

Sample Information File Untitled

Description : Sn 4/29/02
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
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1 QCS			
2 IPC			
3 CB			
4 LFB			
5 LRB			
6 9682			
7 9682dup			
8 9683			
9 9764			
10 9765			
11 9766			
12 9767			
13 9768			
14 9769			
15 9770			
16 9967			
17 9968			
18 9969			
19 9970			
20 9971			
21 9972			
22 9973			
23 10019			
24 10020			
25 10021			
26 10023			
27 10023dup			
28 10024			
29 10025			
30 10061			
31 10062			
32 10063			
33 10064			
34 10065			
35 10066			
39 10067			
40 10130			

*Not the nicest run -
lots of bad spikes
end IPC is low
(just barely)*

Reviewed by,
[Signature] 7/13/02

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

Date: 04/29/2002
Technique: Furnace Calibration Equation: Calc. Intercept: Linear
Wavelength: 286.3 nm Slit Width: 0.70 nm
Lamp Current: 20 Energy: 50
Sample Info File: Untitled Results Data Set:

=====
 Element: Sn Seq. No.: 1 AS Loc.: 36 Date: 04/29/2002
 Sample ID: Calib Blank
 µL dispensed: 8 from 36, 5 from 37, 12 from 36
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			-0.001	-0.001	0.008	0.015	0.018	10:59:37	No

Auto-zero performed.

=====
 Element: Sn Seq. No.: 2 AS Loc.: 38 Date: 04/29/2002
 Sample ID: s50
 µL dispensed: 17 from 36, 5 from 37, 3 from 38
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.069	0.068	0.151	0.026	0.024	11:02:15	No

Standard number 1 applied. [50.0]
 Correlation Coefficient: 1.0000 Slope: 0.0014

=====
 Element: Sn Seq. No.: 3 AS Loc.: 38 Date: 04/29/2002
 Sample ID: s100
 µL dispensed: 14 from 36, 5 from 37, 6 from 38
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.131	0.130	0.271	0.032	0.042	11:04:57	No

Standard number 2 applied. [100.0]
 Correlation Coefficient: 0.9996 Slope: 0.0013

=====
 Element: Sn Seq. No.: 4 AS Loc.: 38 Date: 04/29/2002
 Sample ID: s150
 µL dispensed: 11 from 36, 5 from 37, 9 from 38
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.185	0.184	0.399	0.040	0.057	11:07:38	No

Standard number 3 applied. [150.0]
 Correlation Coefficient: 0.9987 Slope: 0.0012

=====
 Element: Sn Seq. No.: 5 AS Loc.: 38 Date: 04/29/2002
 Sample ID: s200
 µL dispensed: 8 from 36, 5 from 37, 12 from 38
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.239	0.238	0.494	0.047	0.069	11:10:20	No

The calibration curve may not be linear.
 Standard number 4 applied. [200.0]
 Correlation Coefficient: 0.9985 Slope: 0.0012

=====
 Element: Sn Seq. No.: 6 AS Loc.: 1 Date: 04/29/2002
 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	93.10	93.10	0.116	0.116	0.262	0.025	0.034	11:35:32	No

QC value within specified limits.

=====
 Element: Sn Seq. No.: 7 AS Loc.: 2 Date: 04/29/2002
 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	97.08	97.08	0.121	0.120	0.262	0.028	0.034	11:38:09	No

QC value within specified limits.

=====
 Element: Sn Seq. No.: 8 AS Loc.: 3 Date: 04/29/2002
 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	-2.429	-2.429	0.003	0.002	0.008	0.015	0.014	11:40:45	No

=====
 Element: Sn Seq. No.: 9 AS Loc.: 4 Date: 04/29/2002
 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	189.3	189.3	0.231	0.230	0.496	0.041	0.059	11:43:22	No

QC value within specified limits.

