

Method 200.8 - Summary Report

Sample ID: Blank

Sample Date/Time: Wednesday, December 12, 2001 09:29:49

Sample Type: Sample

Sample Description: CAL BK

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\Blank.487

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	40.000	37.333				ug/L
> Sc-1	45	1252234.498	1.722				ug/L
Cr	52	20871.474	0.685				ug/L
Cr	53	1330.784	31.921				ug/L
Mn	55	2148.609	1.523				ug/L
Ni	60	4528.507	2.311				ug/L
Cu	63	10718.423	1.186				ug/L
Cu	65	5161.850	1.783				ug/L
Zn	66	2354.996	3.931				ug/L
Zn	67	416.014	1.683				ug/L
Zn	68	1697.175	1.757				ug/L
> Ge	72	218454.852	0.832				ug/L
As	75	-38.820	95.409				ug/L
Se	77	274.674	4.389				ug/L
Se	82	248.339	6.256				ug/L
Y	89	3203060.679	0.500				ug/L
Ag	107	361.011	7.722				ug/L
> In	115	3131047.752	0.066				ug/L
Sb	121	94.335	10.724				ug/L
Sb	123	66.409	23.666				ug/L
Ba	135	382.345	6.721				ug/L
Ba	137	635.695	4.585				ug/L
Tb	159	4126219.743	1.107				ug/L
> Ho	165	4176768.461	0.902				ug/L
Bi	209	3052300.256	1.278				ug/L
Tl	205	230.672	15.884				ug/L
Pb	208	6501.633	1.219				ug/L
Au	197	2031961.618	5.070				mg/L

Reviewed by,

Sample ID: Blank

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
[	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72					
	As	75					
	Se	77					
[	Se	82					
[	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
[	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
[	Au	197					

Sample ID: Blank

Report Date/Time: Wednesday, December 12, 2001 09:31:33

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Method 200.8 - Summary Report

Sample ID: Standard 1

Sample Date/Time: Wednesday, December 12, 2001 09:41:16

Sample Type: Sample

Sample Description: CAL BK

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\Standard 1.488

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	96583.994	0.583	0.080	120.00000	1.66	ug/L
>	Sc-1	45	1206704.460	1.119	1206704.460			ug/L
	Cr	52	3037666.141	0.788	2.501	120.00000	1.90	ug/L
	Cr	53	320796.963	0.728	0.265	120.00000	1.60	ug/L
	Mn	55	5099533.991	0.658	4.224	120.00000	0.78	ug/L
	Ni	60	841312.777	0.672	0.694	120.00000	1.34	ug/L
	Cu	63	1797564.111	0.243	1.481	120.00000	1.29	ug/L
[	Cu	65	853892.908	1.067	0.704	120.00000	2.11	ug/L
[	Zn	66	504984.409	0.083	2.357	120.00000	1.03	ug/L
	Zn	67	89503.337	0.516	0.418	120.00000	0.83	ug/L
	Zn	68	370403.275	0.896	1.729	120.00000	0.26	ug/L
>	Ge	72	213287.635	1.013	213287.635			ug/L
	As	75	504955.553	1.026	2.368	120.00000	1.08	ug/L
	Se	77	44823.017	1.043	0.209	120.00000	0.05	ug/L
[	Se	82	59222.559	1.446	0.277	120.00000	0.78	ug/L
[	Y	89	3159808.211	0.361	0.008			ug/L
	Ag	107	3140244.817	0.758	1.025	120.00000	0.27	ug/L
>	In	115	3063353.931	0.508	3063353.931			ug/L
	Sb	121	1825310.242	0.922	0.596	120.00000	1.12	ug/L
[	Sb	123	1419593.008	1.075	0.463	120.00000	1.16	ug/L
[	Ba	135	631310.098	1.187	0.151	120.00000	1.54	ug/L
	Ba	137	1097430.401	0.819	0.262	120.00000	1.21	ug/L
	Tb	159	4140255.321	0.577	0.002			ug/L
>	Ho	165	4182651.303	0.444	4182651.303			ug/L
	Bi	209	2996538.529	0.557	-0.014			ug/L
	Tl	205	8296137.391	1.121	1.983	120.00000	1.04	ug/L
	Pb	208	10782988.204	2.259	2.576	120.00000	1.89	ug/L
[	Au	197	1150250.601	0.758	-0.211			mg/L

Sample ID: Standard 1

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72					
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: Standard 1

Report Date/Time: Wednesday, December 12, 2001 09:43:00

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Method 200.8 - Summary Report

Sample ID: CAL BK

Sample Date/Time: Wednesday, December 12, 2001 09:45:11

Sample Type: Sample

Sample Description: CAL BK

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\CAL BK.489

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	31.000	8.535	-0.000	-0.00988	31.82	ug/L
>	Sc-1	45	1222613.979	0.390	1222613.979			ug/L
	Cr	52	20176.568	0.760	-0.000	-0.00790	68.36	ug/L
	Cr	53	1002.399	1.697	-0.000	-0.11003	6.99	ug/L
	Mn	55	2578.060	8.453	0.000	0.01115	43.41	ug/L
	Ni	60	4689.256	0.503	0.000	0.03792	14.42	ug/L
	Cu	63	10586.268	1.966	0.000	0.00807	189.14	ug/L
	Cu	65	5169.521	1.427	0.000	0.01809	45.40	ug/L
[	Zn	66	2312.651	2.101	0.000	0.00109	912.32	ug/L
	Zn	67	414.347	3.631	0.000	0.00893	234.96	ug/L
	Zn	68	1697.842	2.462	0.000	0.01122	129.23	ug/L
>	Ge	72	214094.122	0.316	214094.122			ug/L
	As	75	-91.529	40.887	-0.000	-0.01264	69.68	ug/L
	Se	77	291.674	3.434	0.000	0.06029	41.46	ug/L
	Se	82	223.005	3.559	-0.000	-0.04131	38.45	ug/L
[	Y	89	3199811.363	0.717	0.005			ug/L
	Ag	107	1763.860	19.681	0.000	0.05283	24.73	ug/L
>	In	115	3113756.785	0.679	3113756.785			ug/L
	Sb	121	854.383	18.660	0.000	0.04921	21.18	ug/L
	Sb	123	672.525	17.371	0.000	0.05045	19.37	ug/L
[	Ba	135	418.347	5.838	0.000	0.00588	90.00	ug/L
	Ba	137	700.367	7.011	0.000	0.00607	72.56	ug/L
	Tb	159	4170191.133	1.056	-0.002			ug/L
>	Ho	165	4230626.958	1.236	4230626.958			ug/L
	Bi	209	3044892.809	0.256	-0.011			ug/L
	Tl	205	677.367	30.245	0.000	0.00633	44.82	ug/L
	Pb	208	6803.067	3.838	0.000	0.00239	106.67	ug/L
	Au	197	1939081.978	7.557	-0.028			mg/L

Sample ID: CAL BK

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		98.004			
	As	75					
	Se	77					
	Se	82					
[	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: CAL BK

Report Date/Time: Wednesday, December 12, 2001 09:46:55

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Method 200.8 - Summary Report

Sample ID: STD 1

Sample Date/Time: Wednesday, December 12, 2001 09:49:56

Sample Type: Sample

Sample Description: 120 PPB

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\STD 1.490

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	95090.712	0.961	0.078	116.68004	1.12	ug/L
>	Sc-1	45	1221756.912	1.173	1221756.912			ug/L
[	Cr	52	3028963.077	0.497	2.463	118.15942	0.68	ug/L
[	Cr	53	319474.743	0.171	0.260	118.02439	1.32	ug/L
[	Mn	55	5093948.435	1.337	4.168	118.39139	1.39	ug/L
[	Ni	60	845472.459	0.405	0.688	119.10043	0.86	ug/L
[	Cu	63	1756731.958	1.409	1.430	115.81096	2.22	ug/L
[	Cu	65	851642.183	0.206	0.693	118.18973	0.97	ug/L
[	Zn	66	495696.404	0.557	2.353	119.80238	1.06	ug/L
[	Zn	67	87902.146	0.562	0.417	119.86745	1.16	ug/L
[	Zn	68	361313.377	0.816	1.715	119.05586	1.22	ug/L
>	Ge	72	209702.178	0.604	209702.178			ug/L
[	As	75	498662.619	0.384	2.378	120.52716	0.22	ug/L
[	Se	77	44377.831	0.580	0.210	120.84505	0.18	ug/L
[	Se	82	58856.842	0.858	0.280	121.30490	0.53	ug/L
[	Y	89	3215876.858	0.834	0.020			ug/L
[	Ag	107	3166463.331	0.785	1.027	120.22686	0.20	ug/L
>	In	115	3083104.039	0.586	3083104.039			ug/L
[	Sb	121	1810659.189	0.339	0.587	118.27434	0.70	ug/L
[	Sb	123	1401787.207	1.170	0.455	117.74013	1.62	ug/L
[	Ba	135	619543.096	0.667	0.146	115.95457	1.21	ug/L
[	Ba	137	1082508.124	1.567	0.255	116.54287	1.14	ug/L
[	Tb	159	4170705.134	0.160	-0.006			ug/L
>	Ho	165	4247953.499	1.084	4247953.499			ug/L
[	Bi	209	3001638.537	0.150	-0.024			ug/L
[	Tl	205	8352426.157	0.668	1.966	118.96756	1.41	ug/L
[	Pb	208	10671224.700	0.265	2.511	116.94101	0.85	ug/L
[	Au	197	1127979.241	1.038	-0.221			mg/L



Sample ID: STD 1

Report Date/Time: Wednesday, December 12, 2001 09:51:40

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		95.993			
	As	75					
	Se	77					
	Se	82					
[	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: STD 1

Report Date/Time: Wednesday, December 12, 2001 09:51:40

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Method 200.8 - Summary Report

Sample ID: QCS

Sample Date/Time: Wednesday, December 12, 2001 09:54:22

Sample Type: Sample

Sample Description: 100 PPB

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\QCS.491

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	79973.359	0.443	0.066	98.44957	1.01	ug/L
>	Sc-1	45	1217684.020	0.612	1217684.020			ug/L
	Cr	52	2509735.346	0.125	2.044	98.09377	0.49	ug/L
	Cr	53	261287.094	0.780	0.214	96.75432	0.42	ug/L
	Mn	55	4187629.249	1.079	3.437	97.63866	0.79	ug/L
	Ni	60	638339.924	1.561	0.521	90.06458	1.37	ug/L
	Cu	63	1398786.235	1.321	1.140	92.36665	0.71	ug/L
[	Cu	65	688696.289	1.242	0.561	95.75371	0.64	ug/L
[	Zn	66	402820.183	0.528	1.901	96.79101	0.39	ug/L
	Zn	67	71464.845	0.340	0.337	96.88904	0.68	ug/L
	Zn	68	290965.217	0.263	1.373	95.31736	0.68	ug/L
>	Ge	72	210689.958	0.536	210689.958			ug/L
	As	75	407309.344	1.193	1.933	97.98603	1.03	ug/L
	Se	77	37316.811	1.063	0.176	101.02132	0.64	ug/L
[	Se	82	49092.020	0.539	0.232	100.62168	0.15	ug/L
[	Y	89	3164738.562	0.543	0.001			ug/L
	Ag	107	2620829.271	1.154	0.848	99.31886	1.53	ug/L
>	In	115	3089104.246	0.426	3089104.246			ug/L
	Sb	121	1510085.259	0.285	0.489	98.44597	0.16	ug/L
[	Sb	123	1177430.832	0.549	0.381	98.69870	0.68	ug/L
[	Ba	135	508540.146	0.748	0.120	95.23401	0.81	ug/L
	Ba	137	876670.726	0.666	0.206	94.44307	0.63	ug/L
	Tb	159	4180478.638	0.410	-0.003			ug/L
>	Ho	165	4244627.591	0.142	4244627.591			ug/L
	Bi	209	3058089.235	1.060	-0.010			ug/L
	Tl	205	6745918.940	1.031	1.589	96.15105	0.98	ug/L
	Pb	208	8659822.250	2.282	2.039	94.95440	2.31	ug/L
[	Au	197	949356.176	0.859	-0.263			mg/L

Sample ID: QCS

Report Date/Time: Wednesday, December 12, 2001 09:56:06

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		96.446			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: QCS

Report Date/Time: Wednesday, December 12, 2001 09:56:06

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Method 200.8 - Summary Report

Sample ID: LFB

Sample Date/Time: Wednesday, December 12, 2001 09:59:04

Sample Type: Sample

Sample Description: 50 PPB

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\LFB.492

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	39520.455	1.381	0.033	48.74613	1.85	ug/L
>	Sc-1	45	1214765.037	1.122	1214765.037			ug/L
	Cr	52	1171292.084	10.011	0.947	45.43890	9.21	ug/L
	Cr	53	132216.538	0.731	0.108	48.84449	1.42	ug/L
	Mn	55	1822919.610	0.372	1.499	42.58170	1.21	ug/L
	Ni	60	329505.135	0.906	0.268	46.30200	0.67	ug/L
	Cu	63	729946.360	0.583	0.592	47.98997	0.83	ug/L
[	Cu	65	350707.553	0.919	0.285	48.53662	0.64	ug/L
[	Zn	66	213628.915	1.203	1.008	51.31306	1.24	ug/L
	Zn	67	37229.449	0.558	0.176	50.45062	1.66	ug/L
	Zn	68	155275.849	1.195	0.733	50.86377	2.93	ug/L
>	Ge	72	209744.012	1.976	209744.012			ug/L
	As	75	207019.972	0.598	0.987	50.04505	2.10	ug/L
	Se	77	18757.520	1.029	0.088	50.67029	2.91	ug/L
[	Se	82	24821.087	0.600	0.117	50.87822	2.54	ug/L
[	Y	89	3266769.149	0.897	0.009			ug/L
	Ag	107	1191219.649	0.645	0.376	44.04686	0.87	ug/L
>	In	115	3165320.279	0.328	3165320.279			ug/L
	Sb	121	752365.069	0.607	0.238	47.86393	0.40	ug/L
[	Sb	123	573420.438	0.595	0.181	46.90715	0.83	ug/L
[	Ba	135	256007.603	0.664	0.059	47.25611	0.54	ug/L
	Ba	137	445657.095	0.532	0.103	47.32821	1.42	ug/L
	Tb	159	4228925.956	0.346	-0.005			ug/L
>	Ho	165	4303012.808	0.904	4303012.808			ug/L
	Bi	209	3076891.186	1.208	-0.016			ug/L
	Tl	205	3490927.817	0.669	0.811	49.08337	1.22	ug/L
	Pb	208	4316093.440	0.447	1.002	46.64950	1.15	ug/L
[	Au	197	1169014.624	9.100	-0.215			mg/L

