

Sample Information File Untitled

Description : Sb Pot 10/12/01
 Batch ID :
 Volume Units :
 Weight Units :
 Analyst :
 Sample Volume : 1.000
 Nominal Weight : 1.000000

DATE ANALYZED	10/12/01
TIME ANALYZED	9:00
ANALYST INITIALS	mo
REVIEWED BY	AB

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
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1 QCS
 2 IPC
 3 CB
 4 LFB
 5 LRB
 6 24694 - gp ✓
 7 24694dup
 8 24695
 9 24696
 10 24697
 11 24698
 12 24699
 13 24700
 14 24730
 15 24731
 16 24732 - gp ✓
 17 24872
 18 24873
 19 24874
 20 24875
 21 24876
 22 24877
 23 24878
 24 24879
 25 24880
 26 24881

All DEP

QC Reviewed by,
 11/17/01

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

Date: 10/12/2001

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.: 1 AS Loc.: 36 Date: 10/12/2001
Sample ID: Calib Blank
µL dispensed: 10 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	0.016	0.012	0.017	09:25:24	No

Auto-zero performed. ✓

Element: Sb Seq. No.: 2 AS Loc.: 38 Date: 10/12/2001
Sample ID: S5
µL dispensed: 25 from 36, 5 from 37, 5 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.019	0.018	0.022	0.004	0.014	09:28:00	No

Standard number 1 applied. [5] ✓
Correlation Coefficient: 1.0000 Slope: 0.0039

Element: Sb Seq. No.: 3 AS Loc.: 38 Date: 10/12/2001
Sample ID: S10
µL dispensed: 20 from 36, 5 from 37, 10 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.033	0.031	0.030	0.008	0.015	09:30:43	No

Standard number 2 applied. [10] ✓
Correlation Coefficient: 0.9938 Slope: 0.0033

Element: Sb Seq. No.: 4 AS Loc.: 38 Date: 10/12/2001
Sample ID: S15
µL dispensed: 15 from 36, 5 from 37, 15 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.046	0.045	0.034	0.013	0.017	09:33:25	No

Standard number 3 applied. [15] ✓
Correlation Coefficient: 0.9951 Slope: 0.0030

Element: Sb Seq. No.: 5 AS Loc.: 38 Date: 10/12/2001

Sample ID: S20

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

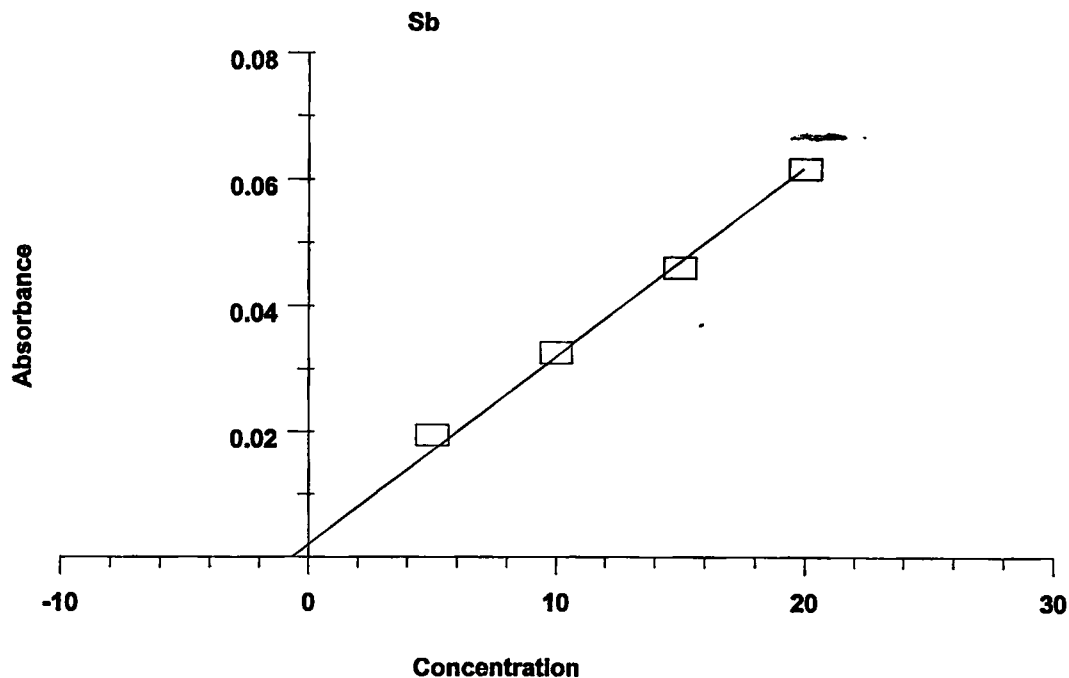
Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.062	0.060	0.046	0.010	0.014	09:36:07	No

The calibration curve may not be linear.

