

Sample Information File Untitled

Description : Sb Pot 12/5/01
Batch ID :
Volume Units :
Weight Units :
Analyst :
Sample Volume : 1.000
Nominal Weight : 1.000000

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
1 QCS			
2 IPC			
3 CB			
4 LFB			
5 LRB			
6 27111			
7 27111dup			
8 27112			
9 27113			
10 27114			
11 27115			
12 27116			
13 27117			
14 27118			
15 27188			
16 27189			
17 27190			
18 27191			
19 27192			
20 27193			
21 27194			
22 27232			
23 27233			
24 27274			
25 27275			
26 27276			
27 27276dup			
28 27288			
29 27289			
30 27290			
31 27389			
32 27390			
33 27391			
34 27392			
35 27393			
39 27394			
40 27395			

Reviewed by,
AB 3/14/02

Method Name: SbHGA Element: Sb
 Method Description: Sbhga SM3113 B

Date: 12/05/2001

Technique: Furnace

Calibration Equation: Calc. Intercept: Linear

Wavelength: 217.6 nm

Slit Width: 0.70 nm

Lamp Current: 0

Energy: 54

Sample Info File: Untitled

Results Data Set:

Element: Sb Seq. No.: 186 AS Loc.: 36 Date: 12/05/2001

Sample ID: Calib Blank

μL dispensed: 10 from 36, 5 from 37, 20 from 36

Repl #	SampleConc μg/L	StdndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.020	0.018	0.028	0.023	0.027	09:59:15	No

Element: Sb Seq. No.: 186 AS Loc.: 36 Date: 12/05/2001

Sample ID: Calib Blank

μL dispensed: 10 from 36, 5 from 37, 20 from 36

Repl #	SampleConc μg/L	StdndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.021	0.019	0.025	0.020	0.018	10:02:40	No

Auto-zero performed.

Element: Sb Seq. No.: 187 AS Loc.: 36 Date: 12/05/2001

Sample ID: Calib Blank

μL dispensed: 10 from 36, 5 from 37, 20 from 36

Repl #	SampleConc μg/L	StdndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.005	0.024	0.023	0.010	0.018	10:09:49	No

Auto-zero performed.

Element: Sb Seq. No.: 188 AS Loc.: 38 Date: 12/05/2001

Sample ID: S5

μL dispensed: 25 from 36, 5 from 37, 5 from 38

Repl #	SampleConc μg/L	StdndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.015	0.040	0.039	0.023	0.018	10:12:26	No

Standard number 1 applied. [5]

Correlation Coefficient: 1.0000

Slope: 0.0030

Element: Sb Seq. No.: 189 AS Loc.: 38 Date: 12/05/2001

Sample ID: S10

μL dispensed: 20 from 36, 5 from 37, 10 from 38

Repl #	SampleConc μg/L	StdndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.034	0.059	0.050	0.026	0.022	10:15:09	No

Standard number 2 applied. [10]

Correlation Coefficient: 0.9980

Slope: 0.0034

=====

Element: Sb Seq. No.: 190 AS Loc.: 38 Date: 12/05/2001

Sample ID: S15

μL dispensed: 15 from 36, 5 from 37, 15 from 38

Repl #	SampleConc μg/L	StdndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.054	0.079	0.064	0.024	0.022	10:17:51	No

Standard number 3 applied. [15]

