

Sample Information File Untitled

Description : Sb 9/24/01
 Batch ID :
 Volume Units :
 Weight Units :
 Analyst :
 Sample Volume : 1.000
 Nominal Weight : 1.000000

DATE ANALYZED	9/24/01
TIME ANALYZED	9:00
ANALYST INITIALS	Mo
REVIEWED BY	<i>[Signature]</i>

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
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1	QCS		
2	IPC		
3	CB		
4	LFB		
5	LFB		
7	22976 - sp ✓		
8	22976dup		
9	23080		
10	23258		
11	23259		
12	23260		
13	23261		
14	23262		
15	23263		
16	23264		
17	23270 - sp Fail 3x		
18	23271		
19	23272		
20	23318		
21	23319		
22	23320		
23	23321		
24	23322		
25	23323		
26	23324		
27	23325		
28	23325 - 3267.404		
29	23340		
30	23341		
31	23342		
32	23343		
33	23344		
34	23345 - sp Fail		
35	23345dup - sp Fail		

All DEP

QC Reviewed by,
 JB 11/7/01

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

Date: 09/24/2001

Technique: Furnace Calibration Equation: Calc. Intercept: Linear

Wavelength: 217.6 nm Slit Width: 0.70 nm

Lamp Current: 0 Energy: 52

Sample Info File: Untitled Results Data Set:

Element: Sb Seq. No.: 1 AS Loc.: 36 Date: 09/24/2001

Sample ID: Calib Blank

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.000	0.000	0.022	0.009	0.020	09:22:49	No

Auto-zero performed. ✓

Element: Sb Seq. No.: 2 AS Loc.: 38 Date: 09/24/2001

Sample ID: S5

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.013	0.013	0.024	0.007	0.018	09:25:25	No

Standard number 1 applied. [5]

Correlation Coefficient: 1.0000

Slope: 0.0025

Element: Sb Seq. No.: 3 AS Loc.: 38 Date: 09/24/2001

Sample ID: S10

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.032	0.033	0.039	0.006	0.019	09:28:07	No

Standard number 2 applied. [10]

Correlation Coefficient: 0.9927

Slope: 0.0032

Element: Sb Seq. No.: 4 AS Loc.: 38 Date: 09/24/2001

Sample ID: S15

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.052	0.052	0.054	0.006	0.017	09:30:48	No

Standard number 3 applied. [15]

Correlation Coefficient: 0.9954

Slope: 0.0035

Element: Sb Seq. No.: 5 AS Loc.: 38 Date: 09/24/2001

Sample ID: S20

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

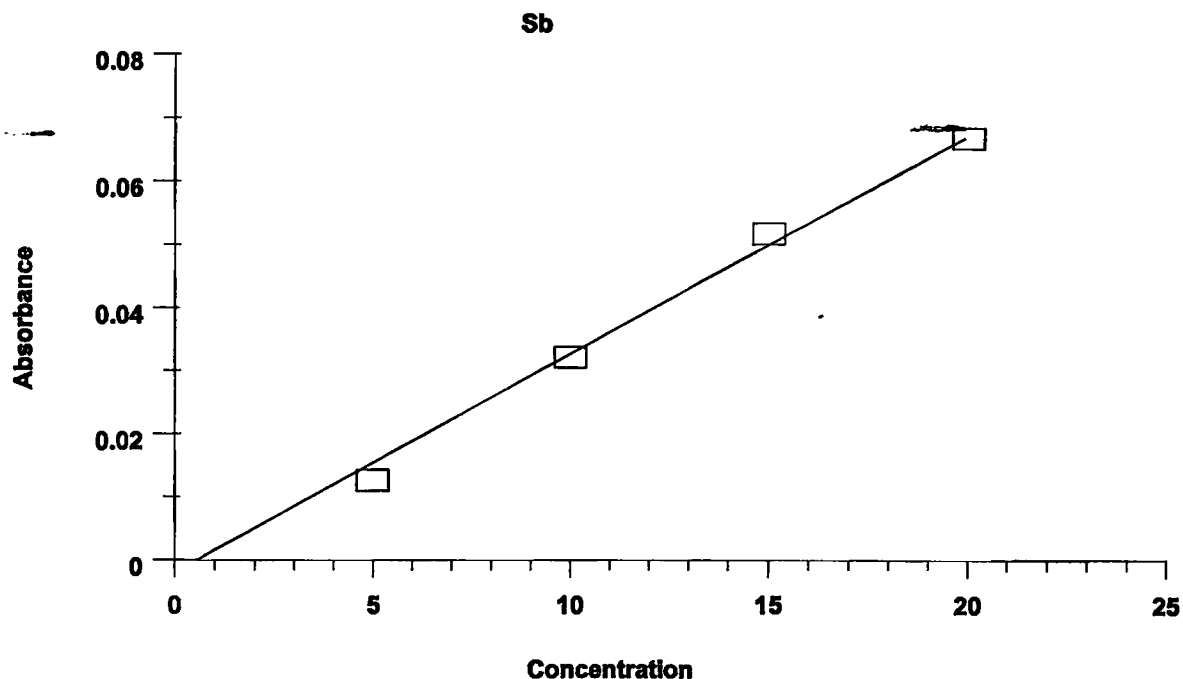
Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.067	0.067	0.064	0.007	0.021	09:33:28	No