=====
 Element: Sn Seq. No.: 10 AS Loc.: 5 Date: 04/29/2002
 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	-3.878	-3.878	0.001	0.000	0.009	0.017	0.014	11:45:59	No

=====
 Element: Sn Seq. No.: 11 AS Loc.: 6 Date: 04/29/2002
 Sample ID: 9682
 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	-3.944	-3.944	0.001	0.000	0.009	0.021	0.025	11:48:37	No

Element: Sn Seq. No.: 12 AS Loc.: 6 Date: 04/29/2002

Sample ID: 9682

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	41.87	41.87	0.056	0.055	0.163	0.029	0.026	11:51:23	No

Recovery is 83.7% (outside of specified limits)

Element: Sn Seq. No.: 13 AS Loc.: 6 Date: 04/29/2002

Sample ID: 9682

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-14.34	-4.781	0.000	-0.001	0.008	0.018	0.018	11:54:01	No

Element: Sn Seq. No.: 14 AS Loc.: 6 Date: 04/29/2002

Sample ID: 9682

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	125.8	41.92	0.056	0.055	0.145	0.026	0.023	11:56:47	No

Recovery is 83.8% (outside of specified limits)

Element: Sn Seq. No.: 15 AS Loc.: 7 Date: 04/29/2002

Sample ID: 9682dup

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.658	-3.658	0.001	0.001	0.009	0.021	0.023	11:59:26	No

Element: Sn Seq. No.: 16 AS Loc.: 8 Date: 04/29/2002

Sample ID: 9683

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.249	-0.249	0.006	0.005	0.010	0.038	0.035	12:02:07	No

Element: Sn Seq. No.: 17 AS Loc.: 9 Date: 04/29/2002

Sample ID: 9764

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.577	-5.577	-0.001	-0.002	0.010	0.026	0.021	12:04:49	No

=====
 Element: Sn Seq. No.: 18 AS Loc.: 10 Date: 04/29/2002

Sample ID: 9765

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.000	-5.000	0.000	-0.001	0.008	0.024	0.021	12:07:32	No

=====
 Element: Sn Seq. No.: 19 AS Loc.: 11 Date: 04/29/2002

Sample ID: 9766

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.460	-5.460	-0.001	-0.001	0.008	0.042	0.031	12:10:16	No

=====
 Element: Sn Seq. No.: 20 AS Loc.: 12 Date: 04/29/2002

Sample ID: 9767

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.752	-6.752	-0.002	-0.003	0.010	0.029	0.024	12:13:01	No

=====
 Element: Sn Seq. No.: 21 AS Loc.: 2 Date: 04/29/2002

Sample ID: IPC

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	97.64	97.64	0.122	0.121	0.275	0.032	0.035	12:15:42	No

QC value within specified limits.

=====
 Element: Sn Seq. No.: 22 AS Loc.: 3 Date: 04/29/2002

Sample ID: CB

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.696	-2.696	0.003	0.002	0.010	0.015	0.016	12:18:19	No

=====
 Element: Sn Seq. No.: 23 AS Loc.: 13 Date: 04/29/2002

Sample ID: 9768

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.137	-4.137	0.001	0.000	0.009	0.030	0.027	12:21:00	No

Element: Sn Seq. No.: 24 AS Loc.: 14 Date: 04/29/2002

Sample ID: 9769

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.510	-2.510	0.003	0.002	0.009	0.025	0.021	12:23:45	No

Element: Sn Seq. No.: 25 AS Loc.: 15 Date: 04/29/2002

Sample ID: 9770

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.378	0.378	0.006	0.005	0.014	0.050	0.043	12:26:29	No

Element: Sn Seq. No.: 26 AS Loc.: 16 Date: 04/29/2002

Sample ID: 9967

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.561	-4.561	0.000	0.000	0.009	0.026	0.021	12:29:14	No

Element: Sn Seq. No.: 27 AS Loc.: 17 Date: 04/29/2002

Sample ID: 9968

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.066	-4.066	0.001	0.000	0.009	0.025	0.024	12:31:55	No

Element: Sn Seq. No.: 28 AS Loc.: 18 Date: 04/29/2002

Sample ID: 9969

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.930	-5.930	-0.001	-0.002	0.011	0.025	0.021	12:34:36	No

Element: Sn Seq. No.: 29 AS Loc.: 19 Date: 04/29/2002

Sample ID: 9970

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.926	-4.926	0.000	-0.001	0.014	0.032	0.025	12:37:15	No