Correlation Coefficient: 0.9981

Slope: 0.0036

=====

Element: Sb Seq. No.: 191 AS Loc.: 38 Date: 12/05/2001

Sample ID: S20

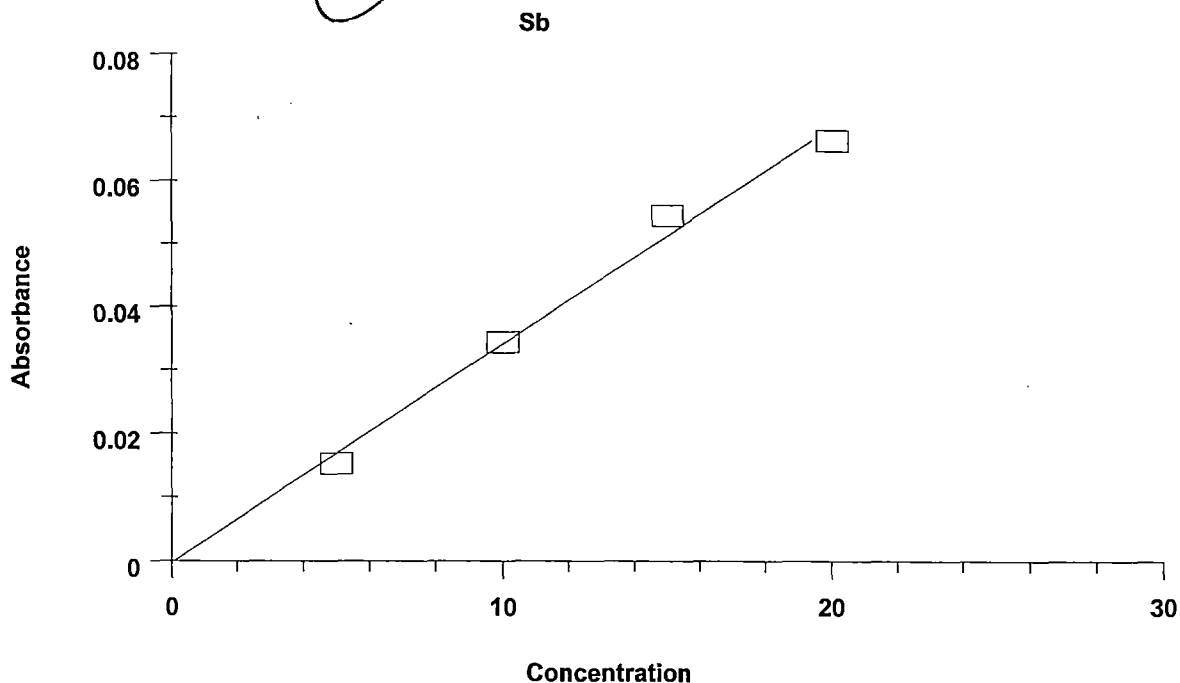
μL dispensed: 10 from 36, 5 from 37, 20 from 38

Repl #	SampleConc μg/L	StdndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.066	0.091	0.073	0.029	0.021	10:20:34	No

Standard number 4 applied. [20]

Correlation Coefficient: 0.9970

Slope: 0.0034



Calibration data for Sb

Standard ID	Mean Signal (Pk Area)	Entered Concentration (μg/L)	Calculated Concentration (μg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	0.0848	----	----
S5	0.015	5	4.526	----	----
S10	0.034	10	10.08	----	----
S15	0.054	15	15.93	----	----
S20	0.066	20	19.38	----	----

Correlation Coefficient: 0.99703 Slope: 0.00343 Intercept: 0.000

=====

Element: Sb Seq. No.: 193 AS Loc.: 1 Date: 12/05/2001

Sample ID: QCS

μL dispensed: 10 from 36, 5 from 37, 20 from 1

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	9.984	9.984	0.034	0.058	0.045	0.021	0.020	10:44:28	No

QC value within specified limits.

=====

Element: Sb Seq. No.: 194 AS Loc.: 2 Date: 12/05/2001

Sample ID: IPC

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	9.169	9.169	0.031	0.055	0.049	0.026	0.023	10:47:05	No

QC value within specified limits.

=====

Element: Sb Seq. No.: 195 AS Loc.: 3 Date: 12/05/2001

Sample ID: CB

μL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.7355	-0.7355	-0.003	0.021	0.029	0.017	0.020	10:49:42	No

=====

Element: Sb Seq. No.: 196 AS Loc.: 4 Date: 12/05/2001

Sample ID: LFB

μL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	19.80	19.80	0.068	0.092	0.068	0.026	0.020	10:52:19	No

QC value within specified limits.

