
Sample Information File Untitled

Description : Sn 1/7/01
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 31374			
7 31374dup			
8 31375			
9 31376			
10 31378			
11 31379			
12 31380			
13 31401			
14 31402			
15 31403			
16 31404			
17 31405			
18 31406			
19 31407			
20 31432			
21 31433			
22 31456			
23 31457			
24 31458			
25 31460			
26 31461			
27 31461dup			
28 31462			
29 31464			
30 31465			
31 31466			
32 31498			
33 31499			
34 31500			
35 31501			
39 31502			
40 31503			

Reviewed by,
CS 8/14/02

Method Name: SnHGA Element: Sn
 Method Description: Snhga SM3113 B

Date: 01/07/2002

Technique: Furnace

Wavelength: 286.3 nm

Lamp Current: 30

Sample Info File: Untitled

Calibration Equation: Calc. Intercept: Linear

Slit Width: 0.70 nm

Energy: 56

Results Data Set:

Element: Sn Seq. No.: 1 AS Loc.: 36 Date: 01/07/2002

Sample ID: Calib Blank

µL dispensed: 8 from 36, 5 from 37, 12 from 36

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.005	0.005	0.008	0.020	0.027	10:44:27	No

Auto-zero performed. ✓

Element: Sn Seq. No.: 2 AS Loc.: 38 Date: 01/07/2002

Sample ID: s50

µL dispensed: 17 from 36, 5 from 37, 3 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.021	0.025	0.044	0.015	0.034	10:47:04	No

Standard number 1 applied. [50.0]

Correlation Coefficient: 1.0000 ✓

Slope: 0.0004

Element: Sn Seq. No.: 3 AS Loc.: 38 Date: 01/07/2002

Sample ID: s100

µL dispensed: 14 from 36, 5 from 37, 6 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.036	0.041	0.081	0.021	0.036	10:49:45	No

Standard number 2 applied. [100.0]

Correlation Coefficient: 0.9966 ✓

Slope: 0.0004

Element: Sn Seq. No.: 4 AS Loc.: 38 Date: 01/07/2002

Sample ID: s150

µL dispensed: 11 from 36, 5 from 37, 9 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.053	0.058	0.114	0.021	0.038	10:52:27	No

Standard number 3 applied. [150.0]

Correlation Coefficient: 0.9984 ✓

Slope: 0.0004

Element: Sn Seq. No.: 5 AS Loc.: 38 Date: 01/07/2002

Sample ID: s200

µL dispensed: 8 from 36, 5 from 37, 12 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.070	0.074	0.143	0.024	0.041	10:55:08	No

The calibration curve may not be linear.

Standard number 4 applied. [200.0]

Correlation Coefficient: 0.9989 ✓

Slope: 0.0003

*all rerun
ref failed*

Element: Sn Seq. No.: 6 AS Loc.: 1 Date: 01/07/2002

Sample ID: QCS

µL dispensed: 8 from 36, 5 from 37, 12 from 1

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	92.97 ✓	92.97	0.033	0.038	0.074	0.018	0.032	10:57:55	No

QC value within specified limits.

Element: Sn Seq. No.: 7 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	97.34 ✓	97.34	0.035	0.040	0.075	0.015	0.031	11:00:30	No

QC value within specified limits.

Element: Sn Seq. No.: 8 AS Loc.: 3 Date: 01/07/2002

Sample ID: CB

µL dispensed: 8 from 36, 5 from 37, 12 from 3

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-13.77 ✓	-13.77	-0.003	0.002	0.005	0.012	0.025	11:03:07	No

Element: Sn Seq. No.: 9 AS Loc.: 4 Date: 01/07/2002

Sample ID: LFB

µL dispensed: 8 from 36, 5 from 37, 12 from 4

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	190.0 ✓	190.0	0.067	0.072	0.145	0.021	0.038	11:05:42	No

QC value within specified limits.

Element: Sn Seq. No.: 10 AS Loc.: 5 Date: 01/07/2002

Sample ID: LRB

µL dispensed: 8 from 36, 5 from 37, 12 from 5

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-15.38 ✓	-15.38	-0.004	0.001	0.005	0.013	0.024	11:08:19	No

Element: Sn Seq. No.: 11 AS Loc.: 6 Date: 01/07/2002

Sample ID: 31374

µL dispensed: 8 from 36, 5 from 37, 12 from 6

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-11.02	-11.02	-0.002	0.002	0.004	0.018	0.030	11:10:57	No

Element: Sn Seq. No.: 12 AS Loc.: 6 Date: 01/07/2002

Sample ID: 31374 *spike*

µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 6

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	41.02	41.02	0.016	0.020	0.042	0.019	0.030	11:13:43	No

Recovery is 82.0% (outside of specified limits)

Element: Sn Seq. No.: 13 AS Loc.: 6 Date: 01/07/2002

Sample ID: 31374

µL dispensed: 16 from 36, 5 from 37, 4 from 6

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-46.07	-15.36	-0.004	0.001	0.005	0.015	0.028	11:16:20	No

Element: Sn Seq. No.: 14 AS Loc.: 6 Date: 01/07/2002

Sample ID: 31374

µL dispensed: 13 from 36, 5 from 37, 3 from 38, 4 from 6

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	130.8	43.61	0.017	0.021	0.042	0.019	0.031	11:19:06	No

