

Method 200.8 - Summary Report

Sample ID: AD27115

Sample Date/Time: Friday, December 14, 2001 13:30:01

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\AD27115.703

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

DATE ANALYZED	12/14/01
TIME ANALYZED	1:30
ANALYST INITIALS	LD
REVIEWED BY	JS

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	22.667	17.830	-0.000	-0.00024	2815.10	ug/L
[>	Sc-1	45	706307.062	1.990	706307.062			ug/L
	V	51	11400.328	0.835	0.014	0.64836	1.47	mg/L
[	Mn	55	1011759.664	0.639	1.432	47.34479	2.30	ug/L
[>	In	115	1957454.618	0.840	1957454.618			ug/L
	Sb	121	1319.407	2.941	0.001	0.09722	2.78	ug/L
[	Sb	123	1010.460	3.960	0.000	0.09469	4.53	ug/L
[>	Ho	165	3162091.189	1.121	3162091.189			ug/L
[	Tl	205	1021.380	3.439	0.000	0.00101	95.39	ug/L

Cont.
Reviewed by,
JS 1/13/02

Sample ID: AD27115

Report Date/Time: Friday, December 14, 2001 13:30:36

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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		92.224			
	V	51					
[	Mn	55					
[>	In	115		86.996			
	Sb	121					
[	Sb	123					
[>	Ho	165		101.719			
[	Tl	205					

Sample ID: AD27115

Report Date/Time: Friday, December 14, 2001 13:30:36

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Method 200.8 - Summary Report

Sample ID: AD27115DUP

Sample Date/Time: Friday, December 14, 2001 13:33:06

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\AD27115DUP.704

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	36.324	0.000	0.00154	1020.61	ug/L
[>	Sc-1	45	718419.322	0.934	718419.322			ug/L
[	V	51	8306.165	2.646	0.009	0.43317	2.52	mg/L
[	Mn	55	533621.425	1.217	0.742	24.52618	0.47	ug/L
[>	In	115	2118841.328	6.248	2118841.328			ug/L
[	Sb	121	669.689	5.865	0.000	0.04281	14.19	ug/L
[	Sb	123	525.963	6.151	0.000	0.04284	5.67	ug/L
[>	Ho	165	3147052.927	0.479	3147052.927			ug/L
[	Tl	205	906.371	2.050	-0.000	-0.00129	29.52	ug/L

$\frac{47}{2} = 23.5$

Sample ID: AD27115DUP

Report Date/Time: Friday, December 14, 2001 13:33:42

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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		93.806			
	V	51					
[	Mn	55					
>	In	115		94.169			
	Sb	121					
[	Sb	123					
>	Ho	165		101.236			
[	Tl	205					

Sample ID: AD27115DUP

Report Date/Time: Friday, December 14, 2001 13:33:42

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Method 200.8 - Summary Report

Sample ID: AD27115SPK

Sample Date/Time: Friday, December 14, 2001 13:35:29

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\AD27115SPK.705

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	28200.422	0.385	0.040	52.45079	0.17	ug/L
[>	Sc-1	45	700258.382	0.347	700258.382			ug/L
	V	51	778850.003	2.511	1.110	52.11927	2.35	mg/L
[	Mn	55	1508335.253	1.496	2.153	71.18765	1.56	ug/L
[>	In	115	2051717.642	5.702	2051717.642			ug/L
	Sb	121	708191.426	0.164	0.346	52.80772	5.40	ug/L
[	Sb	123	553950.509	0.732	0.270	52.37316	5.04	ug/L
[>	Ho	165	3152001.415	0.745	3152001.415			ug/L
[	Tl	205	2289712.906	0.266	0.726	47.50670	0.48	ug/L

$$\frac{47}{2} + 50 = 73.5$$

Sample ID: AD27115SPK

Report Date/Time: Friday, December 14, 2001 13:36:04

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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		91.435			
	V	51					
[	Mn	55					
[>	In	115		91.186			
	Sb	121					
[	Sb	123					
[>	Ho	165		101.395			
[	Tl	205					

Sample ID: AD27115SPK

Report Date/Time: Friday, December 14, 2001 13:36:04

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Method 200.8 - Summary Report

Sample ID: AD27116

Sample Date/Time: Friday, December 14, 2001 13:38:58

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\AD27116.706

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	10.341	-0.000	-0.00005	8938.61	ug/L
>	Sc-1	45	694905.851	1.409	694905.851			ug/L
	V	51	5345.720	0.854	0.005	0.25154	0.89	mg/L
[	Mn	55	517714.811	0.163	0.744	24.60353	1.24	ug/L
>	In	115	2030694.646	6.225	2030694.646			ug/L
	Sb	121	2047.834	6.386	0.001	0.14853	7.53	ug/L
[	Sb	123	1640.689	11.762	0.001	0.15121	11.13	ug/L
>	Ho	165	3069814.990	0.860	3069814.990			ug/L
[	Tl	205	1359.412	5.892	0.000	0.00884	18.53	ug/L

Sample ID: AD27116

Report Date/Time: Friday, December 14, 2001 13:39:34

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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		90.736			
	V	51					
[	Mn	55					
[>	In	115		90.251			
	Sb	121					
[	Sb	123					
[>	Ho	165		98.751			
[	Tl	205					

Sample ID: AD27116

Report Date/Time: Friday, December 14, 2001 13:39:34

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Method 200.8 - Summary Report

Sample ID: AD27117

Sample Date/Time: Friday, December 14, 2001 13:41:06

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\AD27117.707

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	17.667	8.646	-0.000	-0.00861	37.28	ug/L
>	Sc-1	45	690414.965	1.261	690414.965			ug/L
	V	51	12010.501	1.902	0.015	0.70715	0.78	mg/L
[	Mn	55	938590.771	1.341	1.359	44.92243	1.97	ug/L
>	In	115	1942181.906	0.659	1942181.906			ug/L
	Sb	121	1460.089	1.922	0.001	0.10910	2.71	ug/L
[	Sb	123	1155.091	3.100	0.001	0.10901	3.89	ug/L
>	Ho	165	3091959.597	0.538	3091959.597			ug/L
[	Tl	205	1004.379	1.740	0.000	0.00113	41.22	ug/L

Sample ID: AD27117

Report Date/Time: Friday, December 14, 2001 13:41:42

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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		90.149			
	V	51					
[	Mn	55					
>	In	115		86.317			
	Sb	121					
[	Sb	123					
>	Ho	165		99.463			
[	Tl	205					

Sample ID: AD27117

Report Date/Time: Friday, December 14, 2001 13:41:42

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Method 200.8 - Summary Report

Sample ID: AD27118

Sample Date/Time: Friday, December 14, 2001 13:43:23

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\AD27118.708

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	19.555	-0.000	-0.00298	254.91	ug/L
>	Sc-1	45	690545.203	0.678	690545.203			ug/L
	V	51	5894.942	3.112	0.006	0.29122	5.17	mg/L
	Mn	55	536506.396	1.109	0.776	25.65720	1.49	ug/L
[>	In	115	1957248.364	0.386	1957248.364			ug/L
	Sb	121	941.374	1.913	0.000	0.06774	1.72	ug/L
	Sb	123	761.733	0.979	0.000	0.07009	1.41	ug/L
[>	Ho	165	3049138.616	0.598	3049138.616			ug/L
	Tl	205	905.371	2.553	-0.000	-0.00070	79.73	ug/L