=====

Element: Sb Seq. No.: 197 AS Loc.: 5 Date: 12/05/2001

Sample ID: LRB

μL dispensed: 10 from 36, 5 from 37, 20 from 5

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.0136	-0.0136	0.000	0.024	0.026	0.020	0.019	10:54:57	No

=====

Element: Sb Seq. No.: 198 AS Loc.: 6 Date: 12/05/2001

Sample ID: 27111

μL dispensed: 10 from 36, 5 from 37, 20 from 6

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.179	-1.179	-0.004	0.020	0.022	0.027	0.021	10:57:36	No

Element: Sb Seq. No.: 199 AS Loc.: 6 Date: 12/05/2001

Sample ID: 27111 *spike*

μL dispensed: 5 from 37, 10 from 38, 20 from 6

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.819	5.819	0.020	0.044	0.048	0.021	0.021	11:00:12	No

Recovery is 58.2% (outside of specified limits)

Element: Sb Seq. No.: 200 AS Loc.: 6 Date: 12/05/2001

Sample ID: 27111

μL dispensed: 25 from 36, 5 from 37, 5 from 6

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.021	-0.7552	-0.003	0.021	0.025	0.027	0.026	11:02:52	No

Element: Sb Seq. No.: 201 AS Loc.: 6 Date: 12/05/2001

Sample ID: 27111

μL dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 6

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	33.91	8.478	0.029	0.053	0.039	0.024	0.021	11:05:39	No

Recovery is 84.8% (outside of specified limits)

high spike

Element: Sb Seq. No.: 202 AS Loc.: 7 Date: 12/05/2001

Sample ID: 27111dup

μL dispensed: 10 from 36, 5 from 37, 20 from 7

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.0738	-0.0738	-0.001	0.024	0.024	0.029	0.025	11:08:19	No

Element: Sb Seq. No.: 203 AS Loc.: 8 Date: 12/05/2001

Sample ID: 27112

μL dispensed: 10 from 36, 5 from 37, 20 from 8

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.3989	-0.3989	-0.002	0.023	0.022	0.030	0.028	11:11:01	No

Element: Sb Seq. No.: 204 AS Loc.: 9 Date: 12/05/2001

Sample ID: 27113

μL dispensed: 10 from 36, 5 from 37, 20 from 9

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.040	-1.040	-0.004	0.020	0.025	0.029	0.025	11:13:43	No

Element: Sb Seq. No.: 205 AS Loc.: 10 Date: 12/05/2001

Sample ID: 27114

μL dispensed: 10 from 36, 5 from 37, 20 from 10

Repl #	SampleConc μg/L	StdConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4943	-0.4943	-0.002	0.022	0.020	0.029	0.029	11:16:28	No

Element: Sb Seq. No.: 206 AS Loc.: 11 Date: 12/05/2001

Sample ID: 27115

μL dispensed: 10 from 36, 5 from 37, 20 from 11

Repl #	SampleConc μg/L	StdConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.422	-2.422	-0.009	0.016	0.020	0.037	0.027	11:19:14	No

Element: Sb Seq. No.: 207 AS Loc.: 12 Date: 12/05/2001

Sample ID: 27116

μL dispensed: 10 from 36, 5 from 37, 20 from 12

Repl #	SampleConc μg/L	StdConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.3061	-0.3061	-0.001	0.023	0.022	0.026	0.025	11:21:59	No

Element: Sb Seq. No.: 208 AS Loc.: 2 Date: 12/05/2001

Sample ID: IPC

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StdConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	8.797	8.797	0.030	0.054	0.044	0.022	0.021	11:24:42	No

QC out of limits. QC will be repeated based on Retry setting.

Element: Sb Seq. No.: 209 AS Loc.: 2 Date: 12/05/2001

Sample ID: IPC

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StdConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	8.932	8.932	0.030	0.055	0.050	0.029	0.020	11:27:20	No

QC out of limits. Current analytical sequence continued.

Element: Sb Seq. No.: 210 AS Loc.: 3 Date: 12/05/2001

Sample ID: CB

μL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc μg/L	StdConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.5377	-0.5377	-0.002	0.022	0.028	0.017	0.017	11:29:57	No

Injection slightly off, IPC run on next page; samples 27111-27116 were run again at end to check < mAL

=====
 Element: Sb Seq. No.: 210 AS Loc.: 2 Date: 12/05/2001

Sample ID: IPC

µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	9.212	9.212	0.031	0.056	0.050	0.025	0.021	11:38:41	No

QC value within specified limits.