Recovery is 87.2% *high spike ok*

Element: Sn Seq. No.: 15 AS Loc.: 7 Date: 01/07/2002

Sample ID: 31374dup

µL dispensed: 8 from 36, 5 from 37, 12 from 7

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-18.56	-18.56	-0.005	0.000	0.005	0.019	0.029	11:21:45	No

Element: Sn Seq. No.: 16 AS Loc.: 7 Date: 01/07/2002

Sample ID: 31374dup

µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 7

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	37.51	37.51	0.014	0.019	0.042	0.021	0.031	11:24:31	No

Recovery is 75.0% (outside of specified limits)

41.02 9% RPD

Element: Sn Seq. No.: 17 AS Loc.: 7 Date: 01/07/2002

Sample ID: 31374dup

µL dispensed: 16 from 36, 5 from 37, 4 from 7

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-22.09	-7.365	-0.001	0.004	0.006	0.014	0.027	11:27:10	No

Element: Sn Seq. No.: 18 AS Loc.: 7 Date: 01/07/2002

Sample ID: 31374dup

µL dispensed: 13 from 36, 5 from 37, 3 from 38, 4 from 7

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	133.1	44.37	0.017	0.022	0.042	0.018	0.031	11:29:55	No

Recovery is 88.7%

130.9 µg

2% RSD

Element: Sn Seq. No.: 19 AS Loc.: 8 Date: 01/07/2002

Sample ID: 31375

µL dispensed: 8 from 36, 5 from 37, 12 from 8

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-16.51	-16.51	-0.004	0.001	0.004	0.019	0.028	11:32:35	No

Element: Sn Seq. No.: 20 AS Loc.: 9 Date: 01/07/2002

Sample ID: 31376

µL dispensed: 8 from 36, 5 from 37, 12 from 9

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.446	-6.446	-0.001	0.004	0.006	0.038	0.034	11:35:16	No

Element: Sn Seq. No.: 21 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	85.40	85.40	0.031	0.036	0.070	0.021	0.030	11:37:57	No

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

Element: Sn Seq. No.: 22 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	82.90	82.90	0.030	0.035	0.070	0.018	0.030	11:40:33	No

QC out of limits. Current analytical sequence continued.

Element: Sn Seq. No.: 23 AS Loc.: 3 Date: 01/07/2002

Sample ID: CB

µL dispensed: 8 from 36, 5 from 37, 12 from 3

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-13.58	-13.58	-0.003	0.002	0.005	0.013	0.020	11:43:09	No

Element: Sn Seq. No.: 24 AS Loc.: 10 Date: 01/07/2002

Sample ID: 31378

µL dispensed: 8 from 36, 5 from 37, 12 from 10

Repl	SampleConc	StndConc	BlncCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-11.73	-11.73	-0.002	0.002	0.006	0.018	0.028	11:45:47	No

Element: Sn Seq. No.: 25 AS Loc.: 11 Date: 01/07/2002

Sample ID: 31379

µL dispensed: 8 from 36, 5 from 37, 12 from 11

Repl	SampleConc	StndConc	BlncCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-19.41	-19.41	-0.005	0.000	0.005	0.020	0.028	11:48:32	No

Element: Sn Seq. No.: 26 AS Loc.: 12 Date: 01/07/2002

Sample ID: 31380

µL dispensed: 8 from 36, 5 from 37, 12 from 12

Repl	SampleConc	StndConc	BlncCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-16.07	-16.07	-0.004	0.001	0.005	0.041	0.035	11:51:17	No

Element: Sn Seq. No.: 27 AS Loc.: 13 Date: 01/07/2002

Sample ID: 31401

µL dispensed: 8 from 36, 5 from 37, 12 from 13

Repl	SampleConc	StndConc	BlncCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-16.89	-16.89	-0.004	0.000	0.006	0.023	0.027	11:54:01	No

Element: Sn Seq. No.: 27 AS Loc.: 36 Date: 01/07/2002
 Sample ID: Calib Blank
 µL dispensed: 8 from 36, 5 from 37, 12 from 36

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			-0.004	0.001	0.005	0.029	0.019	12:07:46	No

Auto-zero performed. ✓

Element: Sn Seq. No.: 28 AS Loc.: 38 Date: 01/07/2002
 Sample ID: s50
 µL dispensed: 17 from 36, 5 from 37, 3 from 38

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.024	0.025	0.061	0.035	0.019	12:10:22	No

Standard number 1 applied. [50.0] ✓
 Correlation Coefficient: 1.0000 Slope: 0.0005

Element: Sn Seq. No.: 29 AS Loc.: 38 Date: 01/07/2002
 Sample ID: s100
 µL dispensed: 14 from 36, 5 from 37, 6 from 38

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.041	0.042	0.091	0.036	0.018	12:13:04	No

Standard number 2 applied. [100.0] ✓
 Correlation Coefficient: 0.9953 Slope: 0.0004

Element: Sn Seq. No.: 30 AS Loc.: 38 Date: 01/07/2002
 Sample ID: s150
 µL dispensed: 11 from 36, 5 from 37, 9 from 38

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.057	0.058	0.134	0.041	0.022	12:15:45	No