Sample ID: AD27118

Report Date/Time: Friday, December 14, 2001 13:43:58

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		90.166			
[	V	51					
[	Mn	55					
[>	In	115		86.987			
[	Sb	121					
[	Sb	123					
[>	Ho	165		98.086			
[	Tl	205					

Sample ID: AD27118

Report Date/Time: Friday, December 14, 2001 13:43:58

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Method 200.8 - Summary Report

Sample ID: AD27274

Sample Date/Time: Friday, December 14, 2001 13:45:28

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\AD27274.709

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	16.609	0.000	0.00404	188.35	ug/L
>	Sc-1	45	689090.272	0.581	689090.272			ug/L
	V	51	5396.740	1.851	0.005	0.25808	3.30	mg/L
	Mn	55	504758.221	2.202	0.731	24.18536	1.62	ug/L
[>	In	115	1952084.979	1.041	1952084.979			ug/L
	Sb	121	860.035	5.283	0.000	0.06156	5.32	ug/L
	Sb	123	679.013	1.896	0.000	0.06208	1.52	ug/L
[>	Ho	165	3097244.246	1.416	3097244.246			ug/L
	Tl	205	901.371	3.424	-0.000	-0.00108	79.99	ug/L

Sample ID: AD27274

Report Date/Time: Friday, December 14, 2001 13:46:03

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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		89.976			
	V	51					
[	Mn	55					
>	In	115		86.758			
	Sb	121					
[	Sb	123					
>	Ho	165		99.633			
[	Tl	205					

Sample ID: AD27274

Report Date/Time: Friday, December 14, 2001 13:46:03

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Method 200.8 - Summary Report

Sample ID: AD27275

Sample Date/Time: Friday, December 14, 2001 13:47:40

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\AD27275.710

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	22.328	0.000	0.00452	229.74	ug/L
[>	Sc-1	45	691409.750	0.014	691409.750			ug/L
[	V	51	12247.704	1.413	0.015	0.72213	1.62	mg/L
[	Mn	55	1052430.815	0.717	1.521	50.29627	0.72	ug/L
[>	In	115	1943639.271	1.874	1943639.271			ug/L
[	Sb	121	1110.721	3.145	0.001	0.08157	3.44	ug/L
[	Sb	123	889.790	3.348	0.000	0.08343	5.58	ug/L
[>	Ho	165	3065956.554	1.115	3065956.554			ug/L
[	Tl	205	853.034	2.938	-0.000	-0.00193	17.69	ug/L

Sample ID: AD27275

Report Date/Time: Friday, December 14, 2001 13:48:16

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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		90.279			
	V	51					
[	Mn	55					
>	In	115		86.382			
	Sb	121					
[	Sb	123					
>	Ho	165		98.627			
[	Tl	205					

Sample ID: AD27275

Report Date/Time: Friday, December 14, 2001 13:48:16

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Method 200.8 - Summary Report

Sample ID: AD27276

Sample Date/Time: Friday, December 14, 2001 13:51:58

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\AD27276.711

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	16.366	-0.000	-0.00736	69.19	ug/L
>	Sc-1	45	701771.523	1.671	701771.523			ug/L
	V	51	6572.245	2.586	0.007	0.33023	5.17	mg/L
[	Mn	55	514929.603	0.536	0.733	24.23308	1.80	ug/L
[>	In	115	2032999.051	6.414	2032999.051			ug/L
	Sb	121	769.695	2.222	0.000	0.05232	9.25	ug/L
[	Sb	123	597.675	2.260	0.000	0.05186	9.15	ug/L
[>	Ho	165	3046004.409	2.714	3046004.409			ug/L
[	Tl	205	836.700	2.485	-0.000	-0.00216	1.99	ug/L

Sample ID: AD27276

Report Date/Time: Friday, December 14, 2001 13:52:34

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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		91.632			
	V	51					
[	Mn	55					
[>	In	115		90.354			
	Sb	121					
[	Sb	123					
[>	Ho	165		97.985			
[	Tl	205					

Sample ID: AD27276

Report Date/Time: Friday, December 14, 2001 13:52:34

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Method 200.8 - Summary Report

Sample ID: AD27288

Sample Date/Time: Friday, December 14, 2001 13:54:25

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\AD27288.712

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	21.166	0.000	0.00461	207.51	ug/L
>	Sc-1	45	698749.850	0.895	698749.850			ug/L
	V	51	6463.527	0.855	0.007	0.32470	2.19	mg/L
[	Mn	55	610766.263	1.263	0.873	28.87136	1.99	ug/L
[>	In	115	2127406.042	5.701	2127406.042			ug/L
	Sb	121	760.028	4.241	0.000	0.04892	5.35	ug/L
[	Sb	123	606.100	2.795	0.000	0.05000	6.07	ug/L
[>	Ho	165	3108644.059	0.099	3108644.059			ug/L
[	Tl	205	896.037	6.141	-0.000	-0.00127	91.10	ug/L

Sample ID: AD27288

Report Date/Time: Friday, December 14, 2001 13:55:00

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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		91.238			
	V	51					
[	Mn	55					
>	In	115		94.549			
	Sb	121					
[	Sb	123					
>	Ho	165		100.000			
[	Tl	205					

Sample ID: AD27288

Report Date/Time: Friday, December 14, 2001 13:55:00

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Method 200.8 - Summary Report

Sample ID: AD27289

Sample Date/Time: Friday, December 14, 2001 13:56:36

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\AD27289.713

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	29.813	-0.000	-0.00100	1206.65	ug/L
>	Sc-1	45	709923.465	0.686	709923.465			ug/L
	V	51	5730.873	1.728	0.006	0.26938	2.91	mg/L
L	Mn	55	538879.157	1.615	0.758	25.06513	1.40	ug/L
[>	In	115	1982887.661	0.211	1982887.661			ug/L
	Sb	121	745.027	3.487	0.000	0.05167	3.73	ug/L
L	Sb	123	545.811	7.099	0.000	0.04803	8.01	ug/L
[>	Ho	165	3080542.481	1.036	3080542.481			ug/L
L	Tl	205	872.369	1.204	-0.000	-0.00160	16.60	ug/L

Sample ID: AD27289

Report Date/Time: Friday, December 14, 2001 13:57:12

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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		92.697			
	V	51					
[	Mn	55					
[>	In	115		88.127			
	Sb	121					
[	Sb	123					
[>	Ho	165		99.096			
[	Tl	205					

Sample ID: AD27289

Report Date/Time: Friday, December 14, 2001 13:57:12

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Method 200.8 - Summary Report

Sample ID: AD27290

Sample Date/Time: Friday, December 14, 2001 13:58:34

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\AD27290.714

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	18.619	-0.000	-0.00461	143.93	ug/L
[>	Sc-1	45	708335.269	1.105	708335.269			ug/L
	V	51	12096.574	1.633	0.015	0.69233	2.61	mg/L
[	Mn	55	1073786.334	1.075	1.515	50.09078	0.31	ug/L
[>	In	115	1950790.909	1.093	1950790.909			ug/L
	Sb	121	1010.713	1.489	0.000	0.07342	2.73	ug/L
[	Sb	123	755.478	2.215	0.000	0.06973	3.54	ug/L
[>	Ho	165	3133888.269	0.369	3133888.269			ug/L
[	Tl	205	844.367	2.843	-0.000	-0.00250	18.16	ug/L

