

Method 200.8 - Summary Report

Sample ID: Blank

Sample Date/Time: Friday, December 14, 2001 09:55:49

Sample Type: Sample

Sample Description: IC

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\Blank.648

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

DATE ANALYZED 12/14/01
 TIME ANALYZED 9:55
 ANALYST INITIALS LD
 REVIEWED BY AP

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	24.667	11.703				ug/L
>	Sc-1	45	765856.294	0.720				ug/L
	V	51	1789.463	2.736				mg/L
[	Mn	55	759.361	2.661				ug/L
>	In	115	2250046.257	2.567				ug/L
	Sb	121	84.001	5.952				ug/L
[	Sb	123	61.251	20.292				ug/L
>	Ho	165	3108641.588	1.488				ug/L
[	Tl	205	956.375	2.209				ug/L

Reviewed by,
 CB 1/13/02

Sample ID: Blank

Report Date/Time: Friday, December 14, 2001 09:56:24

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					
	V	51					
[	Mn	55					
>	In	115					
	Sb	121					
[	Sb	123					
>	Ho	165					
[	Tl	205					

Sample ID: Blank

Report Date/Time: Friday, December 14, 2001 09:56:24

Page 2

Method 200.8 - Summary Report

Sample ID: Standard 1

Sample Date/Time: Friday, December 14, 2001 09:58:48

Sample Type: Sample

Sample Description: IC

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\Standard 1.649

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	34473.558	0.895	0.046	60.00000	2.10	ug/L
>	Sc-1	45	755037.158	2.385	755037.158			ug/L
	V	51	1000979.882	1.678	1.324	60.00000	2.04	mg/L
[	Mn	55	1382482.168	2.833	1.830	60.00000	1.07	ug/L
[>	In	115	2227185.676	0.861	2227185.676			ug/L
	Sb	121	887641.069	0.992	0.399	60.00000	0.95	ug/L
[	Sb	123	696831.667	0.774	0.313	60.00000	0.31	ug/L
[>	Ho	165	3051397.816	0.404	3051397.816			ug/L
[	Tl	205	2818456.037	1.351	0.923	60.00000	0.96	ug/L

Sample ID: Standard 1

Report Date/Time: Friday, December 14, 2001 09:59:23

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					
	V	51					
[	Mn	55					
[>	In	115					
	Sb	121					
[	Sb	123					
[>	Ho	165					
[	Tl	205					

Sample ID: Standard 1

Report Date/Time: Friday, December 14, 2001 09:59:23

Page 2

Method 200.8 - Summary Report

Sample ID: Standard 2

Sample Date/Time: Friday, December 14, 2001 10:01:44

Sample Type: Sample

Sample Description: IC 120 PPB

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\Standard 2.650

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	70347.819	0.296	0.092	120.25466	0.39	ug/L
>	Sc-1	45	762266.630	0.680	762266.630			ug/L
	V	51	1932028.655	1.183	2.532	118.91938	1.54	mg/L
[	Mn	55	2761351.366	1.250	3.622	119.74689	1.28	ug/L
[>	In	115	2228859.736	1.462	2228859.736			ug/L
	Sb	121	1745331.054	1.795	0.783	119.57439	2.05	ug/L
[	Sb	123	1377952.248	0.730	0.618	119.71141	0.75	ug/L
[>	Ho	165	3098158.802	0.055	3098158.802			ug/L
[	Tl	205	5673963.249	0.792	1.831	119.79625	0.77	ug/L

Sample ID: Standard 2

Report Date/Time: Friday, December 14, 2001 10:02:20

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					
	V	51					
[	Mn	55					
>	In	115					
	Sb	121					
[	Sb	123					
>	Ho	165					
[	Tl	205					

Sample ID: Standard 2

Report Date/Time: Friday, December 14, 2001 10:02:20

Page 2

Method 200.8 - Summary Report

Sample ID: CAL BK

Sample Date/Time: Friday, December 14, 2001 10:08:57

Sample Type: Sample

Sample Description: ICV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\CAL BK.651

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	25.667	26.520	0.000	0.00267	42 445.91	ug/L
[>	Sc-1	45	749476.139	0.152	749476.139			ug/L
[	V	51	1487.092	4.253	-0.000	-0.01655	23.77	mg/L
[	Mn	55	784.363	6.706	0.000	0.00182	41 130.17	ug/L
[>	In	115	2230919.425	0.632	2230919.425			ug/L
[	Sb	121	393.009	4.914	0.000	0.02119	40.1 5.50	ug/L
[	Sb	123	311.711	2.400	0.000	0.02179	3.75	ug/L
[>	Ho	165	3082052.734	0.829	3082052.734			ug/L
[	Tl	205	1037.381	3.145	0.000	0.00190	41 42.96	ug/L

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 10:09:33

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		97.861			
	V	51					
[	Mn	55					
>	In	115		99.150			
	Sb	121					
[	Sb	123					
>	Ho	165		99.145			
[	Tl	205					

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 10:09:33

Page 2

Method 200.8 - Summary Report

Sample ID: STD1 60 PPB

Sample Date/Time: Friday, December 14, 2001 10:11:08

Sample Type: Sample

Sample Description: ICV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\STD1 60 PPB.652

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	34781.642	1.208	0.046	59.81488	2.47	ug/L
>	Sc-1	45	757580.754	1.294	757580.754			ug/L
	V	51	998221.915	0.883	1.315	61.77265	1.43	mg/L
[	Mn	55	1380018.378	0.874	1.821	60.20127	0.92	ug/L
>	In	115	2264530.335	0.916	2264530.335			ug/L
	Sb	121	878734.347	0.698	0.388	59.24976	1.30	ug/L
[	Sb	123	684991.857	1.081	0.302	58.57066	1.76	ug/L
>	Ho	165	3065746.453	0.886	3065746.453			ug/L
[	Tl	205	2831620.234	0.218	0.923	60.41100	1.10	ug/L



Sample ID: STD1 60 PPB

Report Date/Time: Friday, December 14, 2001 10:11:44

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		98.919			
	V	51					
[	Mn	55					
>	In	115		100.644			
	Sb	121					
[	Sb	123					
>	Ho	165		98.620			
[	Tl	205					

Sample ID: STD1 60 PPB

Report Date/Time: Friday, December 14, 2001 10:11:44

Page 2

Method 200.8 - Summary Report

Sample ID: STD2 120 PPB

Sample Date/Time: Friday, December 14, 2001 10:19:34

Sample Type: Sample

Sample Description: ICV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\STD2 120 PPB.653

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	70428.566	1.239	0.092	120.29847	1.21	ug/L
>	Sc-1	45	762849.707	0.225	762849.707			ug/L
	V	51	1949304.007	1.106	2.553	119.88655	1.12	mg/L
[	Mn	55	2807019.504	1.305	3.679	121.63305	1.33	ug/L
[>	In	115	2268305.820	2.026	2268305.820			ug/L
	Sb	121	1751987.985	0.236	0.773	117.95979	1.81	ug/L
[	Sb	123	1364545.552	0.397	0.602	116.51401	2.38	ug/L
[>	Ho	165	3093600.854	1.932	3093600.854			ug/L
[	Tl	205	5650439.669	1.916	1.826	119.48206	1.24	ug/L



Sample ID: STD2 120 PPB

Report Date/Time: Friday, December 14, 2001 10:20:10

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		99.607			
[	V	51					
[	Mn	55					
[>	In	115		100.812			
[	Sb	121					
[	Sb	123					
[>	Ho	165		99.516			
[	Tl	205					

Sample ID: STD2 120 PPB

Report Date/Time: Friday, December 14, 2001 10:20:10

Page 2

Method 200.8 - Summary Report

Sample ID: QCS 100 PPB

Sample Date/Time: Friday, December 14, 2001 10:23:39

Sample Type: Sample

Sample Description: ICV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\QCS 100 PPB.654

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	59528.699	0.302	0.079	103.19000	0.11	ug/L
>	Sc-1	45	751646.901	0.224	751646.901			ug/L
	V	51	1634528.428	0.843	2.172	102.00989	0.99	mg/L
[	Mn	55	2334120.192	2.031	3.104	102.64600	2.20	ug/L
[>	In	115	2232553.655	1.621	2232553.655			ug/L
	Sb	121	1458411.169	1.366	0.653	99.77204	2.94	ug/L
[	Sb	123	1140334.448	1.529	0.511	98.91869	2.55	ug/L
[>	Ho	165	3109790.962	0.672	3109790.962			ug/L
[	Tl	205	4723154.578	0.252	1.519	99.34932	0.93	ug/L