Standard number 3 applied. [150.0] ✓
 Correlation Coefficient: 0.9951 Slope: 0.0004

Element: Sn Seq. No.: 31 AS Loc.: 38 Date: 01/07/2002
 Sample ID: s200
 µL dispensed: 8 from 36, 5 from 37, 12 from 38

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.076	0.077	0.169	0.043	0.024	12:18:26	No

The calibration curve may not be linear.
 Standard number 4 applied. [200.0] ✓
 Correlation Coefficient: 0.9971 Slope: 0.0004

Element: Sn Seq. No.: 32 AS Loc.: 1 Date: 01/07/2002

Sample ID: QCS

µL dispensed: 8 from 36, 5 from 37, 12 from 1

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	95.96	95.96	0.038	0.039	0.087	0.038	0.019	12:23:29	No

QC value within specified limits.

Element: Sn Seq. No.: 33 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	93.28	93.28	0.037	0.038	0.087	0.037	0.020	12:26:06	No

QC value within specified limits.

Element: Sn Seq. No.: 34 AS Loc.: 3 Date: 01/07/2002

Sample ID: CB

µL dispensed: 8 from 36, 5 from 37, 12 from 3

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-9.886	-9.886	-0.001	0.000	0.005	0.033	0.021	12:28:42	No

Element: Sn Seq. No.: 35 AS Loc.: 4 Date: 01/07/2002

Sample ID: LFB

µL dispensed: 8 from 36, 5 from 37, 12 from 4

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	207.5	207.5	0.079	0.080	0.178	0.042	0.024	12:31:18	No

QC value within specified limits.

Element: Sn Seq. No.: 36 AS Loc.: 5 Date: 01/07/2002

Sample ID: LRB

µL dispensed: 8 from 36, 5 from 37, 12 from 5

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.806	-3.806	0.001	0.002	0.005	0.028	0.018	12:33:54	No

Element: Sn Seq. No.: 37 AS Loc.: 6 Date: 01/07/2002

Sample ID: 31374

µL dispensed: 8 from 36, 5 from 37, 12 from 6

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.872	-3.872	0.001	0.002	0.005	0.043	0.026	12:36:32	No

Element: Sn Seq. No.: 38 AS Loc.: 6 Date: 01/07/2002
 Sample ID: 31374
 µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 6

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	56.43	56.43	0.024	0.025	0.057	0.041	0.026	12:39:18	No

Recovery is 112.9% ✓

Element: Sn Seq. No.: 39 AS Loc.: 7 Date: 01/07/2002
 Sample ID: 31374dup
 µL dispensed: 8 from 36, 5 from 37, 12 from 7

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.687	-2.687	0.002	0.003	0.005	0.044	0.025	12:41:57	No

Element: Sn Seq. No.: 40 AS Loc.: 7 Date: 01/07/2002
 Sample ID: 31374dup
 µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 7

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	55.55	55.55	0.023	0.024	0.060	0.042	0.025	12:44:42	No

Recovery is 111.1% ✓

Element: Sn Seq. No.: 41 AS Loc.: 8 Date: 01/07/2002
 Sample ID: 31375
 µL dispensed: 8 from 36, 5 from 37, 12 from 8

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-10.13	-10.13	-0.001	0.000	0.004	0.044	0.026	12:47:22	No

Element: Sn Seq. No.: 42 AS Loc.: 9 Date: 01/07/2002
 Sample ID: 31376
 µL dispensed: 8 from 36, 5 from 37, 12 from 9

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-10.09	-10.09	-0.001	0.000	0.006	0.089	0.048	12:50:05	No

Element: Sn Seq. No.: 43 AS Loc.: 10 Date: 01/07/2002
 Sample ID: 31378
 µL dispensed: 8 from 36, 5 from 37, 12 from 10

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.526	-6.526	0.000	0.001	0.006	0.047	0.027	12:52:47	No

Element: Sn Seq. No.: 44 AS Loc.: 11 Date: 01/07/2002

Sample ID: 31379

µL dispensed: 8 from 36, 5 from 37, 12 from 11

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-12.60	-12.60	-0.002	-0.001	0.005	0.045	0.025	12:55:32	No

Element: Sn Seq. No.: 45 AS Loc.: 12 Date: 01/07/2002

Sample ID: 31380

µL dispensed: 8 from 36, 5 from 37, 12 from 12

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-16.66	-16.66	-0.003	-0.002	0.006	0.090	0.046	12:58:17	No

Element: Sn Seq. No.: 46 AS Loc.: 13 Date: 01/07/2002

Sample ID: 31401

µL dispensed: 8 from 36, 5 from 37, 12 from 13

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-15.55	-15.55	-0.003	-0.002	0.006	0.052	0.030	13:01:01	No

Element: Sn Seq. No.: 47 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	88.36	88.36	0.035	0.036	0.085	0.041	0.023	13:03:41	No

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

Element: Sn Seq. No.: 48 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	93.17	93.17	0.037	0.038	0.091	0.046	0.022	13:06:18	No

QC value within specified limits.