Sample ID: AD27290

Report Date/Time: Friday, December 14, 2001 13:59:10

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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		92.489			
	V	51					
[	Mn	55					
[>	In	115		86.700			
	Sb	121					
[	Sb	123					
[>	Ho	165		100.812			
[	Tl	205					

Sample ID: AD27290

Report Date/Time: Friday, December 14, 2001 13:59:10

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Method 200.8 - Summary Report

Sample ID: CAL BK

Sample Date/Time: Friday, December 14, 2001 14:01:12

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.715

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	34.510	0.000	0.00169	857.37	ug/L
>	Sc-1	45	683752.966	1.966	683752.966			ug/L
	V	51	4188.989	1.816	0.004	0.17806	4.58	mg/L
[	Mn	55	755.694	2.383	0.000	0.00377	32.46	ug/L
>	In	115	1938755.609	1.944	1938755.609			ug/L
	Sb	121	171.669	13.802	0.000	0.00781	22.51	ug/L
[	Sb	123	126.325	6.782	0.000	0.00734	8.41	ug/L
>	Ho	165	3024094.620	0.442	3024094.620			ug/L
[	Tl	205	884.036	0.792	-0.000	-0.00100	17.79	ug/L

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 14:01:48

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		89.280			
[	V	51					
[	Mn	55					
[>	In	115		86.165			
[	Sb	121					
[	Sb	123					
[>	Ho	165		97.280			
[	Tl	205					

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 14:01:48

Page 2

Method 200.8 - Summary Report

Sample ID: STD 1 60 PPB

Sample Date/Time: Friday, December 14, 2001 14:04:38

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.716

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	31644.995	0.864	0.046	60.46108	0.58	ug/L
>	Sc-1	45	681752.609	0.450	681752.609			ug/L
	V	51	917604.422	1.044	1.344	63.09543	0.86	mg/L
[	Mn	55	1240787.261	2.431	1.819	60.14443	2.41	ug/L
[>	In	115	1942935.802	0.184	1942935.802			ug/L
	Sb	121	815009.665	0.546	0.419	64.04479	0.41	ug/L
[	Sb	123	632811.904	1.827	0.326	63.06103	1.98	ug/L
[>	Ho	165	2982205.497	1.331	2982205.497			ug/L
[	Tl	205	2794392.480	0.594	0.937	61.28916	1.24	ug/L

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Sample ID: STD 1 60 PPB

Report Date/Time: Friday, December 14, 2001 14:05:13

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		89.018			
	V	51					
[	Mn	55					
>	In	115		86.351			
	Sb	121					
[	Sb	123					
>	Ho	165		95.933			
[	Tl	205					

Sample ID: STD 1 60 PPB

Report Date/Time: Friday, December 14, 2001 14:05:13

Page 2

Method 200.8 - Summary Report

Sample ID: STD 2 120 PPB

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

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.717

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	62425.078	1.768	0.092	119.78486	1.66	ug/L
>	Sc-1	45	679050.507	0.188	679050.507			ug/L
{	V	51	1777057.378	1.314	2.615	122.78147	1.17	mg/L
[	Mn	55	2576142.031	0.436	3.793	125.40474	0.32	ug/L
[>	In	115	1941169.676	0.554	1941169.676			ug/L
	Sb	121	1572757.450	1.454	0.810	123.71321	1.76	ug/L
[	Sb	123	1248887.762	1.000	0.643	124.57170	1.05	ug/L
[>	Ho	165	3046543.255	1.257	3046543.255			ug/L
[	Tl	205	5567820.515	1.489	1.827	119.54499	0.37	ug/L

Sample ID: STD 2 120 PPB

Report Date/Time: Friday, December 14, 2001 14:08:03

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		88.666			
[	V	51					
[	Mn	55					
] >	In	115		86.272			
[	Sb	121					
[	Sb	123					
] >	Ho	165		98.002			
[	Tl	205					

Sample ID: STD 2 120 PPB

Report Date/Time: Friday, December 14, 2001 14:08:03

Page 2

Method 200.8 - Summary Report

Sample ID: AD27490

Sample Date/Time: Friday, December 14, 2001 14:10:28

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\AD27490.718

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	10.073	-0.000	-0.00184	196.95	ug/L
>	Sc-1	45	670770.506	1.246	670770.506			ug/L
	V	51	4076.289	1.419	0.004	0.17569	3.38	mg/L
[	Mn	55	495302.233	1.352	0.737	24.38264	0.90	ug/L
[>	In	115	1922980.336	1.572	1922980.336			ug/L
	Sb	121	1538.098	6.192	0.001	0.11647	7.05	ug/L
[	Sb	123	1205.593	3.386	0.001	0.11616	4.59	ug/L
[>	Ho	165	3028988.729	0.840	3028988.729			ug/L
[	Tl	205	1375.080	4.639	0.000	0.00958	15.92	ug/L

Sample ID: AD27490

Report Date/Time: Friday, December 14, 2001 14:11:04

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		87.584			
[	V	51					
[	Mn	55					
] >	In	115		85.464			
[	Sb	121					
[	Sb	123					
] >	Ho	165		97.438			
[	Tl	205					

Sample ID: AD27490

Report Date/Time: Friday, December 14, 2001 14:11:04

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Method 200.8 - Summary Report

Sample ID: AD27490DUP

Sample Date/Time: Friday, December 14, 2001 14:13:52

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\AD27490DUP.719

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	10.962	0.000	0.00839	58.07	ug/L
[>	Sc-1	45	680862.463	1.739	680862.463			ug/L
	V	51	3730.524	2.012	0.003	0.14757	1.10	mg/L
[	Mn	55	257664.183	0.587	0.378	12.48290	2.04	ug/L
[>	In	115	1933462.690	1.041	1933462.690			ug/L
	Sb	121	679.023	5.375	0.000	0.04795	7.13	ug/L
[	Sb	123	506.883	1.372	0.000	0.04550	1.93	ug/L
[>	Ho	165	3061094.578	1.488	3061094.578			ug/L
[	Tl	205	991.044	2.449	0.000	0.00105	41.77	ug/L

Sample ID: AD27490DUP

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

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		88.902			
	V	51					
[	Mn	55					
[>	In	115		85.930			
	Sb	121					
[	Sb	123					
[>	Ho	165		98.470			
[	Tl	205					

Sample ID: AD27490DUP

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

Page 2

Method 200.8 - Summary Report

Sample ID: AD27490SPK

Sample Date/Time: Friday, December 14, 2001 14:19:55

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\AD27490SPK.720

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	27421.567	0.572	0.041	53.19093	1.12	ug/L
[>	Sc-1	45	671489.035	0.888	671489.035			ug/L
	V	51	752677.360	1.880	1.119	52.53464	2.57	mg/L
[	Mn	55	1249771.094	0.096	1.860	61.50976	0.91	ug/L
[>	In	115	1936746.914	1.798	1936746.914			ug/L
	Sb	121	685722.545	0.830	0.354	54.07298	2.56	ug/L
[	Sb	123	536448.276	0.643	0.277	53.64241	2.40	ug/L
[>	Ho	165	3066863.694	0.371	3066863.694			ug/L
[	Ti	205	2308750.320	0.860	0.753	49.23140	0.91	ug/L