Sample ID: QCS 100 PPB

Report Date/Time: Friday, December 14, 2001 10:24:14

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		98.145			
	V	51					
[	Mn	55					
>	In	115		99.223			
	Sb	121					
[	Sb	123					
>	Ho	165		100.037			
[	Tl	205					

Sample ID: QCS 100 PPB

Report Date/Time: Friday, December 14, 2001 10:24:14

Page 2

Method 200.8 - Summary Report

Sample ID: LFB 50 PPB

Sample Date/Time: Friday, December 14, 2001 10:27:07

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\LFB 50 PPB.655

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	29374.464	0.841	0.039	51.27092	2.54	ug/L
[>	Sc-1	45	746395.306	1.682	746395.306			ug/L
	V	51	828451.919	1.985	1.108	52.03205	3.51	mg/L
[	Mn	55	1156295.123	1.456	1.549	51.20736	3.11	ug/L
[>	In	115	2236154.279	1.601	2236154.279			ug/L
	Sb	121	739073.419	1.028	0.330	50.46443	0.71	ug/L
[	Sb	123	574999.265	1.118	0.257	49.78766	0.88	ug/L
[>	Ho	165	3088464.511	1.004	3088464.511			ug/L
[	Tl	205	2362174.847	0.828	0.765	50.02141	1.25	ug/L



Sample ID: LFB 50 PPB

Report Date/Time: Friday, December 14, 2001 10:27:43

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		97.459			
	V	51					
[	Mn	55					
>	In	115		99.383	.		
	Sb	121					
[	Sb	123					
>	Ho	165		99.351			
[	Tl	205			.		

Sample ID: LFB 50 PPB

Report Date/Time: Friday, December 14, 2001 10:27:43

Page 2

Method 200.8 - Summary Report

Sample ID: LRB

Sample Date/Time: Friday, December 14, 2001 10:30:11

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\LRB.656

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	22.334	2.585	-0.000	-0.00288	20.54	ug/L
>	Sc-1	45	744362.197	1.309	744362.197			ug/L
	V	51	1625.109	3.526	-0.000	-0.00722	31.52	mg/L
[	Mn	55	1149.728	35.658	0.001	0.01843	102.51	ug/L
[>	In	115	2256280.590	1.001	2256280.590			ug/L
	Sb	121	1106.054	4.115	0.000	0.06918	5.55	ug/L
[	Sb	123	822.404	6.275	0.000	0.06532	7.11	ug/L
[>	Ho	165	3075680.506	1.170	3075680.506			ug/L
[	Tl	205	1253.401	4.713	0.000	0.00653	16.86	ug/L

Sample ID: LRB

Report Date/Time: Friday, December 14, 2001 10:30:47

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		97.193			
	V	51					
[	Mn	55					
>	In	115		100.277			
	Sb	121					
[	Sb	123					
>	Ho	165		98.940			
[	Tl	205					

Sample ID: LRB

Report Date/Time: Friday, December 14, 2001 10:30:47

Page 2

Method 200.8 - Summary Report

Sample ID: AD27872

Sample Date/Time: Friday, December 14, 2001 10:32:31

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD27872.657

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	22.667	29.375	-0.000	0.00236	2478.20	ug/L
[>	Sc-1	45	744144.088	1.136	744144.088			ug/L
[	V	51	2865.649	1.489	0.002	0.07113	5.20	mg/L
[	Mn	55	612968.295	2.451	0.823	27.20078	1.49	ug/L
[>	In	115	2276272.981	1.144	2276272.981			ug/L
[	Sb	121	1135.056	1.385	0.000	0.07044	0.86	ug/L
[	Sb	123	865.649	4.545	0.000	0.06836	4.24	ug/L
[>	Ho	165	3129132.579	0.467	3129132.579			ug/L
[	Tl	205	1091.719	4.469	0.000	0.00270	33.82	ug/L

Sample ID: AD27872

Report Date/Time: Friday, December 14, 2001 10:33:07

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		97.165			
	V	51					
[	Mn	55					
>	In	115		101.166			
	Sb	121					
[	Sb	123					
>	Ho	165		100.659			
[	Tl	205					

Sample ID: AD27872

Report Date/Time: Friday, December 14, 2001 10:33:07

Page 2

Method 200.8 - Summary Report

Sample ID: AD27872DUP

Sample Date/Time: Friday, December 14, 2001 10:34:39

Sample Type: Sample

Sample Description: 1:2

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD27872DUP.658

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	25.000	28.000	0.000	0.00182	697.14	ug/L
[>	Sc-1	45	745415.636	1.038	745415.636			ug/L
[	V	51	2312.877	2.910	0.001	0.03597	7.89	mg/L
[	Mn	55	319432.023	2.740	0.428	14.13531	2.09	ug/L
[>	In	115	2281506.404	1.367	2281506.404			ug/L
[	Sb	121	703.024	2.236	0.000	0.04136	3.56	ug/L
[	Sb	123	515.301	5.500	0.000	0.03845	4.77	ug/L
[>	Ho	165	3146103.767	1.196	3146103.767			ug/L
[	Tl	205	1073.384	5.092	0.000	0.00219	40.19	ug/L

$$\frac{27}{2}$$

Sample ID: AD27872DUP

Report Date/Time: Friday, December 14, 2001 10:35:14

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		97.331			
	V	51					
[	Mn	55					
>	In	115		101.398			
	Sb	121					
[	Sb	123					
>	Ho	165		101.205			
[	Tl	205					

Sample ID: AD27872DUP

Report Date/Time: Friday, December 14, 2001 10:35:14

Page 2

Method 200.8 - Summary Report

Sample ID: AD27872SPK

Sample Date/Time: Friday, December 14, 2001 10:37:51

Sample Type: Sample

Sample Description: 1:2 SPK 50 PPB

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD27872SPK.659

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	31384.084	0.800	0.043	55.44957	✓ 110% 2.35	ug/L
>	Sc-1	45	737446.343	2.282	737446.343			ug/L
	V	51	823586.584	0.716	1.115	52.35850	2.92	mg/L
[	Mn	55	1414354.181	1.236	1.917	63.39242	1.20	ug/L
[>	In	115	2192551.631	1.189	2192551.631			ug/L
	Sb	121	731915.269	0.489	0.334	50.97217	✓ 1.54	ug/L
[	Sb	123	573762.777	0.921	0.262	50.66861	✓ 1.23	ug/L
[>	Ho	165	3003551.721	0.932	3003551.721			ug/L
[	Tl	205	2340793.264	1.783	0.779	50.96635	✓ 1.36	ug/L

$$\frac{63}{2} + 50$$

or

$$\frac{63 + 50}{2}$$

7

Sample ID: AD27872SPK

Report Date/Time: Friday, December 14, 2001 10:38:27

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		96.290			
[	V	51					
[	Mn	55					
[>	In	115		97.445			
[	Sb	121					
[	Sb	123					
[>	Ho	165		96.619			
[	Tl	205					

Sample ID: AD27872SPK

Report Date/Time: Friday, December 14, 2001 10:38:27

Page 2

Method 200.8 - Summary Report

Sample ID: AD27873

Sample Date/Time: Friday, December 14, 2001 10:40:34

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD27873.660

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	4.681	0.000	0.00084	22 208.27	ug/L
>	Sc-1	45	750795.474	1.295	750795.474			ug/L
	V	51	3180.386	1.528	0.002	0.08924	6.11	mg/L
[	Mn	55	585271.764	2.311	0.779	25.75017	3.64	ug/L
[>	In	115	2278044.740	1.198	2278044.740			ug/L
	Sb	121	1906.813	7.101	0.001	0.12207	0.1 6.56	ug/L
[	Sb	123	1508.012	4.672	0.001	0.12287	3.65	ug/L
[>	Ho	165	3100942.017	0.893	3100942.017			ug/L
[	Tl	205	1394.082	3.852	0.000	0.00929	21 15.07	ug/L

Sample ID: AD27873

Report Date/Time: Friday, December 14, 2001 10:41:09

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		98.033			
	V	51					
[	Mn	55					
[>	In	115		101.244			
	Sb	121					
[	Sb	123					
[>	Ho	165		99.752			
[	Tl	205					

Sample ID: AD27873

Report Date/Time: Friday, December 14, 2001 10:41:09

Page 2

Method 200.8 - Summary Report

Sample ID: AD27874

Sample Date/Time: Friday, December 14, 2001 10:42:58

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD27874.661

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	31.620	0.000	0.00437	22 326.36	ug/L
[>	Sc-1	45	739024.565	1.125	739024.565			ug/L
[	V	51	9865.505	1.787	0.011	0.51714	1.19	mg/L
[	Mn	55	1330808.047	1.136	1.800	59.51552	1.92	ug/L
[>	In	115	2037586.689	5.072	2037586.689			ug/L
[	Sb	121	1497.760	3.225	0.001	0.10681	7.94	ug/L
[	Sb	123	1169.795	2.194	0.001	0.10612	6.74	ug/L
[>	Ho	165	3044842.676	1.218	3044842.676			ug/L
[	Tl	205	1097.053	3.492	0.000	0.00344	21 18.39	ug/L

