

Sample Information File Untitled

Description : As Pot 10/15/01
 Batch ID :
 Volume Units :
 Weight Units :
 Analyst :
 Sample Volume : 1.000
 Nominal Weight : 1.000000

DATE ANALYZED	10/15/01
TIME ANALYZED	4:00
ANALYST INITIALS	mg
REVIEWED BY	[Signature]

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
1 QCS			
2 IPC			
3 CB			
4 LFB			
5 LRB			
6 ERA		25.0000	
7 State Sample			
8 23812			

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

Date: 10/15/2001
Technique: Furnace Calibration Equation: Calc. Intercept: Linear
Wavelength: 217.6 nm Slit Width: 0.70 nm
Lamp Current: 0 Energy: 57
Sample Info File: Untitled Results Data Set:

Element: Sb Seq. No.: 48 AS Loc.: 36 Date: 10/15/2001
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			-0.001	0.001	0.012	-0.010	0.013	15:51:26	No

Auto-zero performed. ✓

Element: Sb Seq. No.: 49 AS Loc.: 38 Date: 10/15/2001
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			0.015	0.016	0.028	-0.007	0.013	15:54:03	No

Standard number 1 applied. [5]
Correlation Coefficient: 1.0000 Slope: 0.0030

Element: Sb Seq. No.: 50 AS Loc.: 38 Date: 10/15/2001
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	0.040	-0.008	0.015	15:56:45	No

Standard number 2 applied. [10]
Correlation Coefficient: 0.9992 Slope: 0.0032

Element: Sb Seq. No.: 51 AS Loc.: 38 Date: 10/15/2001
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			0.045	0.045	0.051	-0.003	0.015	15:59:27	No

Standard number 3 applied. [15]
Correlation Coefficient: 0.9981 Slope: 0.0030

=====
 Element: Sb Seq. No.: 52 AS Loc.: 38 Date: 10/15/2001

Sample ID: S20

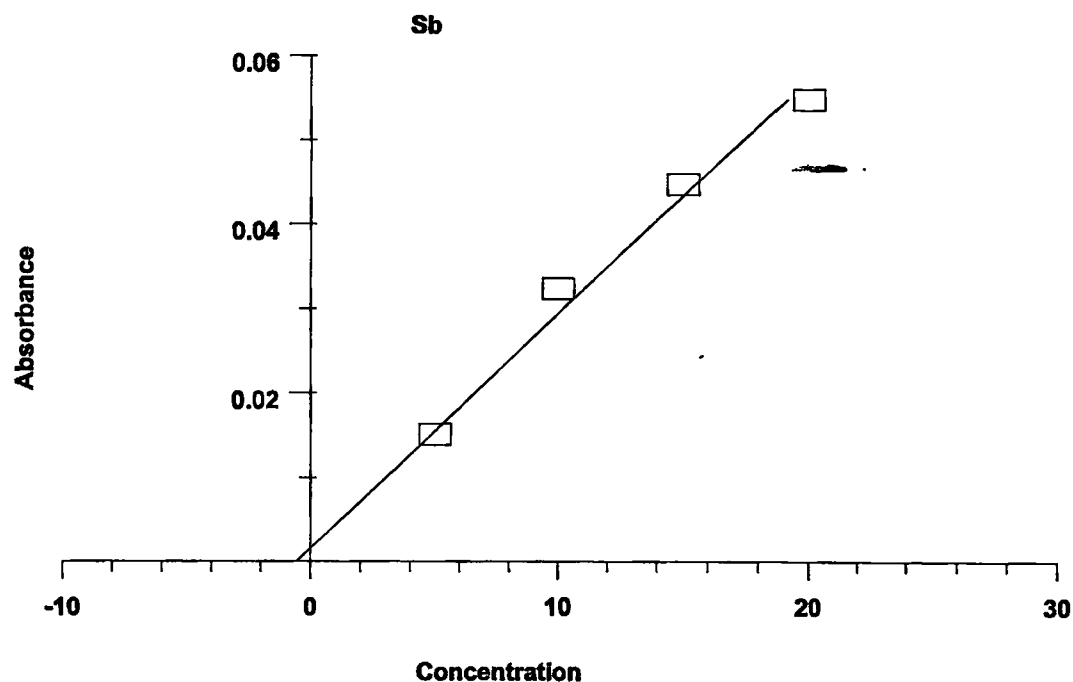
μL dispensed: 10 from 36, 5 from 37, 20 from 38