12 + 50 = 62



Sample ID: AD27490SPK

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

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		87.678			
	V	51					
[	Mn	55					
>	In	115		86.076			
	Sb	121					
[	Sb	123					
>	Ho	165		98.656			
[	Tl	205					

Sample ID: AD27490SPK

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

Page 2

Method 200.8 - Summary Report

Sample ID: AD27491

Sample Date/Time: Friday, December 14, 2001 14:23:00

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\AD27491.721

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	30.963	0.000	0.00531	286.28	ug/L
[>	Sc-1	45	681279.226	1.507	681279.226			ug/L
	V	51	4186.989	1.887	0.004	0.17898	5.39	mg/L
[	Mn	55	504239.787	0.917	0.739	24.44084	0.59	ug/L
[>	In	115	1923051.501	0.918	1923051.501			ug/L
	Sb	121	1160.725	3.095	0.001	0.08646	3.09	ug/L
[	Sb	123	926.962	3.743	0.000	0.08806	3.80	ug/L
[>	Ho	165	3014360.781	0.253	3014360.781			ug/L
[	Tl	205	988.711	0.940	0.000	0.00133	18.92	ug/L

Sample ID: AD27491

Report Date/Time: Friday, December 14, 2001 14:23:36

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		88.957			
	V	51					
[	Mn	55					
[>	In	115		85.467			
	Sb	121					
[	Sb	123					
[>	Ho	165		96.967			
[	Tl	205					

Sample ID: AD27491

Report Date/Time: Friday, December 14, 2001 14:23:36

Page 2

Method 200.8 - Summary Report

Sample ID: AD27492

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

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\AD27492.722

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	6.278	0.000	0.00461	68.37	ug/L
>	Sc-1	45	680856.704	0.938	680856.704			ug/L
	V	51	10970.990	2.745	0.014	0.64712	4.19	mg/L
[	Mn	55	1069507.682	1.620	1.570	51.91118	2.23	ug/L
>	In	115	1891924.813	2.014	1891924.813			ug/L
	Sb	121	1227.065	3.106	0.001	0.09339	5.23	ug/L
[	Sb	123	968.578	0.570	0.000	0.09389	2.72	ug/L
>	Ho	165	3040136.422	0.426	3040136.422			ug/L
[	Tl	205	908.705	2.447	-0.000	-0.00057	69.30	ug/L

Sample ID: AD27492

Report Date/Time: Friday, December 14, 2001 14:25:49

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		88.901			
	V	51					
[	Mn	55					
>	In	115		84.084			
	Sb	121					
[	Sb	123					
>	Ho	165		97.796			
[	Tl	205					

Sample ID: AD27492

Report Date/Time: Friday, December 14, 2001 14:25:49

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Method 200.8 - Summary Report

Sample ID: AD27508

Sample Date/Time: Friday, December 14, 2001 14:27:46

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\AD27508.723

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	17.667	11.783	-0.000	-0.00976	34.22	ug/L
[>	Sc-1	45	714084.355	1.500	714084.355			ug/L
	V	51	5762.553	1.503	0.006	0.26926	1.99	mg/L
[	Mn	55	484255.249	0.802	0.677	22.39178	1.03	ug/L
[>	In	115	2074341.101	7.831	2074341.101			ug/L
	Sb	121	1079.718	0.880	0.000	0.07412	8.92	ug/L
[	Sb	123	830.701	3.250	0.000	0.07254	7.83	ug/L
[>	Ho	165	3148224.547	0.674	3148224.547			ug/L
[	Tl	205	905.371	2.915	-0.000	-0.00131	32.22	ug/L

Sample ID: AD27508

Report Date/Time: Friday, December 14, 2001 14:28:22

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		93.240			
	V	51					
[	Mn	55					
[>	In	115		92.191			
	Sb	121					
[	Sb	123					
[>	Ho	165		101.273			
[	Tl	205					

Sample ID: AD27508

Report Date/Time: Friday, December 14, 2001 14:28:22

Page 2

Method 200.8 - Summary Report

Sample ID: AD27509

Sample Date/Time: Friday, December 14, 2001 14:29:43

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\AD27509.724

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	7.873	-0.000	-0.00135	240.11	ug/L
[>	Sc-1	45	705843.788	0.628	705843.788			ug/L
	V	51	12651.728	2.322	0.016	0.73194	1.96	mg/L
[	Mn	55	1172551.711	1.377	1.660	54.89856	2.00	ug/L
[>	In	115	1949221.771	1.534	1949221.771			ug/L
	Sb	121	1131.056	2.875	0.001	0.08292	3.53	ug/L
[	Sb	123	880.080	2.832	0.000	0.08219	4.64	ug/L
[>	Ho	165	3109736.583	1.754	3109736.583			ug/L
[	Tl	205	914.705	2.723	-0.000	-0.00089	21.77	ug/L

Sample ID: AD27509

Report Date/Time: Friday, December 14, 2001 14:30:18

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		92.164			
	V	51					
[	Mn	55					
>	In	115		86.630			
	Sb	121					
[	Sb	123					
>	Ho	165		100.035			
[	Tl	205					

Sample ID: AD27509

Report Date/Time: Friday, December 14, 2001 14:30:18

Page 2

Method 200.8 - Summary Report

Sample ID: AD27569

Sample Date/Time: Friday, December 14, 2001 14:31:56

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\AD27569.725

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	17.391	0.000	0.00113	647.76	ug/L
>	Sc-1	45	695027.533	1.149	695027.533			ug/L
	V	51	5998.986	1.880	0.006	0.29563	2.82	mg/L
[	Mn	55	609230.154	1.727	0.876	28.95524	2.66	ug/L
>	In	115	2043155.746	8.499	2043155.746			ug/L
	Sb	121	774.362	0.637	0.000	0.05242	8.32	ug/L
[	Sb	123	582.765	1.633	0.000	0.05018	8.15	ug/L
>	Ho	165	3102400.363	1.231	3102400.363			ug/L
[	Tl	205	881.036	2.755	-0.000	-0.00155	36.96	ug/L

Sample ID: AD27569

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

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		90.752			
	V	51					
[	Mn	55					
[>	In	115		90.805			
	Sb	121					
[	Sb	123					
[>	Ho	165		99.799			
[	Tl	205					

Sample ID: AD27569

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

Page 2

Method 200.8 - Summary Report

Sample ID: AD27570

Sample Date/Time: Friday, December 14, 2001 14:34:08

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\AD27570.726

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	17.334	28.459	-0.000	-0.00891	107.16	ug/L
>	Sc-1	45	683699.785	0.448	683699.785			ug/L
	V	51	11731.266	0.972	0.015	0.69606	1.44	mg/L
[	Mn	55	1120517.763	0.407	1.638	54.15720	0.57	ug/L
>	In	115	1870292.069	1.040	1870292.069			ug/L
	Sb	121	1032.381	2.132	0.001	0.07859	2.69	ug/L
[	Sb	123	761.266	4.724	0.000	0.07352	4.02	ug/L
>	Ho	165	3037157.936	1.345	3037157.936			ug/L
[	Tl	205	831.699	2.468	-0.000	-0.00221	30.37	ug/L