Element: Sn Seq. No.: 49 AS Loc.: 3 Date: 01/07/2002

Sample ID: CB

µL dispensed: 8 from 36, 5 from 37, 12 from 3

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.516	-7.516	0.000	0.001	0.004	0.033	0.021	13:08:54	No

Element: Sn Seq. No.: 50 AS Loc.: 14 Date: 01/07/2002

Sample ID: 31402

µL dispensed: 8 from 36, 5 from 37, 12 from 14

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.506	-8.506	0.000	0.001	0.007	0.047	0.028	13:11:36	No

Element: Sn Seq. No.: 51 AS Loc.: 15 Date: 01/07/2002

Sample ID: 31403

µL dispensed: 8 from 36, 5 from 37, 12 from 15

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.946	-2.946	0.002	0.003	0.006	0.047	0.028	13:14:21	No

Element: Sn Seq. No.: 52 AS Loc.: 16 Date: 01/07/2002

Sample ID: 31404

µL dispensed: 8 from 36, 5 from 37, 12 from 16

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-10.49	-10.49	-0.001	0.000	0.005	0.053	0.031	13:17:03	No

Element: Sn Seq. No.: 53 AS Loc.: 16 Date: 01/07/2002

Sample ID: 31404

µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 16

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	45.54	45.54	0.020	0.021	0.056	0.049	0.027	13:19:51	No

Recovery is 91.1% ✓

Element: Sn Seq. No.: 54 AS Loc.: 17 Date: 01/07/2002

Sample ID: 31405

µL dispensed: 8 from 36, 5 from 37, 12 from 17

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.169	-1.169	0.002	0.003	0.006	0.092	0.048	13:22:33	No

Element: Sn Seq. No.: 55 AS Loc.: 18 Date: 01/07/2002

Sample ID: 31406

µL dispensed: 8 from 36, 5 from 37, 12 from 18

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-13.86	-13.86	-0.002	-0.001	0.005	0.049	0.028	13:25:13	No

Element: Sn Seq. No.: 56 AS Loc.: 19 Date: 01/07/2002

Sample ID: 31407

µL dispensed: 8 from 36, 5 from 37, 12 from 19

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.165	-5.165	0.001	0.002	0.007	0.047	0.029	13:27:52	No

Element: Sn Seq. No.: 57 AS Loc.: 20 Date: 01/07/2002

Sample ID: 31432

µL dispensed: 8 from 36, 5 from 37, 12 from 20

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-14.92	-14.92	-0.003	-0.002	0.005	0.053	0.030	13:30:30	No

Element: Sn Seq. No.: 58 AS Loc.: 21 Date: 01/07/2002

Sample ID: 31433

µL dispensed: 8 from 36, 5 from 37, 12 from 21

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-9.033	-9.033	-0.001	0.000	0.005	0.048	0.029	13:33:06	No

Element: Sn Seq. No.: 59 AS Loc.: 22 Date: 01/07/2002

Sample ID: 31456

µL dispensed: 8 from 36, 5 from 37, 12 from 22

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.865	-7.865	0.000	0.001	0.006	0.092	0.048	13:35:42	No

Element: Sn Seq. No.: 60 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	81.90	81.90	0.033	0.034	0.078	0.041	0.022	13:38:19	No

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

Element: Sn Seq. No.: 61 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	87.11	87.11	0.035	0.036	0.083	0.041	0.022	13:40:56	No

QC out of limits. Current analytical sequence continued.

LFS + spike in next batch OK

Stopped run after 31461 dup to check IPC (sipper may not have reached low enough into IPC), repaired
-mo

Very Marginal
but LFS did
pass next
seq 63

Element: Sn Seq. No.: 62 AS Loc.: 3 Date: 01/07/2002
 Sample ID: CB
 µL dispensed: 8 from 36, 5 from 37, 12 from 3

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.533	-5.533	0.001	0.002	0.005	0.032	0.021	13:43:32	No

Element: Sn Seq. No.: 63 AS Loc.: 4 Date: 01/07/2002
 Sample ID: LFB
 µL dispensed: 8 from 36, 5 from 37, 12 from 4

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	215.5	215.5	0.082	0.083	0.191	0.043	0.025	13:46:08	No

QC value within specified limits.

Element: Sn Seq. No.: 64 AS Loc.: 5 Date: 01/07/2002
 Sample ID: LRB
 µL dispensed: 8 from 36, 5 from 37, 12 from 5

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.033	-8.033	0.000	0.001	0.007	0.033	0.019	13:48:45	No

Element: Sn Seq. No.: 65 AS Loc.: 23 Date: 01/07/2002
 Sample ID: 31457
 µL dispensed: 8 from 36, 5 from 37, 12 from 23

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.764	-8.764	-0.001	0.000	0.004	0.042	0.025	13:51:22	No

Element: Sn Seq. No.: 66 AS Loc.: 24 Date: 01/07/2002
 Sample ID: 31458
 µL dispensed: 8 from 36, 5 from 37, 12 from 24

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.758	-4.758	0.001	0.002	0.005	0.041	0.026	13:53:59	No

Element: Sn Seq. No.: 67 AS Loc.: 25 Date: 01/07/2002
 Sample ID: 31460
 µL dispensed: 8 from 36, 5 from 37, 12 from 25

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.024	-5.024	0.001	0.002	0.004	0.087	0.046	13:56:38	No