The calibration curve may not be linear.

Standard number 4 applied. [20]

Correlation Coefficient: 0.9976

Slope: 0.0035



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	----	0.5402	----	----
S5	0.013	5	4.212	----	----
S10	0.032	10	9.848	----	----
S15	0.052	15	15.51	----	----
S20	0.067	20	19.89	----	----

Correlation Coefficient: 0.99760 Slope: 0.00346 Intercept: -0.002

The calibration curve has been edited.

why edit?

=====
 Element: Sb Seq. No.: 6 AS Loc.: 38 Date: 09/24/2001

Sample ID: S5

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.014	0.015	0.026	0.007	0.014	09:36:18	No

Standard number 1 applied. [5]

Correlation Coefficient: 0.9986 ✓

Slope: 0.0034

=====
 Element: Sb Seq. No.: 7 AS Loc.: 1 Date: 09/24/2001

Sample ID: QCS

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	8.862	8.862	0.029	0.030	0.036	0.009	0.019	09:39:12	No

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

=====
 Element: Sb Seq. No.: 8 AS Loc.: 1 Date: 09/24/2001

Sample ID: QCS

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	10.61	10.61	0.035	0.036	0.038	0.007	0.015	09:41:49	No

QC value within specified limits.

=====
 Element: Sb Seq. No.: 9 AS Loc.: 2 Date: 09/24/2001

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	9.030	9.030	0.030	0.030	0.036	0.010	0.021	09:44:25	No

QC value within specified limits.

=====
 Element: Sb Seq. No.: 10 AS Loc.: 3 Date: 09/24/2001

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	-0.3859	-0.3859	-0.003	-0.002	0.013	0.005	0.014	09:47:02	No

=====
 Element: Sb Seq. No.: 11 AS Loc.: 4 Date: 09/24/2001

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	19.80	19.80	0.067	0.067	0.065	0.009	0.021	09:49:39	No

QC value within specified limits.

Element: Sb Seq. No.: 12 AS Loc.: 5 Date: 09/24/2001

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	-1.069	-1.069	-0.005	-0.005	0.015	0.007	0.020	09:52:16	No

Element: Sb Seq. No.: 13 AS Loc.: 7 Date: 09/24/2001

Sample ID: 22976

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2235	-0.2235	-0.002	-0.002	0.013	0.014	0.018	09:54:55	No

Element: Sb Seq. No.: 14 AS Loc.: 7 Date: 09/24/2001

Sample ID: 22976

μL dispensed: 5 from 37, 10 from 38, 20 from 7

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	7.243	7.243	0.024	0.024	0.035	0.008	0.014	09:57:31	No

Recovery is 72.4%

Element: Sb Seq. No.: 15 AS Loc.: 8 Date: 09/24/2001

Sample ID: 22976dup

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	1.122	1.122	0.003	0.003	0.017	0.010	0.018	10:00:14	No

Element: Sb Seq. No.: 16 AS Loc.: 9 Date: 09/24/2001

Sample ID: 23080

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.6326	0.6326	0.001	0.001	0.014	0.011	0.018	10:02:56	No

Element: Sb Seq. No.: 17 AS Loc.: 10 Date: 09/24/2001

Sample ID: 23258

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.1883	-0.1883	-0.002	-0.001	0.019	0.009	0.016	10:05:39	No

=====
 Element: Sb Seq. No.: 18 AS Loc.: 11 Date: 09/24/2001

Sample ID: 23259

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	-0.1098	-0.1098	-0.002	-0.001	0.012	0.010	0.015	10:08:23	No

=====
 Element: Sb Seq. No.: 19 AS Loc.: 12 Date: 09/24/2001

Sample ID: 23260

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	1.041	1.041	0.002	0.003	0.017	0.012	0.017	10:11:09	No