Sample ID: AD27874

Report Date/Time: Friday, December 14, 2001 10:43:34

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		96.497			
	V	51					
[	Mn	55					
>	In	115		90.558			
	Sb	121					
[	Sb	123					
>	Ho	165		97.948			
[	Tl	205					

Sample ID: AD27874

Report Date/Time: Friday, December 14, 2001 10:43:34

Page 2

Method 200.8 - Summary Report

Sample ID: AD27984

Sample Date/Time: Friday, December 14, 2001 10:45:51

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD27984.662

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	25.667	32.675	0.000	0.00215	625.95	ug/L
[>	Sc-1	45	753698.107	2.898	753698.107	0.18400	2.84	mg/L
[	V	51	4712.825	1.690	0.004	26.51997	1.26	ug/L
[	Mn	55	605120.349	1.676	0.802	0.05765	4.76	ug/L
[>	In	115	2243822.664	1.031	2243822.664	0.06129	5.63	ug/L
[	Sb	121	930.706	3.474	0.000	0.00304	26.87	ug/L
[	Sb	123	771.055	4.158	0.000			
[>	Ho	165	3073962.624	1.547	3073962.624			
[	Tl	205	1088.386	3.149	0.000			

Sample ID: AD27984

Report Date/Time: Friday, December 14, 2001 10:46:27

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		98.412			
[	V	51					
[	Mn	55					
[>	In	115		99.723			
[	Sb	121					
[	Sb	123					
[>	Ho	165		98.884			
[	Tl	205					

Sample ID: AD27984

Report Date/Time: Friday, December 14, 2001 10:46:27

Page 2

Method 200.8 - Summary Report

Sample ID: AD27985

Sample Date/Time: Friday, December 14, 2001 10:49:17

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD27985.663

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	27.334	14.786	0.000	0:0041672	189.95	ug/L
> Sc-1	45	774225.140	3.038	774225.140			ug/L
V	51	4466.077	3.430	0.003	0.16135	8.11	mg/L
[Mn]	55	568374.712	0.614	0.734	24:25784	3.56	ug/L
> In	115	2255831.187	0.872	2255831.187			ug/L
[Sb]	121	844.700	0.652	0.000	0.05148	1.08	ug/L
[Sb]	123	652.969	4.814	0.000	0.05076	4.42	ug/L
> Ho	165	3108906.067	0.156	3108906.067			ug/L
[Ti]	205	988.044	5.307	0.000	0:00067	169.70	ug/L

Sample ID: AD27985

Report Date/Time: Friday, December 14, 2001 10:49:52

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		101.093			
[	V	51					
[	Mn	55					
>	In	115		100.257			
[	Sb	121					
[	Sb	123					
>	Ho	165		100.009			
[	Tl	205					

Sample ID: AD27985

Report Date/Time: Friday, December 14, 2001 10:49:52

Page 2

Method 200.8 - Summary Report

Sample ID: AD27986

Sample Date/Time: Friday, December 14, 2001 10:59:00

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD27986.664

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	28.868	0.000	0.00028	4440.35	ug/L
[> Sc-1	45	741181.712	1.772	741181.712			ug/L
[V	51	12260.383	2.384	0.014	0.66702	1.06	mg/L
[Mn	55	1554599.793	1.181	2.097	69.32554	1.13	ug/L
[> In	115	2027836.515	4.745	2027836.515			ug/L
[Sb	121	1115.388	2.469	0.001	0.07845	7.00	ug/L
[Sb	123	856.437	3.928	0.000	0.07661	6.20	ug/L
[> Ho	165	2992873.666	0.914	2992873.666			ug/L
[Tl	205	986.711	7.397	0.000	0.00143	97.40	ug/L

Sample ID: AD27986

Report Date/Time: Friday, December 14, 2001 10:59:35

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		96.778			
	V	51					
[	Mn	55					
>	In	115		90.124			
	Sb	121					
[	Sb	123					
>	Ho	165		96.276			
[	Tl	205					

Sample ID: AD27986

Report Date/Time: Friday, December 14, 2001 10:59:35

Page 2

Method 200.8 - Summary Report

Sample ID: AD28104

Sample Date/Time: Friday, December 14, 2001 11:01:07

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28104.665

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	21.651	-0.000	-0.00069	1257.44	ug/L
>	Sc-1	45	757050.468	0.631	757050.468			ug/L
	V	51	5413.080	3.432	0.005	0.22603	4.66	mg/L
[	Mn	55	610455.852	0.713	0.805	26.62899	0.22	ug/L
[>	In	115	2243603.709	1.740	2243603.709			ug/L
	Sb	121	763.028	3.023	0.000	0.04623	3.39	ug/L
[	Sb	123	635.683	2.992	0.000	0.04962	5.23	ug/L
[>	Ho	165	3074039.249	1.557	3074039.249			ug/L
[	Tl	205	953.708	3.726	0.000	0.00017	491.24	ug/L

Sample ID: AD28104

Report Date/Time: Friday, December 14, 2001 11:01:43

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		98.850			
	V	51					
[	Mn	55					
>	In	115		99.714			
	Sb	121					
[	Sb	123					
>	Ho	165		98.887			
[	Tl	205					

Sample ID: AD28104

Report Date/Time: Friday, December 14, 2001 11:01:43

Page 2

Method 200.8 - Summary Report

Sample ID: AD28105

Sample Date/Time: Friday, December 14, 2001 11:03:23

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28105.666

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	26.334	5.801	0.000	0.00372	62.72	ug/L
[>	Sc-1	45	750891.330	1.667	750891.330			ug/L
[	V	51	4968.580	1.792	0.004	0.20110	4.69	mg/L
[	Mn	55	594295.474	1.462	0.791	26.14529	3.15	ug/L
[>	In	115	2219828.301	1.084	2219828.301			ug/L
[	Sb	121	725.692	3.073	0.000	0.04423	4.43	ug/L
[	Sb	123	605.972	3.875	0.000	0.04761	5.48	ug/L
[>	Ho	165	3058111.149	0.881	3058111.149			ug/L
[	Tl	205	952.041	2.145	0.000	0.00024	107.64	ug/L

Sample ID: AD28105

Report Date/Time: Friday, December 14, 2001 11:03:59

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		98.046			
	V	51					
[	Mn	55					
>	In	115		98.657			
	Sb	121					
[	Sb	123					
>	Ho	165		98.375			
[	Tl	205					

Sample ID: AD28105

Report Date/Time: Friday, December 14, 2001 11:03:59

Page 2

Method 200.8 - Summary Report

Sample ID: AD28106

Sample Date/Time: Friday, December 14, 2001 11:06:31

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28106.667

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	27.363	-0.000	-0.00001	155901.43	ug/L
>	Sc-1	45	756121.337	2.018	756121.337			ug/L
	V	51	12657.402	3.366	0.014	0.67625	1.84	mg/L
	Mn	55	1542010.897	2.470	2.038	67.40117	1.91	ug/L
[>	In	115	2197255.154	1.761	2197255.154			ug/L
	Sb	121	1092.053	5.443	0.000	0.07016	3.97	ug/L
	Sb	123	848.902	5.181	0.000	0.06955	5.70	ug/L
[>	Ho	165	3057928.238	0.807	3057928.238			ug/L
	Tl	205	873.035	1.664	-0.000	-0.00145	30.28	ug/L

Sample ID: AD28106

Report Date/Time: Friday, December 14, 2001 11:07:07

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		98.729			
	V	51					
[	Mn	55					
>	In	115		97.654			
	Sb	121					
[	Sb	123					
>	Ho	165		98.369			
[	Tl	205					

Sample ID: AD28106

Report Date/Time: Friday, December 14, 2001 11:07:07

Page 2

Method 200.8 - Summary Report

Sample ID: AD28308

Sample Date/Time: Friday, December 14, 2001 11:09:37

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28308.668

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	25.000	30.199	0.000	0.00210	22 647.08	ug/L
>	Sc-1	45	740265.237	0.748	740265.237			ug/L
	V	51	5176.990	3.166	0.005	0.21870	4.83	mg/L
[	Mn	55	584837.507	2.214	0.789	26.08932	2.08	ug/L
[>	In	115	2143923.929	5.993	2143923.929			ug/L
	Sb	121	708.025	5.317	0.000	0.04493	11.94	ug/L
[	Sb	123	540.805	2.856	0.000	0.04375	10.17	ug/L
[>	Ho	165	2988627.161	1.248	2988627.161			ug/L
[	Tl	205	905.371	0.278	-0.000	-0.00031	97.19	ug/L