Element: Sn Seq. No.: 30 AS Loc.: 20 Date: 04/29/2002

Sample ID: 9971

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.585	-5.585	-0.001	-0.002	0.009	0.031	0.023	12:39:53	No

Element: Sn Seq. No.: 31 AS Loc.: 21 Date: 04/29/2002

Sample ID: 9972

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.076	-4.076	0.001	0.000	0.010	0.029	0.023	12:42:29	No

Element: Sn Seq. No.: 32 AS Loc.: 22 Date: 04/29/2002

Sample ID: 9973

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.828	-2.828	0.002	0.002	0.010	0.026	0.022	12:45:06	No

Element: Sn Seq. No.: 33 AS Loc.: 2 Date: 04/29/2002

Sample ID: IPC

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	93.78	93.78	0.117	0.116	0.265	0.032	0.036	12:47:43	No

QC value within specified limits.

Element: Sn Seq. No.: 34 AS Loc.: 3 Date: 04/29/2002

Sample ID: CB

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.149	-5.149	0.000	-0.001	0.011	0.019	0.014	12:50:19	No

Element: Sn Seq. No.: 35 AS Loc.: 4 Date: 04/29/2002

Sample ID: LFB

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	178.7	178.7	0.218	0.217	0.474	0.043	0.064	12:52:56	No

QC value within specified limits.

8992

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

Date: 04/29/2002
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 286.3 nm Slit Width: 0.70 nm
 Lamp Current: 20 Energy: 48
 Sample Info File: Untitled Results Data Set:

Element: Sn Seq. No.: 36 AS Loc.: 5 Date: 04/29/2002
 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	-6.088	-6.088	-0.001	-0.002	0.012	0.016	0.012	12:56:50	No

Element: Sn Seq. No.: 37 AS Loc.: 23 Date: 04/29/2002
 Sample ID: 10019
 µL dispensed: 8 from 36, 5 from 37, 12 from 23

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.485	-5.485	-0.001	-0.001	0.008	0.021	0.025	12:59:28	No

Element: Sn Seq. No.: 38 AS Loc.: 23 Date: 04/29/2002
 Sample ID: 10019
 µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 23

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	42.07	42.07	0.056	0.055	0.161	0.024	0.024	13:02:14	No

Recovery is 84.1% (outside of specified limits)

Element: Sn Seq. No.: 39 AS Loc.: 23 Date: 04/29/2002
 Sample ID: 10019
 µL dispensed: 16 from 36, 5 from 37, 4 from 23

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-12.30	-4.101	0.001	0.000	0.011	0.016	0.020	13:04:51	No

Element: Sn Seq. No.: 40 AS Loc.: 23 Date: 04/29/2002
 Sample ID: 10019
 µL dispensed: 13 from 36, 5 from 37, 3 from 38, 4 from 23

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	130.4	43.47	0.057	0.057	0.147	0.015	0.019	13:07:37	No

Recovery is 86.9%

Element: Sn Seq. No.: 41 AS Loc.: 24 Date: 04/29/2002

Sample ID: 10020

µL dispensed: 8 from 36, 5 from 37, 12 from 24

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.384	-3.384	0.002	0.001	0.008	0.010	0.019	13:10:15	No

Element: Sn Seq. No.: 42 AS Loc.: 25 Date: 04/29/2002

Sample ID: 10021

µL dispensed: 8 from 36, 5 from 37, 12 from 25

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.475	-4.475	0.001	0.000	0.007	0.036	0.029	13:12:55	No

Element: Sn Seq. No.: 43 AS Loc.: 26 Date: 04/29/2002

Sample ID: 10023

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	-3.931	-3.931	0.001	0.000	0.006	0.024	0.026	13:15:35	No

Element: Sn Seq. No.: 44 AS Loc.: 26 Date: 04/29/2002

Sample ID: 10023

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	41.18	41.18	0.055	0.054	0.151	0.030	0.025	13:18:22	No

Recovery is 82.4% (outside of specified limits)