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.055	0.055	0.066	-0.001	0.017	16:02:09	No

Standard number 4 applied. [20]

Correlation Coefficient: 0.9951

Slope: 0.0028



 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	----	-0.5512	----	----
S5	0.015	5	4.862	----	----
S10	0.032	10	11.06	----	----
S15	0.045	15	15.50	----	----
S20	0.055	20	19.13	----	----

Correlation Coefficient: 0.99513 Slope: 0.00279 Intercept: 0.002

 The calibration curve has been edited.

=====
 Element: Sb Seq. No.: 53 AS Loc.: 38 Date: 10/15/2001

Sample ID: S20

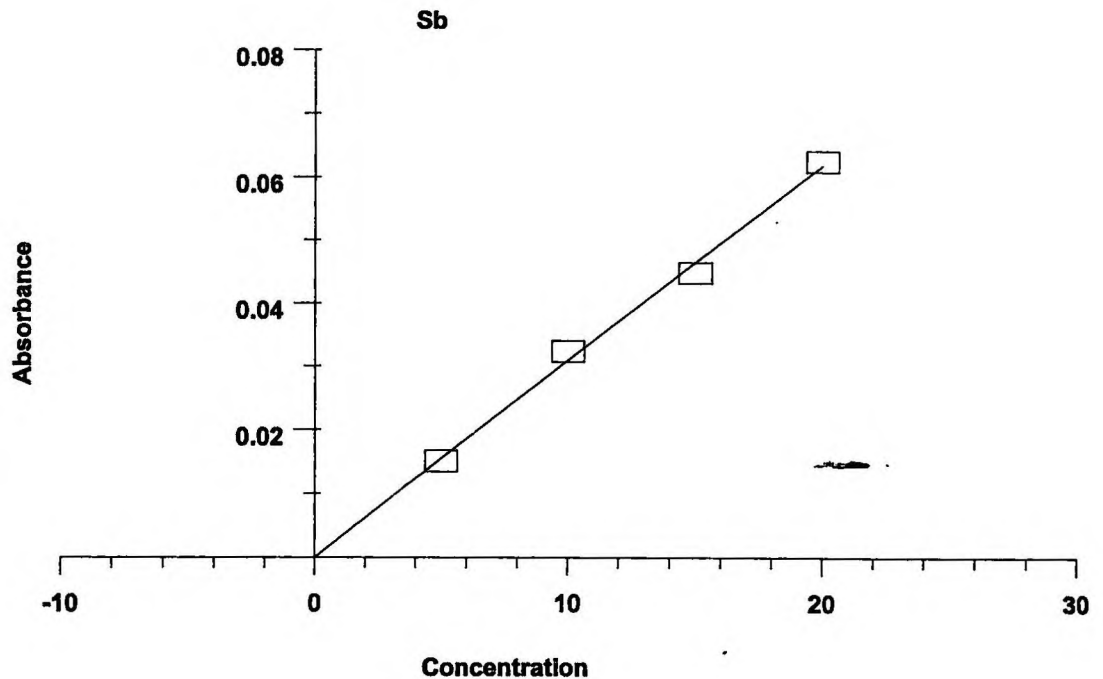
μL dispensed: 10 from 36, 5 from 37, 20 from 38

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.062	0.063	0.067	-0.003	0.018	16:05:06	No

Standard number 4 applied. [20]