Sample ID: AD28308

Report Date/Time: Friday, December 14, 2001 11:10:13

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		96.659			
	V	51					
[	Mn	55					
>	In	115		95.284			
	Sb	121					
[	Sb	123					
>	Ho	165		96.139			
[	Tl	205					

Sample ID: AD28308

Report Date/Time: Friday, December 14, 2001 11:10:13

Page 2

Method 200.8 - Summary Report

Sample ID: CAL BK

Sample Date/Time: Friday, December 14, 2001 11:12:57

Sample Type: Sample

Sample Description: CCV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\CAL BK.669

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	0.000	-0.000	-0.00723	0.37	ug/L
[>	Sc-1	45	750073.623	0.078	750073.623			ug/L
[	V	51	3212.727	2.511	0.002	0.09141	5.46	mg/L
[	Mn	55	865.702	4.213	0.000	0.00538	29.51	ug/L
[>	In	115	2211597.075	1.193	2211597.075			ug/L
[	Sb	121	146.669	13.332	0.000	0.00444	32.85	ug/L
[	Sb	123	131.828	5.263	0.000	0.00627	7.64	ug/L
[>	Ho	165	3021410.275	0.906	3021410.275			ug/L
[	Tl	205	916.039	1.716	-0.000	-0.00029	174.82	ug/L

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 11:13:32

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		97.939			
	V	51					
[	Mn	55					
>	In	115		98.291			
	Sb	121					
[	Sb	123					
>	Ho	165		97.194			
[	Tl	205					

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 11:13:32

Page 2

Method 200.8 - Summary Report

Sample ID: STD 1 60 PPB

Sample Date/Time: Friday, December 14, 2001 11:14:53

Sample Type: Sample

Sample Description: CCV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\STD 1 60 PPB.670

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	36885.596	0.941	0.049	63.98912	2.45	ug/L
[>	Sc-1	45	751070.634	1.643	751070.634			ug/L
[	V	51	978287.127	2.034	1.301	61.07706	3.40	mg/L
[	Mn	55	1360986.351	0.696	1.812	59.89739	2.36	ug/L
[>	In	115	2199173.928	1.665	2199173.928			ug/L
[	Sb	121	842005.260	0.495	0.383	58.46459	1.29	ug/L
[	Sb	123	658714.786	0.688	0.300	57.99906	1.09	ug/L
[>	Ho	165	3017401.061	0.794	3017401.061			ug/L
[	Tl	205	2806607.237	0.274	0.930	60.83472	0.57	ug/L



Sample ID: STD 1 60 PPB

Report Date/Time: Friday, December 14, 2001 11:15:29

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		98.069			
	V	51					
[	Mn	55					
>	In	115		97.739			
	Sb	121					
[	Sb	123					
>	Ho	165		97.065			
[	Tl	205					

Sample ID: STD 1 60 PPB

Report Date/Time: Friday, December 14, 2001 11:15:29

Page 2

Method 200.8 - Summary Report

Sample ID: STD 2 120 PPB

Sample Date/Time: Friday, December 14, 2001 11:18:03

Sample Type: Sample

Sample Description: CCV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\STD 2 120 PPB.671

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	73567.403	2.253	0.097	126.37884	2.45	ug/L
>	Sc-1	45	758572.278	1.035	758572.278			ug/L
	V	51	1925959.830	2.108	2.536	119.11226	1.41	mg/L
[	Mn	55	2848999.258	1.844	3.755	124.14334	1.05	ug/L
>	In	115	2139569.754	5.767	2139569.754			ug/L
	Sb	121	1662801.539	0.314	0.779	118.92567	5.77	ug/L
[	Sb	123	1300381.236	1.097	0.609	117.99382	6.96	ug/L
>	Ho	165	3006191.574	0.758	3006191.574			ug/L
[	Tl	205	5645259.977	0.903	1.878	122.84601	1.55	ug/L



Sample ID: STD 2 120 PPB

Report Date/Time: Friday, December 14, 2001 11:18:39

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		99.049			
	V	51					
[	Mn	55					
>	In	115		95.090			
	Sb	121					
[	Sb	123					
>	Ho	165		96.704			
[	Tl	205					

Sample ID: STD 2 120 PPB

Report Date/Time: Friday, December 14, 2001 11:18:39

Page 2

Method 200.8 - Summary Report

Sample ID: AD28309

Sample Date/Time: Friday, December 14, 2001 11:22:52

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28309.672

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	12.372	-0.000	-0.00048	1113.50	ug/L
>	Sc-1	45	733216.681	1.340	733216.681			ug/L
	V	51	3433.447	0.783	0.002	0.11022	4.24	mg/L
[	Mn	55	497031.674	1.681	0.677	22.38226	1.70	ug/L
[>	In	115	2202035.412	0.453	2202035.412			ug/L
	Sb	121	1070.384	1.403	0.000	0.06852	1.87	ug/L
[	Sb	123	837.023	2.492	0.000	0.06833	2.90	ug/L
[>	Ho	165	3051027.050	0.552	3051027.050			ug/L
[	Tl	205	1136.723	3.421	0.000	0.00425	18.34	ug/L

Sample ID: AD28309

Report Date/Time: Friday, December 14, 2001 11:23:28

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		95.738			
	V	51					
[	Mn	55					
>	In	115		97.866			
	Sb	121					
[	Sb	123					
>	Ho	165		98.147			
[	Tl	205					

Sample ID: AD28309

Report Date/Time: Friday, December 14, 2001 11:23:28

Page 2

Method 200.8 - Summary Report

Sample ID: AD28309DUP

Sample Date/Time: Friday, December 14, 2001 11:25:22

Sample Type: Sample

Sample Description: 1:2

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28309DUP.673

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	31.334	6.644	0.000	0.01226	30.57	ug/L
[>	Sc-1	45	753100.049	1.453	753100.049			ug/L
[	V	51	3206.725	1.310	0.002	0.09024	2.42	mg/L
[	Mn	55	267080.102	1.358	0.354	11.69582	2.53	ug/L
[>	In	115	2258096.972	2.892	2258096.972			ug/L
[	Sb	121	613.019	1.881	0.000	0.03576	1.22	ug/L
[	Sb	123	462.330	5.165	0.000	0.03436	3.67	ug/L
[>	Ho	165	3091067.287	1.303	3091067.287			ug/L
[	Tl	205	1000.378	2.809	0.000	0.00105	79.37	ug/L

ok

Sample ID: AD28309DUP

Report Date/Time: Friday, December 14, 2001 11:25:57

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		98.334			
	V	51					
[	Mn	55					
[>	In	115		100.358			
	Sb	121					
[	Sb	123					
[>	Ho	165		99.435			
[	Tl	205					

Sample ID: AD28309DUP

Report Date/Time: Friday, December 14, 2001 11:25:57

Page 2

Method 200.8 - Summary Report

Sample ID: AD28309SPK

Sample Date/Time: Friday, December 14, 2001 11:27:58

Sample Type: Sample

Sample Description: 1:2 SPK 50 PPB

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28309SPK.674

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	31814.378	1.745	0.044	56.99402	1.41	ug/L
>	Sc-1	45	727083.857	1.262	727083.857			ug/L
	V	51	801368.510	2.238	1.100	51.64429	1.16	mg/L
[	Mn	55	1366320.203	0.740	1.878	62.10733	1.40	ug/L
[>	In	115	2190439.222	0.808	2190439.222			ug/L
	Sb	121	714380.014	0.901	0.326	49.79609	1.44	ug/L
[	Sb	123	556777.982	0.924	0.254	49.21716	1.72	ug/L
[>	Ho	165	3024739.753	1.382	3024739.753			ug/L
[	Tl	205	2303568.069	0.644	0.761	49.81047	1.38	ug/L

Sample ID: AD28309SPK

Report Date/Time: Friday, December 14, 2001 11:28:33

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		94.937			
	V	51					
[	Mn	55					
>	In	115		97.351			
	Sb	121					
[	Sb	123					
>	Ho	165		97.301			
[	Tl	205					

Sample ID: AD28309SPK

Report Date/Time: Friday, December 14, 2001 11:28:33

Page 2

Method 200.8 - Summary Report

Sample ID: AD28310

Sample Date/Time: Friday, December 14, 2001 11:31:45

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28310.675

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	15.810	0.000	0.00366	188.32	ug/L
>	Sc-1	45	751470.793	0.661	751470.793			ug/L
	V	51	11222.185	0.234	0.013	0.59157	0.51	mg/L
[	Mn	55	1372425.670	2.238	1.825	60.34926	1.59	ug/L
>	In	115	2179111.331	0.916	2179111.331			ug/L
	Sb	121	1344.077	4.504	0.001	0.08846	3.98	ug/L
[	Sb	123	1078.714	2.968	0.000	0.09058	3.08	ug/L
>	Ho	165	3109828.038	1.132	3109828.038			ug/L
[	Tl	205	1020.713	1.084	0.000	0.00135	6.31	ug/L