Standard number 4 applied. [20] ✓

Correlation Coefficient: 0.9975

Slope: 0.0030



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	----	-0.6588	----	----
S5	0.019	5	5.833	----	----
S10	0.033	10	10.22	----	----
S15	0.046	15	14.70	----	----
S20	0.062	20	19.91	----	----

Correlation Coefficient: 0.99746 ✓ Slope: 0.00300 Intercept: 0.002

The calibration curve has been edited.

when edit

=====

Element: Sb Seq. No.: 6 AS Loc.: 38 Date: 10/12/2001

Sample ID: S5

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

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.022	0.021	0.023	-0.001	0.011	09:40:19	No

Standard number 1 applied. [5]

Correlation Coefficient: 0.9927

Slope: 0.0029

The calibration curve has been edited.

=====

Element: Sb Seq. No.: 7 AS Loc.: 38 Date: 10/12/2001

Sample ID: S5

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

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.018	0.016	0.019	0.005	0.021	09:43:09	No

Standard number 1 applied. [5]

Correlation Coefficient: 0.9990

Slope: 0.0030

=====

Element: Sb Seq. No.: 8 AS Loc.: 1 Date: 10/12/2001

Sample ID: QCS

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

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	13.46	13.46	0.042	0.041	0.029	0.003	0.013	09:46:01	No

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

=====

Element: Sb Seq. No.: 9 AS Loc.: 1 Date: 10/12/2001

Sample ID: QCS

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

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	12.73	12.73	0.040	0.038	0.030	0.002	0.014	09:48:38	No

=====

Element: Sb Seq. No.: 12 AS Loc.: 1 Date: 10/12/2001

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	9.299	9.299	0.029	0.028	0.023	-0.003	0.013	10:03:43	No

QC value within specified limits.

=====

Element: Sb Seq. No.: 13 AS Loc.: 2 Date: 10/12/2001

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	-0.2482	-0.2482	0.000	-0.001	0.015	-0.003	0.011	10:06:20	No

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

=====

Element: Sb Seq. No.: 14 AS Loc.: 2 Date: 10/12/2001

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	10.15	10.15	0.032	0.031	0.022	0.004	0.014	10:08:58	No

QC value within specified limits.

=====

Element: Sb Seq. No.: 15 AS Loc.: 3 Date: 10/12/2001

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	0.3994	0.3994	0.002	0.001	0.012	-0.001	0.012	10:11:35	No

=====

Element: Sb Seq. No.: 16 AS Loc.: 4 Date: 10/12/2001

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	20.33	20.33	0.063	0.062	0.048	0.006	0.016	10:14:12	No

QC value within specified limits.

=====

Element: Sb Seq. No.: 17 AS Loc.: 5 Date: 10/12/2001

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	2.291	2.291	0.008	0.007	0.018	-0.002	0.014	10:16:49	No

=====
 Element: Sb Seq. No.: 18 AS Loc.: 6 Date: 10/12/2001
 Sample ID: 24694
 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	1.672	1.672	0.006	0.005	0.016	0.006	0.012	10:19:29	No

=====
 Element: Sb Seq. No.: 19 AS Loc.: 6 Date: 10/12/2001
 Sample ID: 24694
 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	8.938	8.938	0.028	0.027	0.022	-0.001	0.012	10:22:06	No

Recovery is 72.7%

=====
 Element: Sb Seq. No.: 20 AS Loc.: 7 Date: 10/12/2001
 Sample ID: 24694dup
 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	1.110	1.110	0.005	0.003	0.014	0.003	0.013	10:24:47	No

=====
 Element: Sb Seq. No.: 21 AS Loc.: 8 Date: 10/12/2001
 Sample ID: 24695
 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	1.477	1.477	0.006	0.004	0.017	0.002	0.014	10:27:30	No

=====
 Element: Sb Seq. No.: 22 AS Loc.: 9 Date: 10/12/2001
 Sample ID: 24696
 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	0.3049	0.3049	0.002	0.001	0.013	0.006	0.012	10:30:12	No

=====
 Element: Sb Seq. No.: 23 AS Loc.: 10 Date: 10/12/2001
 Sample ID: 24697
 µL dispensed: 10 from 36, 5 from 37, 20 from 10

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.4103	0.4103	0.002	0.001	0.015	0.005	0.012	10:32:56	No

=====
 Element: Sb Seq. No.: 24 AS Loc.: 11 Date: 10/12/2001

Sample ID: 24698

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.1457	0.1457	0.002	0.000	0.013	0.004	0.012	10:35:41	No

=====
 Element: Sb Seq. No.: 25 AS Loc.: 12 Date: 10/12/2001

Sample ID: 24699

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2389	-0.2389	0.001	-0.001	0.012	0.004	0.015	10:38:27	No

=====
 Element: Sb Seq. No.: 26 AS Loc.: 13 Date: 10/12/2001

Sample ID: 24700

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.0080	0.0080	0.001	0.000	0.014	0.005	0.016	10:41:14	No

=====
 Element: Sb Seq. No.: 27 AS Loc.: 14 Date: 10/12/2001

Sample ID: 24730

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.8470	0.8470	0.004	0.002	0.013	0.004	0.014	10:44:00	No

=====
 Element: Sb Seq. No.: 28 AS Loc.: 2 Date: 10/12/2001

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	8.950	8.950	0.028	0.027	0.025	-0.002	0.012	10:46:41	No

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

=====
 Element: Sb Seq. No.: 29 AS Loc.: 2 Date: 10/12/2001

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	10.57	10.57	0.033	0.032	0.027	-0.001	0.011	10:49:19	No

QC value within specified limits.