=====
 Element: Sb Seq. No.: 211 AS Loc.: 3 Date: 12/05/2001

Sample ID: CB

µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.690	-1.690	-0.006	0.018	0.026	0.022	0.019	11:41:19	No

=====
 Element: Sb Seq. No.: 212 AS Loc.: 13 Date: 12/05/2001

Sample ID: 27117

µL dispensed: 10 from 36, 5 from 37, 20 from 13

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.7060	-0.7060	-0.003	0.022	0.024	0.028	0.023	11:44:01	No

=====
 Element: Sb Seq. No.: 213 AS Loc.: 14 Date: 12/05/2001

Sample ID: 27118

µL dispensed: 10 from 36, 5 from 37, 20 from 14

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.5919	-0.5919	-0.002	0.022	0.022	0.026	0.020	11:46:47	No

=====
 Element: Sb Seq. No.: 214 AS Loc.: 15 Date: 12/05/2001

Sample ID: 27188

µL dispensed: 10 from 36, 5 from 37, 20 from 15

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.9096	-0.9096	-0.003	0.021	0.021	0.024	0.022	11:49:33	No

=====
 Element: Sb Seq. No.: 215 AS Loc.: 16 Date: 12/05/2001

Sample ID: 27189

µL dispensed: 10 from 36, 5 from 37, 20 from 16

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.877	-1.877	-0.007	0.018	0.023	0.029	0.024	11:52:16	No

=====

Element: Sb Seq. No.: 216 AS Loc.: 16 Date: 12/05/2001
 Sample ID: 27189 *guth*
 µL dispensed: 5 from 37, 10 from 38, 20 from 16

Repl #	SampleConc µg/L	StdndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	6.824	6.824	0.023	0.047	0.050	0.018	0.019	11:55:01	No

Recovery is 68.2% (outside of specified limits)

=====

Element: Sb Seq. No.: 217 AS Loc.: 16 Date: 12/05/2001
 Sample ID: 27189
 µL dispensed: 25 from 36, 5 from 37, 5 from 16

Repl #	SampleConc µg/L	StdndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.276	-0.5691	-0.002	0.022	0.025	0.023	0.021	11:57:43	No

=====

Element: Sb Seq. No.: 218 AS Loc.: 16 Date: 12/05/2001
 Sample ID: 27189
 µL dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 16

Repl #	SampleConc µg/L	StdndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	32.34	8.086	0.027	0.052	0.041	0.026	0.021	12:00:32	No

Recovery is 80.9% (outside of specified limits)

=====

Element: Sb Seq. No.: 219 AS Loc.: 17 Date: 12/05/2001
 Sample ID: 27190
 µL dispensed: 10 from 36, 5 from 37, 20 from 17

Repl #	SampleConc µg/L	StdndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.048	-1.048	-0.004	0.020	0.024	0.035	0.031	12:03:14	No

=====

Element: Sb Seq. No.: 220 AS Loc.: 18 Date: 12/05/2001
 Sample ID: 27191
 µL dispensed: 10 from 36, 5 from 37, 20 from 18

Repl #	SampleConc µg/L	StdndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.1238	0.1238	0.000	0.024	0.025	0.028	0.026	12:05:56	No

=====

Element: Sb Seq. No.: 221 AS Loc.: 19 Date: 12/05/2001
 Sample ID: 27192
 µL dispensed: 10 from 36, 5 from 37, 20 from 19

Repl #	SampleConc µg/L	StdndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.031	-2.031	-0.007	0.017	0.021	0.028	0.023	12:08:36	No

=====
 Element: Sb Seq. No.: 222 AS Loc.: 2 Date: 12/05/2001

Sample ID: IPC

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	9.928 ✓	9.928	0.034	0.058	0.045	0.024	0.021	12:11:14	No

QC value within specified limits.

=====
 Element: Sb Seq. No.: 223 AS Loc.: 3 Date: 12/05/2001

Sample ID: CB

μL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.1049	0.1049	0.000	0.024	0.025	0.018	0.020	12:13:51	No

=====
 Element: Sb Seq. No.: 224 AS Loc.: 4 Date: 12/05/2001

Sample ID: LFB

μL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	21.43 ✓	21.43	0.073	0.098	0.073	0.023	0.021	12:16:28	No

Sample absorbance is greater than that of the highest standard.

QC value within specified limits.