Element: Sn Seq. No.: 45 AS Loc.: 26 Date: 04/29/2002

Sample ID: 10023

µL dispensed: 16 from 36, 5 from 37, 4 from 26

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-15.27	-5.091	0.000	-0.001	0.007	0.023	0.020	13:21:01	No

Element: Sn Seq. No.: 46 AS Loc.: 26 Date: 04/29/2002

Sample ID: 10023

µL dispensed: 13 from 36, 5 from 37, 3 from 38, 4 from 26

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	143.9	47.96	0.063	0.062	0.157	0.027	0.022	13:23:48	No

Recovery is 95.9%

Element: Sn Seq. No.: 47 AS Loc.: 2 Date: 04/29/2002
 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	91.89	91.89	0.115	0.114	0.272	0.034	0.033	13:26:28	No

QC value within specified limits.

Element: Sn Seq. No.: 48 AS Loc.: 3 Date: 04/29/2002
 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	-3.961	-3.961	0.001	0.000	0.006	0.017	0.015	13:29:05	No

Element: Sn Seq. No.: 49 AS Loc.: 27 Date: 04/29/2002
 Sample ID: 10023dup
 µL dispensed: 8 from 36, 5 from 37, 12 from 27

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.514	-3.514	0.002	0.001	0.005	0.027	0.025	13:31:45	No

Element: Sn Seq. No.: 50 AS Loc.: 27 Date: 04/29/2002
 Sample ID: 10023dup
 µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 27

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	42.34	42.34	0.056	0.055	0.156	0.031	0.027	13:34:32	No

Recovery is 84.7% (outside of specified limits)

Element: Sn Seq. No.: 51 AS Loc.: 27 Date: 04/29/2002
 Sample ID: 10023dup
 µL dispensed: 16 from 36, 5 from 37, 4 from 27

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.395	-2.465	0.003	0.002	0.006	0.022	0.018	13:37:15	No

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Element: Sn Seq. No.: 52 AS Loc.: 5 Date: 04/29/2002
Sample ID: LRB
µL dispensed: 8 from 36, 5 from 37, 12 from 5

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.746	-4.746	0.000	-0.001	0.006	0.019	0.013	13:43:30	No

=====

Element: Sn Seq. No.: 53 AS Loc.: 26 Date: 04/29/2002
Sample ID: 10023
µL dispensed: 8 from 36, 5 from 37, 12 from 26

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.093	-3.093	0.002	0.001	0.006	0.026	0.024	13:46:08	No

=====

Element: Sn Seq. No.: 54 AS Loc.: 26 Date: 04/29/2002
Sample ID: 10023
µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 26

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	44.89	44.89	0.059	0.058	0.160	0.031	0.026	13:48:55	No

Recovery is 89.8%

=====

Element: Sn Seq. No.: 55 AS Loc.: 27 Date: 04/29/2002
Sample ID: 10023dup
µL dispensed: 8 from 36, 5 from 37, 12 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.740	-2.740	0.003	0.002	0.007	0.027	0.023	13:51:37	No

=====

Element: Sn Seq. No.: 56 AS Loc.: 27 Date: 04/29/2002
Sample ID: 10023dup
µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	37.27	37.27	0.050	0.049	0.154	0.035	0.027	13:54:24	No

Recovery is 74.5% (outside of specified limits)

=====

Element: Sn Seq. No.: 57 AS Loc.: 27 Date: 04/29/2002
Sample ID: 10023dup
µL dispensed: 16 from 36, 5 from 37, 4 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.915	-2.638	0.003	0.002	0.005	0.023	0.020	13:57:06	No

=====

Element: Sn Seq. No.: 58 AS Loc.: 27 Date: 04/29/2002
 Sample ID: 10023dup
 µL dispensed: 13 from 36, 5 from 37, 3 from 38, 4 from 27

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	113.3	37.75	0.051	0.050	0.090	0.008	0.013	13:59:53	No

Recovery is 75.5% (outside of specified limits)

=====

Element: Sn Seq. No.: 59 AS Loc.: 28 Date: 04/29/2002
 Sample ID: 10024
 µL dispensed: 8 from 36, 5 from 37, 12 from 28

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.057	-6.057	-0.001	-0.002	0.006	0.023	0.019	14:02:37	No

=====

Element: Sn Seq. No.: 60 AS Loc.: 2 Date: 04/29/2002
 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	88.70	88.70	0.111	0.110	0.240	0.031	0.032	14:05:20	No

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

=====

Element: Sn Seq. No.: 61 AS Loc.: 2 Date: 04/29/2002
 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	91.74	91.74	0.115	0.114	0.243	0.031	0.030	14:07:57	No

QC value within specified limits.