Sample ID: LFB

Report Date/Time: Wednesday, December 12, 2001 10:00:48

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
[	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		96.013			
	As	75					
	Se	77					
[	Se	82					
[	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
[	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
[	Au	197					

Sample ID: LFB

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Method 200.8 - Summary Report

Sample ID: LRB

Sample Date/Time: Wednesday, December 12, 2001 10:11:13

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\LRB.493

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	24.216	-0.000	-0.02535	21.64	ug/L
> Sc-1	45	1197042.579	0.884	1197042.579			ug/L
Cr	52	20077.689	2.431	0.000	0.00502	304.71	ug/L
Cr	53	1238.105	39.108	-0.000	-0.01380	1296.55	ug/L
Mn	55	2165.280	2.374	0.000	0.00264	31.67	ug/L
Ni	60	4616.885	1.930	0.000	0.04162	26.96	ug/L
Cu	63	10170.121	1.364	-0.000	-0.00508	258.46	ug/L
Cu	65	4985.417	2.516	0.000	0.00738	303.46	ug/L
Zn	66	2206.957	2.198	-0.000	-0.01067	88.18	ug/L
Zn	67	406.346	2.233	0.000	0.01204	73.44	ug/L
Zn	68	1605.825	3.542	-0.000	-0.00539	318.32	ug/L
> Ge	72	208771.137	0.764	208771.137			ug/L
As	75	-87.424	137.050	-0.000	-0.01215	238.97	ug/L
Se	77	260.006	6.332	-0.000	-0.00700	590.38	ug/L
Se	82	226.672	7.281	-0.000	-0.02202	168.06	ug/L
Y	89	3167881.960	0.233	0.011			ug/L
Ag	107	762.373	4.441	0.000	0.01562	7.28	ug/L
> In	115	3064680.368	0.667	3064680.368			ug/L
Sb	121	229.005	4.601	0.000	0.00898	6.71	ug/L
Sb	123	184.666	15.508	0.000	0.01010	23.01	ug/L
Ba	135	386.679	2.998	0.000	0.00047	511.84	ug/L
Ba	137	604.693	4.282	-0.000	-0.00372	78.64	ug/L
Tb	159	4159232.052	0.126	0.003			ug/L
> Ho	165	4197420.911	0.950	4197420.911			ug/L
Bi	209	3021321.066	0.931	-0.011			ug/L
Tl	205	257.340	9.215	0.000	0.00037	84.54	ug/L
Pb	208	6045.504	1.161	-0.000	-0.00542	2.63	ug/L
Au	197	1916869.226	8.842	-0.030			mg/L

Sample ID: LRB

Report Date/Time: Wednesday, December 12, 2001 10:12:57

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
L	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		95.567			
	As	75					
	Se	77					
L	Se	82					
[	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
L	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
L	Au	197					

Sample ID: LRB

Report Date/Time: Wednesday, December 12, 2001 10:12:57

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Method 200.8 - Summary Report

Sample ID: AD28043

Sample Date/Time: Wednesday, December 12, 2001 10:14:39

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\AD28043.494

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	22.667	25.086	-0.000	-0.01947	37.88	ug/L
>	Sc-1	45	1196935.774	0.881	1196935.774			ug/L
	Cr	52	23105.901	2.371	0.003	0.12645	11.94	ug/L
	Cr	53	1626.829	5.646	0.000	0.13454	29.44	ug/L
	Mn	55	904331.313	0.537	0.754	21.41379	0.82	ug/L
	Ni	60	2848.475	1.585	-0.001	0.21388	3.99	ug/L
	Cu	63	18824.661	1.476	0.007	0.58087	5.13	ug/L
[	Cu	65	8552.440	0.587	0.003	0.51562	0.74	ug/L
[	Zn	66	5605.784	0.830	0.016	0.80111	3.10	ug/L
	Zn	67	1386.453	3.310	0.005	1.33711	6.21	ug/L
	Zn	68	5769.221	1.649	0.020	1.35496	3.84	ug/L
>	Ge	72	211447.851	1.382	211447.851			ug/L
	As	75	2103.097	6.329	0.010	0.51304	5.89	ug/L
	Se	77	339.343	8.843	0.000	0.19928	37.11	ug/L
[	Se	82	395.346	3.369	0.001	0.31797	6.58	ug/L
[	Y	89	3181210.649	1.119	0.014			ug/L
	Ag	107	464.683	6.711	0.000	0.00423	27.33	ug/L
>	In	115	3068608.782	0.795	3068608.782			ug/L
	Sb	121	856.382	2.161	0.000	0.05015	3.20	ug/L
[	Sb	123	690.781	5.469	0.000	0.05279	5.21	ug/L
[	Ba	135	70112.397	1.461	0.017	13.13699	1.13	ug/L
	Ba	137	121350.566	1.604	0.029	13.08234	1.04	ug/L
	Tb	159	4157131.030	0.830	-0.003			ug/L
>	Ho	165	4222111.421	0.712	4222111.421			ug/L
	Bi	209	2975543.288	0.268	-0.026			ug/L
	Tl	205	322.009	5.169	0.000	0.00127	19.25	ug/L
	Pb	208	5265.320	3.290	-0.000	-0.01441	16.14	ug/L
[	Au	197	1987726.583	0.622	-0.016			mg/L

Sample ID: AD28043

Report Date/Time: Wednesday, December 12, 2001 10:16:23

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		96.792			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28043

Report Date/Time: Wednesday, December 12, 2001 10:16:23

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Method 200.8 - Summary Report

Sample ID: AD28043DUP

Sample Date/Time: Wednesday, December 12, 2001 10:18:03

Sample Type: Sample

Sample Description: 1:2

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\AD28043DUP.495

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	26.667	24.109	-0.000	-0.01357	59.81	ug/L
>	Sc-1	45	1164078.173	0.452	1164078.173			ug/L
	Cr	52	19100.573	1.821	-0.000	-0.01245	95.79	ug/L
	Cr	53	1385.453	4.175	0.000	0.05772	37.15	ug/L
	Mn	55	463283.625	1.179	0.396	11.25684	1.62	ug/L
	Ni	60	2820.799	2.061	-0.001	-0.20642	3.67	ug/L
	Cu	63	16995.712	1.816	0.006	0.48934	3.53	ug/L
	Cu	65	8028.624	1.094	0.003	0.47323	1.61	ug/L
	Zn	66	6085.432	3.513	0.018	0.92547	6.69	ug/L
	Zn	67	1221.094	2.420	0.004	1.12201	4.61	ug/L
	Zn	68	5218.883	0.801	0.017	1.18416	0.25	ug/L
>	Ge	72	210188.626	0.891	210188.626			ug/L
	As	75	1124.728	9.869	0.006	0.28023	9.70	ug/L
	Se	77	299.675	10.046	0.000	0.09645	80.85	ug/L
	Se	82	348.010	4.023	0.001	0.22524	13.42	ug/L
	Y	89	3075469.486	0.601	-0.016			ug/L
	Ag	107	639.362	3.145	0.000	0.01100	6.55	ug/L
>	In	115	3054744.278	0.210	3054744.278			ug/L
	Sb	121	651.030	2.557	0.000	0.03686	3.21	ug/L
	Sb	123	500.687	4.836	0.000	0.03695	5.75	ug/L
	Ba	135	36247.156	1.417	0.009	6.86958	0.89	ug/L
	Ba	137	62710.175	0.371	0.015	6.84047	1.66	ug/L
	Tb	159	4078001.287	0.142	-0.006			ug/L
>	Ho	165	4153430.285	1.276	4153430.285			ug/L
	Bi	209	2984565.126	0.068	-0.012			ug/L
	Tl	205	355.011	8.208	0.000	0.00183	26.53	ug/L
	Pb	208	25499.212	0.580	0.005	0.21347	1.43	ug/L
	Au	197	2379234.407	0.841	0.086			mg/L

Sample ID: AD28043DUP

Report Date/Time: Wednesday, December 12, 2001 10:19:47

Page 1

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		96.216			
	As	75					
	Se	77					
	Se	82					
[	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28043DUP

Report Date/Time: Wednesday, December 12, 2001 10:19:47

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Method 200.8 - Summary Report

Sample ID: AD28043SPK

Sample Date/Time: Wednesday, December 12, 2001 10:21:52

Sample Type: Sample

Sample Description: 1:2 SPIKE

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\AD28043SPK.496

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	43050.460	0.828	0.037	54.97696	1.25	ug/L
>	Sc-1	45	1173425.058	1.353	1173425.058			ug/L
	Cr	52	1138684.943	9.099	0.955	45.80428	10.70	ug/L
	Cr	53	145971.617	22.125	0.123	55.84812	21.71	ug/L
	Mn	55	2638560.074	1.325	2.247	63.82484	60.7 0.28	ug/L
	Ni	60	313812.853	0.208	0.264	45.64575	105% 1.34	ug/L
	Cu	63	706166.247	0.624	0.593	48.06546	1.25	ug/L
	Cu	65	340954.897	0.602	0.286	48.85591	0.79	ug/L
	Zn	66	609017.127	0.316	2.996	152.54629	0.83	ug/L
	Zn	67	97606.842	0.596	0.480	137.88796	0.65	ug/L
	Zn	68	432186.898	0.723	2.126	147.57008	0.22	ug/L
>	Ge	72	202535.660	0.531	202535.660			ug/L
	As	75	213924.792	0.361	1.056	53.54026	0.24	ug/L
	Se	77	20500.298	1.704	0.100	57.42025	1.20	ug/L
	Se	82	27126.685	0.893	0.133	57.62901	0.70	ug/L
	Y	89	3059735.414	1.342	0.009			ug/L
	Ag	107	1123003.629	1.227	0.379	44.32520	1.46	ug/L
>	In	115	2965371.373	0.576	2965371.373			ug/L
	Sb	121	737257.206	1.782	0.249	50.06681	1.86	ug/L
	Sb	123	568190.981	0.740	0.192	49.61543	1.31	ug/L
	Ba	135	272449.731	0.504	0.067	53.14085	0.65	ug/L
	Ba	137	474176.433	1.189	0.116	53.20707	1.36	ug/L
	Tb	159	3998237.485	1.314	-0.006			ug/L
>	Ho	165	4072903.915	0.347	4072903.915			ug/L
	Bi	209	2942517.572	0.841	-0.008			ug/L
	Tl	205	3443242.491	0.601	0.845	51.14499	0.43	ug/L
	Pb	208	3784688.035	0.154	0.928	43.20908	0.22	ug/L
	Au	197	1816432.718	0.816	-0.041			mg/L

Sample ID: AD28043SPK

Report Date/Time: Wednesday, December 12, 2001 10:23:36

Page 1

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		92.713			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28043SPK

Report Date/Time: Wednesday, December 12, 2001 10:23:36

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Method 200.8 - Summary Report

Sample ID: AD28044

Sample Date/Time: Wednesday, December 12, 2001 10:28:33

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\AD28044.497

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
Be	9	24.334	9.491	-0.000	-0.01679	17.52	ug/L
> Sc-1	45	1172942.793	1.604	1172942.793			ug/L
Cr	52	27413.879	0.105	0.007	0.32187	5.24	ug/L
Cr	53	1865.543	1.194	0.001	0.23927	5.92	ug/L
Mn	55	944994.207	0.993	0.804	22.83831	0.70	ug/L
Ni	60	2430.016	2.440	-0.002	0.26723	2.06	ug/L
Cu	63	16199.250	1.397	0.005	0.42547	1.76	ug/L
Cu	65	7546.541	2.011	0.002	0.39422	1.28	ug/L
Zn	66	2871.483	4.115	0.003	0.16063	22.87	ug/L
Zn	67	974.395	2.747	0.003	0.81093	4.87	ug/L
Zn	68	3757.481	1.781	0.010	0.72627	5.16	ug/L
> Ge	72	206134.086	1.228	206134.086			ug/L
As	75	2052.983	5.749	0.010	0.51359	4.57	ug/L
Se	77	325.676	6.737	0.000	0.18491	27.54	ug/L
Se	82	372.011	5.645	0.001	0.28976	14.04	ug/L
Y	89	3053274.366	1.252	0.014			ug/L
Ag	107	699.034	4.227	0.000	0.01429	4.17	ug/L
> In	115	2944338.614	2.315	2944338.614			ug/L
Sb	121	943.392	3.667	0.000	0.05845	1.67	ug/L
Sb	123	757.193	0.585	0.000	0.06112	2.11	ug/L
Ba	135	70902.153	1.265	0.017	13.63970	1.05	ug/L
Ba	137	122720.183	1.942	0.030	13.58330	1.73	ug/L
Tb	159	4069387.096	0.307	0.001			ug/L
> Ho	165	4113136.795	0.338	4113136.795			ug/L
Bi	209	2949040.365	0.669	-0.014			ug/L
Tl	205	325.676	13.768	0.000	0.00145	45.01	ug/L
Pb	208	5012.920	1.153	-0.000	-0.01574	3.36	ug/L
Au	197	1920247.610	1.039	-0.020			mg/L

Sample ID: AD28044

Report Date/Time: Wednesday, December 12, 2001 10:30:17

Page 1

QC Calculated Values

Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[Be	9					
> Sc-1	45					
Cr	52					
Cr	53					
Mn	55					
Ni	60					
Cu	63					
Cu	65					
[Zn	66					
Zn	67					
Zn	68					
> Ge	72		94.360			
As	75					
Se	77					
Se	82					
[Y	89					
Ag	107					
> In	115					
Sb	121					
Sb	123					
[Ba	135					
Ba	137					
Tb	159					
> Ho	165					
Bi	209					
Tl	205					
Pb	208					
[Au	197					