=====
 Element: Sb Seq. No.: 225 AS Loc.: 5 Date: 12/05/2001

Sample ID: LRB

μL dispensed: 10 from 36, 5 from 37, 20 from 5

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.1020 ✓	-0.1020	-0.001	0.024	0.029	0.019	0.022	12:19:06	No

=====
 Element: Sb Seq. No.: 226 AS Loc.: 20 Date: 12/05/2001

Sample ID: 27193

μL dispensed: 10 from 36, 5 from 37, 20 from 20

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.9089	-0.9089	-0.003	0.021	0.022	0.025	0.021	12:21:48	No

=====
 Element: Sb Seq. No.: 227 AS Loc.: 21 Date: 12/05/2001

Sample ID: 27194

μL dispensed: 10 from 36, 5 from 37, 20 from 21

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.9814	-0.9814	-0.004	0.021	0.020	0.027	0.025	12:24:25	No

=====

Element: Sb Seq. No.: 228 AS Loc.: 22 Date: 12/05/2001

Sample ID: 27232

µL dispensed: 10 from 36, 5 from 37, 20 from 22

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4272	-0.4272	-0.002	0.023	0.023	0.026	0.025	12:27:02	No

=====

Element: Sb Seq. No.: 229 AS Loc.: 23 Date: 12/05/2001

Sample ID: 27233

µL dispensed: 10 from 36, 5 from 37, 20 from 23

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.049	-2.049	-0.007	0.017	0.023	0.028	0.023	12:29:39	No

=====

Element: Sb Seq. No.: 230 AS Loc.: 24 Date: 12/05/2001

Sample ID: 27274

µL dispensed: 10 from 36, 5 from 37, 20 from 24

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.453	-2.453	-0.009	0.016	0.017	0.027	0.026	12:32:17	No

=====

Element: Sb Seq. No.: 231 AS Loc.: 25 Date: 12/05/2001

Sample ID: 27275

µL dispensed: 10 from 36, 5 from 37, 20 from 25

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.571	-2.571	-0.009	0.015	0.020	0.034	0.028	12:34:57	No

=====

Element: Sb Seq. No.: 232 AS Loc.: 26 Date: 12/05/2001

Sample ID: 27276

µL dispensed: 10 from 36, 5 from 37, 20 from 26

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.1413	-0.1413	-0.001	0.024	0.023	0.023	0.020	12:37:38	No

=====

Element: Sb Seq. No.: 233 AS Loc.: 26 Date: 12/05/2001

Sample ID: 27276

µL dispensed: 5 from 37, 10 from 38, 20 from 26

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	8.451	8.451	0.029	0.053	0.048	0.020	0.018	12:40:15	No

Recovery is 84.5% (outside of specified limits)

Element: Sb Seq. No.: 234 AS Loc.: 26 Date: 12/05/2001

Sample ID: 27276

µL dispensed: 25 from 36, 5 from 37, 5 from 26

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.693	-0.9232	-0.003	0.021	0.028	0.028	0.027	12:42:55	No

Element: Sb Seq. No.: 235 AS Loc.: 26 Date: 12/05/2001

Sample ID: 27276 *481/2*

µL dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 26

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	38.37	9.592	0.033	0.057	0.052	0.028	0.022	12:45:43	No

Recovery is 95.9% ✓

Element: Sb Seq. No.: 236 AS Loc.: 2 Date: 12/05/2001

Sample ID: IPC

µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	10.97 ✓	10.97	0.037	0.062	0.052	0.028	0.024	12:48:24	No

QC value within specified limits.

Element: Sb Seq. No.: 237 AS Loc.: 3 Date: 12/05/2001

Sample ID: CB

µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	1.559 ✓	1.559	0.005	0.029	0.033	0.017	0.021	12:51:01	No

Element: Sb Seq. No.: 238 AS Loc.: 4 Date: 12/05/2001

Sample ID: LFB

µL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	20.79 ✓	20.79	0.071	0.095	0.095	0.027	0.018	12:53:39	No

QC value within specified limits.