Element: Sn Seq. No.: 68 AS Loc.: 26 Date: 01/07/2002

Sample ID: 31461

µL dispensed: 8 from 36, 5 from 37, 12 from 26

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.168	-3.168	0.002	0.003	0.007	0.042	0.025	13:59:17	No

Element: Sn Seq. No.: 69 AS Loc.: 26 Date: 01/07/2002

Sample ID: 31461

µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 26

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	50.03	50.03	0.021	0.022	0.057	0.045	0.027	14:02:03	No

Recovery is 100.1%

Element: Sn Seq. No.: 70 AS Loc.: 27 Date: 01/07/2002

Sample ID: 31461dup

µL dispensed: 8 from 36, 5 from 37, 12 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.799	-3.799	0.001	0.002	0.006	0.045	0.026	14:04:44	No

Element: Sn Seq. No.: 71 AS Loc.: 27 Date: 01/07/2002

Sample ID: 31461dup

µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	46.04	46.04	0.020	0.021	0.054	0.023	0.015	14:07:33	No

Recovery is 92.1%

repared TPC (blc sample was low)
8% RPD

Method Name: SnHGA Element: Sn
Method Description: Snhga SM3113 B

Date: 01/07/2002
Technique: Furnace Calibration Equation: Calc. Intercept: Linear
Wavelength: 286.3 nm Slit Width: 0.70 nm
Lamp Current: 30 Energy: 57
Sample Info File: Untitled Results Data Set:

Element: Sn Seq. No.: 72 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	95.75	95.75	0.038	0.039	0.090	0.044	0.023	14:10:40	No

QC value within specified limits.

Element: Sn Seq. No.: 73 AS Loc.: 3 Date: 01/07/2002

Sample ID: CB

µL dispensed: 8 from 36, 5 from 37, 12 from 3

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.203	-3.203	0.002	0.003	0.006	0.029	0.019	14:13:16	No

Element: Sn Seq. No.: 74 AS Loc.: 28 Date: 01/07/2002

Sample ID: 31462

µL dispensed: 8 from 36, 5 from 37, 12 from 28

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.604	-7.604	0.000	0.001	0.005	0.044	0.025	14:15:56	No

Element: Sn Seq. No.: 75 AS Loc.: 29 Date: 01/07/2002

Sample ID: 31464

µL dispensed: 8 from 36, 5 from 37, 12 from 29

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.376	-7.376	0.000	0.001	0.004	0.090	0.049	14:18:41	No

Element: Sn Seq. No.: 76 AS Loc.: 30 Date: 01/07/2002

Sample ID: 31465

µL dispensed: 8 from 36, 5 from 37, 12 from 30

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.565	-2.565	0.002	0.003	0.006	0.045	0.028	14:21:27	No

Element: Sn Seq. No.: 77 AS Loc.: 31 Date: 01/07/2002
 Sample ID: 31466
 µL dispensed: 8 from 36, 5 from 37, 12 from 31

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.475	-4.475	0.001	0.002	0.004	0.041	0.025	14:24:11	No

Element: Sn Seq. No.: 78 AS Loc.: 32 Date: 01/07/2002
 Sample ID: 31498
 µL dispensed: 8 from 36, 5 from 37, 12 from 32

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.592	-5.592	0.001	0.002	0.005	0.047	0.027	14:26:54	No

Element: Sn Seq. No.: 79 AS Loc.: 33 Date: 01/07/2002
 Sample ID: 31499
 µL dispensed: 8 from 36, 5 from 37, 12 from 33

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.760	-8.760	-0.001	0.001	0.004	0.049	0.029	14:29:36	No

Element: Sn Seq. No.: 80 AS Loc.: 34 Date: 01/07/2002
 Sample ID: 31500
 µL dispensed: 8 from 36, 5 from 37, 12 from 34

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.136	-5.136	0.001	0.002	0.005	0.046	0.028	14:32:16	No

Element: Sn Seq. No.: 81 AS Loc.: 35 Date: 01/07/2002
 Sample ID: 31501
 µL dispensed: 8 from 36, 5 from 37, 12 from 35

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.172	-6.172	0.000	0.001	0.005	0.056	0.030	14:34:55	No

Element: Sn Seq. No.: 82 AS Loc.: 39 Date: 01/07/2002
 Sample ID: 31502
 µL dispensed: 8 from 36, 5 from 37, 12 from 39

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-9.336	-9.336	-0.001	0.000	0.004	0.047	0.027	14:37:36	No

Element: Sn Seq. No.: 83 AS Loc.: 40 Date: 01/07/2002
 Sample ID: 31503
 µL dispensed: 8 from 36, 5 from 37, 12 from 40

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.943	-6.943	0.000	0.001	0.005	0.046	0.026	14:40:20	No

=====
Element: Sn Seq. No.: 84 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

µL dispensed: 8 from 36, 5 from 37, 12 from 2
=====

Repl	SampleConc	StndConc	BlncCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	96.81	96.81	0.038	0.039	0.090	0.038	0.020	14:42:59	No

QC value within specified limits.
=====

Element: Sn Seq. No.: 85 AS Loc.: 3 Date: 01/07/2002

Sample ID: CB

µL dispensed: 8 from 36, 5 from 37, 12 from 3
=====

Repl	SampleConc	StndConc	BlncCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	4.459	4.459	0.004	0.005	0.009	0.029	0.020	14:45:35	No