Sample ID: AD28044

Report Date/Time: Wednesday, December 12, 2001 10:30:17

Page 2

Method 200.8 - Summary Report

Sample ID: AD28045

Sample Date/Time: Wednesday, December 12, 2001 10:31:48

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\AD28045.498

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	23.667	19.516	-0.000	-0.01820	32.80	ug/L
>	Sc-1	45	1195594.098	0.772	1195594.098			ug/L
	Cr	52	26667.330	1.775	0.006	0.27048	6.27	ug/L
	Cr	53	1972.567	1.273	0.001	0.26605	2.02	ug/L
	Mn	55	849345.403	1.427	0.709	20.13182	1.79	ug/L
	Ni	60	12998.751	1.585	0.007	1.28529	2.27	ug/L
	Cu	63	71653.662	0.575	0.051	4.16209	1.32	ug/L
	Cu	65	34309.968	0.872	0.025	4.19128	0.76	ug/L
	Zn	66	8648.199	1.694	0.031	1.55790	2.51	ug/L
	Zn	67	1774.524	0.816	0.007	1.89195	1.39	ug/L
	Zn	68	7619.935	0.798	0.029	1.99133	0.68	ug/L
>	Ge	72	208998.871	0.266	208998.871			ug/L
	As	75	1672.148	5.772	0.008	0.41453	5.90	ug/L
	Se	77	366.344	7.193	0.000	0.28471	25.89	ug/L
	Se	82	395.013	2.738	0.001	0.32683	6.21	ug/L
	Y	89	3116207.236	0.371	0.010			ug/L
	Ag	107	531.354	2.206	0.000	0.00712	5.72	ug/L
>	In	115	3017346.355	0.251	3017346.355			ug/L
	Sb	121	856.049	2.869	0.000	0.05107	2.97	ug/L
	Sb	123	673.530	1.026	0.000	0.05231	1.02	ug/L
	Ba	135	67934.565	0.370	0.016	12.72620	0.38	ug/L
	Ba	137	118050.713	0.350	0.028	12.72456	0.50	ug/L
	Tb	159	4130995.816	0.243	-0.010			ug/L
>	Ho	165	4222380.373	0.664	4222380.373			ug/L
	Bi	209	2995996.321	1.025	-0.021			ug/L
	Tl	205	247.006	3.644	0.000	0.00020	62.51	ug/L
	Pb	208	12082.249	1.574	0.001	0.06078	4.27	ug/L
	Au	197	2092767.703	11.029	0.009			mg/L

Sample ID: AD28045

Report Date/Time: Wednesday, December 12, 2001 10:33:32

Page 1

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		95.671			
	As	75					
	Se	77					
	Se	82					
[	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28045

Report Date/Time: Wednesday, December 12, 2001 10:33:32

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Method 200.8 - Summary Report

Sample ID: AD28046

Sample Date/Time: Wednesday, December 12, 2001 10:35:40

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\AD28046.499

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	15.746	-0.000	-0.01860	25.38	ug/L
>	Sc-1	45	1126510.421	0.559	1126510.421			ug/L
	Cr	52	24784.654	0.527	0.005	0.25593	1.59	ug/L
	Cr	53	2080.926	0.290	0.001	0.35551	1.05	ug/L
	Mn	55	897349.447	1.183	0.795	22.57832 71	0.83	ug/L
	Ni	60	2486.698	1.167	-0.001	0.24373	2.11	ug/L
	Cu	63	91749.270	0.977	0.073	5.90489 71	1.19	ug/L
	Cu	65	42856.549	1.105	0.034	5.78526 71	0.97	ug/L
	Zn	66	8691.907	0.478	0.034	1.74568	2.01	ug/L
	Zn	67	1837.204	5.868	0.008	2.18934 72	7.58	ug/L
	Zn	68	7822.776	0.717	0.033	2.27591	0.75	ug/L
>	Ge	72	192881.433	1.094	192881.433			ug/L
	As	75	1964.939	3.523	0.010	0.52528	3.10	ug/L
	Se	77	350.010	6.646	0.001	0.32014	21.49	ug/L
	Se	82	403.346	5.710	0.001	0.41395	10.90	ug/L
	Y	89	2841870.625	0.908	-0.002			ug/L
	Ag	107	411.013	9.009	0.000	0.00379	44.21	ug/L
>	In	115	2784394.751	1.089	2784394.751			ug/L
	Sb	121	839.047	0.520	0.000	0.05463	1.69	ug/L
	Sb	123	633.697	1.532	0.000	0.05344	1.14	ug/L
	Ba	135	69428.479	0.830	0.017	13.78469 70.1	1.27	ug/L
	Ba	137	119461.303	0.174	0.030	13.64618	0.51	ug/L
	Tb	159	3920916.121	0.498	-0.004			ug/L
>	Ho	165	3985706.789	0.454	3985706.789			ug/L
	Bi	209	2850827.485	0.851	-0.015			ug/L
	Tl	205	266.007	5.908	0.000	0.00070	32.08	ug/L
	Pb	208	20130.206	0.673	0.003	0.16274	1.01	ug/L
	Au	197	1895800.401	0.885	-0.011			mg/L

Sample ID: AD28046

Report Date/Time: Wednesday, December 12, 2001 10:37:24

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		88.293			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28046

Report Date/Time: Wednesday, December 12, 2001 10:37:24

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Method 200.8 - Summary Report

Sample ID: AD28047

Sample Date/Time: Wednesday, December 12, 2001 10:40:46

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\AD28047.500

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	24.000	11.024	-0.000	-0.01613	23.81	ug/L
>	Sc-1	45	1133527.469	1.305	1133527.469			ug/L
	Cr	52	25760.371	0.666	0.006	0.29084	6.33	ug/L
	Cr	53	2459.357	1.261	0.001	0.50177	4.33	ug/L
	Mn	55	1030873.969	1.861	0.908	25.78797	2.37	ug/L
	Ni	60	2896.157	3.524	-0.001	-0.18370	5.48	ug/L
	Cu	63	147679.648	0.221	0.122	9.86271	1.63	ug/L
	Cu	65	70879.331	1.673	0.058	9.96321	2.67	ug/L
	Zn	66	9372.923	0.464	0.037	1.88252	1.38	ug/L
	Zn	67	1940.560	0.956	0.008	2.29329	2.30	ug/L
	Zn	68	8336.238	1.461	0.035	2.40864	1.23	ug/L
>	Ge	72	196277.970	0.913	196277.970			ug/L
	As	75	2215.872	3.173	0.011	0.58111	2.48	ug/L
	Se	77	365.678	2.227	0.001	0.34800	7.18	ug/L
	Se	82	441.682	1.638	0.001	0.48318	2.14	ug/L
	Y	89	2970995.933	0.236	0.010			ug/L
	Ag	107	358.677	3.986	0.000	0.00111	65.88	ug/L
>	In	115	2875430.995	1.040	2875430.995			ug/L
	Sb	121	810.378	1.425	0.000	0.05070	1.90	ug/L
	Sb	123	613.441	2.684	0.000	0.04976	3.42	ug/L
	Ba	135	75378.638	0.435	0.019	14.77177	0.57	ug/L
	Ba	137	130426.296	0.980	0.032	14.70588	1.09	ug/L
	Tb	159	3971501.979	0.444	-0.005			ug/L
>	Ho	165	4039421.340	0.153	4039421.340			ug/L
	Bi	209	2850835.638	1.190	-0.025			ug/L
	Tl	205	194.337	8.011	-0.000	-0.00043	53.10	ug/L
	Pb	208	24640.997	0.394	0.005	0.21162	0.46	ug/L
	Au	197	1872772.273	0.440	-0.023			mg/L

Sample ID: AD28047

Report Date/Time: Wednesday, December 12, 2001 10:42:30

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		89.848			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28047

Report Date/Time: Wednesday, December 12, 2001 10:42:30

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Method 200.8 - Summary Report

Sample ID: AD28048

Sample Date/Time: Wednesday, December 12, 2001 10:45:14

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\AD28048.501

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	14.377	-0.000	-0.01448	32.64	ug/L
>	Sc-1	45	1181413.328	0.303	1181413.328			ug/L
	Cr	52	25432.782	0.954	0.005	0.23318	3.27	ug/L
	Cr	53	2251.301	1.001	0.001	0.38196	2.46	ug/L
	Mn	55	873022.385	0.160	0.737	20.94228 ⁷¹	0.35	ug/L
	Ni	60	2437.685	2.984	-0.002	-0.26868	3.63	ug/L
	Cu	63	137669.649	0.753	0.108	8.74700 ⁷¹	0.50	ug/L
	Cu	65	66641.732	1.400	0.052	8.91720	1.19	ug/L
	Zn	66	21071.605	1.117	0.096	4.89938 ⁷²	0.99	ug/L
	Zn	67	3713.129	1.136	0.017	4.86970	0.93	ug/L
	Zn	68	16338.504	2.212	0.075	5.22030	2.72	ug/L
>	Ge	72	196905.909	0.357	196905.909			ug/L
	As	75	1912.980	4.694	0.010	0.50134	4.30	ug/L
	Se	77	375.012	5.676	0.001	0.37173	16.41	ug/L
	Se	82	409.013	3.912	0.001	0.40818	9.38	ug/L
	Y	89	2966533.675	0.883	-0.001			ug/L
	Ag	107	654.363	2.969	0.000	0.01288	3.77	ug/L
>	In	115	2903616.274	1.335	2903616.274			ug/L
	Sb	121	816.378	3.076	0.000	0.05058	4.70	ug/L
	Sb	123	604.943	5.051	0.000	0.04844	4.17	ug/L
	Ba	135	65981.908	0.284	0.016	12.65226	1.70	ug/L
	Ba	137	113751.113	1.292	0.027	12.54829	0.56	ug/L
	Tb	159	4022016.552	0.593	-0.013			ug/L
>	Ho	165	4125599.480	1.778	4125599.480			ug/L
	Bi	209	2965331.040	0.110	-0.012			ug/L
	Tl	205	185.670	3.463	-0.000	-0.00062	7.41	ug/L
	Pb	208	29631.814	0.715	0.006	0.26208	1.37	ug/L
	Au	197	1894610.461	1.457	-0.027			mg/L

Sample ID: AD28048

Report Date/Time: Wednesday, December 12, 2001 10:46:58

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
[	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		90.136			
	As	75					
	Se	77					
[	Se	82					
[	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
[	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
[	Au	197					

Sample ID: AD28048

Report Date/Time: Wednesday, December 12, 2001 10:46:58

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Method 200.8 - Summary Report

Sample ID: AD28049

Sample Date/Time: Wednesday, December 12, 2001 10:48:51

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\AD28049.502

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	22.667	12.736	-0.000	-0.01746	20.02	ug/L
>	Sc-1	45	1115613.260	1.461	1115613.260			ug/L
	Cr	52	24008.573	1.588	0.005	0.23300	9.40	ug/L
	Cr	53	2306.649	0.652	0.001	0.45550	3.33	ug/L
	Mn	55	841726.366	10.823	0.752	21.36797	9.62	ug/L
	Ni	60	2362.331	3.587	-0.001	-0.25920	6.09	ug/L
	Cu	63	106432.830	0.815	0.087	7.03610	0.95	ug/L
	Cu	65	50852.698	1.619	0.041	7.07172	1.88	ug/L
[	Zn	66	5382.647	1.830	0.017	0.86760	2.70	ug/L
	Zn	67	1302.440	2.726	0.005	1.38685	4.07	ug/L
	Zn	68	5290.592	0.295	0.020	1.35884	0.65	ug/L
>	Ge	72	193467.544	0.193	193467.544			ug/L
	As	75	2068.194	3.213	0.011	0.55078	3.06	ug/L
	Se	77	376.012	2.111	0.001	0.39420	6.32	ug/L
	Se	82	413.680	4.119	0.001	0.43454	8.39	ug/L
[	Y	89	2888553.496	0.286	0.009			ug/L
	Ag	107	308.675	4.470	-0.000	-0.00059	88.75	ug/L
>	In	115	2800074.787	0.428	2800074.787			ug/L
	Sb	121	760.373	4.536	0.000	0.04863	5.57	ug/L
	Sb	123	579.481	4.429	0.000	0.04811	5.39	ug/L
[	Ba	135	68308.417	1.955	0.017	13.73598	1.69	ug/L
	Ba	137	117716.534	1.567	0.030	13.62067	2.02	ug/L
	Tb	159	3881833.359	0.450	-0.001			ug/L
>	Ho	165	3935185.565	1.313	3935185.565			ug/L
	Bi	209	2832225.294	0.623	-0.011			ug/L
	Tl	205	188.337	2.211	-0.000	-0.00045	21.48	ug/L
	Pb	208	22687.257	0.839	0.004	0.19605	1.80	ug/L
	Au	197	1813195.339	1.369	-0.026			mg/L

Sample ID: AD28049

Report Date/Time: Wednesday, December 12, 2001 10:50:35

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
L	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		88.562			
	As	75					
	Se	77					
L	Se	82					
[	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
L	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
L	Au	197					

Sample ID: AD28049

Report Date/Time: Wednesday, December 12, 2001 10:50:35

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Method 200.8 - Summary Report

Sample ID: AD28164

Sample Date/Time: Wednesday, December 12, 2001 10:53:12

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\AD28164.503

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	15.061	-0.000	-0.01719	25.90	ug/L
>	Sc-1	45	1122290.153	0.640	1122290.153			ug/L
	Cr	52	23923.016	1.930	0.005	0.22302	7.07	ug/L
	Cr	53	2266.305	1.347	0.001	0.43358	4.20	ug/L
	Mn	55	887461.369	1.004	0.789	22.41319	0.53	ug/L
	Ni	60	2272.974	1.020	-0.002	-0.27523	2.06	ug/L
	Cu	63	17528.391	0.167	0.007	0.57191	1.63	ug/L
[	Cu	65	7897.842	1.354	0.003	0.49714	1.74	ug/L
[	Zn	66	8873.084	0.351	0.036	1.82987	0.24	ug/L
	Zn	67	1823.534	0.997	0.008	2.21119	1.40	ug/L
	Zn	68	7705.341	0.111	0.033	2.27692	0.35	ug/L
>	Ge	72	189911.700	0.172	189911.700			ug/L
	As	75	1975.623	1.002	0.011	0.53624	1.10	ug/L
	Se	77	360.344	8.852	0.001	0.36761	25.81	ug/L
[	Se	82	401.013	2.131	0.001	0.42304	4.98	ug/L
[	Y	89	2923920.136	0.386	0.006			ug/L
	Ag	107	288.674	3.704	-0.000	-0.00160	26.28	ug/L
>	In	115	2841260.931	0.321	2841260.931			ug/L
	Sb	121	731.037	1.681	0.000	0.04575	2.14	ug/L
[	Sb	123	556.273	4.574	0.000	0.04520	4.79	ug/L
[	Ba	135	65620.638	0.370	0.016	13.00333	0.64	ug/L
	Ba	137	114075.758	0.709	0.028	13.00661	0.59	ug/L
	Tb	159	3895024.776	0.771	-0.012			ug/L
>	Ho	165	3992161.627	0.689	3992161.627			ug/L
	Bi	209	2878369.978	0.624	-0.010			ug/L
	Tl	205	182.337	7.992	-0.000	-0.00058	39.07	ug/L
	Pb	208	4021.389	1.428	-0.001	-0.02558	3.10	ug/L
[	Au	197	1813255.611	0.449	-0.032			mg/L