Element: Sb Seq. No.: 239 AS Loc.: 5 Date: 12/05/2001

Sample ID: LRB

µL dispensed: 10 from 36, 5 from 37, 20 from 5

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.7086 ✓	0.7086	0.002	0.026	0.034	0.021	0.022	12:56:17	No

=====

Element: Sb Seq. No.: 240 AS Loc.: 27 Date: 12/05/2001

Sample ID: 27276dup

µL dispensed: 10 from 36, 5 from 37, 20 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.3330	-0.3330	-0.001	0.023	0.022	0.029	0.023	12:58:58	No

=====

Element: Sb Seq. No.: 241 AS Loc.: 28 Date: 12/05/2001

Sample ID: 27288

µL dispensed: 10 from 36, 5 from 37, 20 from 28

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.3244	-0.3244	-0.001	0.023	0.022	0.027	0.023	13:01:43	No

=====

Element: Sb Seq. No.: 242 AS Loc.: 29 Date: 12/05/2001

Sample ID: 27289

µL dispensed: 10 from 36, 5 from 37, 20 from 29

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2715	-0.2715	-0.001	0.023	0.027	0.025	0.025	13:04:30	No

=====

Element: Sb Seq. No.: 243 AS Loc.: 30 Date: 12/05/2001

Sample ID: 27290

µL dispensed: 10 from 36, 5 from 37, 20 from 30

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.912	-2.912	-0.010	0.014	0.021	0.032	0.025	13:07:17	No

=====

Element: Sb Seq. No.: 244 AS Loc.: 31 Date: 12/05/2001

Sample ID: 27389

µL dispensed: 10 from 36, 5 from 37, 20 from 31

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.7799	-0.7799	-0.003	0.021	0.022	0.024	0.025	13:10:02	No

=====

Element: Sb Seq. No.: 245 AS Loc.: 32 Date: 12/05/2001

Sample ID: 27390

µL dispensed: 10 from 36, 5 from 37, 20 from 32

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.5798	-0.5798	-0.002	0.022	0.022	0.024	0.023	13:12:47	No

=====
 Element: Sb Seq. No.: 246 AS Loc.: 33 Date: 12/05/2001

Sample ID: 27391

μL dispensed: 10 from 36, 5 from 37, 20 from 33

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.5259	-0.5259	-0.002	0.022	0.022	0.026	0.023	13:15:31	No

=====
 Element: Sb Seq. No.: 247 AS Loc.: 34 Date: 12/05/2001

Sample ID: 27392

μL dispensed: 10 from 36, 5 from 37, 20 from 34

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.420	-3.420	-0.012	0.012	0.022	0.032	0.027	13:18:12	No

=====
 Element: Sb Seq. No.: 248 AS Loc.: 35 Date: 12/05/2001

Sample ID: 27393

μL dispensed: 10 from 36, 5 from 37, 20 from 35

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.172	-2.172	-0.008	0.017	0.022	0.030	0.021	13:20:52	No

=====
 Element: Sb Seq. No.: 249 AS Loc.: 39 Date: 12/05/2001

Sample ID: 27394

μL dispensed: 10 from 36, 5 from 37, 20 from 39

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.695	-1.695	-0.006	0.018	0.028	0.027	0.019	13:23:32	No

=====
 Element: Sb Seq. No.: 250 AS Loc.: 2 Date: 12/05/2001

Sample ID: IPC

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	10.77	10.77	0.037	0.061	0.066	0.023	0.018	13:26:14	No

QC value within specified limits.

=====
 Element: Sb Seq. No.: 251 AS Loc.: 3 Date: 12/05/2001

Sample ID: CB

μL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.257	-2.257	-0.008	0.016	0.034	0.020	0.021	13:28:52	No

=====
 Element: Sb Seq. No.: 252 AS Loc.: 4 Date: 12/05/2001

Sample ID: LFB

µL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	20.81	20.81	0.071	0.095	0.091	0.023	0.021	13:31:29	No

QC value within specified limits.

=====
 Element: Sb Seq. No.: 253 AS Loc.: 5 Date: 12/05/2001

Sample ID: LRB

µL dispensed: 10 from 36, 5 from 37, 20 from 5

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4363	-0.4363	-0.002	0.023	0.030	0.020	0.019	13:34:07	No

=====
 Element: Sb Seq. No.: 254 AS Loc.: 40 Date: 12/05/2001

Sample ID: 27395

µL dispensed: 10 from 36, 5 from 37, 20 from 40

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.001	-1.001	-0.004	0.021	0.020	0.038	0.027	13:36:51	No

=====
 Element: Sb Seq. No.: 255 AS Loc.: 2 Date: 12/05/2001

Sample ID: IPC

µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	11.80	11.80	0.040	0.065	0.065	0.020	0.017	13:39:31	No

QC out of limits. QC will be repeated based on Retry setting.