LOD = 100 ppb

Sample Information File Untitled

Description : Sn 1/7/01 (2)
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 31504			
7 31504dup			
8 31549			
9 31550			
10 31551			
11 31585			
12 31586			
13 31587			
14 31588			
15 31589			
16 31590			
17 31591			
18 31631			
19 31632			
20 31633			
21 31637			
22 31638			
23 31639			
24 31640			
25 31641			
26 31642			
27 31642dup			
28 31643			
29 31645			
30 31646			
31 31662			
32 31663			
33 31670			
34 31671			
35 31672			
39 31674			
40 31675			

Method Name: SnHGA Element: Sn
 Method Description: Snhga SM3113 B

Date: 01/07/2002
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 286.3 nm Slit Width: 0.70 nm
 Lamp Current: 30 Energy: 58
 Sample Info File: Untitled Results Data Set:

Element: Sn Seq. No.: 86 AS Loc.: 4 Date: 01/07/2002

Sample ID: LFB

µL dispensed: 8 from 36, 5 from 37, 12 from 4

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	190.7	190.7	0.073	0.074	0.187	0.041	0.031	15:08:22	No

QC value within specified limits.

Element: Sn Seq. No.: 87 AS Loc.: 5 Date: 01/07/2002

Sample ID: LRB

µL dispensed: 8 from 36, 5 from 37, 12 from 5

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.582	-3.582	0.001	0.002	0.004	0.028	0.017	15:10:59	No

Element: Sn Seq. No.: 88 AS Loc.: 6 Date: 01/07/2002

Sample ID: 31504

µL dispensed: 8 from 36, 5 from 37, 12 from 6

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.431	-3.431	0.001	0.002	0.004	0.046	0.027	15:13:37	No

Element: Sn Seq. No.: 89 AS Loc.: 6 Date: 01/07/2002

Sample ID: 31504

µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 6

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	49.78	49.78	0.021	0.022	0.057	0.044	0.024	15:16:23	No

Recovery is 99.6%

Element: Sn Seq. No.: 90 AS Loc.: 7 Date: 01/07/2002

Sample ID: 31504dup

µL dispensed: 8 from 36, 5 from 37, 12 from 7

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.757	-6.757	0.000	0.001	0.004	0.047	0.029	15:19:02	No

Element: Sn Seq. No.: 91 AS Loc.: 7 Date: 01/07/2002

Sample ID: 31504dup

µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 7

Repl #	SampleConc µg/L	StdConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	46.91	46.91	0.020	0.021	0.053	0.043	0.025	15:21:47	No

Recovery is 93.8%

49.78 ~6% RPD

Element: Sn Seq. No.: 92 AS Loc.: 8 Date: 01/07/2002

Sample ID: 31549

µL dispensed: 8 from 36, 5 from 37, 12 from 8

Repl #	SampleConc µg/L	StdConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.144	-5.144	0.001	0.002	0.005	0.045	0.028	15:24:28	No

Element: Sn Seq. No.: 93 AS Loc.: 9 Date: 01/07/2002

Sample ID: 31550

µL dispensed: 8 from 36, 5 from 37, 12 from 9

Repl #	SampleConc µg/L	StdConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.508	-6.508	0.000	0.001	0.006	0.045	0.028	15:27:10	No

Element: Sn Seq. No.: 94 AS Loc.: 10 Date: 01/07/2002

Sample ID: 31551

µL dispensed: 8 from 36, 5 from 37, 12 from 10

Repl #	SampleConc µg/L	StdConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.610	-6.610	0.000	0.001	0.005	0.090	0.050	15:29:53	No

Element: Sn Seq. No.: 95 AS Loc.: 11 Date: 01/07/2002

Sample ID: 31585

µL dispensed: 8 from 36, 5 from 37, 12 from 11

Repl #	SampleConc µg/L	StdConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-11.06	-11.06	-0.001	0.000	0.004	0.049	0.029	15:32:37	No

Element: Sn Seq. No.: 96 AS Loc.: 12 Date: 01/07/2002

Sample ID: 31586

µL dispensed: 8 from 36, 5 from 37, 12 from 12

Repl #	SampleConc µg/L	StdConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.578	-4.578	0.001	0.002	0.005	0.047	0.029	15:35:21	No

Element: Sn Seq. No.: 97 AS Loc.: 13 Date: 01/07/2002

Sample ID: 31587

µL dispensed: 8 from 36, 5 from 37, 12 from 13

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.398	-5.398	0.001	0.002	0.006	0.073	0.041	15:38:06	No

Element: Sn Seq. No.: 98 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	100.5	100.5	0.040	0.041	0.094	0.042	0.022	15:40:46	No

QC value within specified limits.