=====
 Element: Sb Seq. No.: 20 AS Loc.: 13 Date: 09/24/2001

Sample ID: 23261

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

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.3233	0.3233	0.000	0.000	0.016	0.012	0.017	10:13:54	No

=====
 Element: Sb Seq. No.: 21 AS Loc.: 14 Date: 09/24/2001

Sample ID: 23262

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

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4812	-0.4812	-0.003	-0.002	0.023	0.016	0.018	10:16:39	No

=====
 Element: Sb Seq. No.: 22 AS Loc.: 15 Date: 09/24/2001

Sample ID: 23263

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

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	1.485	1.485	0.004	0.004	0.014	0.012	0.014	10:19:24	No

=====
 Element: Sb Seq. No.: 23 AS Loc.: 2 Date: 09/24/2001

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	8.856	8.856	0.029	0.030	0.039	0.013	0.017	10:22:03	No

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

=====

Element: Sb Seq. No.: 24 AS Loc.: 2 Date: 09/24/2001

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	10.93	10.93	0.036	0.037	0.045	0.008	0.017	10:24:41	No

QC value within specified limits.

=====

Element: Sb Seq. No.: 25 AS Loc.: 3 Date: 09/24/2001

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	2.564	2.564	0.008	0.008	0.018	0.004	0.015	10:27:18	No

=====

Element: Sb Seq. No.: 26 AS Loc.: 16 Date: 09/24/2001

Sample ID: 23264

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.0385	-0.0385	-0.001	-0.001	0.017	0.014	0.015	10:30:00	No

=====

Element: Sb Seq. No.: 27 AS Loc.: 17 Date: 09/24/2001

Sample ID: 23270

µL dispensed: 10 from 36, 5 from 37, 20 from 17

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2182	-0.2182	-0.002	-0.002	0.016	0.010	0.016	10:32:42	No

=====

Element: Sb Seq. No.: 28 AS Loc.: 17 Date: 09/24/2001

Sample ID: 23270

µL dispensed: 5 from 37, 10 from 38, 20 from 17

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.666	5.666	0.018	0.019	0.032	0.010	0.015	10:35:27	No

Recovery is 56.7% (outside of specified limits)

=====

Element: Sb Seq. No.: 29 AS Loc.: 17 Date: 09/24/2001

Sample ID: 23270

µL dispensed: 25 from 36, 5 from 37, 5 from 17

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	8.674	2.169	0.006	0.007	0.019	0.011	0.020	10:38:08	No

=====

Element: Sb Seq. No.: 30 AS Loc.: 17 Date: 09/24/2001

Sample ID: 23270

 μ L dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 17

Repl	Sample	Conc	StdConc	BlncCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	μ g/L	μ g/L		Signal	Area	Height	Area	Height		Stored
1	34.94	8.735		0.029	0.029	0.032	0.013	0.016	10:40:57	No

Recovery is 65.7% (outside of specified limits)

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

Date: 09/24/2001
 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.: 31 AS Loc.: 17 Date: 09/24/2001
 Sample ID: 23270
 µL dispensed: 10 from 36, 5 from 37, 20 from 17

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2926	-0.2926	-0.002	-0.002	0.015	0.006	0.015	10:47:00	No

Element: Sb Seq. No.: 32 AS Loc.: 17 Date: 09/24/2001
 Sample ID: 23270
 µL dispensed: 5 from 37, 10 from 38, 20 from 17

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	6.127	6.127	0.020	0.020	0.027	0.007	0.013	10:49:44	No

Recovery is 61.3% (outside of specified limits)

Element: Sb Seq. No.: 33 AS Loc.: 17 Date: 09/24/2001
 Sample ID: 23270
 µL dispensed: 25 from 36, 5 from 37, 5 from 17

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	7.142	1.786	0.005	0.005	0.017	0.009	0.019	10:52:23	No

Element: Sb Seq. No.: 34 AS Loc.: 17 Date: 09/24/2001
 Sample ID: 23270
 µL dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 17

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	36.20	9.051	0.030	0.030	0.032	0.011	0.017	10:55:11	No

Recovery is 72.7%

Element: Sb Seq. No.: 35 AS Loc.: 18 Date: 09/24/2001
 Sample ID: 23271
 µL dispensed: 10 from 36, 5 from 37, 20 from 18

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	1.028	1.028	0.002	0.003	0.014	0.012	0.014	10:57:52	No