Sample ID: AD27570

Report Date/Time: Friday, December 14, 2001 14:34:44

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		89.273			
	V	51					
[	Mn	55					
>	In	115		83.122			
	Sb	121					
[	Sb	123					
>	Ho	165		97.700			
[	Tl	205					

Sample ID: AD27570

Report Date/Time: Friday, December 14, 2001 14:34:44

Page 2

Method 200.8 - Summary Report

Sample ID: AD27571

Sample Date/Time: Friday, December 14, 2001 14:36:39

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\AD27571.727

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	17.221	-0.000	-0.00576	115.95	ug/L
>	Sc-1	45	672761.224	1.475	672761.224			ug/L
	V	51	5812.908	2.778	0.006	0.29619	5.75	mg/L
[	Mn	55	548470.084	1.000	0.814	26.92474	0.85	ug/L
[>	In	115	1919651.410	1.480	1919651.410			ug/L
	Sb	121	738.360	2.304	0.000	0.05304	3.21	ug/L
[	Sb	123	588.341	6.169	0.000	0.05405	5.17	ug/L
[>	Ho	165	2976577.272	1.020	2976577.272			ug/L
[	Tl	205	826.699	6.112	-0.000	-0.00196	47.34	ug/L

Sample ID: AD27571

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

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		87.844			
	V	51					
[	Mn	55					
>	In	115		85.316			
	Sb	121					
[	Sb	123					
>	Ho	165		95.752			
[	Tl	205					

Sample ID: AD27571

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

Page 2

Method 200.8 - Summary Report

Sample ID: AD27764

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

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\AD27764.728

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	18.952	0.000	0.00059	1475.88	ug/L
>	Sc-1	45	705908.924	1.789	705908.924			ug/L
	V	51	5499.113	0.619	0.005	0.25619	3.20	mg/L
[	Mn	55	690740.311	0.377	0.978	32.32690	1.52	ug/L
[>	In	115	2076817.704	7.506	2076817.704			ug/L
	Sb	121	722.359	2.749	0.000	0.04767	10.91	ug/L
[	Sb	123	543.848	2.174	0.000	0.04561	8.24	ug/L
[>	Ho	165	3169753.683	1.455	3169753.683			ug/L
[	Tl	205	911.705	1.398	-0.000	-0.00131	31.27	ug/L

Sample ID: AD27764

Report Date/Time: Friday, December 14, 2001 14:41:20

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		92.173			
	V	51					
[	Mn	55					
>	In	115		92.301			
	Sb	121					
[	Sb	123					
>	Ho	165		101.966			
[	Tl	205					

Sample ID: AD27764

Report Date/Time: Friday, December 14, 2001 14:41:20

Page 2

Method 200.8 - Summary Report

Sample ID: AD27765

Sample Date/Time: Friday, December 14, 2001 14:42:48

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\AD27765.729

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	32.746	-0.000	-0.00354	365.28	ug/L
[>	Sc-1	45	691341.805	1.227	691341.805			ug/L
	V	51	5156.982	2.050	0.005	0.24054	1.20	mg/L
[	Mn	55	500755.702	1.967	0.724	23.92265	3.15	ug/L
[>	In	115	1945574.263	1.693	1945574.263			ug/L
	Sb	121	668.022	2.215	0.000	0.04675	4.41	ug/L
[	Sb	123	547.678	1.766	0.000	0.04924	0.87	ug/L
[>	Ho	165	3083768.144	1.198	3083768.144			ug/L
[	Tl	205	863.701	3.774	-0.000	-0.00180	45.31	ug/L

Sample ID: AD27765

Report Date/Time: Friday, December 14, 2001 14:43:24

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		90.270			
[	V	51					
[	Mn	55					
[>	In	115		86.468			
[	Sb	121					
[	Sb	123					
[>	Ho	165		99.200			
[	Tl	205					

Sample ID: AD27765

Report Date/Time: Friday, December 14, 2001 14:43:24

Page 2

Method 200.8 - Summary Report

Sample ID: CAL BK

Sample Date/Time: Friday, December 14, 2001 14:47:55

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.730

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	14.321	-0.000	-0.00092	699.03	ug/L
>	Sc-1	45	678044.896	2.210	678044.896			ug/L
	V	51	3538.807	3.663	0.003	0.13558	10.68	mg/L
[	Mn	55	762.695	5.594	0.000	0.00445	64.97	ug/L
>	In	115	1935396.372	1.790	1935396.372			ug/L
	Sb	121	126.335	6.732	0.000	0.00426	13.35	ug/L
[	Sb	123	121.500	5.738	0.000	0.00688	7.42	ug/L
>	Ho	165	3011567.679	1.676	3011567.679			ug/L
[	Tl	205	850.034	5.284	-0.000	-0.00165	73.78	ug/L

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 14:48:31

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		88.534			
[	V	51					
[	Mn	55					
[>	In	115		86.016			
[	Sb	121					
[	Sb	123					
[>	Ho	165		96.877			
[	Ti	205					

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 14:48:31

Page 2

Method 200.8 - Summary Report

Sample ID: STD 1 60 PPB

Sample Date/Time: Friday, December 14, 2001 14:50:05

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.731

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	31116.507	2.214	0.046	60.02163	2.56	ug/L
>	Sc-1	45	675341.982	1.138	675341.982			ug/L
	V	51	893127.877	2.230	1.320	61.98863	1.11	mg/L
[	Mn	55	1221706.173	1.904	1.808	59.78002	1.30	ug/L
>	In	115	1920641.609	2.416	1920641.609			ug/L
	Sb	121	794167.336	0.720	0.414	63.15909	2.79	ug/L
[	Sb	123	621524.731	0.317	0.324	62.68091	2.68	ug/L
>	Ho	165	2986511.324	0.448	2986511.324			ug/L
[	Tl	205	2756655.457	1.656	0.923	60.37185	2.10	ug/L

Sample ID: STD 1 60 PPB

Report Date/Time: Friday, December 14, 2001 14:50:41

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		88.181			
[	V	51					
[	Mn	55					
[>	In	115		85.360			
[	Sb	121					
[	Sb	123					
[>	Ho	165		96.071			
[	Tl	205					

Sample ID: STD 1 60 PPB

Report Date/Time: Friday, December 14, 2001 14:50:41

Page 2

Method 200.8 - Summary Report

Sample ID: STD 2 120 PPB

Sample Date/Time: Friday, December 14, 2001 14:52:23

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\STD 2 120 PPB.732

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	62983.850	1.341	0.093	120.94627	2.37	ug/L
>	Sc-1	45	678693.521	1.447	678693.521			ug/L
	V	51	1775738.243	1.584	2.614	122.75523	0.43	mg/L
[	Mn	55	2598217.504	2.301	3.827	126.53795	1.09	ug/L
[>	In	115	1938011.895	0.977	1938011.895			ug/L
	Sb	121	1560708.805	0.693	0.805	122.96479	0.80	ug/L
[	Sb	123	1233280.247	1.905	0.636	123.23135	2.65	ug/L
[>	Ho	165	3038720.096	0.739	3038720.096			ug/L
[	Ti	205	5619819.604	0.925	1.849	120.97452	0.59	ug/L