=====
 Element: Sb Seq. No.: 30 AS Loc.: 3 Date: 10/12/2001

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	1.692	1.692	0.006	0.005	0.015	-0.004	0.012	10:51:56	No

=====
 Element: Sb Seq. No.: 31 AS Loc.: 15 Date: 10/12/2001

Sample ID: 24731

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.8121	0.8121	0.004	0.002	0.012	0.004	0.015	10:54:40	No

=====
 Element: Sb Seq. No.: 32 AS Loc.: 16 Date: 10/12/2001

Sample ID: 24732

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.1450	0.1450	0.002	0.000	0.014	0.003	0.014	10:57:23	No

=====
 Element: Sb Seq. No.: 33 AS Loc.: 16 Date: 10/12/2001

Sample ID: 24732

μL dispensed: 5 from 37, 10 from 38, 20 from 16

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	9.382	9.382	0.030	0.028	0.028	-0.009	0.010	11:00:08	No

Recovery is 92.4%

=====
 Element: Sb Seq. No.: 34 AS Loc.: 17 Date: 10/12/2001

Sample ID: 24872

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

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	1.672	1.672	0.006	0.005	0.013	0.001	0.015	11:02:50	No

=====
 Element: Sb Seq. No.: 35 AS Loc.: 18 Date: 10/12/2001

Sample ID: 24873

μL dispensed: 10 from 36, 5 from 37, 20 from 18

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.8044	-0.8044	-0.001	-0.003	0.011	0.007	0.013	11:05:32	No

=====

Element: Sb Seq. No.: 36 AS Loc.: 19 Date: 10/12/2001

Sample ID: 24874

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	0.4887	0.4887	0.003	0.001	0.011	0.004	0.013	11:08:12	No

=====

Element: Sb Seq. No.: 37 AS Loc.: 20 Date: 10/12/2001

Sample ID: 24875

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	0.6084	0.6084	0.003	0.002	0.011	0.003	0.011	11:10:51	No

=====

Element: Sb Seq. No.: 38 AS Loc.: 21 Date: 10/12/2001

Sample ID: 24876

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	-0.3273	-0.3273	0.000	-0.001	0.013	0.004	0.011	11:13:29	No

=====

Element: Sb Seq. No.: 39 AS Loc.: 22 Date: 10/12/2001

Sample ID: 24877

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	-0.3660	-0.3660	0.000	-0.001	0.015	0.008	0.014	11:16:06	No

=====

Element: Sb Seq. No.: 40 AS Loc.: 23 Date: 10/12/2001

Sample ID: 24878

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	0.7493	0.7493	0.004	0.002	0.016	0.002	0.014	11:18:43	No

=====

Element: Sb Seq. No.: 41 AS Loc.: 2 Date: 10/12/2001

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	8.999	8.999	0.029	0.027	0.023	0.001	0.010	11:21:22	No

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

=====
 Element: Sb Seq. No.: 42 AS Loc.: 2 Date: 10/12/2001

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	7.871	7.871	0.025	0.024	0.021	0.003	0.012	11:24:00	No

QC out of limits. Current analytical sequence continued.

=====
 Element: Sb Seq. No.: 43 AS Loc.: 3 Date: 10/12/2001

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	1.040	1.040	0.004	0.003	0.012	-0.003	0.012	11:26:37	No

=====
 Element: Sb Seq. No.: 44 AS Loc.: 24 Date: 10/12/2001

Sample ID: 24879

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	1.585	1.585	0.006	0.005	0.012	0.001	0.014	11:29:14	No

=====
 Element: Sb Seq. No.: 45 AS Loc.: 25 Date: 10/12/2001

Sample ID: 24880

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	0.1964	0.1964	0.002	0.000	0.010	0.003	0.011	11:31:55	No

=====
 Element: Sb Seq. No.: 46 AS Loc.: 26 Date: 10/12/2001

Sample ID: 24881

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	-0.1407	-0.1407	0.001	-0.001	0.014	0.003	0.012	11:34:36	No

=====
 Element: Sb Seq. No.: 47 AS Loc.: 2 Date: 10/12/2001

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	10.07	10.07	0.032	0.030	0.022	0.002	0.012	11:37:17	No

QC value within specified limits.

```

=====
Element: Sb      Seq. No.: 48      AS Loc.: 3      Date: 10/12/2001
Sample ID: CB
µL dispensed: 10 from 36, 5 from 37, 20 from 3
=====
Repl   SampleConc   StndConc   BlnkCorr   Peak   Peak   Bkgnd   Bkgnd   Time   Peak
#      µg/L        µg/L        Signal    Area   Height Area   Height                Stored
1      0.9255      0.9255      0.004     0.003   0.013  -0.005  0.009  11:39:55 No

```