=====
 Element: Sb Seq. No.: 36 AS Loc.: 19 Date: 09/24/2001

Sample ID: 23272

µL dispensed: 10 from 36, 5 from 37, 20 from 19

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	1.984	1.984	0.006	0.006	0.016	0.010	0.014	11:00:32	No

=====
 Element: Sb Seq. No.: 37 AS Loc.: 20 Date: 09/24/2001

Sample ID: 23318

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.9132	0.9132	0.002	0.002	0.017	0.010	0.016	11:03:10	No

=====
 Element: Sb Seq. No.: 38 AS Loc.: 21 Date: 09/24/2001

Sample ID: 23319

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.9888	-0.9888	-0.005	-0.004	0.015	0.013	0.016	11:05:47	No

=====
 Element: Sb Seq. No.: 39 AS Loc.: 22 Date: 09/24/2001

Sample ID: 23320

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.2000	0.2000	-0.001	0.000	0.014	0.013	0.013	11:08:25	No

=====
 Element: Sb Seq. No.: 40 AS Loc.: 23 Date: 09/24/2001

Sample ID: 23321

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	2.118	2.118	0.006	0.006	0.021	0.011	0.013	11:11:01	No

=====
 Element: Sb Seq. No.: 41 AS Loc.: 2 Date: 09/24/2001

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	10.61	10.61	0.035	0.036	0.042	0.010	0.013	11:13:40	No

QC value within specified limits.

=====
 Element: Sb Seq. No.: 42 AS Loc.: 3 Date: 09/24/2001

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	0.8796	0.8796	0.002	0.002	0.015	0.006	0.016	11:16:18	No

=====
 Element: Sb Seq. No.: 43 AS Loc.: 24 Date: 09/24/2001

Sample ID: 23322

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4777	-0.4777	-0.003	-0.002	0.013	0.015	0.020	11:18:55	No

=====
 Element: Sb Seq. No.: 44 AS Loc.: 25 Date: 09/24/2001

Sample ID: 23323

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.0979	-0.0979	-0.002	-0.001	0.014	0.014	0.014	11:21:33	No

=====
 Element: Sb Seq. No.: 45 AS Loc.: 26 Date: 09/24/2001

Sample ID: 23324

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.8707	-0.8707	-0.004	-0.004	0.014	0.016	0.016	11:24:14	No

=====
 Element: Sb Seq. No.: 46 AS Loc.: 27 Date: 09/24/2001

Sample ID: 23325

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	0.5461	0.5461	0.001	0.001	0.012	0.009	0.015	11:26:57	No

=====

Element: Sb Seq. No.: 47 AS Loc.: 28 Date: 09/24/2001

Sample ID: 23325

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	0.8515	0.8515	0.002	0.002	0.013	0.011	0.017	11:29:41	No

=====

Element: Sb Seq. No.: 48 AS Loc.: 29 Date: 09/24/2001

Sample ID: 23340

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	0.0078	0.0078	-0.001	-0.001	0.016	0.011	0.017	11:32:26	No

=====

Element: Sb Seq. No.: 49 AS Loc.: 30 Date: 09/24/2001

Sample ID: 23341

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	-0.1157	-0.1157	-0.002	-0.001	0.018	0.012	0.018	11:35:13	No

=====

Element: Sb Seq. No.: 50 AS Loc.: 31 Date: 09/24/2001

Sample ID: 23342

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	0.9030	0.9030	0.002	0.002	0.014	0.008	0.013	11:37:58	No

=====

Element: Sb Seq. No.: 51 AS Loc.: 32 Date: 09/24/2001

Sample ID: 23343

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	-0.7130	-0.7130	-0.004	-0.003	0.010	0.011	0.013	11:40:42	No

=====

Element: Sb Seq. No.: 52 AS Loc.: 33 Date: 09/24/2001

Sample ID: 23344

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.3477	0.3477	0.000	0.000	0.013	0.011	0.015	11:43:24	No

=====
 Element: Sb Seq. No.: 53 AS Loc.: 2 Date: 09/24/2001

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	11.37	11.37	0.038	0.038	0.038	0.006	0.019	11:46:03	No

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

=====
 Element: Sb Seq. No.: 54 AS Loc.: 2 Date: 09/24/2001

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	10.88	10.88	0.036	0.036	0.045	0.008	0.013	11:48:41	No

QC value within specified limits.