Sample ID: AD28310

Report Date/Time: Friday, December 14, 2001 11:32:21

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		98.122			
	V	51					
[	Mn	55					
>	In	115		96.847			
	Sb	121					
[	Sb	123					
>	Ho	165		100.038			
[	Tl	205					

Sample ID: AD28310

Report Date/Time: Friday, December 14, 2001 11:32:21

Page 2

Method 200.8 - Summary Report

Sample ID: AD28322

Sample Date/Time: Friday, December 14, 2001 11:34:02

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28322.676

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	27.334	29.572	0.000	0.00666	222.81	ug/L
[>	Sc-1	45	733820.729	0.897	733820.729			ug/L
[	V	51	5008.928	1.309	0.004	0.21086	3.33	mg/L
[	Mn	55	559186.848	1.827	0.761	25.16584	2.44	ug/L
[>	In	115	2138260.139	5.828	2138260.139			ug/L
[	Sb	121	935.707	4.227	0.000	0.06118	3.27	ug/L
[	Sb	123	691.014	4.976	0.000	0.05749	9.60	ug/L
[>	Ho	165	3011701.154	0.214	3011701.154			ug/L
[	Tl	205	919.372	2.984	-0.000	-0.00016	383.74	ug/L

Sample ID: AD28322

Report Date/Time: Friday, December 14, 2001 11:34:37

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		95.817			
	V	51					
[	Mn	55					
>	In	115		95.032			
	Sb	121					
[	Sb	123					
>	Ho	165		96.882			
[	Tl	205					

Sample ID: AD28322

Report Date/Time: Friday, December 14, 2001 11:34:37

Page 2

Method 200.8 - Summary Report

Sample ID: AD28323.

Sample Date/Time: Friday, December 14, 2001 11:36:12

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28323.677

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	47.238	-0.000	-0.00253	733.55	ug/L
[>	Sc-1	45	725724.807	1.876	725724.807			ug/L
[	V	51	4750.504	1.238	0.004	0.19769	0.98	mg/L
[	Mn	55	524268.080	0.675	0.722	23.85670	1.19	ug/L
[>	In	115	2047084.194	5.464	2047084.194			ug/L
[	Sb	121	844.367	3.663	0.000	0.05748	9.64	ug/L
[	Sb	123	625.682	6.605	0.000	0.05389	1.92	ug/L
[>	Ho	165	3003430.605	0.879	3003430.605			ug/L
[	Tl	205	910.038	3.537	-0.000	-0.00030	293.30	ug/L

Sample ID: AD28323

Report Date/Time: Friday, December 14, 2001 11:36:47

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		94.760			
	V	51					
[	Mn	55					
>	In	115		90.980			
	Sb	121					
[	Sb	123					
>	Ho	165		96.616			
[	Tl	205					

Sample ID: AD28323

Report Date/Time: Friday, December 14, 2001 11:36:47

Page 2

Method 200.8 - Summary Report

Sample ID: AD28324

Sample Date/Time: Friday, December 14, 2001 11:38:24

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28324.678

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	29.334	19.385	0.000	0.01244	91.16	ug/L
] >	Sc-1	45	704083.743	1.797	704083.743			ug/L
[	V	51	11830.015	1.489	0.014	0.67960	3.81	mg/L
[	Mn	55	1329423.420	1.707	1.888	62.41326	2.62	ug/L
] >	In	115	1900124.438	0.816	1900124.438			ug/L
[	Sb	121	1124.722	1.031	0.001	0.08468	0.53	ug/L
[	Sb	123	823.082	1.629	0.000	0.07861	2.33	ug/L
] >	Ho	165	2886782.732	0.865	2886782.732			ug/L
[	Tl	205	873.035	1.907	-0.000	-0.00034	89.27	ug/L

Sample ID: AD28324

Report Date/Time: Friday, December 14, 2001 11:38:59

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		91.934			
	V	51					
L	Mn	55					
[>	In	115		84.448			
	Sb	121					
L	Sb	123					
[>	Ho	165		92.863			
L	Tl	205					

Sample ID: AD28324

Report Date/Time: Friday, December 14, 2001 11:38:59

Page 2

Method 200.8 - Summary Report

Sample ID: AD28325

Sample Date/Time: Friday, December 14, 2001 11:40:26

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28325.679

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	27.667	5.521	0.000	0.00786	32.04	ug/L
[>	Sc-1	45	723410.308	0.489	723410.308			ug/L
]	V	51	5377.066	2.791	0.005	0.23934	4.42	mg/L
[	Mn	55	570122.089	0.985	0.787	26.02654	1.44	ug/L
[>	In	115	2123502.094	6.063	2123502.094			ug/L
	Sb	121	820.365	0.601	0.000	0.05345	7.64	ug/L
[	Sb	123	639.138	6.065	0.000	0.05315	9.33	ug/L
[>	Ho	165	2993140.617	0.310	2993140.617			ug/L
[	Tl	205	898.371	5.114	-0.000	-0.00049	196.31	ug/L

Sample ID: AD28325

Report Date/Time: Friday, December 14, 2001 11:41:02

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		94.458			
[	V	51					
[	Mn	55					
[>	In	115		94.376			
[	Sb	121					
[	Sb	123					
[>	Ho	165		96.285			
[	Tl	205					

Sample ID: AD28325

Report Date/Time: Friday, December 14, 2001 11:41:02

Page 2

Method 200.8 - Summary Report

Sample ID: AD28326

Sample Date/Time: Friday, December 14, 2001 11:43:40

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28326.680

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	21.667	23.684	-0.000	-0.00339	282.15	ug/L
>	Sc-1	45	733663.652	2.263	733663.652			ug/L
	V	51	4985.920	1.169	0.004	0.20951	3.57	mg/L
	Mn	55	544389.543	1.694	0.741	24.50603	1.81	ug/L
>	In	115	2181834.133	0.496	2181834.133			ug/L
	Sb	121	737.693	2.716	0.000	0.04592	2.81	ug/L
	Sb	123	606.088	2.267	0.000	0.04852	2.97	ug/L
>	Ho	165	3028454.826	1.007	3028454.826			ug/L
	Tl	205	869.368	2.588	-0.000	-0.00135	32.15	ug/L

Sample ID: AD28326

Report Date/Time: Friday, December 14, 2001 11:44:16

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		95.797			
	V	51					
[	Mn	55					
[>	In	115		96.968			
	Sb	121					
[	Sb	123					
[>	Ho	165		97.421			
[	Tl	205					

Sample ID: AD28326

Report Date/Time: Friday, December 14, 2001 11:44:16

Page 2

Method 200.8 - Summary Report

Sample ID: AD28327

Sample Date/Time: Friday, December 14, 2001 11:45:59

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28327.681

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	18.667	13.482	-0.000	-0.00962	45.70	ug/L
[>	Sc-1	45	752255.095	2.525	752255.095			ug/L
	V	51	11892.067	0.325	0.013	0.63299	3.29	mg/L
[	Mn	55	1340193.568	1.409	1.781	58.89457	2.49	ug/L
[>	In	115	2145772.482	6.219	2145772.482			ug/L
	Sb	121	1817.173	71.451	0.001	0.12793	81.62	ug/L
[	Sb	123	809.784	1.504	0.000	0.06795	5.28	ug/L
[>	Ho	165	3123541.430	0.694	3123541.430			ug/L
[	Tl	205	918.372	5.612	-0.000	-0.00089	113.14	ug/L

Sample ID: AD28327

Report Date/Time: Friday, December 14, 2001 11:46:35

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		98.224			
	V	51					
[	Mn	55					
>	In	115		95.366			
	Sb	121					
[	Sb	123					
>	Ho	165		100.479			
[	Tl	205					

Sample ID: AD28327

Report Date/Time: Friday, December 14, 2001 11:46:35

Page 2

Method 200.8 - Summary Report

Sample ID: AD28468

Sample Date/Time: Friday, December 14, 2001 11:49:37

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28468.682

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	21.667	37.019	-0.000	-0.00315	470.88	ug/L
[>	Sc-1	45	729586.489	1.281	729586.489			ug/L
[	V	51	5949.965	1.520	0.006	0.27334	3.95	mg/L
[	Mn	55	560630.970	1.257	0.767	25.37520	0.76	ug/L
[>	In	115	2176681.677	0.278	2176681.677			ug/L
[	Sb	121	727.026	2.036	0.000	0.04530	2.01	ug/L
[	Sb	123	589.347	4.545	0.000	0.04716	5.24	ug/L
[>	Ho	165	3012788.734	0.108	3012788.734			ug/L
[	Tl	205	915.372	4.457	-0.000	-0.00025	345.24	ug/L