Correlation Coefficient: 0.9989

Slope: 0.0031



Calibration data for Sb

Standard ID	Mean Signal (Pk Area)	Entered Concentration ($\mu\text{g/L}$)	Calculated Concentration ($\mu\text{g/L}$)	Standard Deviation	%RSD
Calib Blank	0.000	----	-0.0040	----	----
S5	0.015	5	4.875	----	----
S10	0.032	10	10.46	----	----
S15	0.045	15	14.46	----	----
S20	0.062	20	20.20	----	----
Correlation Coefficient: 0.99888 Slope: 0.00309 Intercept: 0.000					

=====
 Element: Sb Seq. No.: 54 AS Loc.: 1 Date: 10/15/2001
 Sample ID: QCS
 μL dispensed: 10 from 36, 5 from 37, 20 from 1

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	12.09	12.09	0.037	0.038	0.045	-0.004	0.014	16:08:22	No

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

=====
 Element: Sb Seq. No.: 55 AS Loc.: 1 Date: 10/15/2001
 Sample ID: QCS
 μL dispensed: 10 from 36, 5 from 37, 20 from 1

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	10.82	10.82	0.033	0.034	0.037	-0.005	0.017	16:11:00	No

QC value within specified limits.

=====
 Element: Sb Seq. No.: 56 AS Loc.: 2 Date: 10/15/2001

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	9.985	9.985	0.031	0.032	0.039	-0.006	0.011	16:13:36	No

QC value within specified limits.

=====
 Element: Sb Seq. No.: 57 AS Loc.: 3 Date: 10/15/2001

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	2.183	2.183	0.007	0.007	0.015	-0.012	0.010	16:16:13	No

=====
 Element: Sb Seq. No.: 58 AS Loc.: 4 Date: 10/15/2001

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	18.07	18.07	0.056	0.057	0.068	-0.002	0.015	16:18:50	No

QC value within specified limits.

=====
 Element: Sb Seq. No.: 59 AS Loc.: 5 Date: 10/15/2001

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	0.2475	0.2475	0.001	0.001	0.013	-0.012	0.011	16:21:28	No

=====
 Element: Sb Seq. No.: 60 AS Loc.: 6 Date: 10/15/2001

Sample ID: ERA

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	481.3	19.28	0.060	0.060	0.073	0.001	0.015	16:24:06	No

=====
 Element: Sb Seq. No.: 61 AS Loc.: 7 Date: 10/15/2001

Sample ID: State Sample

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	42.50	42.50	0.131	0.132	0.119	0.006	0.022	16:26:46	No

Sample absorbance is greater than that of the highest standard.

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

Date: 10/15/2001
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 217.6 nm Slit Width: 0.70 nm
 Lamp Current: 0 Energy: 57
 Sample Info File: Untitled Results Data Set:

=====
 Element: Sb Seq. No.: 61 AS Loc.: 8 Date: 10/15/2001
 Sample ID: 23812
 µL dispensed: 10 from 36, 5 from 37, 20 from 8

Repl	Sample Conc	Stnd Conc	Blnk Corr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	1.188	1.188	0.004	0.004	0.014	0.011	0.016	16:29:57	No

dilute again?

=====

Element: Sb Seq. No.: 62 AS Loc.: 2 Date: 10/15/2001

Sample ID: IPC

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

Repl	SampleConc	StndConc	BlncCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	μg/L	μg/L	Signal	Area	Height	Area	Height		Stored
1	10.37	10.37	0.032	0.033	0.034	-0.005	0.013	16:32:38	No

QC value within specified limits.

=====

Element: Sb Seq. No.: 63 AS Loc.: 3 Date: 10/15/2001

Sample ID: CB

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

Repl	SampleConc	StndConc	BlncCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	μg/L	μg/L	Signal	Area	Height	Area	Height		Stored
1	1.217	1.217	0.004	0.004	0.015	-0.009	0.011	16:35:15	No