=====
 Element: Sb Seq. No.: 55 AS Loc.: 3 Date: 09/24/2001

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	0.8528	0.8528	0.002	0.002	0.012	0.008	0.014	11:51:18	No

=====
 Element: Sb Seq. No.: 56 AS Loc.: 34 Date: 09/24/2001

Sample ID: 23345

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.1867	0.1867	-0.001	0.000	0.014	0.013	0.016	11:53:58	No

=====
 Element: Sb Seq. No.: 57 AS Loc.: 34 Date: 09/24/2001

Sample ID: 23345

μL dispensed: 5 from 37, 10 from 38, 20 from 34

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	6.130	6.130	0.020	0.020	0.029	0.012	0.014	11:56:42	No

Recovery is 59.4% (outside of specified limits)

=====
 Element: Sb Seq. No.: 58 AS Loc.: 34 Date: 09/24/2001

Sample ID: 23345

μL dispensed: 25 from 36, 5 from 37, 5 from 34

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	12.12	3.030	0.009	0.010	0.017	0.013	0.013	11:59:21	No

↑
 CARRY OVER

=====
Element: Sb Seq. No.: 59 AS Loc.: 34 Date: 09/24/2001

Sample ID: 23345

 μ L dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 34

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Height	Area	Height		Stored
1	33.86	8.464	0.028	0.028	0.027	0.015	0.016	12:02:10	No

Recovery is 54.3% (outside of specified limits)

=====
Element: Sb Seq. No.: 60 AS Loc.: 35 Date: 09/24/2001

Sample ID: 23345dup

 μ L dispensed: 10 from 36, 5 from 37, 20 from 35

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Height	Area	Height		Stored
1	-0.0431	-0.0431	-0.001	-0.001	0.014	0.019	0.016	12:04:50	No

=====

Element: Sb Seq. No.: 60 AS Loc.: 35 Date: 09/24/2001

Sample ID: 23345dup

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.0603	-0.0603	-0.001	-0.001	0.011	0.014	0.015	12:09:20	No

=====

Element: Sb Seq. No.: 61 AS Loc.: 35 Date: 09/24/2001

Sample ID: 23345dup

μL dispensed: 5 from 37, 10 from 38, 20 from 35

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.978	5.978	0.019	0.020	0.029	0.009	0.013	12:12:03	No

Recovery is 59.8% (outside of specified limits)

=====

Element: Sb Seq. No.: 62 AS Loc.: 35 Date: 09/24/2001

Sample ID: 23345dup

μL dispensed: 25 from 36, 5 from 37, 5 from 35

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.009	1.002	0.002	0.003	0.015	0.015	0.013	12:14:41	No

=====

Element: Sb Seq. No.: 63 AS Loc.: 35 Date: 09/24/2001

Sample ID: 23345dup

μL dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 35

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	31.45	7.861	0.026	0.026	0.031	0.012	0.014	12:17:28	No

Recovery is 68.6% (outside of specified limits)

=====

Element: Sb Seq. No.: 64 AS Loc.: 2 Date: 09/24/2001

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	12.18	12.18	0.040	0.041	0.051	0.007	0.016	12:20:05	No

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

=====

Element: Sb Seq. No.: 65 AS Loc.: 2 Date: 09/24/2001

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	9.824	9.824	0.032	0.033	0.043	0.014	0.015	12:22:42	No

QC value within specified limits.

=====
Element: Sb Seq. No.: 66 AS Loc.: 3 Date: 09/24/2001

Sample ID: CB

 μ L dispensed: 10 from 36, 5 from 37, 20 from 3
=====

Repl #	SampleConc μ g/L	StndConc μ g/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	1.207	1.207	0.003	0.003	0.013	0.008	0.012	12:25:20	No

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

Date: 09/24/2001

Technique: Furnace

Calibration Equation: Calc. Intercept: Meth. of Add.

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.: 67 AS Loc.: 36 Date: 09/24/2001

Sample ID: Calib Blank

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			-0.001	-0.001	0.014	0.010	0.017	12:28:42	No

Auto-zero performed.