Sample ID: AD28164

Report Date/Time: Wednesday, December 12, 2001 10:54:56

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		86.934			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28164

Report Date/Time: Wednesday, December 12, 2001 10:54:56

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Method 200.8 - Summary Report

Sample ID: AD28165

Sample Date/Time: Wednesday, December 12, 2001 10:57:29

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\AD28165.504

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	24.667	20.804	-0.000	-0.01490	44.89	ug/L
>	Sc-1	45	1120324.111	1.953	1120324.111			ug/L
	Cr	52	27946.174	1.565	0.008	0.39721	1.17	ug/L
	Cr	53	2256.636	2.062	0.001	0.43119	1.21	ug/L
	Mn	55	874995.649	1.495	0.780	22.14282	2.59	ug/L
	Ni	60	2206.290	2.845	-0.002	-0.28473	5.59	ug/L
	Cu	63	15363.124	0.602	0.005	0.41786	6.41	ug/L
	Cu	65	6888.011	1.796	0.002	0.34566	4.79	ug/L
[	Zn	66	2418.013	2.887	0.002	0.08865	17.24	ug/L
	Zn	67	862.383	2.303	0.003	0.73580	3.21	ug/L
	Zn	68	3171.585	3.199	0.009	0.60067	4.72	ug/L
>	Ge	72	193099.652	1.060	193099.652			ug/L
	As	75	1960.992	1.813	0.010	0.52367	0.93	ug/L
	Se	77	344.010	2.096	0.001	0.30112	6.46	ug/L
	Se	82	406.346	1.163	0.001	0.41987	0.99	ug/L
[	Y	89	2908151.897	1.512	-0.000			ug/L
	Ag	107	308.675	5.977	-0.000	-0.00078	121.96	ug/L
>	In	115	2843164.657	1.569	2843164.657			ug/L
	Sb	121	727.370	1.640	0.000	0.04546	2.25	ug/L
	Sb	123	549.843	2.232	0.000	0.04459	1.12	ug/L
[	Ba	135	67303.556	0.193	0.017	13.18069	0.36	ug/L
	Ba	137	116734.528	0.089	0.029	13.15406	0.62	ug/L
	Tb	159	3958107.963	0.375	-0.008			ug/L
>	Ho	165	4039701.656	0.529	4039701.656			ug/L
	Bi	209	2898354.186	0.541	-0.013			ug/L
	Tl	205	157.336	8.676	-0.000	-0.00098	22.03	ug/L
	Pb	208	3630.984	2.067	-0.001	-0.03064	2.29	ug/L
	Au	197	1829911.543	0.162	-0.033			mg/L

Sample ID: AD28165

Report Date/Time: Wednesday, December 12, 2001 10:59:13

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		88.393			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28165

Report Date/Time: Wednesday, December 12, 2001 10:59:13

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Method 200.8 - Summary Report

Sample ID: AD28166

Sample Date/Time: Wednesday, December 12, 2001 11:02:27

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\AD28166.505

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	20.000	35.000	-0.000	-0.02133	43.98	ug/L
>	Sc-1	45	1129237.099	0.405	1129237.099			ug/L
	Cr	52	36916.840	0.196	0.016	0.76888	0.82	ug/L
	Cr	53	4630.559	1.252	0.003	1.37670	2.19	ug/L
	Mn	55	4374685.747	1.397	3.872	109.99353	1.06	ug/L
	Ni	60	6256.882	1.639	0.002	0.33290	3.60	ug/L
	Cu	63	155680.329	1.085	0.129	10.47523	0.79	ug/L
	Cu	65	72412.662	1.049	0.060	10.23335	0.75	ug/L
	Zn	66	10765.812	0.835	0.046	2.31809	1.75	ug/L
	Zn	67	2625.739	0.562	0.012	3.39808	1.28	ug/L
	Zn	68	10407.391	0.589	0.047	3.23904	0.97	ug/L
>	Ge	72	191193.537	0.582	191193.537			ug/L
	As	75	2985.560	4.854	0.016	0.80028	4.22	ug/L
	Se	77	584.691	0.356	0.002	1.03450	1.35	ug/L
	Se	82	603.026	2.488	0.002	0.87529	3.00	ug/L
	Y	89	2949637.912	1.092	0.027			ug/L
	Ag	107	235.339	8.352	-0.000	-0.00368	25.36	ug/L
>	In	115	2809269.839	1.113	2809269.839			ug/L
	Sb	121	985.063	3.027	0.000	0.06455	3.22	ug/L
	Sb	123	796.420	5.814	0.000	0.06792	6.05	ug/L
	Ba	135	135945.709	1.240	0.034	27.08217	0.05	ug/L
	Ba	137	235463.300	1.165	0.059	26.98670	0.39	ug/L
	Tb	159	3923362.311	1.444	-0.003			ug/L
>	Ho	165	3982456.642	1.194	3982456.642			ug/L
	Bi	209	2692600.831	1.203	-0.055			ug/L
	Tl	205	240.672	7.080	0.000	0.00031	69.25	ug/L
	Pb	208	40133.874	1.275	0.009	0.39689	0.18	ug/L
	Au	197	1794920.146	1.394	-0.036			mg/L

Sample ID: AD28166

Report Date/Time: Wednesday, December 12, 2001 11:04:11

Page 1

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		87.521			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28166

Report Date/Time: Wednesday, December 12, 2001 11:04:11

Page 2

Method 200.8 - Summary Report

Sample ID: AD28043SPK

Sample Date/Time: Wednesday, December 12, 2001 11:07:57

Sample Type: Sample

Sample Description: 1:2 Zn ONLY ?

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\AD28043SPK.506

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

will rerun Pb spikes & Ag spike
on next new batch
Zn? Be?

Concentration Results

Analyte	Mass	Meas. Intens.	Mean	Meas. Intens.	RSD	Net Intens.	Mean	Conc. Mean	Conc. RSD	Sample Unit
Be	9		46348.317		0.880		0.041	61.17523 (122%)	1.21	ug/L
> Sc-1	45		1135500.772		2.077		1135500.772			ug/L
Cr	52		999361.157		2.132		0.863	41.42996	1.21	ug/L
Cr	53		119983.957		1.801		0.105	47.40310	0.31	ug/L
Mn	55		2555846.779		0.962		2.249	63.89843	1.11	ug/L
Ni	60		294673.719		1.983		0.256	44.27040	0.45	ug/L
Cu	63		658660.188		1.325		0.572	46.31488	2.72	ug/L
Cu	65		320317.422		0.594		0.278	47.41859	1.68	ug/L
Zn	66		240159.684		0.762		1.195	60.85828	1.00	ug/L
Zn	67		41693.808		0.124		0.207	59.60451	1.23	ug/L
Zn	68		175034.005		1.682		0.871	60.46944	0.46	ug/L
> Ge	72		199128.804		1.337		199128.804			ug/L
As	75		212180.473		1.242		1.066	54.02297	2.45	ug/L
Se	77		22083.344		0.471		0.110	62.99212	1.48	ug/L
Se	82		29160.656		1.165		0.145	63.06938	2.44	ug/L
Y	89		3006164.402		0.463		0.008			ug/L
Ag	107		1052150.568		0.650		0.361	42.23845	0.51	ug/L
> In	115		2915413.466		0.530		2915413.466			ug/L
Sb	121		727813.759		0.368		0.250	50.27238	0.62	ug/L
Sb	123		556125.086		0.194		0.191	49.39254	0.64	ug/L
Ba	135		263039.025		1.066		0.064	50.73965	0.76	ug/L
Ba	137		454397.951		0.829		0.110	50.42494	0.47	ug/L
Tb	159		4037702.933		0.600		-0.007			ug/L
> Ho	165		4118004.440		0.752		4118004.440			ug/L
Bi	209		2996130.854		0.432		-0.003			ug/L
Tl	205		3394379.000		0.850		0.824	49.87062	1.53	ug/L
Pb	208		3674948.036		0.056		0.891	41.49528	0.80	ug/L
Au	197		1927664.911		0.686		-0.018			mg/L

I don't get this one

± 15%?

Sample ID: AD28043SPK

Report Date/Time: Wednesday, December 12, 2001 11:09:41

Page 1

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		91.153			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28043SPK

Report Date/Time: Wednesday, December 12, 2001 11:09:41

Page 2

Method 200.8 - Summary Report

Sample ID: CAL BK

Sample Date/Time: Wednesday, December 12, 2001 11:13:37

Sample Type: Sample

Sample Description: CAL BK

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\CAL BK.507

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	26.316	-0.000	-0.02347	28.12	ug/L
> Sc-1	45	1166935.926	2.102	1166935.926			ug/L
Cr	52	30961.491	61.936	0.010	0.47736	167.97	ug/L
Cr	53	1582.156	16.922	0.000	0.13356	82.29	ug/L
Mn	55	2523.709	2.413	0.000	0.01273	21.28	ug/L
Ni	60	4272.714	3.981	0.000	0.00772	217.40	ug/L
Cu	63	10149.107	5.289	0.000	0.01085	205.07	ug/L
Cu	65	4641.232	3.850	-0.000	-0.02457	112.46	ug/L
Zn	66	2107.932	0.286	0.000	0.00476	118.61	ug/L
Zn	67	411.680	4.096	0.000	0.06298	40.20	ug/L
Zn	68	1570.151	1.821	0.000	0.02299	62.83	ug/L
> Ge	72	193867.016	0.852	193867.016			ug/L
As	75	39.326	88.180	0.000	0.01924	46.60	ug/L
Se	77	273.674	7.164	0.000	0.08836	58.13	ug/L
Se	82	247.006	1.071	0.000	0.05958	3.00	ug/L
Y	89	3023155.833	0.372	0.012			ug/L
Ag	107	882.052	6.879	0.000	0.02187	12.51	ug/L
> In	115	2921328.784	0.835	2921328.784			ug/L
Sb	121	517.020	12.007	0.000	0.02960	15.53	ug/L
Sb	123	402.876	12.870	0.000	0.03024	16.01	ug/L
Ba	135	355.677	5.278	-0.000	-0.00369	121.44	ug/L
Ba	137	582.691	0.357	-0.000	-0.00452	15.24	ug/L
Tb	159	4041218.393	0.953	-0.001			ug/L
> Ho	165	4094840.513	1.183	4094840.513			ug/L
Bi	209	3004757.248	0.503	0.003			ug/L
Tl	205	213.338	9.009	-0.000	-0.00019	138.35	ug/L
Pb	208	5728.098	0.309	-0.000	-0.00734	7.84	ug/L
Au	197	1833593.244	11.814	-0.039			mg/L

Sample ID: CAL BK

Report Date/Time: Wednesday, December 12, 2001 11:15:21

Page 1

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
[	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		88.745			
	As	75					
	Se	77					
[	Se	82					
[	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
[	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
[	Au	197					

Sample ID: CAL BK

Report Date/Time: Wednesday, December 12, 2001 11:15:21

Page 2

Method 200.8 - Summary Report

Sample ID: STD

Sample Date/Time: Wednesday, December 12, 2001 11:16:42

Sample Type: Sample

Sample Description: 120 PPB

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\STD.508

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	100393.690	1.320	0.086	128.80568	1.62	ug/L
>	Sc-1	45	1168505.169	0.874	1168505.169			ug/L
	Cr	52	2988758.838	1.466	2.541	121.92034	0.81	ug/L
	Cr	53	303154.254	0.785	0.258	117.08381	0.11	ug/L
	Mn	55	5140396.411	0.488	4.398	124.91744	0.89	ug/L
	Ni	60	786354.777	1.231	0.669	115.80957	2.07	ug/L
	Cu	63	1594843.048	1.132	1.356	109.88404	1.40	ug/L
	Cu	65	775114.185	0.623	0.659	112.43506	1.12	ug/L
[	Zn	66	464241.326	0.666	2.383	121.30897	0.53	ug/L
	Zn	67	82449.018	0.407	0.423	121.56164	0.85	ug/L
	Zn	68	337372.180	0.605	1.732	120.19631	1.32	ug/L
>	Ge	72	193964.420	0.954	193964.420			ug/L
	As	75	459528.509	1.403	2.369	120.07592	0.50	ug/L
	Se	77	41138.292	1.397	0.211	121.11121	0.57	ug/L
	Se	82	53962.234	1.162	0.277	120.23625	0.53	ug/L
[	Y	89	3037222.537	0.441	0.008			ug/L
	Ag	107	2982060.591	1.244	1.012	118.48954	1.09	ug/L
>	In	115	2946141.298	0.571	2946141.298			ug/L
	Sb	121	1646900.621	0.909	0.559	112.57445	0.43	ug/L
	Sb	123	1267092.507	0.213	0.430	111.37123	0.73	ug/L
[	Ba	135	562774.909	1.401	0.136	107.85029	1.58	ug/L
	Ba	137	979759.040	1.657	0.236	108.01163	1.70	ug/L
	Tb	159	4051618.453	0.773	-0.011			ug/L
>	Ho	165	4148259.596	0.292	4148259.596			ug/L
	Bi	209	3044399.523	1.050	0.003			ug/L
	Tl	205	8314073.033	0.896	2.004	121.25595	0.77	ug/L
	Pb	208	10584129.950	0.374	2.550	118.76901	0.56	ug/L
	Au	197	1009605.499	0.511	-0.243			mg/L



Sample ID: STD

Report Date/Time: Wednesday, December 12, 2001 11:18:26

Page 1

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		88.789			
	As	75					
	Se	77					
	Se	82					
[	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: STD

Report Date/Time: Wednesday, December 12, 2001 11:18:26

Page 2

Method 200.8 - Summary Report

Sample ID: Blank

Sample Date/Time: Wednesday, December 12, 2001 16:21:13

Sample Type: Sample

Sample Description: CAL BK

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\Blank.521

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Recal?