Sample ID: AD28468

Report Date/Time: Friday, December 14, 2001 11:50:13

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		95.264			
[	V	51					
[	Mn	55					
[>	In	115		96.739			
[	Sb	121					
[	Sb	123					
[>	Ho	165		96.917			
[	Tl	205					

Sample ID: AD28468

Report Date/Time: Friday, December 14, 2001 11:50:13

Page 2

Method 200.8 - Summary Report

Sample ID: AD28469

Sample Date/Time: Friday, December 14, 2001 11:51:46

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28469.683

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	17.747	-0.000	-0.00514	120.00	ug/L
>	Sc-1	45	753839.039	1.968	753839.039			ug/L
	V	51	5451.095	2.138	0.005	0.22992	4.06	mg/L
[	Mn	55	585828.994	0.997	0.776	25.66750	1.74	ug/L
>	In	115	2259023.548	1.357	2259023.548			ug/L
	Sb	121	723.359	2.602	0.000	0.04320	3.56	ug/L
[	Sb	123	569.801	4.126	0.000	0.04356	3.94	ug/L
>	Ho	165	3117633.895	0.547	3117633.895			ug/L
[	Tl	205	913.372	6.041	-0.000	-0.00096	109.68	ug/L

Sample ID: AD28469

Report Date/Time: Friday, December 14, 2001 11:52:22

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		98.431			
	V	51					
[	Mn	55					
>	In	115		100.399			
	Sb	121					
[	Sb	123					
>	Ho	165		100.289			
[	Tl	205					

Sample ID: AD28469

Report Date/Time: Friday, December 14, 2001 11:52:22

Page 2

Method 200.8 - Summary Report

Sample ID: CAL BK

Sample Date/Time: Friday, December 14, 2001 11:54:20

Sample Type: Sample

Sample Description: CCV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\CAL BK.684

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	18.334	16.664	-0.000	-0.01004	51.28	ug/L
>	Sc-1	45	747746.254	0.926	747746.254			ug/L
	V	51	3732.527	8.900	0.003	0.12459	15.20	mg/L
[	Mn	55	859.034	4.236	0.000	0.00520	25.32	ug/L
>	In	115	2210576.675	0.661	2210576.675			ug/L
	Sb	121	150.336	5.037	0.000	0.00468	9.69	ug/L
[	Sb	123	125.913	3.790	0.000	0.00576	6.62	ug/L
>	Ho	165	3005791.147	0.600	3005791.147			ug/L
[	Tl	205	899.704	2.865	-0.000	-0.00054	113.10	ug/L

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 11:54:56

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		97.635			
	V	51					
[	Mn	55					
>	In	115		98.246			
	Sb	121					
[	Sb	123					
>	Ho	165		96.691			
[	Tl	205					

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 11:54:56

Page 2

Method 200.8 - Summary Report

Sample ID: STD 1 60 PPB

Sample Date/Time: Friday, December 14, 2001 11:56:30

Sample Type: Sample

Sample Description: CCV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\STD 1 60 PPB.685

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	35522.802	1.105	0.048	62.59287	0.86	ug/L
>	Sc-1	45	739249.668	0.572	739249.668			ug/L
	V	51	980119.789	0.663	1.323	62.15103	0.36	mg/L
[	Mn	55	1345767.533	0.499	1.820	60.16147	1.00	ug/L
>	In	115	2210179.038	1.466	2210179.038			ug/L
	Sb	121	835765.462	0.890	0.378	57.73755	0.59	ug/L
[	Sb	123	654410.183	1.100	0.296	57.34085	2.58	ug/L
>	Ho	165	3017297.247	1.259	3017297.247			ug/L
[	Tl	205	2825603.705	1.363	0.936	61.24674	0.43	ug/L



Sample ID: STD 1 60 PPB

Report Date/Time: Friday, December 14, 2001 11:57:06

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		96.526			
	V	51					
[	Mn	55					
>	In	115		98.228			
	Sb	121					
[	Sb	123					
>	Ho	165		97.062			
[	Tl	205					

Method 200.8 - Summary Report

Sample ID: STD 2 120 PPB

Sample Date/Time: Friday, December 14, 2001 11:58:56

Sample Type: Sample

Sample Description: CCV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\STD 2 120 PPB.686

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	70251.363	1.271	0.095	123.45799	1.19	ug/L
>	Sc-1	45	741574.523	2.168	741574.523			ug/L
	V	51	1905424.085	0.626	2.568	120.57963	1.74	mg/L
[	Mn	55	2801525.517	1.362	3.777	124.89307	0.88	ug/L
>	In	115	2210821.519	0.968	2210821.519			ug/L
	Sb	121	1652317.226	1.262	0.747	114.11307	0.71	ug/L
[	Sb	123	1293608.365	1.263	0.585	113.30854	2.22	ug/L
>	Ho	165	3029636.333	1.701	3029636.333			ug/L
[	Tl	205	5677041.889	1.147	1.874	122.58892	1.55	ug/L

Sample ID: STD 2 120 PPB

Report Date/Time: Friday, December 14, 2001 11:59:31

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		96.829			
	V	51					
[	Mn	55					
>	In	115		98.257			
	Sb	121					
[	Sb	123					
>	Ho	165		97.459			
[	Tl	205					

Sample ID: STD 2 120 PPB

Report Date/Time: Friday, December 14, 2001 11:59:31

Page 2

Method 200.8 - Summary Report

Sample ID: LFB

Sample Date/Time: Friday, December 14, 2001 12:04:10

Sample Type: Sample

Sample Description: 50 PPB

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\LFB.687

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	28990.008	0.476	0.040	52.42972	1.39	ug/L
>	Sc-1	45	720275.542	1.837	720275.542			ug/L
	V	51	803794.812	1.714	1.114	52.30431	2.19	mg/L
[	Mn	55	1114747.143	1.624	1.547	51.16155	3.46	ug/L
>	In	115	2146519.262	6.026	2146519.262			ug/L
	Sb	121	698383.817	0.280	0.326	49.80009	6.30	ug/L
[	Sb	123	549341.664	0.931	0.257	49.66687	5.99	ug/L
>	Ho	165	3038757.173	0.377	3038757.173			ug/L
[	Tl	205	2338070.343	0.449	0.769	50.31830	0.59	ug/L

Sample ID: LFB

Report Date/Time: Friday, December 14, 2001 12:04:46

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		94.048			
[	V	51					
[	Mn	55					
[>	In	115		95.399			
[	Sb	121					
[	Sb	123					
[>	Ho	165		97.752			
[	Tl	205					

Sample ID: LFB

Report Date/Time: Friday, December 14, 2001 12:04:46

Page 2

Method 200.8 - Summary Report

Sample ID: AD28470

Sample Date/Time: Friday, December 14, 2001 12:06:39

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28470.688

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	25.345	0.000	0.00135	855.45	ug/L
>	Sc-1	45	724170.590	2.983	724170.590			ug/L
	V	51	10538.325	1.510	0.012	0.57410	4.31	mg/L
[	Mn	55	1261276.400	1.535	1.741	57.57409	1.83	ug/L
>	In	115	1956710.200	0.550	1956710.200			ug/L
	Sb	121	1577.770	3.295	0.001	0.11742	3.43	ug/L
[	Sb	123	1243.087	0.694	0.001	0.11774	0.58	ug/L
>	Ho	165	3047094.460	0.741	3047094.460			ug/L
[	Tl	205	1094.053	4.673	0.000	0.00336	27.81	ug/L

Sample ID: AD28470

Report Date/Time: Friday, December 14, 2001 12:07:15

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		94.557			
	V	51					
[	Mn	55					
>	In	115		86.963			
	Sb	121					
[	Sb	123					
>	Ho	165		98.020			
[	Tl	205					

Sample ID: AD28470

Report Date/Time: Friday, December 14, 2001 12:07:15

Page 2

Method 200.8 - Summary Report

Sample ID: AD28470DUP

Sample Date/Time: Friday, December 14, 2001 12:17:51

Sample Type: Sample

Sample Description: 1:2

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28470DUP.689

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	8.921	0.000	0.00019	2495.68	ug/L
Sc-1	45	722624.765	2.775	722624.765			ug/L
V	51	9803.794	0.286	0.011	0.52773	3.64	mg/L
Mn	55	672674.907	0.653	0.930	30.75859	2.23	ug/L
In	115	2133961.809	6.148	2133961.809			ug/L
Sb	121	655.355	4.263	0.000	0.04137	11.29	ug/L
Sb	123	520.180	11.655	0.000	0.04198	12.43	ug/L
Ho	165	3133641.091	0.996	3133641.091			ug/L
Tl	205	901.371	1.903	-0.000	-0.00131	15.29	ug/L