Element: Sb Seq. No.: 68 AS Loc.: 6 Date: 09/24/2001

Sample ID: 21393

µL dispensed: 20 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			0.005	0.004	0.012	0.065	0.041	12:31:17	No

Element: Sb Seq. No.: 69 AS Loc.: 38 Date: 09/24/2001

Sample ID: S5

µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 6

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.008	0.006	0.019	0.119	0.114	12:34:05	No

Addition number 1 applied. [5]

Correlation Coefficient: 1.0000

Slope: 0.0006

Element: Sb Seq. No.: 70 AS Loc.: 38 Date: 09/24/2001

Sample ID: S10

µL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 6

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.025	0.024	0.035	0.093	0.071	12:36:52	No

Addition number 2 applied. [10]

Correlation Coefficient: 0.9246

Slope: 0.0021

Element: Sb Seq. No.: 71 AS Loc.: 38 Date: 09/24/2001

Sample ID: S15

µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 6

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.038	0.037	0.038	0.216	0.136	12:39:40	No

Addition number 3 applied. [15]

Correlation Coefficient: 0.9702

Slope: 0.0024

Element: Sb Seq. No.: 72 AS Loc.: 38 Date: 09/24/2001

Sample ID: S20

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

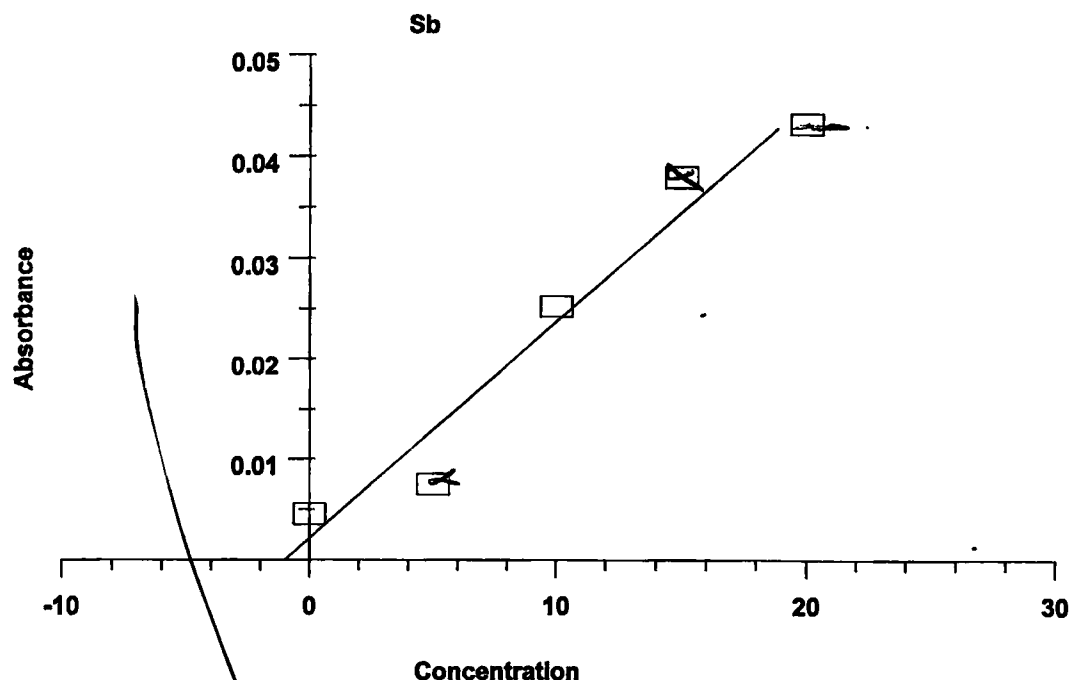
Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.043	0.042	0.046	0.101	0.063	12:42:18	No

The calibration curve may not be linear.

Addition number 4 applied. [20]

Correlation Coefficient: 0.9777

Slope: 0.0022



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	---	-2.109	---	---
S5	0.008	5	1.374	---	---
S10	0.025	10	9.593	---	---
S15	0.038	15	15.49	---	---
S20	0.043	20	17.94	---	---

Correlation Coefficient: 0.97771 Slope: 0.00216 Intercept: 0.002

[Sb] Sample Concentration 0.9887 μg/L

SS = 0.015 r = .9992

The calibration curve has been edited.

=====
 Element: Sb Seq. No.: 73 AS Loc.: 38 Date: 09/24/2001

Sample ID: S5

μL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 6

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.015	0.014	0.026	0.200	0.127	12:45:15	No

Addition number 1 applied. [5]

Correlation Coefficient: 0.9992

Slope: 0.0019

[Sb] Sample Concentration 2.685 μg/L

=====
 Element: Sb Seq. No.: 74 AS Loc.: 38 Date: 09/24/2001

Sample ID: S15

μL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 6

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.039	0.038	0.037	0.174	0.080	12:48:04	No

Addition number 3 applied. [15]

Correlation Coefficient: 0.9922

Slope: 0.0020

[Sb] Sample Concentration 2.563 μg/L