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	26.334	23.203				ug/L
>	Sc-1	45	1280197.242	0.186				ug/L
	Cr	52	27922.448	45.602				ug/L
	Cr	53	896.388	24.656				ug/L
	Mn	55	1254.432	3.135				ug/L
	Ni	60	897.053	0.696				ug/L
	Cu	63	5638.805	1.696				ug/L
[	Cu	65	2713.432	2.702				ug/L
[	Zn	66	3817.840	1.007				ug/L
	Zn	67	664.698	2.278				ug/L
	Zn	68	2921.832	2.564				ug/L
>	Ge	72	225685.119	1.085				ug/L
	As	75	-167.465	65.094				ug/L
	Se	77	321.676	1.177				ug/L
[	Se	82	240.672	6.126				ug/L
[	Y	89	2967467.189	0.427				ug/L
	Ag	107	2336.324	3.018				ug/L
>	In	115	2965438.876	0.576				ug/L
	Sb	121	1664.169	4.784				ug/L
[	Sb	123	1314.734	3.240				ug/L
[	Ba	135	1329.444	3.151				ug/L
	Ba	137	2334.323	0.708				ug/L
	Tb	159	3943932.647	1.060				ug/L
>	Ho	165	4003418.174	0.828				ug/L
	Bi	209	2815891.015	0.330				ug/L
	Tl	205	660.364	14.281				ug/L
	Pb	208	10658.217	0.315				ug/L
[	Au	197	1988727.173	0.762				mg/L

Sample ID: Blank

Report Date/Time: Wednesday, December 12, 2001 16:22:57

Page 1

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72					
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: Blank

Report Date/Time: Wednesday, December 12, 2001 16:22:57

Page 2

Method 200.8 - Summary Report

Sample ID: Standard 1

Sample Date/Time: Wednesday, December 12, 2001 16:26:26

Sample Type: Sample

Sample Description: 120 PPB

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\Standard 1.522

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	99945.400	0.519	0.078	120.00000	0.85	ug/L
>	Sc-1	45	1282358.658	1.137	1282358.658			ug/L
	Cr	52	2869778.153	0.971	2.216	120.00000	1.47	ug/L
	Cr	53	341040.942	0.354	0.265	120.00000	1.12	ug/L
	Mn	55	4731016.049	0.709	3.689	120.00000	1.42	ug/L
	Ni	60	867166.665	0.542	0.676	120.00000	1.45	ug/L
	Cu	63	1880686.259	0.345	1.462	120.00000	1.32	ug/L
[	Cu	65	905072.530	0.806	0.704	120.00000	1.20	ug/L
	Zn	66	554122.463	0.196	2.455	120.00000	0.59	ug/L
	Zn	67	96988.945	0.661	0.430	120.00000	0.68	ug/L
	Zn	68	400868.010	0.571	1.776	120.00000	0.18	ug/L
>	Ge	72	224133.913	0.417	224133.913			ug/L
	As	75	547994.236	0.479	2.446	120.00000	0.68	ug/L
	Se	77	50288.210	0.561	0.223	120.00000	0.87	ug/L
[	Se	82	66797.173	0.480	0.297	120.00000	0.81	ug/L
	Y	89	2932440.819	0.895	-0.012			ug/L
	Ag	107	3062191.316	0.549	1.032	120.00000	0.70	ug/L
>	In	115	2964605.915	0.678	2964605.915			ug/L
	Sb	121	2013784.851	1.387	0.679	120.00000	2.06	ug/L
[	Sb	123	1542872.740	0.274	0.520	120.00000	0.77	ug/L
	Ba	135	665627.274	1.312	0.164	120.00000	1.78	ug/L
	Ba	137	1170528.200	0.807	0.288	120.00000	1.60	ug/L
	Tb	159	3967538.319	0.865	-0.006			ug/L
>	Ho	165	4050992.373	0.813	4050992.373			ug/L
	Bi	209	2836634.525	0.358	-0.003			ug/L
	Tl	205	7848878.422	0.133	1.937	120.00000	0.75	ug/L
	Pb	208	10318878.531	0.377	2.545	120.00000	1.08	ug/L
[	Au	197	1827038.625	1.491	-0.046			mg/L

Sample ID: Standard 1

Report Date/Time: Wednesday, December 12, 2001 16:28:10

Page 1

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45					
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72					
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115					
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165					
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: Standard 1

Report Date/Time: Wednesday, December 12, 2001 16:28:10

Page 2

Method 200.8 - Summary Report

Sample ID: CAL BK

Sample Date/Time: Wednesday, December 12, 2001 16:30:55

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\CAL BK.523

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	23.334	36.450	-0.000	-0.00367	274.23	ug/L
[>	Sc-1	45	1281657.510	0.560	1281657.510			ug/L
	Cr	52	20120.443	0.497	-0.006	-0.33094	1.25	ug/L
	Cr	53	815.711	3.754	-0.000	-0.02887	31.98	ug/L
	Mn	55	1330.777	2.039	0.000	0.00190	45.85	ug/L
	Ni	60	883.052	1.092	-0.000	-0.00208	37.92	ug/L
	Cu	63	5845.604	1.978	0.000	0.01282	49.75	ug/L
[	Cu	65	2723.769	1.503	0.000	0.00099	734.57	ug/L
[	Zn	66	3935.224	1.507	0.001	0.03412	27.08	ug/L
	Zn	67	681.366	6.798	0.000	0.02919	192.89	ug/L
	Zn	68	2819.465	2.021	-0.000	-0.02195	95.64	ug/L
[>	Ge	72	223398.846	0.624	223398.846			ug/L
	As	75	-195.848	31.756	-0.000	-0.00656	205.70	ug/L
	Se	77	301.341	4.149	-0.000	-0.04106	79.51	ug/L
[	Se	82	227.005	4.038	-0.000	-0.02033	77.65	ug/L
[	Y	89	2943019.503	0.856	-0.011			ug/L
	Ag	107	2657.416	6.139	0.000	0.01226	49.05	ug/L
[>	In	115	2974409.363	0.618	2974409.363			ug/L
	Sb	121	1842.539	7.711	0.000	0.01030	81.99	ug/L
[	Sb	123	1454.467	8.244	0.000	0.01052	86.61	ug/L
[	Ba	135	1355.781	3.974	0.000	0.00658	153.01	ug/L
	Ba	137	2335.657	1.504	0.000	0.00186	156.40	ug/L
	Tb	159	3946256.572	0.497	0.008			ug/L
[>	Ho	165	3975331.427	1.036	3975331.427			ug/L
	Bi	209	2840620.402	0.535	0.011			ug/L
	Tl	205	766.374	11.832	0.000	0.00172	78.12	ug/L
	Pb	208	10859.638	1.497	0.000	0.00328	47.66	ug/L
[	Au	197	1996627.691	1.068	0.006			mg/L

Sample ID: CAL BK

Report Date/Time: Wednesday, December 12, 2001 16:32:39

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QC Calculated Values

Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[Be	9					
> Sc-1	45		100.114			
Cr	52					
Cr	53					
Mn	55					
Ni	60					
Cu	63					
Cu	65					
[Zn	66					
Zn	67					
Zn	68					
> Ge	72		98.987			
As	75					
Se	77					
Se	82					
[Y	89					
Ag	107					
> In	115		100.303			
Sb	121					
Sb	123					
[Ba	135					
Ba	137					
Tb	159					
> Ho	165		99.298			
Bi	209					
Tl	205					
Pb	208					
[Au	197					

Sample ID: CAL BK

Report Date/Time: Wednesday, December 12, 2001 16:32:39

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Method 200.8 - Summary Report

Sample ID: STD

Sample Date/Time: Wednesday, December 12, 2001 16:37:58

Sample Type: Sample

Sample Description: 120 PPB

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\STD.524

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	100302.661	0.928	0.079	122.33191	0.67	ug/L
>	Sc-1	45	1262334.488	0.448	1262334.488			ug/L
	Cr	52	2873999.520	0.393	2.255	122.09574	0.75	ug/L
	Cr	53	337388.692	0.392	0.267	120.59194	0.68	ug/L
	Mn	55	4772975.492	0.820	3.780	122.97399	0.70	ug/L
	Ni	60	853102.634	0.534	0.675	119.91434	0.40	ug/L
	Cu	63	1879866.724	1.774	1.485	121.84163	1.53	ug/L
[	Cu	65	902774.289	1.392	0.713	121.58838	1.13	ug/L
[	Zn	66	552528.892	0.467	2.472	120.80877	0.51	ug/L
	Zn	67	96471.836	1.036	0.432	120.50662	0.43	ug/L
	Zn	68	398342.124	0.479	1.781	120.39516	0.82	ug/L
>	Ge	72	222004.671	0.794	222004.671			ug/L
	As	75	546022.977	0.967	2.460	120.71223	0.24	ug/L
	Se	77	50013.370	0.936	0.224	120.49151	0.87	ug/L
[	Se	82	66601.079	0.756	0.299	120.80389	1.41	ug/L
[	Y	89	2911188.938	0.225	-0.010			ug/L
	Ag	107	3033574.274	0.768	1.031	119.87679	0.82	ug/L
>	In	115	2939862.925	0.070	2939862.925			ug/L
	Sb	121	1965089.725	0.877	0.668	118.07082	0.81	ug/L
[	Sb	123	1526539.808	1.328	0.519	119.72431	1.28	ug/L
[	Ba	135	659427.259	1.325	0.165	120.90922	1.02	ug/L
	Ba	137	1140199.128	1.375	0.286	118.87789	1.09	ug/L
	Tb	159	3913325.688	0.914	-0.003			ug/L
>	Ho	165	3982788.763	0.425	3982788.763			ug/L
	Bi	209	2809421.670	1.514	0.002			ug/L
	Tl	205	7841083.294	0.550	1.969	121.93168	0.88	ug/L
	Pb	208	10258412.862	1.202	2.573	121.33989	1.62	ug/L
[	Au	197	1822485.644	0.882	-0.039			mg/L

✓

Sample ID: STD

Report Date/Time: Wednesday, December 12, 2001 16:39:42

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		98.605			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		98.369			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115		99.138			
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		99.485			
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: STD

Report Date/Time: Wednesday, December 12, 2001 16:39:42

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Method 200.8 - Summary Report

Sample ID: QCS

Sample Date/Time: Wednesday, December 12, 2001 16:41:29

Sample Type: Sample

Sample Description: 100 PPB

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\QCS.525

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	85423.668	0.767	0.067	103.09051	0.74	ug/L
>	Sc-1	45	1275683.322	0.069	1275683.322			ug/L
	Cr	52	2393671.095	1.440	1.855	100.41654	1.49	ug/L
	Cr	53	278485.434	0.916	0.218	98.43699	0.91	ug/L
	Mn	55	3972476.087	1.403	3.113	101.27242	1.37	ug/L
	Ni	60	701390.947	0.906	0.549	97.53421	0.90	ug/L
	Cu	63	1568138.334	0.492	1.225	100.51269	0.48	ug/L
	Cu	65	752350.546	0.580	0.588	100.20679	0.59	ug/L
	Zn	66	465574.323	0.028	2.067	101.02789	0.81	ug/L
	Zn	67	80903.906	1.106	0.359	100.29079	0.30	ug/L
	Zn	68	335238.245	0.299	1.488	100.54543	0.54	ug/L
>	Ge	72	223400.946	0.818	223400.946			ug/L
	As	75	447296.440	0.946	2.003	98.27536	0.32	ug/L
	Se	77	42137.188	0.889	0.187	100.75486	0.09	ug/L
	Se	82	55808.336	0.424	0.249	100.51873	0.58	ug/L
	Y	89	2942091.973	0.786	-0.012			ug/L
	Ag	107	2550777.441	0.679	0.857	99.59514	0.60	ug/L
>	In	115	2974896.698	0.077	2974896.698			ug/L
	Sb	121	1627804.901	0.811	0.547	96.63557	0.74	ug/L
	Sb	123	1261040.089	0.374	0.423	97.71831	0.30	ug/L
	Ba	135	542298.592	0.799	0.135	98.61765	1.42	ug/L
	Ba	137	939917.116	1.061	0.234	97.19256	1.58	ug/L
	Tb	159	3959322.198	0.691	0.001			ug/L
>	Ho	165	4014209.931	0.638	4014209.931			ug/L
	Bi	209	2835209.163	0.550	0.003			ug/L
	Tl	205	6416023.179	0.545	1.598	98.98815	0.64	ug/L
	Pb	208	8544768.451	0.379	2.126	100.25446	0.47	ug/L
	Au	197	1726695.491	0.132	-0.067			mg/L



Sample ID: QCS

Report Date/Time: Wednesday, December 12, 2001 16:43:13

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		99.647			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		98.988			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115		100.319			
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		100.270			
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: QCS

Report Date/Time: Wednesday, December 12, 2001 16:43:13

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Method 200.8 - Summary Report

Sample ID: LFB

Sample Date/Time: Wednesday, December 12, 2001 16:44:47

Sample Type: Sample

Sample Description: 50 PPB

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\LFB.526

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	42931.903	1.036	0.034	51.69294	2.11	ug/L
>	Sc-1	45	1278396.821	1.079	1278396.821			ug/L
	Cr	52	1210276.358	0.991	0.925	50.07940	0.09	ug/L
	Cr	53	142747.478	0.947	0.111	50.19803	1.12	ug/L
	Mn	55	2031425.916	1.839	1.588	51.67352	2.89	ug/L
	Ni	60	357237.054	0.540	0.279	49.51348	1.08	ug/L
	Cu	63	793728.489	0.573	0.617	50.59421	1.58	ug/L
[	Cu	65	380796.470	0.841	0.296	50.43849	1.80	ug/L
[	Zn	66	237472.323	0.248	1.055	51.54164	0.62	ug/L
	Zn	67	41811.023	1.337	0.186	51.85292	1.13	ug/L
	Zn	68	171828.790	0.844	0.762	51.52485	0.65	ug/L
>	Ge	72	221622.493	0.732	221622.493			ug/L
	As	75	226380.158	0.503	1.022	50.15583	0.40	ug/L
	Se	77	20946.982	0.786	0.093	50.10838	1.23	ug/L
[	Se	82	27559.321	0.985	0.123	49.82058	1.24	ug/L
[	Y	89	2959532.626	0.384	-0.013			ug/L
	Ag	107	1313583.645	0.610	0.437	50.84828	0.43	ug/L
>	In	115	2998067.858	0.659	2998067.858			ug/L
	Sb	121	770362.342	0.511	0.256	45.32797	0.65	ug/L
[	Sb	123	593731.089	0.171	0.198	45.59938	0.53	ug/L
[	Ba	135	276312.505	0.715	0.068	49.53887	0.36	ug/L
	Ba	137	485311.643	0.173	0.119	49.47966	0.96	ug/L
	Tb	159	4014223.399	0.539	0.003			ug/L
>	Ho	165	4061623.465	1.061	4061623.465			ug/L
	Bi	209	2816738.528	0.568	-0.010			ug/L
	Tl	205	3341911.994	1.060	0.823	50.95508	1.31	ug/L
	Pb	208	4421317.392	0.593	1.086	51.20923	0.77	ug/L
[	Au	197	1805459.428	0.983	-0.052			mg/L