Element: Sn Seq. No.: 99 AS Loc.: 3 Date: 01/07/2002

Sample ID: CB

µL dispensed: 8 from 36, 5 from 37, 12 from 3

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.250	-5.250	0.001	0.002	0.004	0.035	0.023	15:43:22	No

Element: Sn Seq. No.: 100 AS Loc.: 14 Date: 01/07/2002

Sample ID: 31588

µL dispensed: 8 from 36, 5 from 37, 12 from 14

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.915	-2.915	0.002	0.003	0.005	0.050	0.030	15:46:04	No

Element: Sn Seq. No.: 101 AS Loc.: 15 Date: 01/07/2002

Sample ID: 31589

µL dispensed: 8 from 36, 5 from 37, 12 from 15

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-9.358	-9.358	-0.001	0.000	0.005	0.089	0.049	15:48:48	No

Element: Sn Seq. No.: 102 AS Loc.: 16 Date: 01/07/2002

Sample ID: 31590

µL dispensed: 8 from 36, 5 from 37, 12 from 16

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.944	-0.944	0.002	0.003	0.008	0.047	0.028	15:51:31	No

Element: Sn Seq. No.: 103 AS Loc.: 16 Date: 01/07/2002

Sample ID: 31590

µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 16

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	48.05	48.05	0.020	0.021	0.059	0.046	0.026	15:54:20	No

Recovery is 96.1%

Element: Sn Seq. No.: 104 AS Loc.: 17 Date: 01/07/2002

Sample ID: 31591

µL dispensed: 8 from 36, 5 from 37, 12 from 17

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.260	-4.260	0.001	0.002	0.005	0.051	0.029	15:57:01	No

Element: Sn Seq. No.: 105 AS Loc.: 18 Date: 01/07/2002

Sample ID: 31631

µL dispensed: 8 from 36, 5 from 37, 12 from 18

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-10.40	-10.40	-0.001	0.000	0.005	0.094	0.051	15:59:42	No

Element: Sn Seq. No.: 106 AS Loc.: 19 Date: 01/07/2002

Sample ID: 31632

µL dispensed: 8 from 36, 5 from 37, 12 from 19

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.823	-5.823	0.001	0.002	0.005	0.049	0.029	16:02:21	No

Element: Sn Seq. No.: 107 AS Loc.: 20 Date: 01/07/2002

Sample ID: 31633

µL dispensed: 8 from 36, 5 from 37, 12 from 20

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.961	-4.961	0.001	0.002	0.005	0.047	0.029	16:04:59	No

Element: Sn Seq. No.: 108 AS Loc.: 21 Date: 01/07/2002

Sample ID: 31637

µL dispensed: 8 from 36, 5 from 37, 12 from 21

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-10.96	-10.96	-0.001	0.000	0.005	0.050	0.028	16:07:35	No

Element: Sn Seq. No.: 109 AS Loc.: 22 Date: 01/07/2002

Sample ID: 31638

µL dispensed: 8 from 36, 5 from 37, 12 from 22

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	2.453	2.453	0.004	0.005	0.011	0.050	0.031	16:10:17	No

Element: Sn Seq. No.: 110 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	94.39	94.39	0.038	0.039	0.097	0.043	0.022	16:12:54	No

QC value within specified limits.

Element: Sn Seq. No.: 111 AS Loc.: 3 Date: 01/07/2002

Sample ID: CB

µL dispensed: 8 from 36, 5 from 37, 12 from 3

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-11.16	-11.16	-0.001	0.000	0.005	0.036	0.021	16:15:31	No

Element: Sn Seq. No.: 112 AS Loc.: 4 Date: 01/07/2002

Sample ID: LFB

µL dispensed: 8 from 36, 5 from 37, 12 from 4

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	193.7	193.7	0.074	0.075	0.194	0.057	0.032	16:18:07	No

QC value within specified limits.

Element: Sn Seq. No.: 113 AS Loc.: 5 Date: 01/07/2002

Sample ID: LRB

µL dispensed: 8 from 36, 5 from 37, 12 from 5

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.522	-3.522	0.001	0.002	0.006	0.036	0.022	16:20:43	No

Element: Sn Seq. No.: 114 AS Loc.: 23 Date: 01/07/2002

Sample ID: 31639

µL dispensed: 8 from 36, 5 from 37, 12 from 23

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.447	-3.447	0.001	0.002	0.006	0.051	0.030	16:23:21	No

Element: Sn Seq. No.: 115 AS Loc.: 24 Date: 01/07/2002
 Sample ID: 31640
 µL dispensed: 8 from 36, 5 from 37, 12 from 24

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.025	-5.025	0.001	0.002	0.006	0.055	0.032	16:25:58	No

Element: Sn Seq. No.: 116 AS Loc.: 25 Date: 01/07/2002
 Sample ID: 31641
 µL dispensed: 8 from 36, 5 from 37, 12 from 25

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.878	-6.878	0.000	0.001	0.005	0.059	0.035	16:28:37	No

Element: Sn Seq. No.: 117 AS Loc.: 26 Date: 01/07/2002
 Sample ID: 31642
 µL dispensed: 8 from 36, 5 from 37, 12 from 26

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.972	-7.972	0.000	0.001	0.004	0.050	0.030	16:31:17	No

Element: Sn Seq. No.: 118 AS Loc.: 26 Date: 01/07/2002
 Sample ID: 31642
 µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 26

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	44.04	44.04	0.019	0.020	0.059	0.049	0.027	16:34:02	No

Recovery is 88.1% ✓

Element: Sn Seq. No.: 119 AS Loc.: 27 Date: 01/07/2002
 Sample ID: 31642dup
 µL dispensed: 8 from 36, 5 from 37, 12 from 27