$\frac{58}{2}$

$\frac{0.127}{2}$
LOD now

Sample ID: AD28470DUP

Report Date/Time: Friday, December 14, 2001 12:18:27

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		94.355			
[	V	51					
[	Mn	55					
[>	In	115		94.841			
[	Sb	121					
[	Sb	123					
[>	Ho	165		100.804			
[	Tl	205					

Sample ID: AD28470DUP

Report Date/Time: Friday, December 14, 2001 12:18:27

Page 2

Method 200.8 - Summary Report

Sample ID: AD28470SPK

Sample Date/Time: Friday, December 14, 2001 12:21:29

Sample Type: Sample

Sample Description: 1:2 SPK 50 PPB

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28470SPK.690

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	28301.961	1.472	0.040	52.09220	0.97	ug/L
>	Sc-1	45	707703.233	2.250	707703.233			ug/L
	V	51	803897.227	2.493	1.134	53.23735	1.93	mg/L
[	Mn	55	1678061.911	1.673	2.371	78.39211	2.69	ug/L
>	In	115	2048039.908	6.900	2048039.908			ug/L
	Sb	121	692344.189	0.310	0.339	51.77426	6.80	ug/L
[	Sb	123	540605.454	1.014	0.265	51.28537	7.62	ug/L
>	Ho	165	3071196.711	0.462	3071196.711			ug/L
[	Tl	205	2288420.542	1.325	0.745	48.73108	1.77	ug/L

$$\frac{50}{2} + 50 = 79 \checkmark$$

Sample ID: AD28470SPK

Report Date/Time: Friday, December 14, 2001 12:22:05

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		92.407			
	V	51					
[	Mn	55					
>	In	115		91.022			
	Sb	121					
[	Sb	123					
>	Ho	165		98.795			
[	Tl	205					

Sample ID: AD28470SPK

Report Date/Time: Friday, December 14, 2001 12:22:05

Page 2

Method 200.8 - Summary Report

Sample ID: AD28688

Sample Date/Time: Friday, December 14, 2001 12:24:11

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28688.691

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	22.667	29.375	0.000	0.00090	1466.60	ug/L
[>	Sc-1	45	691882.180	2.537	691882.180			ug/L
	V	51	13001.377	0.314	0.016	0.77308	2.82	mg/L
[	Mn	55	1286095.993	2.970	1.858	61.42442	0.59	ug/L
[>	In	115	1911281.156	1.136	1911281.156			ug/L
	Sb	121	1610.774	3.961	0.001	0.12300	4.32	ug/L
[	Sb	123	1254.131	4.878	0.001	0.12178	4.91	ug/L
[>	Ho	165	3034896.265	0.503	3034896.265			ug/L
[	Tl	205	1077.385	6.612	0.000	0.00310	49.99	ug/L

Sample ID: AD28688

Report Date/Time: Friday, December 14, 2001 12:24:47

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		90.341			
	V	51					
[	Mn	55					
>	In	115		84.944			
	Sb	121					
[	Sb	123					
>	Ho	165		97.628			
[	Tl	205					

Sample ID: AD28688

Report Date/Time: Friday, December 14, 2001 12:24:47

Page 2

Method 200.8 - Summary Report

Sample ID: AD28689

Sample Date/Time: Friday, December 14, 2001 12:27:16

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28689.692

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	21.137	-0.000	-0.00287	273.32	ug/L
>	Sc-1	45	710251.486	1.948	710251.486			ug/L
	V	51	6994.449	1.788	0.008	0.35280	2.63	mg/L
	Mn	55	526961.001	0.389	0.741	24.50487	1.92	ug/L
>	In	115	2145567.288	6.704	2145567.288			ug/L
	Sb	121	885.370	2.791	0.000	0.05743	5.02	ug/L
	Sb	123	684.268	4.293	0.000	0.05655	2.82	ug/L
>	Ho	165	3090004.425	0.564	3090004.425			ug/L
	Tl	205	876.036	3.392	-0.000	-0.00158	33.34	ug/L

Sample ID: AD28689

Report Date/Time: Friday, December 14, 2001 12:27:51

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		92.740			
[	V	51					
[	Mn	55					
[>	In	115		95.357			
[	Sb	121					
[	Sb	123					
[>	Ho	165		99.400			
[	Tl	205					

Sample ID: AD28689

Report Date/Time: Friday, December 14, 2001 12:27:51

Page 2

Method 200.8 - Summary Report

Sample ID: AD28690

Sample Date/Time: Friday, December 14, 2001 12:30:44

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28690.693

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	0.000	-0.000	-0.00533	10.26	ug/L
>	Sc-1	45	711332.316	1.500	711332.316			ug/L
	V	51	6082.689	1.836	0.006	0.29195	4.30	mg/L
[	Mn	55	529104.395	0.789	0.743	24.56382	1.25	ug/L
>	In	115	2051481.262	5.629	2051481.262			ug/L
	Sb	121	829.366	0.766	0.000	0.05615	5.68	ug/L
[	Sb	123	635.646	5.679	0.000	0.05492	10.84	ug/L
>	Ho	165	3074988.409	0.126	3074988.409			ug/L
[	Tl	205	900.037	2.921	-0.000	-0.00098	54.74	ug/L

Sample ID: AD28690

Report Date/Time: Friday, December 14, 2001 12:31:20

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		92.881			
	V	51					
[	Mn	55					
>	In	115		91.175			
	Sb	121					
[	Sb	123					
>	Ho	165		98.917			
[	Tl	205					

Sample ID: AD28690

Report Date/Time: Friday, December 14, 2001 12:31:20

Page 2

Method 200.8 - Summary Report

Sample ID: AD28692

Sample Date/Time: Friday, December 14, 2001 12:34:52

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28692.694

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	19.334	19.582	-0.000	-0.00602	110.86	ug/L
>	Sc-1	45	699717.680	1.246	699717.680			ug/L
	V	51	5594.818	1.347	0.006	0.26579	2.43	mg/L
[	Mn	55	527749.489	0.641	0.753	24.90719	0.98	ug/L
>	In	115	1944572.281	1.204	1944572.281			ug/L
	Sb	121	722.692	7.308	0.000	0.05106	8.45	ug/L
[	Sb	123	615.761	3.889	0.000	0.05603	3.02	ug/L
>	Ho	165	3006451.110	1.214	3006451.110			ug/L
[	Tl	205	878.703	5.067	-0.000	-0.00100	99.39	ug/L

Sample ID: AD28692

Report Date/Time: Friday, December 14, 2001 12:35:28

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		91.364			
	V	51					
[	Mn	55					
>	In	115		86.424			
	Sb	121					
[	Sb	123					
>	Ho	165		96.713			
[	Tl	205					

Sample ID: AD28692

Report Date/Time: Friday, December 14, 2001 12:35:28

Page 2

Method 200.8 - Summary Report

Sample ID: AD28693

Sample Date/Time: Friday, December 14, 2001 12:37:07

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28693.695

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	15.000	6.667	-0.000	-0.01412	14.41	ug/L
>	Sc-1	45	702035.962	1.644	702035.962			ug/L
	V	51	11744.610	1.024	0.014	0.67610	3.00	mg/L
	Mn	55	1233189.448	1.099	1.756	58.95250	0.96	ug/L
>	In	115	1938375.799	2.158	1938375.799			ug/L
	Sb	121	1040.048	2.656	0.000	0.07624	2.99	ug/L
	Sb	123	796.487	3.292	0.000	0.07430	3.51	ug/L
>	Ho	165	3070774.038	0.693	3070774.038			ug/L
	Tl	205	867.702	7.166	-0.000	-0.00164	86.92	ug/L

Sample ID: AD28693

Report Date/Time: Friday, December 14, 2001 12:37:43

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		91.667			
	V	51					
[	Mn	55					
>	In	115		86.148			
	Sb	121					
[	Sb	123					
>	Ho	165		98.782			
[	Tl	205					