Sample ID: LFB

Report Date/Time: Wednesday, December 12, 2001 16:46:31

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		99.859			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		98.200			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115		101.100			
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		101.454			
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: LFB

Report Date/Time: Wednesday, December 12, 2001 16:46:31

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Method 200.8 - Summary Report

Sample ID: LRB

Sample Date/Time: Wednesday, December 12, 2001 16:50:10

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.527

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	21.160	-0.000	-0.00499	115.20	ug/L
>	Sc-1	45	1289622.689	0.519	1289622.689			ug/L
	Cr	52	20251.737	1.211	-0.006	-0.33071	2.00	ug/L
	Cr	53	820.045	5.097	-0.000	-0.02913	46.22	ug/L
	Mn	55	1315.108	4.301	0.000	0.00130	113.38	ug/L
	Ni	60	902.387	1.322	-0.000	-0.00017	1313.62	ug/L
	Cu	63	5707.182	1.558	0.000	0.00170	224.29	ug/L
	Cu	65	2692.759	3.348	-0.000	-0.00534	252.14	ug/L
	Zn	66	3898.875	0.160	0.001	0.03014	23.57	ug/L
	Zn	67	630.695	6.233	-0.000	-0.03067	143.48	ug/L
	Zn	68	2821.133	0.671	-0.000	-0.01759	5.29	ug/L
>	Ge	72	222377.944	0.708	222377.944			ug/L
	As	75	-106.679	64.491	0.000	0.01288	117.32	ug/L
	Se	77	293.008	5.028	-0.000	-0.05782	68.70	ug/L
	Se	82	243.339	2.511	0.000	0.01132	124.90	ug/L
	Y	89	2939436.861	0.378	-0.012			ug/L
	Ag	107	3020.201	8.118	0.000	0.02648	35.16	ug/L
>	In	115	2973335.866	0.594	2973335.866			ug/L
	Sb	121	1836.871	5.923	0.000	0.01001	65.18	ug/L
	Sb	123	1429.595	2.884	0.000	0.00864	34.91	ug/L
	Ba	135	1363.116	1.428	0.000	0.00654	96.28	ug/L
	Ba	137	2362.331	1.549	0.000	0.00327	151.16	ug/L
	Tb	159	3951113.454	0.810	0.003			ug/L
>	Ho	165	3997908.594	1.131	3997908.594			ug/L
	Bi	209	2832022.003	0.633	0.005			ug/L
	Tl	205	765.040	12.288	0.000	0.00165	96.52	ug/L
	Pb	208	10604.511	2.209	-0.000	-0.00043	957.20	ug/L
	Au	197	2005857.243	0.871	0.005			mg/L

Sample ID: LRB

Report Date/Time: Wednesday, December 12, 2001 16:51:54

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QC Calculated Values

Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[Be	9					
> Sc-1	45		100.736			
Cr	52					
Cr	53					
Mn	55					
Ni	60					
Cu	63					
Cu	65					
[Zn	66					
Zn	67					
Zn	68					
> Ge	72		98.535			
As	75					
Se	77					
Se	82					
[Y	89					
Ag	107					
> In	115		100.266			
Sb	121					
Sb	123					
[Ba	135					
Ba	137					
Tb	159					
> Ho	165		99.862			
Bi	209					
Tl	205					
Pb	208					
[Au	197					

Sample ID: LRB

Report Date/Time: Wednesday, December 12, 2001 16:51:54

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Method 200.8 - Summary Report

Sample ID: AD28167

Sample Date/Time: Wednesday, December 12, 2001 16:53:15

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\AD28167.528

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	8.770	-0.000	-0.00038	680.08	ug/L
>	Sc-1	45	1295279.692	0.730	1295279.692			ug/L
	Cr	52	29785.685	1.335	0.001	0.06412	18.38	ug/L
	Cr	53	1886.548	3.459	0.001	0.34220	7.44	ug/L
	Mn	55	1340577.460	0.653	1.034	33.63813	0.41	ug/L
	Ni	60	3698.456	0.712	0.002	0.38274	1.80	ug/L
	Cu	63	143895.322	0.427	0.107	8.75527	0.95	ug/L
[	Cu	65	69046.585	0.901	0.051	8.72904	1.46	ug/L
[	Zn	66	14170.513	1.662	0.046	2.24401	2.65	ug/L
	Zn	67	2806.128	2.514	0.009	2.65120	2.15	ug/L
	Zn	68	11919.929	0.664	0.040	2.69723	2.12	ug/L
>	Ge	72	225541.240	0.979	225541.240			ug/L
	As	75	2380.956	3.928	0.011	0.55431	3.04	ug/L
	Se	77	391.346	6.527	0.000	0.16642	31.01	ug/L
[	Se	82	459.683	0.906	0.001	0.39276	3.84	ug/L
[	Y	89	2948441.821	0.955	-0.008			ug/L
	Ag	107	1315.775	4.523	-0.000	-0.04006	6.51	ug/L
>	In	115	2968932.315	0.629	2968932.315			ug/L
	Sb	121	1395.788	2.871	-0.000	-0.01610	15.26	ug/L
[	Sb	123	1114.923	4.739	-0.000	-0.01567	22.93	ug/L
[	Ba	135	89565.295	0.958	0.022	15.88581	1.93	ug/L
	Ba	137	156420.247	1.265	0.038	15.77506	2.15	ug/L
	Tb	159	3981649.096	0.600	-0.005			ug/L
>	Ho	165	4063959.290	0.952	4063959.290			ug/L
	Bi	209	2751521.159	0.985	-0.026			ug/L
	Tl	205	498.685	4.785	-0.000	-0.00262	14.58	ug/L
	Pb	208	30597.767	0.825	0.005	0.22951	1.33	ug/L
[	Au	197	2140432.862	0.427	0.030			mg/L

Sample ID: AD28167

Report Date/Time: Wednesday, December 12, 2001 16:54:59

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		101.178			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		99.936			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115		100.118			
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		101.512			
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28167

Report Date/Time: Wednesday, December 12, 2001 16:54:59

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Method 200.8 - Summary Report

Sample ID: AD28167DUP

Sample Date/Time: Wednesday, December 12, 2001 16:56:20

Sample Type: Sample

Sample Description: 1:2

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\AD28167DUP.529

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	33.958	-0.000	-0.00491	188.31	ug/L
>	Sc-1	45	1324708.345	0.510	1324708.345			ug/L
	Cr	52	23718.137	0.382	-0.004	-0.21150	4.08	ug/L
	Cr	53	1433.794	2.112	0.000	0.17292	7.39	ug/L
	Mn	55	737977.992	0.736	0.556	18.09193	1.16	ug/L
	Ni	60	2706.097	4.667	0.001	0.23844	7.89	ug/L
	Cu	63	80881.415	1.733	0.057	4.64924	2.38	ug/L
	Cu	65	38590.788	0.325	0.027	4.60631	0.89	ug/L
[	Zn	66	9065.275	0.591	0.022	1.07382	2.90	ug/L
	Zn	67	1777.525	1.450	0.005	1.30648	1.52	ug/L
	Zn	68	7657.968	1.745	0.020	1.34540	4.41	ug/L
>	Ge	72	233133.999	1.050	233133.999			ug/L
	As	75	1287.975	3.298	0.006	0.30747	2.60	ug/L
	Se	77	330.343	0.925	-0.000	-0.00449	54.75	ug/L
	Se	82	370.345	4.134	0.001	0.21109	13.81	ug/L
[	Y	89	3013305.224	0.427	-0.005			ug/L
	Ag	107	1063.073	6.657	-0.000	-0.05076	5.60	ug/L
>	In	115	3026669.722	0.341	3026669.722			ug/L
	Sb	121	896.387	2.978	-0.000	-0.04685	3.34	ug/L
	Sb	123	675.112	0.529	-0.000	-0.05084	0.52	ug/L
[	Ba	135	48959.980	0.831	0.012	8.47127	1.13	ug/L
	Ba	137	85276.957	0.487	0.020	8.38836	0.79	ug/L
	Tb	159	4058867.360	1.311	0.002			ug/L
>	Ho	165	4111298.671	0.322	4111298.671			ug/L
	Bi	209	2848997.934	0.405	-0.010			ug/L
	Tl	205	392.346	9.958	-0.000	-0.00431	13.45	ug/L
	Pb	208	18549.615	0.921	0.002	0.08722	2.38	ug/L
	Au	197	2258498.458	0.791	0.053			mg/L

Sample ID: AD28167DUP

Report Date/Time: Wednesday, December 12, 2001 16:58:04

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		103.477			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		103.301			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115		102.065			
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		102.695			
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28167DUP

Report Date/Time: Wednesday, December 12, 2001 16:58:04

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Method 200.8 - Summary Report

Sample ID: AD28167SPK

Sample Date/Time: Wednesday, December 12, 2001 16:59:25

Sample Type: Sample

Sample Description: 1:2 SPK

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\AD28167SPK.530

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	47862.144	0.725	0.038	58.07865	0.82	ug/L
>	Sc-1	45	1268408.642	0.258	1268408.642			ug/L
	Cr	52	1193947.493	0.427	0.919	49.78609	0.61	ug/L
	Cr	53	142034.384	0.496	0.111	50.33961	0.76	ug/L
	Mn	55	2738400.511	0.437	2.158	70.20294 ^{66.8}	0.62	ug/L
	Ni	60	349231.108	1.088	0.275	48.78010	1.12	ug/L
	Cu	63	853280.361	0.592	0.668	54.84232 ^{54.4}	0.36	ug/L
	Cu	65	406992.340	0.496	0.319	54.35412	0.47	ug/L
	Zn	66	276815.404	0.526	1.227	59.98386	0.76	ug/L
	Zn	67	47686.556	0.653	0.211	59.02626	0.73	ug/L
	Zn	68	200847.839	0.693	0.890	60.14051	0.78	ug/L
>	Ge	72	222471.453	0.297	222471.453			ug/L
	As	75	249352.446	0.773	1.122	55.02982	0.50	ug/L
	Se	77	25568.160	0.287	0.114	61.09277 ^{62.2}	0.45	ug/L
	Se	82	33522.028	0.708	0.150	60.45728	0.55	ug/L
	Y	89	2906307.314	0.237	-0.015			ug/L
	Ag	107	1275516.534	0.595	0.432	50.18994	0.14	ug/L
>	In	115	2949264.923	0.458	2949264.923			ug/L
	Sb	121	861556.187	0.738	0.292	51.54518	0.56	ug/L
	Sb	123	660705.006	0.385	0.224	51.59527	0.31	ug/L
	Ba	135	317156.386	0.541	0.079	57.93045 ^{57.9}	1.18	ug/L
	Ba	137	549027.719	0.520	0.137	57.02547	1.78	ug/L
	Tb	159	3917371.040	1.144	-0.003			ug/L
>	Ho	165	3989756.689	1.244	3989756.689			ug/L
	Bi	209	2787278.481	0.282	-0.005			ug/L
	Tl	205	3294493.759	0.361	0.826	51.14088	1.61	ug/L
	Pb	208	4311003.025	1.153	1.078	50.83542	2.08	ug/L
	Au	197	2160226.085	0.559	0.045			mg/L

Sample ID: AD28167SPK

Report Date/Time: Wednesday, December 12, 2001 17:01:09

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		99.079			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		98.576			
	As	75					
	Se	77					
	Se	82					
[	Y	89					
	Ag	107					
>	In	115		99.455			
	Sb	121					
	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		99.659			
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28167SPK

Report Date/Time: Wednesday, December 12, 2001 17:01:09

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Method 200.8 - Summary Report

Sample ID: AD28168

Sample Date/Time: Wednesday, December 12, 2001 17:03:37

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\AD28168.531

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	24.000	19.094	-0.000	-0.00209	272.28	ug/L
>	Sc-1	45	1249399.466	0.195	1249399.466			ug/L
	Cr	52	36949.978	0.808	0.008	0.42036	3.75	ug/L
	Cr	53	2678.755	1.835	0.001	0.65314	2.62	ug/L
	Mn	55	1763105.555	0.976	1.410	45.87638	1.05	ug/L
	Ni	60	4025.598	0.574	0.003	0.44784	0.87	ug/L
	Cu	63	145673.418	1.196	0.112	9.20642	1.15	ug/L
	Cu	65	68588.122	0.594	0.053	8.99984	0.81	ug/L
[	Zn	66	14724.062	0.629	0.050	2.46559	0.70	ug/L
	Zn	67	2839.472	2.724	0.010	2.80489	3.31	ug/L
	Zn	68	12494.372	0.390	0.044	2.98849	0.14	ug/L
>	Ge	72	218566.062	0.441	218566.062			ug/L
	As	75	2349.532	1.035	0.011	0.56386	1.18	ug/L
	Se	77	401.346	2.029	0.000	0.22119	9.01	ug/L
	Se	82	447.682	2.111	0.001	0.39673	3.80	ug/L
[	Y	89	2888567.741	0.434	-0.003			ug/L
	Ag	107	1459.799	6.060	-0.000	-0.03300	10.75	ug/L
>	In	115	2896530.925	0.006	2896530.925			ug/L
	Sb	121	1795.862	5.834	0.000	0.01040	61.44	ug/L
	Sb	123	1326.943	4.411	0.000	0.00341	136.77	ug/L
[	Ba	135	90143.633	0.781	0.022	16.44367	1.43	ug/L
	Ba	137	155613.193	1.081	0.039	16.13642	0.48	ug/L
	Tb	159	3906685.901	0.623	0.003			ug/L
>	Ho	165	3953251.086	0.795	3953251.086			ug/L
	Bi	209	2693327.870	0.221	-0.022			ug/L
	Tl	205	587.025	11.078	-0.000	-0.00102	104.66	ug/L
	Pb	208	36593.832	0.387	0.007	0.31098	0.89	ug/L
	Au	197	2132913.521	0.584	0.043			mg/L

