.007	1.16610	6.59	ug/L
	Zn	66	1902.219	6.134	0.010	0.55625	10.69	ug/L
	Zn	67	545.022	9.084	0.003	0.93062	13.26	ug/L
	Zn	68	2065.589	3.086	0.013	0.95800	5.56	ug/L
>	Ge	72	124952.659	1.986	124952.659			ug/L
	As	75	1488.526	1.483	0.008	0.41737	1.84	ug/L
	Se	77	206.004	11.447	0.000	0.21146	49.16	ug/L
	Se	82	340.010	3.071	0.000	0.16258	8.47	ug/L
	Ag	107	448.349	6.818	-0.000	-0.03476	6.32	ug/L
>	In	115	1617345.563	0.644	1617345.563			ug/L
	Sb	121	626.695	4.515	0.000	0.05403	5.85	ug/L
	Sb	123	454.727	8.291	0.000	0.05083	8.93	ug/L
	Ba	135	43440.655	1.368	0.021	13.81468	1.33	ug/L
	Ba	137	76533.301	1.803	0.037	13.92758	1.87	ug/L
>	Ho	165	2052858.407	1.139	2052858.407			ug/L
	Tl	205	206.004	3.398	-0.001	-0.03140	0.86	ug/L
	Pb	208	3597.310	3.713	-0.003	-0.11784	3.20	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		102.005			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					

Sample ID: AD30010

Report Date/Time: Wednesday, January 16, 2002 12:47:32

Page 1

	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	102.369
	As	75	
	Se	77	
	Se	82	
	Ag	107	
>	In	115	100.719
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Ho	165	104.840
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999970
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999984
	Cr	53Linear Thru Zero	0.999977
	Mn	55Linear Thru Zero	0.999960
	Ni	60Linear Thru Zero	0.999827
	Cu	63Linear Thru Zero	0.999494
	Cu	65Linear Thru Zero	0.999569
	Zn	66Linear Thru Zero	0.999900
	Zn	67Linear Thru Zero	0.999982
	Zn	68Linear Thru Zero	0.999959
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999975
	Se	77Linear Thru Zero	0.999922
	Se	82Linear Thru Zero	0.999977
	Ag	107Linear Thru Zero	0.999993
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999859
	Sb	123Linear Thru Zero	0.999928
	Ba	135Linear Thru Zero	0.999952
	Ba	137Linear Thru Zero	0.999973
>	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999997
	Pb	208Linear Thru Zero	0.999990

Sample ID: AD30010

Report Date/Time: Wednesday, January 16, 2002 12:47:32

Page 2