Sample ID: AD28693

Report Date/Time: Friday, December 14, 2001 12:37:43

Page 2

Method 200.8 - Summary Report

Sample ID: AD28694

Sample Date/Time: Friday, December 14, 2001 12:39:08

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28694.696

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	30.136	-0.000	-0.00135	887.05	ug/L
[>	Sc-1	45	682961.624	1.450	682961.624			ug/L
	V	51	5798.234	0.730	0.006	0.28902	2.52	mg/L
[	Mn	55	529906.296	1.482	0.775	25.62362	1.53	ug/L
[>	In	115	1946598.550	1.309	1946598.550			ug/L
	Sb	121	732.693	1.522	0.000	0.05178	1.53	ug/L
[	Sb	123	546.133	2.535	0.000	0.04906	3.61	ug/L
[>	Ho	165	3028486.959	1.533	3028486.959			ug/L
[	Tl	205	801.364	6.829	-0.000	-0.00282	33.65	ug/L

Sample ID: AD28694

Report Date/Time: Friday, December 14, 2001 12:39:43

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		89.176			
	V	51					
[	Mn	55					
>	In	115		86.514			
	Sb	121					
[	Sb	123					
>	Ho	165		97.422			
[	Tl	205					

Sample ID: AD28694

Report Date/Time: Friday, December 14, 2001 12:39:43

Page 2

Method 200.8 - Summary Report

Sample ID: AD28649

Sample Date/Time: Friday, December 14, 2001 12:41:05

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28649.697

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	10.785	0.000	0.00339	137.65	ug/L
[>	Sc-1	45	670078.914	0.539	670078.914			ug/L
	V	51	11939.440	1.317	0.015	0.72702	1.66	mg/L
[	Mn	55	1237124.876	1.850	1.845	61.01111	1.65	ug/L
[>	In	115	1867595.452	1.441	1867595.452			ug/L
	Sb	121	1041.048	3.370	0.001	0.07940	2.43	ug/L
[	Sb	123	795.560	0.937	0.000	0.07722	1.32	ug/L
[>	Ho	165	3025323.091	1.105	3025323.091			ug/L
[	Tl	205	850.367	0.867	-0.000	-0.00174	14.66	ug/L

Sample ID: AD28649

Report Date/Time: Friday, December 14, 2001 12:41:40

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		87.494			
	V	51					
[	Mn	55					
>	In	115		83.003			
	Sb	121					
[	Sb	123					
>	Ho	165		97.320			
[	Tl	205					

Sample ID: AD28649

Report Date/Time: Friday, December 14, 2001 12:41:40

Page 2

Method 200.8 - Summary Report

Sample ID: AD28650

Sample Date/Time: Friday, December 14, 2001 12:43:43

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28650.698

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	21.000	25.198	-0.000	-0.00337	288.00	ug/L
[>	Sc-1	45	709015.393	1.328	709015.393			ug/L
[	V	51	6407.501	2.627	0.007	0.31479	5.10	mg/L
[	Mn	55	520548.425	2.372	0.733	24.24040	1.09	ug/L
[>	In	115	2231834.408	1.014	2231834.408			ug/L
[	Sb	121	734.693	1.397	0.000	0.04456	0.45	ug/L
[	Sb	123	584.414	1.825	0.000	0.04544	3.14	ug/L
[>	Ho	165	3171296.069	0.846	3171296.069			ug/L
[	Ti	205	910.038	3.077	-0.000	-0.00136	33.13	ug/L

Sample ID: AD28650

Report Date/Time: Friday, December 14, 2001 12:44:19

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		92.578			
	V	51					
[	Mn	55					
[>	In	115		99.191			
	Sb	121					
[	Sb	123					
[>	Ho	165		102.015			
[	Tl	205					

Sample ID: AD28650

Report Date/Time: Friday, December 14, 2001 12:44:19

Page 2

Method 200.8 - Summary Report

Sample ID: AD28651

Sample Date/Time: Friday, December 14, 2001 12:45:40

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\AD28651.699

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	20.830	-0.000	-0.00039	2176.31	ug/L
>	Sc-1	45	689291.001	0.251	689291.001			ug/L
	V	51	5731.874	2.346	0.006	0.28079	3.61	mg/L
[	Mn	55	536266.324	2.105	0.777	25.68123	2.10	ug/L
>	In	115	1961437.360	0.775	1961437.360			ug/L
	Sb	121	706.358	3.236	0.000	0.04929	3.83	ug/L
[	Sb	123	561.170	1.034	0.000	0.05013	0.44	ug/L
>	Ho	165	3095635.122	0.696	3095635.122			ug/L
[	Tl	205	864.035	6.540	-0.000	-0.00186	70.15	ug/L

Sample ID: AD28651

Report Date/Time: Friday, December 14, 2001 12:46:16

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		90.003			
	V	51					
[	Mn	55					
>	In	115		87.173			
	Sb	121					
[	Sb	123					
>	Ho	165		99.582			
[	Tl	205					

Sample ID: AD28651

Report Date/Time: Friday, December 14, 2001 12:46:16

Page 2

Method 200.8 - Summary Report

Sample ID: CAL BK

Sample Date/Time: Friday, December 14, 2001 12:48:23

Sample Type: Sample

Sample Description: CCV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\CAL BK.700

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	8.439	0.000	0.00370	12 100.21	ug/L
[>	Sc-1	45	703743.466	1.856	703743.466			ug/L
	V	51	3867.896	0.998	0.003	0.14843	3.39	mg/L
[	Mn	55	812.698	2.949	0.000	0.00540	11 11.40	ug/L
[>	In	115	1985170.526	0.183	1985170.526			ug/L
	Sb	121	140.002	4.684	0.000	0.00507	10.1 10.17	ug/L
[	Sb	123	114.415	9.042	0.000	0.00589	17.39	ug/L
[>	Ho	165	3080725.393	0.569	3080725.393			ug/L
[	Tl	205	914.705	2.710	-0.000	-0.00070	1 85.84	ug/L

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 12:48:58

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		91.890			
	V	51					
[	Mn	55					
>	In	115		88.228			
	Sb	121					
[	Sb	123					
>	Ho	165		99.102			
[	Tl	205					

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 12:48:58

Page 2

Method 200.8 - Summary Report

Sample ID: STD 1 60 PPB

Sample Date/Time: Friday, December 14, 2001 12:50:34

Sample Type: Sample

Sample Description: CCV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\STD 1 60 PPB.701

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	31335.979	0.997	0.046	59.99191	0.55	ug/L
>	Sc-1	45	680365.811	0.492	680365.811			ug/L
	V	51	909532.115	1.118	1.335	62.66950	1.41	mg/L
[	Mn	55	1228153.722	1.973	1.804	59.65151	1.71	ug/L
>	In	115	1958426.135	1.523	1958426.135			ug/L
	Sb	121	813555.054	1.185	0.415	63.43712	2.19	ug/L
[	Sb	123	636293.258	1.364	0.325	62.92135	2.71	ug/L
>	Ho	165	3034038.560	0.977	3034038.560			ug/L
[	Tl	205	2797158.906	1.071	0.922	60.29517	0.15	ug/L

Sample ID: STD 1 60 PPB

Report Date/Time: Friday, December 14, 2001 12:51:10

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		88.837			
	V	51					
L	Mn	55					
[>	In	115		87.039			
	Sb	121					
L	Sb	123					
[>	Ho	165		97.600			
L	Tl	205					

Sample ID: STD 1 60 PPB

Report Date/Time: Friday, December 14, 2001 12:51:10

Page 2

Method 200.8 - Summary Report

Sample ID: STD 2 120 PPB

Sample Date/Time: Friday, December 14, 2001 12:53:22

Sample Type: Sample

Sample Description: CCV

Number of Replicates: 3

Batch ID:

Method File: d:\Elandata\Method\NEWE200.8.mth

Dataset File: d:\Elandata\Dataset\daily performance\STD 2 120 PPB.702

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	62242.253	0.113	0.090	117.57022	0.98	ug/L
>	Sc-1	45	689868.050	1.091	689868.050			ug/L
	V	51	1758404.566	1.863	2.546	119.58172	1.10	mg/L
[	Mn	55	2548117.616	0.413	3.693	122.10796	1.48	ug/L
>	In	115	1973006.398	0.550	1973006.398			ug/L
	Sb	121	1588830.708	1.095	0.805	122.95996	1.40	ug/L
[	Sb	123	1248767.799	0.993	0.633	122.54816	0.84	ug/L
>	Ho	165	3051489.271	0.633	3051489.271			ug/L
[	Tl	205	5546810.007	0.671	1.817	118.90462	0.73	ug/L



Sample ID: STD 2 120 PPB

Report Date/Time: Friday, December 14, 2001 12:53:58

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		90.078			
	V	51					
[	Mn	55					
>	In	115		87.687			
	Sb	121					
[	Sb	123					
>	Ho	165		98.162			
[	Tl	205					

Sample ID: STD 2 120 PPB

Report Date/Time: Friday, December 14, 2001 12:53:58

Page 2