Sample ID: AD28168

Report Date/Time: Wednesday, December 12, 2001 17:05:21

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		97.594			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
[	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		96.846			
	As	75					
	Se	77					
[	Se	82					
[	Y	89					
	Ag	107					
>	In	115		97.676			
	Sb	121					
[	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		98.747			
	Bi	209					
	Tl	205					
	Pb	208					
[	Au	197					

Sample ID: AD28168

Report Date/Time: Wednesday, December 12, 2001 17:05:21

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Method 200.8 - Summary Report

Sample ID: AD28169

Sample Date/Time: Wednesday, December 12, 2001 17:06:41

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\AD28169.532

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	13.636	-0.000	-0.00526	65.47	ug/L
[>	Sc-1	45	1281673.012	1.081	1281673.012			ug/L
	Cr	52	30325.802	0.898	0.002	0.10032	22.04	ug/L
	Cr	53	1849.874	3.920	0.001	0.33605	5.68	ug/L
	Mn	55	1015496.511	1.855	0.791	25.74643	2.29	ug/L
	Ni	60	2998.191	1.583	0.002	0.29104	1.38	ug/L
	Cu	63	158344.711	0.580	0.119	9.77795	1.63	ug/L
[	Cu	65	75152.438	0.184	0.057	9.63807	0.98	ug/L
[	Zn	66	22098.046	0.536	0.083	4.03766	1.70	ug/L
	Zn	67	3883.201	1.279	0.015	4.06126	2.26	ug/L
	Zn	68	17547.095	0.943	0.066	4.46640	1.51	ug/L
[>	Ge	72	222033.044	0.883	222033.044			ug/L
	As	75	2067.274	9.829	0.010	0.49302	8.37	ug/L
	Se	77	373.011	5.094	0.000	0.13684	27.75	ug/L
[	Se	82	412.680	8.944	0.001	0.32015	21.02	ug/L
[	Y	89	2931409.985	0.649	-0.001			ug/L
	Ag	107	1064.073	6.393	-0.000	-0.04943	5.07	ug/L
[>	In	115	2933523.059	0.480	2933523.059			ug/L
	Sb	121	1279.103	1.625	-0.000	-0.02212	7.35	ug/L
[	Sb	123	998.431	3.113	-0.000	-0.02377	10.04	ug/L
[	Ba	135	76644.859	1.090	0.019	13.67427	1.59	ug/L
	Ba	137	133139.619	1.330	0.032	13.50446	1.57	ug/L
	Tb	159	3954032.501	0.613	-0.004			ug/L
[>	Ho	165	4030088.596	0.745	4030088.596			ug/L
	Bi	209	2769547.492	1.040	-0.016			ug/L
	Tl	205	310.008	7.908	-0.000	-0.00545	6.28	ug/L
	Pb	208	21860.819	0.699	0.003	0.13025	0.20	ug/L
[	Au	197	2184855.166	0.513	0.045			mg/L

Sample ID: AD28169

Report Date/Time: Wednesday, December 12, 2001 17:08:25

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		100.115			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		98.382			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115		98.924			
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		100.666			
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28169

Report Date/Time: Wednesday, December 12, 2001 17:08:25

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Method 200.8 - Summary Report

Sample ID: AD28170

Sample Date/Time: Wednesday, December 12, 2001 17:09:46

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\AD28170.533

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	19.156	-0.000	-0.00984	43.43	ug/L
>	Sc-1	45	1293335.027	0.424	1293335.027			ug/L
	Cr	52	31321.511	0.361	0.002	0.13031	2.54	ug/L
	Cr	53	2067.923	2.835	0.001	0.40657	5.28	ug/L
	Mn	55	569858.547	0.396	0.440	14.30220	0.41	ug/L
	Ni	60	2781.787	3.581	0.001	0.25760	5.59	ug/L
	Cu	63	131754.879	0.379	0.097	7.99844	0.67	ug/L
	Cu	65	62373.532	0.124	0.046	7.86244	0.32	ug/L
	Zn	66	24423.341	0.486	0.093	4.52490	1.03	ug/L
	Zn	67	4254.705	1.363	0.016	4.50411	2.16	ug/L
	Zn	68	19149.339	0.725	0.073	4.92742	0.12	ug/L
>	Ge	72	223045.028	0.818	223045.028			ug/L
	As	75	2325.319	8.659	0.011	0.54796	8.11	ug/L
	Se	77	390.012	5.670	0.000	0.17385	28.15	ug/L
	Se	82	463.683	3.700	0.001	0.40904	6.44	ug/L
	Y	89	2927003.116	1.115	-0.001			ug/L
	Ag	107	949.059	4.969	-0.000	-0.05390	3.65	ug/L
>	In	115	2927486.039	0.248	2927486.039			ug/L
	Sb	121	1100.744	3.731	-0.000	-0.03274	7.27	ug/L
	Sb	123	876.429	2.586	-0.000	-0.03322	5.49	ug/L
	Ba	135	75078.498	0.337	0.018	13.27677	1.05	ug/L
	Ba	137	131212.457	0.566	0.032	13.19297	0.60	ug/L
	Tb	159	3976017.573	0.340	-0.007			ug/L
>	Ho	165	4063855.476	1.132	4063855.476			ug/L
	Bi	209	2793056.975	0.283	-0.016			ug/L
	Tl	205	280.007	2.230	-0.000	-0.00595	2.20	ug/L
	Pb	208	34968.431	0.917	0.006	0.28024	1.42	ug/L
	Au	197	2182128.484	0.455	0.040			mg/L

Sample ID: AD28170

Report Date/Time: Wednesday, December 12, 2001 17:11:30

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		101.026			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		98.830			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115		98.720			
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		101.510			
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28170

Report Date/Time: Wednesday, December 12, 2001 17:11:30

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Method 200.8 - Summary Report

Sample ID: AD28171

Sample Date/Time: Wednesday, December 12, 2001 17:12:51

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\AD28171.534

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	18.096	-0.000	-0.00450	107.50	ug/L
>	Sc-1	45	1265320.053	0.274	1265320.053			ug/L
	Cr	52	31270.334	0.274	0.003	0.15715	3.25	ug/L
	Cr	53	2133.272	1.806	0.001	0.44592	2.82	ug/L
	Mn	55	987448.193	0.068	0.779	25.35605	0.30	ug/L
	Ni	60	3094.224	2.788	0.002	0.30989	3.77	ug/L
	Cu	63	22180.247	0.637	0.013	1.07704	0.91	ug/L
[	Cu	65	10183.803	0.494	0.006	1.01101	0.71	ug/L
[	Zn	66	3901.543	1.758	0.001	0.04553	35.96	ug/L
	Zn	67	1190.757	1.109	0.003	0.69861	3.02	ug/L
	Zn	68	4542.514	1.560	0.008	0.52956	6.01	ug/L
>	Ge	72	218603.001	0.767	218603.001			ug/L
	As	75	2283.187	2.309	0.011	0.54883	1.53	ug/L
	Se	77	373.678	2.862	0.000	0.15301	20.17	ug/L
[	Se	82	445.682	2.630	0.001	0.39304	6.76	ug/L
[	Y	89	2853794.134	0.106	-0.012			ug/L
	Ag	107	1024.735	1.918	-0.000	-0.05034	1.06	ug/L
>	In	115	2887302.305	0.619	2887302.305			ug/L
	Sb	121	1028.068	1.219	-0.000	-0.03626	1.09	ug/L
[	Sb	123	830.921	3.416	-0.000	-0.03589	7.28	ug/L
[	Ba	135	76292.565	0.758	0.019	13.81606	0.16	ug/L
	Ba	137	133067.124	0.147	0.033	13.70196	0.92	ug/L
	Tb	159	3888495.344	1.173	-0.006			ug/L
>	Ho	165	3970874.822	0.766	3970874.822			ug/L
	Bi	209	2749972.522	0.235	-0.011			ug/L
	Tl	205	248.006	11.087	-0.000	-0.00635	6.35	ug/L
	Pb	208	6340.596	1.031	-0.001	-0.05024	2.45	ug/L
[	Au	197	2051143.548	0.183	0.020			mg/L

Sample ID: AD28171

Report Date/Time: Wednesday, December 12, 2001 17:14:35

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		98.838			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		96.862			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115		97.365			
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		99.187			
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28171

Report Date/Time: Wednesday, December 12, 2001 17:14:35

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Method 200.8 - Summary Report

Sample ID: AD28172

Sample Date/Time: Wednesday, December 12, 2001 17:15:55

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\AD28172.535

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	30.050	-0.000	-0.00729	101.58	ug/L
>	Sc-1	45	1285566.932	1.218	1285566.932			ug/L
	Cr	52	31702.834	0.666	0.003	0.15436	6.44	ug/L
	Cr	53	2027.247	4.089	0.001	0.39646	5.39	ug/L
	Mn	55	940809.137	0.750	0.731	23.77877	1.66	ug/L
	Ni	60	3556.065	2.679	0.002	0.36697	4.60	ug/L
	Cu	63	22182.589	1.322	0.013	1.05481	3.36	ug/L
	Cu	65	10321.627	1.581	0.006	1.00782	2.81	ug/L
	Zn	66	4533.175	1.270	0.004	0.17855	8.01	ug/L
	Zn	67	1303.773	3.234	0.003	0.82953	6.75	ug/L
	Zn	68	4858.680	2.079	0.009	0.61506	5.36	ug/L
>	Ge	72	220380.406	0.162	220380.406			ug/L
	As	75	2280.907	2.953	0.011	0.54422	2.71	ug/L
	Se	77	355.677	6.750	0.000	0.10149	57.37	ug/L
	Se	82	450.682	3.233	0.001	0.39545	6.76	ug/L
	Y	89	2887312.717	0.334	-0.011			ug/L
	Ag	107	724.703	2.663	-0.001	-0.06272	0.91	ug/L
>	In	115	2917350.976	0.771	2917350.976			ug/L
	Sb	121	945.059	3.720	-0.000	-0.04193	5.91	ug/L
	Sb	123	786.753	0.786	-0.000	-0.04008	0.76	ug/L
	Ba	135	76483.830	0.736	0.019	13.63767	0.45	ug/L
	Ba	137	133590.093	0.841	0.033	13.54378	0.12	ug/L
	Tb	159	3942430.088	0.519	-0.007			ug/L
>	Ho	165	4032038.824	0.861	4032038.824			ug/L
	Bi	209	2791480.088	0.484	-0.011			ug/L
	Tl	205	219.672	4.868	-0.000	-0.00684	2.32	ug/L
	Pb	208	6392.943	1.860	-0.001	-0.05078	2.15	ug/L
	Au	197	2170746.555	0.587	0.042			mg/L

Sample ID: AD28172

Report Date/Time: Wednesday, December 12, 2001 17:17:39

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		100.419			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		97.650			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115		98.378			
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		100.715			
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28172

Report Date/Time: Wednesday, December 12, 2001 17:17:39

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Method 200.8 - Summary Report

Sample ID: AD28229

Sample Date/Time: Wednesday, December 12, 2001 17:19:00

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\AD28229.536

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	12.377	-0.000	-0.00654	43.78	ug/L
>	Sc-1	45	1244573.954	1.062	1244573.954			ug/L
	Cr	52	28316.649	0.401	0.001	0.05107	33.51	ug/L
	Cr	53	2131.938	4.603	0.001	0.45799	6.28	ug/L
	Mn	55	981212.046	0.819	0.787	25.61656	0.28	ug/L
	Ni	60	2835.137	3.337	0.002	0.28018	4.95	ug/L
	Cu	63	18991.339	0.291	0.011	0.89084	1.46	ug/L
	Cu	65	8720.603	2.520	0.005	0.83367	4.96	ug/L
	Zn	66	6686.525	1.465	0.014	0.70287	2.67	ug/L
	Zn	67	1560.150	3.122	0.004	1.21646	4.06	ug/L
	Zn	68	6456.690	0.180	0.017	1.16769	1.42	ug/L
>	Ge	72	213636.994	0.886	213636.994			ug/L
	As	75	2226.351	2.644	0.011	0.54770	2.02	ug/L
	Se	77	369.345	4.335	0.000	0.16322	20.74	ug/L
	Se	82	463.350	4.165	0.001	0.44569	9.52	ug/L
	Y	89	2798722.553	0.785	-0.007			ug/L
	Ag	107	692.367	1.863	-0.001	-0.06302	1.12	ug/L
>	In	115	2817055.460	0.613	2817055.460			ug/L
	Sb	121	939.725	2.804	-0.000	-0.04024	4.03	ug/L
	Sb	123	740.706	2.624	-0.000	-0.04164	2.93	ug/L
	Ba	135	76219.624	0.807	0.019	14.01965	1.17	ug/L
	Ba	137	132391.385	0.672	0.033	13.84470	0.86	ug/L
	Tb	159	3846716.329	0.507	-0.001			ug/L
>	Ho	165	3910570.996	0.537	3910570.996			ug/L
	Bi	209	2722754.531	0.428	-0.007			ug/L
	Tl	205	204.004	5.118	-0.000	-0.00699	2.34	ug/L
	Pb	208	4961.243	0.748	-0.001	-0.06571	1.17	ug/L
	Au	197	2018645.852	0.841	0.019			mg/L

Sample ID: AD28229

Report Date/Time: Wednesday, December 12, 2001 17:20:44

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		97.217			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
[	Cu	65					
[	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		94.662			
	As	75					
	Se	77					
[	Se	82					
[	Y	89					
	Ag	107					
>	In	115		94.996			
	Sb	121					
[	Sb	123					
[	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		97.681			
	Bi	209					
	Tl	205					
	Pb	208					
[	Au	197					

Sample ID: AD28229

Report Date/Time: Wednesday, December 12, 2001 17:20:44

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Method 200.8 - Summary Report