Sample ID: STD 2 120 PPB

Report Date/Time: Friday, December 14, 2001 14:52:59

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		88.619			
	V	51					
[	Mn	55					
[>	In	115		86.132			
	Sb	121					
[	Sb	123					
[>	Ho	165		97.751			
[	Tl	205					

Sample ID: STD 2 120 PPB

Report Date/Time: Friday, December 14, 2001 14:52:59

Page 2

Method 200.8 - Summary Report

Sample ID: LFB

Sample Date/Time: Friday, December 14, 2001 14:55:41

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.733

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	25958.156	0.608	0.038	49.89579	0.74	ug/L
>	Sc-1	45	677601.037	1.303	677601.037			ug/L
	V	51	749594.575	1.695	1.104	51.84643	2.30	mg/L
[	Mn	55	1018328.933	0.892	1.502	49.66733	2.20	ug/L
[>	In	115	1907129.761	0.688	1907129.761			ug/L
	Sb	121	666919.823	0.152	0.350	53.39270	0.78	ug/L
[	Sb	123	519239.243	0.977	0.272	52.71601	1.53	ug/L
[>	Ho	165	3007447.234	0.467	3007447.234			ug/L
[	Tl	205	2325632.942	0.614	0.773	50.57274	1.00	ug/L

TV 50 ✓

Sample ID: LFB

Report Date/Time: Friday, December 14, 2001 14:56:17

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		88.476			
	V	51					
[	Mn	55					
>	In	115		84.760			
	Sb	121					
[	Sb	123					
>	Ho	165		96.745			
[	Tl	205					

Sample ID: LFB

Report Date/Time: Friday, December 14, 2001 14:56:17

Page 2

Method 200.8 - Summary Report

Sample ID: AD27766

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

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\AD27766.734

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	27.243	-0.000	-0.01141	76.67	ug/L
[>	Sc-1	45	684346.870	1.729	684346.870			ug/L
	V	51	10595.369	2.929	0.013	0.61730	2.43	mg/L
[	Mn	55	1306132.086	0.496	1.908	63.08344	1.44	ug/L
[>	In	115	1876899.441	1.096	1876899.441			ug/L
	Sb	121	1528.430	0.965	0.001	0.11866	2.02	ug/L
[	Sb	123	1165.177	4.849	0.001	0.11498	6.13	ug/L
[>	Ho	165	3087255.815	1.322	3087255.815			ug/L
[	Tl	205	1080.385	3.653	0.000	0.00278	38.49	ug/L

Sample ID: AD27766

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

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		89.357			
	V	51					
[	Mn	55					
>	In	115		83.416			
	Sb	121					
[	Sb	123					
>	Ho	165		99.312			
[	Tl	205					

Sample ID: AD27766

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

Page 2

Method 200.8 - Summary Report

Sample ID: AD27766DUP

Sample Date/Time: Friday, December 14, 2001 15:00:26

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\AD27766DUP.735

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	18.334	8.332	-0.000	-0.00712	35.97	ug/L
[>	Sc-1	45	685170.567	1.126	685170.567			ug/L
	V	51	7738.173	0.415	0.009	0.42066	0.90	mg/L
[	Mn	55	690040.944	0.621	1.006	33.26838	0.83	ug/L
[>	In	115	1908608.978	1.672	1908608.978			ug/L
	Sb	121	817.365	2.274	0.000	0.05969	0.67	ug/L
[	Sb	123	594.681	4.221	0.000	0.05510	6.42	ug/L
[>	Ho	165	3072284.291	0.711	3072284.291			ug/L
[	Tl	205	935.373	7.039	-0.000	-0.00021	622.79	ug/L

63
2 = 31.5

Sample ID: AD27766DUP

Report Date/Time: Friday, December 14, 2001 15:01:02

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		89.465			
	V	51					
[	Mn	55					
>	In	115		84.825			
	Sb	121					
[	Sb	123					
>	Ho	165		98.830			
[	Tl	205					

Sample ID: AD27766DUP

Report Date/Time: Friday, December 14, 2001 15:01:02

Page 2

Method 200.8 - Summary Report

Sample ID: AD27766SPK

Sample Date/Time: Friday, December 14, 2001 15:02:29

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\AD27766SPK.736

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	27304.009	1.052	0.040	52.54392	1.53	ug/L
[>	Sc-1	45	676938.964	2.225	676938.964			ug/L
	V	51	758197.322	2.233	1.118	52.50236	2.95	mg/L
[	Mn	55	1647983.372	0.802	2.434	80.49131	2.62	ug/L
[>	In	115	1875472.118	1.994	1875472.118			ug/L
	Sb	121	680578.700	0.581	0.363	55.42040	2.27	ug/L
[	Sb	123	526014.820	0.544	0.281	54.31427	1.73	ug/L
[>	Ho	165	3036327.421	0.580	3036327.421			ug/L
[	Ti	205	2278015.094	1.214	0.750	49.06518	1.35	ug/L

$$31.5 \times 50 = 1575$$

Handwritten calculation with a checkmark.

Sample ID: AD27766SPK

Report Date/Time: Friday, December 14, 2001 15:03:05

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		88.390			
	V	51					
[	Mn	55					
[>	In	115		83.353			
	Sb	121					
[	Sb	123					
[>	Ho	165		97.674			
[	Tl	205					

Sample ID: AD27766SPK

Report Date/Time: Friday, December 14, 2001 15:03:05

Page 2

Method 200.8 - Summary Report

Sample ID: AD27767

Sample Date/Time: Friday, December 14, 2001 15:04:57

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\AD27767.737

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	20.915	0.000	0.01357	86.88	ug/L
[>	Sc-1	45	618122.257	0.330	618122.257			ug/L
[	V	51	4971.582	2.748	0.006	0.26796	3.41	mg/L
[	Mn	55	569205.033	1.867	0.920	30.41516	1.90	ug/L
[>	In	115	1745363.207	0.783	1745363.207			ug/L
[	Sb	121	1426.752	6.115	0.001	0.11916	7.24	ug/L
[	Sb	123	1152.478	5.955	0.001	0.12259	6.32	ug/L
[>	Ho	165	2794726.520	0.997	2794726.520			ug/L
[	Tl	205	1045.049	6.721	0.000	0.00434	39.05	ug/L

Sample ID: AD27767

Report Date/Time: Friday, December 14, 2001 15:05:32

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		80.710			
[	V	51					
[	Mn	55					
[>	In	115		77.570			
[	Sb	121					
[	Sb	123					
[>	Ho	165		89.902			
[	Tl	205					

Sample ID: AD27767

Report Date/Time: Friday, December 14, 2001 15:05:32

Page 2

Method 200.8 - Summary Report

Sample ID: AD27768

Sample Date/Time: Friday, December 14, 2001 15:06:53

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\AD27768.738

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	13.968	-0.000	-0.00227	249.39	ug/L
>	Sc-1	45	678553.276	0.534	678553.276			ug/L
	V	51	4938.903	2.394	0.005	0.23211	4.28	mg/L
[	Mn	55	496750.567	1.080	0.731	24.17412	1.60	ug/L
>	In	115	1868553.608	0.867	1868553.608			ug/L
	Sb	121	1018.380	2.084	0.001	0.07752	1.94	ug/L
[	Sb	123	788.031	2.165	0.000	0.07639	1.69	ug/L
>	Ho	165	3016063.832	1.756	3016063.832			ug/L
[	Tl	205	895.370	3.303	-0.000	-0.00070	111.92	ug/L