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.615	-3.615	0.001	0.002	0.006	0.051	0.030	16:36:43	No

Element: Sn Seq. No.: 120 AS Loc.: 27 Date: 01/07/2002
 Sample ID: 31642dup
 µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 27

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	58.87	58.87	0.024	0.025	0.062	0.045	0.028	16:39:30	No

Recovery is 117.7% (outside of specified limits)

44.04
 29% RPD

Element: Sn Seq. No.: 121 AS Loc.: 27 Date: 01/07/2002
 Sample ID: 31642dup
 µL dispensed: 16 from 36, 5 from 37, 4 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-13.13	-4.378	0.001	0.002	0.005	0.042	0.028	16:42:12	No

Element: Sn Seq. No.: 122 AS Loc.: 27 Date: 01/07/2002
 Sample ID: 31642dup
 µL dispensed: 13 from 36, 5 from 37, 3 from 38, 4 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	161.2	53.72	0.023	0.024	0.064	0.043	0.024	16:44:58	No

Recovery is 107.4%

Element: Sn Seq. No.: 123 AS Loc.: 28 Date: 01/07/2002
 Sample ID: 31643
 µL dispensed: 8 from 36, 5 from 37, 12 from 28

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.308	-3.308	0.002	0.003	0.006	0.050	0.031	16:47:42	No

Element: Sn Seq. No.: 124 AS Loc.: 2 Date: 01/07/2002
 Sample ID: IPC
 µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	104.9	104.9	0.041	0.042	0.097	0.043	0.022	16:50:24	No

QC value within specified limits.

Element: Sn Seq. No.: 125 AS Loc.: 3 Date: 01/07/2002
 Sample ID: CB
 µL dispensed: 8 from 36, 5 from 37, 12 from 3

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.200	-7.200	0.000	0.001	0.006	0.041	0.027	16:53:00	No

Element: Sn Seq. No.: 126 AS Loc.: 29 Date: 01/07/2002
 Sample ID: 31645
 µL dispensed: 8 from 36, 5 from 37, 12 from 29

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.738	-3.738	0.001	0.002	0.006	0.051	0.031	16:55:39	No

Element: Sn Seq. No.: 127 AS Loc.: 30 Date: 01/07/2002

Sample ID: 31646

µL dispensed: 8 from 36, 5 from 37, 12 from 30

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.161	-4.161	0.001	0.002	0.006	0.049	0.030	16:58:27	No

Element: Sn Seq. No.: 128 AS Loc.: 31 Date: 01/07/2002

Sample ID: 31662

µL dispensed: 8 from 36, 5 from 37, 12 from 31

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.055	-5.055	0.001	0.002	0.005	0.043	0.026	17:01:11	No

Element: Sn Seq. No.: 129 AS Loc.: 32 Date: 01/07/2002

Sample ID: 31663

µL dispensed: 8 from 36, 5 from 37, 12 from 32

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-11.06	-11.06	-0.001	0.000	0.005	0.043	0.028	17:03:54	No

Element: Sn Seq. No.: 130 AS Loc.: 33 Date: 01/07/2002

Sample ID: 31670

µL dispensed: 8 from 36, 5 from 37, 12 from 33

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	1.649	1.649	0.003	0.004	0.007	0.036	0.024	17:06:36	No

Element: Sn Seq. No.: 131 AS Loc.: 34 Date: 01/07/2002

Sample ID: 31671

µL dispensed: 8 from 36, 5 from 37, 12 from 34

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-10.35	-10.35	-0.001	0.000	0.005	0.039	0.024	17:09:16	No

Element: Sn Seq. No.: 132 AS Loc.: 35 Date: 01/07/2002

Sample ID: 31672

µL dispensed: 8 from 36, 5 from 37, 12 from 35

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.569	-4.569	0.001	0.002	0.006	0.081	0.046	17:11:54	No

Element: Sn Seq. No.: 133 AS Loc.: 39 Date: 01/07/2002

Sample ID: 31674

µL dispensed: 8 from 36, 5 from 37, 12 from 39

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.214	-6.214	0.000	0.001	0.006	0.041	0.025	17:14:33	No

Element: Sn Seq. No.: 134 AS Loc.: 40 Date: 01/07/2002

Sample ID: 31675

 μ L dispensed: 8 from 36, 5 from 37, 12 from 40

Repl	SampleConc	StndConc	Blncorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Height	Area	Height		Stored
1	-2.705	-2.705	0.002	0.003	0.007	0.038	0.024	17:17:17	No

Element: Sn Seq. No.: 135 AS Loc.: 2 Date: 01/07/2002

Sample ID: IPC

 μ L dispensed: 8 from 36, 5 from 37, 12 from 2

Repl	SampleConc	StndConc	Blncorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Height	Area	Height		Stored
1	100.0	100.0	0.040	0.041	0.092	0.037	0.020	17:19:55	No

QC value within specified limits.

Element: Sn Seq. No.: 136 AS Loc.: 3 Date: 01/07/2002

Sample ID: CB

 μ L dispensed: 8 from 36, 5 from 37, 12 from 3

Repl	SampleConc	StndConc	Blncorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Height	Area	Height		Stored
1	-4.154	-4.154	0.001	0.002	0.007	0.031	0.020	17:22:30	No