Sample ID: AD28230

Sample Date/Time: Wednesday, December 12, 2001 17:22:07

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\AD28230.537

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	14.394	-0.000	-0.00526	73.36	ug/L
> Sc-1	45	1302116.331	0.286	1302116.331			ug/L
Cr	52	30080.988	0.836	0.001	0.06987	12.15	ug/L
Cr	53	2174.615	2.094	0.001	0.43875	3.69	ug/L
Mn	55	948586.585	0.759	0.728	23.66803	1.04	ug/L
Ni	60	2824.800	1.741	0.001	0.26087	2.74	ug/L
Cu	63	20272.448	0.791	0.011	0.91615	1.04	ug/L
Cu	65	9365.916	0.249	0.005	0.86512	0.15	ug/L
Zn	66	4385.769	2.454	0.003	0.13024	23.58	ug/L
Zn	67	1251.099	1.002	0.003	0.73711	2.56	ug/L
Zn	68	4870.019	0.315	0.009	0.59440	2.55	ug/L
> Ge	72	224009.311	0.793	224009.311			ug/L
As	75	2241.583	4.344	0.011	0.52746	4.40	ug/L
Se	77	362.011	3.395	0.000	0.10261	25.89	ug/L
Se	82	426.681	0.947	0.001	0.33882	3.59	ug/L
Y	89	2929416.454	0.666	-0.007			ug/L
Ag	107	759.039	0.922	-0.001	-0.06167	0.32	ug/L
> In	115	2948405.687	0.833	2948405.687			ug/L
Sb	121	934.391	2.163	-0.000	-0.04318	3.89	ug/L
Sb	123	723.953	2.847	-0.000	-0.04565	3.59	ug/L
Ba	135	74759.552	0.517	0.018	13.15690	0.35	ug/L
Ba	137	129799.078	1.009	0.031	12.98693	0.85	ug/L
Tb	159	3991726.817	0.925	-0.007			ug/L
> Ho	165	4082470.392	0.185	4082470.392			ug/L
Bi	209	2831274.651	0.515	-0.010			ug/L
Tl	205	206.671	2.917	-0.000	-0.00708	1.25	ug/L
Pb	208	9455.688	1.082	-0.000	-0.01632	6.61	ug/L
Au	197	2123264.674	0.295	0.023			mg/L

Sample ID: AD28230

Report Date/Time: Wednesday, December 12, 2001 17:23:51

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		101.712			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		99.257			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115		99.426			
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		101.975			
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: AD28230

Report Date/Time: Wednesday, December 12, 2001 17:23:51

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Method 200.8 - Summary Report

Sample ID: AD28428

Sample Date/Time: Wednesday, December 12, 2001 17:25:12

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\AD28428.538

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	20.667	7.391	-0.000	-0.00632	31.27	ug/L
[>	Sc-1	45	1255353.544	0.572	1255353.544			ug/L
	Cr	52	22879.316	0.276	-0.004	-0.19413	2.61	ug/L
	Cr	53	2069.590	2.945	0.001	0.42911	5.89	ug/L
	Mn	55	945728.706	0.718	0.752	24.47687	0.93	ug/L
	Ni	60	2812.797	2.241	0.002	0.27350	2.49	ug/L
	Cu	63	19642.062	1.299	0.011	0.92261	2.43	ug/L
[	Cu	65	8962.172	1.598	0.005	0.85606	3.08	ug/L
[	Zn	66	6393.312	1.937	0.013	0.62015	3.67	ug/L
	Zn	67	1558.483	1.989	0.004	1.19276	3.12	ug/L
	Zn	68	6259.550	1.266	0.016	1.08413	2.14	ug/L
[>	Ge	72	215940.443	0.693	215940.443			ug/L
	As	75	2055.927	1.799	0.010	0.50353	1.14	ug/L
	Se	77	358.011	1.280	0.000	0.12518	6.59	ug/L
[	Se	82	417.347	4.012	0.001	0.34994	7.44	ug/L
[	Y	89	2839109.698	0.348	-0.007			ug/L
	Ag	107	639.362	0.903	-0.001	-0.06559	0.64	ug/L
[>	In	115	2858684.668	0.889	2858684.668			ug/L
	Sb	121	917.389	4.226	-0.000	-0.04246	6.60	ug/L
[	Sb	123	697.030	3.313	-0.000	-0.04604	3.84	ug/L
[	Ba	135	74077.323	0.131	0.018	13.52515	0.34	ug/L
	Ba	137	129079.540	0.142	0.032	13.39982	0.58	ug/L
	Tb	159	3889024.068	0.516	0.003			ug/L
[>	Ho	165	3937073.337	0.439	3937073.337			ug/L
	Bi	209	2767703.511	1.067	-0.000			ug/L
	Tl	205	200.671	7.210	-0.000	-0.00706	3.14	ug/L
	Pb	208	5347.668	2.146	-0.001	-0.06149	2.59	ug/L
[	Au	197	2013884.768	1.097	0.015			mg/L

Sample ID: AD28428

Report Date/Time: Wednesday, December 12, 2001 17:26:56

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QC Calculated Values

Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[Be	9					
> Sc-1	45		98.059			
Cr	52					
Cr	53					
Mn	55					
Ni	60					
Cu	63					
Cu	65					
[Zn	66					
Zn	67					
Zn	68					
> Ge	72		95.682			
As	75					
Se	77					
Se	82					
[Y	89					
Ag	107					
> In	115		96.400			
Sb	121					
Sb	123					
[Ba	135					
Ba	137					
Tb	159					
> Ho	165		98.343			
Bi	209					
Tl	205					
Pb	208					
Au	197					

Sample ID: AD28428

Report Date/Time: Wednesday, December 12, 2001 17:26:56

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Method 200.8 - Summary Report

Sample ID: AD28429

Sample Date/Time: Wednesday, December 12, 2001 17:28:17

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\AD28429.539

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	7.160	-0.000	-0.00594	31.25	ug/L
>	Sc-1	45	1276737.505	1.120	1276737.505			ug/L
	Cr	52	27836.165	0.925	-0.000	-0.00042	2296.23	ug/L
	Cr	53	2309.316	2.588	0.001	0.50166	5.61	ug/L
	Mn	55	958330.422	0.809	0.750	24.38752	0.35	ug/L
	Ni	60	2818.132	1.722	0.002	0.26759	1.68	ug/L
	Cu	63	17525.053	1.464	0.009	0.76502	2.34	ug/L
	Cu	65	8028.624	0.929	0.004	0.71090	0.45	ug/L
	Zn	66	3584.076	2.881	-0.000	-0.01772	97.26	ug/L
	Zn	67	1091.077	5.482	0.002	0.58482	12.72	ug/L
	Zn	68	4141.318	0.746	0.006	0.41799	4.26	ug/L
>	Ge	72	216483.151	0.782	216483.151			ug/L
	As	75	2112.394	6.290	0.010	0.51516	5.69	ug/L
	Se	77	371.011	3.038	0.000	0.15525	16.44	ug/L
	Se	82	404.346	4.440	0.001	0.32392	11.02	ug/L
	Y	89	2850769.769	0.092	-0.011			ug/L
	Ag	107	605.026	1.469	-0.001	-0.06718	0.62	ug/L
>	In	115	2881349.031	0.616	2881349.031			ug/L
	Sb	121	855.716	2.012	-0.000	-0.04671	2.44	ug/L
	Sb	123	717.153	1.873	-0.000	-0.04488	1.65	ug/L
	Ba	135	74504.799	0.120	0.018	13.35793	0.76	ug/L
	Ba	137	129188.072	0.319	0.032	13.16796	0.80	ug/L
	Tb	159	3946163.124	0.716	-0.001			ug/L
>	Ho	165	4008566.876	0.644	4008566.876			ug/L
	Bi	209	2777336.902	0.778	-0.010			ug/L
	Tl	205	194.004	9.321	-0.000	-0.00722	4.12	ug/L
	Pb	208	5015.929	1.318	-0.001	-0.06653	1.65	ug/L
	Au	197	2076148.723	0.368	0.021			mg/L

Sample ID: AD28429

Report Date/Time: Wednesday, December 12, 2001 17:30:00

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QC Calculated Values

Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[Be	9					
> Sc-1	45		99.730			
Cr	52					
Cr	53					
Mn	55					
Ni	60					
Cu	63					
Cu	65					
Zn	66					
Zn	67					
Zn	68					
> Ge	72		95.923			
As	75					
Se	77					
Se	82					
Y	89					
Ag	107					
> In	115		97.164			
Sb	121					
Sb	123					
Ba	135					
Ba	137					
Tb	159					
> Ho	165		100.129			
Bi	209					
Tl	205					
Pb	208					
Au	197					

Sample ID: AD28429

Report Date/Time: Wednesday, December 12, 2001 17:30:00

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Method 200.8 - Summary Report

Sample ID: CAL BK

Sample Date/Time: Wednesday, December 12, 2001 17:31:50

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\CAL BK.540

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	45.069	-0.000	-0.01199	75.20	ug/L
>	Sc-1	45	1253737.658	0.866	1253737.658			ug/L
	Cr	52	19252.559	1.297	-0.006	-0.34945	3.95	ug/L
	Cr	53	1199.758	1.587	0.000	0.11619	8.20	ug/L
	Mn	55	1191.090	3.920	-0.000	-0.00097	132.22	ug/L
	Ni	60	1083.082	38.348	0.000	0.02899	203.15	ug/L
	Cu	63	5275.917	0.609	-0.000	-0.01611	19.97	ug/L
	Cu	65	2546.382	2.277	-0.000	-0.01505	67.37	ug/L
	Zn	66	3694.788	0.704	0.001	0.03675	28.54	ug/L
	Zn	67	646.363	2.961	0.000	0.04058	53.42	ug/L
	Zn	68	2663.417	0.556	-0.000	-0.01422	18.90	ug/L
>	Ge	72	209126.142	0.672	209126.142			ug/L
	As	75	-26.887	339.667	0.001	0.03009	71.27	ug/L
	Se	77	303.008	8.010	0.000	0.01263	483.39	ug/L
	Se	82	243.339	6.424	0.000	0.03923	74.01	ug/L
	Y	89	2797082.890	0.713	-0.010			ug/L
	Ag	107	1162.419	0.695	-0.000	-0.04372	0.68	ug/L
>	In	115	2822866.791	0.359	2822866.791			ug/L
	Sb	121	839.047	1.445	-0.000	-0.04666	1.45	ug/L
	Sb	123	662.069	3.274	-0.000	-0.04818	3.93	ug/L
	Ba	135	1240.764	1.680	-0.000	-0.00958	39.37	ug/L
	Ba	137	2131.605	1.706	-0.000	-0.01457	40.66	ug/L
	Tb	159	3816116.747	0.307	-0.004			ug/L
>	Ho	165	3889855.073	0.910	3889855.073			ug/L
	Bi	209	2803196.306	0.612	0.017			ug/L
	Tl	205	198.671	4.758	-0.000	-0.00705	1.86	ug/L
	Pb	208	9680.107	0.436	-0.000	-0.00818	17.37	ug/L
	Au	197	1921896.603	0.185	-0.003			mg/L

Sample ID: CAL BK

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QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		97.933			
	Cr	52					
	Cr	53					
	Mn	55					
	Ni	60					
	Cu	63					
	Cu	65					
	Zn	66					
	Zn	67					
	Zn	68					
>	Ge	72		92.663			
	As	75					
	Se	77					
	Se	82					
	Y	89					
	Ag	107					
>	In	115		95.192			
	Sb	121					
	Sb	123					
	Ba	135					
	Ba	137					
	Tb	159					
>	Ho	165		97.163			
	Bi	209					
	Tl	205					
	Pb	208					
	Au	197					

Sample ID: CAL BK

Report Date/Time: Wednesday, December 12, 2001 17:33:33

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Method 200.8 - Summary Report

Sample ID: STD

Sample Date/Time: Wednesday, December 12, 2001 17:35:13

Sample Type: Sample

Sample Description: 120 PPB

Number of Replicates: 3

Batch ID:

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

Dataset File: d:\Elandata\Dataset\daily performance\STD.541

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

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Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
Be	9	107190.645	0.457	0.086	132.48360	1.35	ug/L
> Sc-1	45	1245786.817	0.920	1245786.817			ug/L
Cr	52	2819571.466	0.967	2.242	121.37346	1.48	ug/L
Cr	53	326385.103	0.771	0.261	118.20160	0.31	ug/L
Mn	55	4719776.223	0.432	3.788	123.22232	0.50	ug/L
Ni	60	809020.768	0.958	0.649	115.22498	0.69	ug/L
Cu	63	1750995.703	0.819	1.401	114.98357	1.07	ug/L
Cu	65	834442.650	0.929	0.668	113.85736	0.36	ug/L
Zn	66	519319.123	0.790	2.482	121.29079	0.81	ug/L
Zn	67	92243.244	1.098	0.441	123.10198	1.30	ug/L
Zn	68	373858.477	0.112	1.786	120.69827	0.29	ug/L
> Ge	72	207833.599	0.287	207833.599			ug/L
As	75	503422.932	0.624	2.423	118.88659	0.91	ug/L
Se	77	47054.942	0.953	0.225	121.09726	1.12	ug/L
Se	82	62215.453	0.222	0.298	120.53468	0.07	ug/L
Y	89	2804023.984	0.673	-0.012			ug/L
Ag	107	2920510.184	1.153	1.029	119.60465	0.72	ug/L
> In	115	2836662.436	0.469	2836662.436			ug/L
Sb	121	1838270.428	0.806	0.647	114.46979	1.11	ug/L
Sb	123	1419369.378	0.731	0.500	115.36849	1.01	ug/L
Ba	135	616961.600	0.268	0.156	113.86263	0.79	ug/L
Ba	137	1065408.716	0.782	0.269	111.80651	1.14	ug/L
Tb	159	3900983.062	0.641	0.001			ug/L
> Ho	165	3956664.603	0.858	3956664.603			ug/L
Bi	209	2807171.910	1.149	0.006			ug/L
Tl	205	7848676.251	0.808	1.984	122.85469	0.58	ug/L
Pb	208	10210846.989	0.232	2.578	121.57465	0.78	ug/L
Au	197	1642033.783	0.730	-0.082			mg/L

✓

Sample ID: STD

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QC Calculated Values

Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[Be	9					
> Sc-1	45		97.312			
[Cr	52					
[Cr	53					
[Mn	55					
[Ni	60					
[Cu	63					
[Cu	65					
[Zn	66					
[Zn	67					
[Zn	68					
> Ge	72		92.090			
[As	75					
[Se	77					
[Se	82					
[Y	89					
[Ag	107					
> In	115		95.657			
[Sb	121					
[Sb	123					
[Ba	135					
[Ba	137					
[Tb	159					
> Ho	165		98.832			
[Bi	209					
[Tl	205					
[Pb	208					
[Au	197					

Sample ID: STD

Report Date/Time: Wednesday, December 12, 2001 17:36:57

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