Sample ID: AD27768

Report Date/Time: Friday, December 14, 2001 15:07:29

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		88.601			
	V	51					
[	Mn	55					
[>	In	115		83.045			
	Sb	121					
[	Sb	123					
[>	Ho	165		97.022			
[	Tl	205					

Sample ID: AD27768

Report Date/Time: Friday, December 14, 2001 15:07:29

Page 2

Method 200.8 - Summary Report

Sample ID: AD27769

Sample Date/Time: Friday, December 14, 2001 15:09:08

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\AD27769.739

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	7.512	-0.000	-0.00301	105.24	ug/L
[>	Sc-1	45	680268.001	0.770	680268.001			ug/L
[	V	51	11688.898	1.647	0.015	0.69723	2.40	mg/L
[	Mn	55	1257750.735	0.216	1.848	61.10304	0.94	ug/L
[>	In	115	1893305.017	0.913	1893305.017			ug/L
[	Sb	121	1137.057	4.049	0.001	0.08603	5.19	ug/L
[	Sb	123	932.157	3.551	0.000	0.09008	4.28	ug/L
[>	Ho	165	3067812.855	0.844	3067812.855			ug/L
[	Tl	205	893.370	5.175	-0.000	-0.00108	91.97	ug/L

Sample ID: AD27769

Report Date/Time: Friday, December 14, 2001 15:09:44

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		88.824			
	V	51					
[	Mn	55					
[>	In	115		84.145			
	Sb	121					
[	Sb	123					
[>	Ho	165		98.687			
[	Tl	205					

Sample ID: AD27769

Report Date/Time: Friday, December 14, 2001 15:09:44

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Method 200.8 - Summary Report

Sample ID: AD27770

Sample Date/Time: Friday, December 14, 2001 15:11:55

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\AD27770.740

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	19.667	11.743	-0.000	-0.00442	99.78	ug/L
[>	Sc-1	45	682389.218	0.363	682389.218			ug/L
	V	51	6337.135	0.631	0.007	0.32637	0.42	mg/L
[	Mn	55	555898.865	1.569	0.814	26.90249	1.46	ug/L
[>	In	115	1919843.899	1.058	1919843.899			ug/L
	Sb	121	794.030	1.763	0.000	0.05746	2.67	ug/L
[	Sb	123	632.107	3.897	0.000	0.05849	4.65	ug/L
[>	Ho	165	3081568.267	0.327	3081568.267			ug/L
[	Ti	205	857.368	1.468	-0.000	-0.00193	12.91	ug/L

Sample ID: AD27770

Report Date/Time: Friday, December 14, 2001 15:12:31

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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		89.101			
	V	51					
[	Mn	55					
[>	In	115		85.325			
	Sb	121					
[	Sb	123					
[>	Ho	165		99.129			
[	Tl	205					

Sample ID: AD27770

Report Date/Time: Friday, December 14, 2001 15:12:31

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Method 200.8 - Summary Report

Sample ID: AD27771

Sample Date/Time: Friday, December 14, 2001 15:15:20

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\AD27771.741

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	15.667	9.750	-0.000	-0.01207	26.37	ug/L
>	Sc-1	45	683150.125	0.958	683150.125			ug/L
	V	51	12461.892	1.593	0.016	0.74700	2.50	mg/L
[	Mn	55	1204680.874	0.118	1.763	58.27692	0.89	ug/L
>	In	115	1860727.354	0.314	1860727.354			ug/L
	Sb	121	1069.384	1.687	0.001	0.08205	1.70	ug/L
[	Sb	123	822.452	3.708	0.000	0.08031	3.65	ug/L
>	Ho	165	3013144.669	1.560	3013144.669			ug/L
[	Tl	205	860.701	2.772	-0.000	-0.00144	36.24	ug/L

Sample ID: AD27771

Report Date/Time: Friday, December 14, 2001 15:15:56

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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		89.201			
	V	51					
[	Mn	55					
>	In	115		82.697			
	Sb	121					
[	Sb	123					
>	Ho	165		96.928			
[	Tl	205					

Sample ID: AD27771

Report Date/Time: Friday, December 14, 2001 15:15:56

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Method 200.8 - Summary Report**Sample ID: AD27772**

Sample Date/Time: Friday, December 14, 2001 15:17:28

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\AD27772.742

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	0.00343	182.38	ug/L
>	Sc-1	45	670676.792	2.036	670676.792			ug/L
	V	51	5769.223	1.233	0.006	0.29431	2.60	mg/L
[	Mn	55	488687.241	2.006	0.728	24.05963	0.15	ug/L
>	In	115	1893845.477	1.257	1893845.477			ug/L
	Sb	121	855.034	3.944	0.000	0.06323	3.71	ug/L
[	Sb	123	656.727	4.965	0.000	0.06187	4.78	ug/L
>	Ho	165	2992324.932	1.331	2992324.932			ug/L
[	Tl	205	1027.381	1.350	0.000	0.00234	19.16	ug/L

Sample ID: AD27772

Report Date/Time: Friday, December 14, 2001 15:18:04

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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		87.572			
	V	51					
[	Mn	55					
>	In	115		84.169			
	Sb	121					
[	Sb	123					
>	Ho	165		96.258			
[	Tl	205					

Sample ID: AD27772

Report Date/Time: Friday, December 14, 2001 15:18:04

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Method 200.8 - Summary Report

Sample ID: AD27773

Sample Date/Time: Friday, December 14, 2001 15:19:43

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\AD27773.743

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	17.334	49.067	-0.000	-0.00884	183.41	ug/L
>	Sc-1	45	682048.188	1.462	682048.188			ug/L
	V	51	5309.373	0.114	0.005	0.25588	1.99	mg/L
[	Mn	55	519567.957	1.047	0.761	25.15745	1.42	ug/L
>	In	115	1925628.452	2.431	1925628.452			ug/L
	Sb	121	725.692	4.580	0.000	0.05182	2.35	ug/L
[	Sb	123	558.315	1.337	0.000	0.05089	2.27	ug/L
>	Ho	165	3043473.314	1.150	3043473.314			ug/L
[	Tl	205	850.034	2.548	-0.000	-0.00185	28.32	ug/L

Sample ID: AD27773

Report Date/Time: Friday, December 14, 2001 15:20:19

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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		89.057			
	V	51					
[	Mn	55					
>	In	115		85.582			
	Sb	121					
[	Sb	123					
>	Ho	165		97.904			
[	Tl	205					

Sample ID: AD27773

Report Date/Time: Friday, December 14, 2001 15:20:19

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Method 200.8 - Summary Report