OK, all samples < MRL - mo

=====
 Element: Sb Seq. No.: 256 AS Loc.: 2 Date: 12/05/2001

Sample ID: IPC

µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	12.60	12.60	0.043	0.067	0.070	0.022	0.020	13:42:08	No

QC out of limits. Current analytical sequence continued.

=====
 Element: Sb Seq. No.: 257 AS Loc.: 3 Date: 12/05/2001

Sample ID: CB

µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.0180	-0.0180	0.000	0.024	0.035	0.018	0.019	13:44:46	No

Method Name: SbHGA Element: Sb
 Method Description: Sbhga SM3113 B

Date: 12/05/2001
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 217.6 nm Slit Width: 0.70 nm
 Lamp Current: 0 Energy: 55
 Sample Info File: Untitled Results Data Set:

Element: Sb Seq. No.: 258 AS Loc.: 6 Date: 12/05/2001

Sample ID: 27111

μL dispensed: 10 from 36, 5 from 37, 20 from 6

Repl #	SampleConc μg/L	StndConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.250	-1.250	-0.005	0.020	0.027	0.017	0.021	14:06:14	No

Element: Sb Seq. No.: 259 AS Loc.: 7 Date: 12/05/2001

Sample ID: 27111dup

μL dispensed: 10 from 36, 5 from 37, 20 from 7

Repl #	SampleConc μg/L	StndConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.929	-1.929	-0.007	0.017	0.021	0.019	0.025	14:08:55	No

Element: Sb Seq. No.: 260 AS Loc.: 8 Date: 12/05/2001

Sample ID: 27112

μL dispensed: 10 from 36, 5 from 37, 20 from 8

Repl #	SampleConc μg/L	StndConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.819	-1.819	-0.007	0.018	0.026	0.026	0.022	14:11:38	No

Element: Sb Seq. No.: 261 AS Loc.: 9 Date: 12/05/2001

Sample ID: 27113

μL dispensed: 10 from 36, 5 from 37, 20 from 9

Repl #	SampleConc μg/L	StndConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.3014	-0.3014	-0.001	0.023	0.023	0.022	0.020	14:14:21	No

Element: Sb Seq. No.: 262 AS Loc.: 10 Date: 12/05/2001

Sample ID: 27114

μL dispensed: 10 from 36, 5 from 37, 20 from 10

Repl #	SampleConc μg/L	StndConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.620	-1.620	-0.006	0.018	0.021	0.025	0.024	14:17:05	No

Element: Sb Seq. No.: 263 AS Loc.: 11 Date: 12/05/2001

Sample ID: 27115

μL dispensed: 10 from 36, 5 from 37, 20 from 11

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.163	-1.163	-0.004	0.020	0.021	0.026	0.026	14:19:51	No

Element: Sb Seq. No.: 264 AS Loc.: 12 Date: 12/05/2001

Sample ID: 27116

μL dispensed: 10 from 36, 5 from 37, 20 from 12

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.154	-1.154	-0.004	0.020	0.023	0.023	0.021	14:22:37	No

Element: Sb Seq. No.: 265 AS Loc.: 2 Date: 12/05/2001

Sample ID: IPC

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	11.08	11.08	0.038	0.062	0.072	0.023	0.022	14:25:19	No

QC out of limits. QC will be repeated based on Retry setting.

OK, all samples are < MA -mo

Element: Sb Seq. No.: 266 AS Loc.: 2 Date: 12/05/2001

Sample ID: IPC

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	11.24	11.24	0.038	0.063	0.072	0.029	0.024	14:27:57	No

QC out of limits. Current analytical sequence continued.

Element: Sb Seq. No.: 267 AS Loc.: 3 Date: 12/05/2001

Sample ID: CB

μL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.925	-1.925	-0.007	0.017	0.030	0.022	0.022	14:30:35	No