Sample ID: AD27774

Sample Date/Time: Friday, December 14, 2001 15:21:40

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\AD27774.744

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	4.949	0.000	0.00305	79.62	ug/L
>	Sc-1	45	675485.421	1.480	675485.421			ug/L
	V	51	5213.337	1.502	0.005	0.25280	3.90	mg/L
[	Mn	55	491473.509	0.990	0.727	24.02607	0.94	ug/L
>	In	115	1932539.077	2.671	1932539.077			ug/L
	Sb	121	712.692	4.751	0.000	0.05066	7.33	ug/L
[	Sb	123	569.916	3.108	0.000	0.05189	6.30	ug/L
>	Ho	165	3083214.467	0.832	3083214.467			ug/L
[	Tl	205	819.698	2.214	-0.000	-0.00274	8.87	ug/L

Sample ID: AD27774

Report Date/Time: Friday, December 14, 2001 15:22:15

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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		88.200			
	V	51					
[	Mn	55					
>	In	115		85.889			
	Sb	121					
[	Sb	123					
>	Ho	165		99.182			
[	Tl	205					

Sample ID: AD27774

Report Date/Time: Friday, December 14, 2001 15:22:15

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Method 200.8 - Summary Report

Sample ID: AD27775

Sample Date/Time: Friday, December 14, 2001 15:24:36

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\AD27775.745

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	14.783	-0.000	-0.00296	175.62	ug/L
>	Sc-1	45	689453.962	1.824	689453.962			ug/L
	V	51	11682.225	0.378	0.015	0.68611	1.67	mg/L
[	Mn	55	1128588.586	0.429	1.636	54.10589	2.22	ug/L
>	In	115	1888716.184	0.199	1888716.184			ug/L
	Sb	121	975.043	5.796	0.000	0.07313	6.25	ug/L
[	Sb	123	730.773	2.627	0.000	0.06965	2.95	ug/L
>	Ho	165	3061566.686	0.216	3061566.686			ug/L
[	Tl	205	866.368	4.530	-0.000	-0.00161	54.50	ug/L

Sample ID: AD27775

Report Date/Time: Friday, December 14, 2001 15:25:11

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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		90.024			
	V	51					
[	Mn	55					
>	In	115		83.941			
	Sb	121					
[	Sb	123					
>	Ho	165		98.486			
[	Tl	205					

Sample ID: AD27775

Report Date/Time: Friday, December 14, 2001 15:25:11

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Method 200.8 - Summary Report

Sample ID: CAL BK

Sample Date/Time: Friday, December 14, 2001 15:27:19

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.746

Sample Prep Volume (mL):

Initial Sample Quantity (mg):

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	17.334	17.625	-0.000	-0.00886	62.66	ug/L
] >	Sc-1	45	681453.411	1.332	681453.411			ug/L
	V	51	4054.949	1.549	0.004	0.16972	2.01	mg/L
[	Mn	55	824.032	4.121	0.000	0.00719	15.40	ug/L
] >	In	115	1914461.431	0.297	1914461.431			ug/L
	Sb	121	153.336	0.996	0.000	0.00653	2.42	ug/L
[	Sb	123	124.755	15.995	0.000	0.00735	27.57	ug/L
] >	Ho	165	3025206.918	2.450	3025206.918			ug/L
[	Tl	205	856.034	5.308	-0.000	-0.00162	52.43	ug/L

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 15:27:55

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		88.979			
	V	51					
[	Mn	55					
[>	In	115		85.085			
	Sb	121					
[	Sb	123					
[>	Ho	165		97.316			
[	Tl	205					

Sample ID: CAL BK

Report Date/Time: Friday, December 14, 2001 15:27:55

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Method 200.8 - Summary Report

Sample ID: STD 1 60 PPB

Sample Date/Time: Friday, December 14, 2001 15:29:23

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\STD 1 60 PPB.747

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	31598.558	0.622	0.047	61.76079	1.29	ug/L
>	Sc-1	45	666494.025	1.062	666494.025			ug/L
	V	51	899993.905	2.673	1.348	63.31534	3.50	mg/L
[	Mn	55	1230684.477	0.860	1.846	61.02265	0.73	ug/L
>	In	115	1912729.430	0.558	1912729.430			ug/L
	Sb	121	785027.472	0.657	0.410	62.66320	0.46	ug/L
[	Sb	123	610757.970	1.302	0.319	61.82532	1.57	ug/L
>	Ho	165	2990196.736	0.981	2990196.736			ug/L
[	Tl	205	2756466.081	1.187	0.922	60.29020	0.89	ug/L

✓

Sample ID: STD 1 60 PPB

Report Date/Time: Friday, December 14, 2001 15:29:58

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		87.026			
[	V	51					
[	Mn	55					
[>	In	115		85.008			
[	Sb	121					
[	Sb	123					
[>	Ho	165		96.190			
[	Tl	205					

Sample ID: STD 1 60 PPB

Report Date/Time: Friday, December 14, 2001 15:29:58

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Method 200.8 - Summary Report

Sample ID: STD 2 120 PPB

Sample Date/Time: Friday, December 14, 2001 15:31:43

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.748

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	62901.823	1.373	0.093	120.66837	0.76	ug/L
[>	Sc-1	45	679275.903	1.753	679275.903			ug/L
	V	51	1775151.055	1.542	2.611	122.61444	0.59	mg/L
[	Mn	55	2590192.829	2.432	3.812	126.03855	0.87	ug/L
[>	In	115	1894231.117	0.485	1894231.117			ug/L
	Sb	121	1538860.612	1.165	0.812	124.03857	0.71	ug/L
[	Sb	123	1214695.807	0.441	0.641	124.16368	0.64	ug/L
[>	Ho	165	3007899.569	0.991	3007899.569			ug/L
[	Ti	205	5534613.164	2.510	1.840	120.35223	1.79	ug/L

✓

Sample ID: STD 2 120 PPB

Report Date/Time: Friday, December 14, 2001 15:32:19

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		88.695			
	V	51					
[	Mn	55					
[>	In	115		84.186			
	Sb	121					
[	Sb	123					
[>	Ho	165		96.759			
[	Tl	205					

Sample ID: STD 2 120 PPB

Report Date/Time: Friday, December 14, 2001 15:32:19

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Method 200.8 - Summary Report

Sample ID: LFB

Sample Date/Time: Friday, December 14, 2001 15:34:04

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.749

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	25655.606	0.312	0.039	50.37115	1.89	ug/L
>	Sc-1	45	663478.315	1.572	663478.315			ug/L
	V	51	739644.987	1.595	1.112	52.24223	0.87	mg/L
[	Mn	55	1002433.849	1.953	1.510	49.92502	1.52	ug/L
[>	In	115	1885670.199	1.002	1885670.199			ug/L
	Sb	121	664212.725	0.371	0.352	53.78156	0.64	ug/L
[	Sb	123	510512.748	0.751	0.271	52.41938	1.06	ug/L
[>	Ho	165	3002876.928	0.603	3002876.928			ug/L
[	Tl	205	2327321.971	0.579	0.775	50.68556	0.49	ug/L



Sample ID: LFB

Report Date/Time: Friday, December 14, 2001 15:34:40

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		86.632			
	V	51					
L	Mn	55					
>	In	115		83.806			
	Sb	121					
L	Sb	123					
>	Ho	165		96.598			
L	Tl	205					

Sample ID: LFB

Report Date/Time: Friday, December 14, 2001 15:34:40

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