=====

Element: Sn Seq. No.: 62 AS Loc.: 3 Date: 04/29/2002
 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	-0.411	-0.411	0.005	0.005	0.007	0.018	0.011	14:10:33	No

=====

Element: Sn Seq. No.: 63 AS Loc.: 4 Date: 04/29/2002
 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	181.0	181.0	0.221	0.220	0.510	0.048	0.063	14:13:10	No

QC value within specified limits.

=====

Element: Sn Seq. No.: 64 AS Loc.: 5 Date: 04/29/2002

Sample ID: LRB

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.290	-5.290	0.000	-0.001	0.007	0.013	0.016	14:15:47	No

=====

Element: Sn Seq. No.: 65 AS Loc.: 29 Date: 04/29/2002

Sample ID: 10025

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.373	-4.373	0.001	0.000	0.008	0.051	0.032	14:18:29	No

=====

Element: Sn Seq. No.: 66 AS Loc.: 30 Date: 04/29/2002

Sample ID: 10061

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.285	-4.285	0.001	0.000	0.008	0.005	0.007	14:21:16	No

=====

Element: Sn Seq. No.: 67 AS Loc.: 31 Date: 04/29/2002

Sample ID: 10062

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.716	-3.716	0.001	0.001	0.007	0.015	0.013	14:24:01	No

=====

Element: Sn Seq. No.: 68 AS Loc.: 32 Date: 04/29/2002

Sample ID: 10063

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.384	-3.384	0.002	0.001	0.006	0.029	0.022	14:26:45	No

=====

Element: Sn Seq. No.: 69 AS Loc.: 33 Date: 04/29/2002

Sample ID: 10064

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.495	-4.495	0.000	0.000	0.007	0.030	0.024	14:29:27	No

=====

Element: Sn Seq. No.: 70 AS Loc.: 34 Date: 04/29/2002

Sample ID: 10065

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.817	-4.817	0.000	-0.001	0.009	0.024	0.019	14:32:08	No

=====
 Element: Sn Seq. No.: 71 AS Loc.: 35 Date: 04/29/2002

Sample ID: 10066

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.211	-4.211	0.001	0.000	0.008	0.032	0.023	14:34:46	No

=====
 Element: Sn Seq. No.: 72 AS Loc.: 39 Date: 04/29/2002

Sample ID: 10067

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.365	-1.365	0.004	0.003	0.007	0.037	0.022	14:37:26	No

=====
 Element: Sn Seq. No.: 73 AS Loc.: 40 Date: 04/29/2002

Sample ID: 10130

µL dispensed: 8 from 36, 5 from 37, 12 from 40

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.671	-2.671	0.003	0.002	0.007	0.034	0.022	14:40:11	No

=====
 Element: Sn Seq. No.: 74 AS Loc.: 2 Date: 04/29/2002

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	42.07	42.07	0.056	0.055	0.123	0.021	0.019	14:42:49	No

QC out of limits. Current analytical sequence continued.

water spill in cup - no

=====
 Element: Sn Seq. No.: 75 AS Loc.: 3 Date: 04/29/2002

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	-4.242	-4.242	0.001	0.000	0.009	0.012	0.014	14:45:25	No

=====
 Element: Sn Seq. No.: 76 AS Loc.: 2 Date: 04/29/2002
 Sample ID: IPC
 µL dispensed: 8 from 36, 5 from 37, 12 from 2
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	90.34	90.34	0.113	0.112	0.266	0.033	0.033	14:54:04	No

QC value within specified limits.

=====
 Element: Sn Seq. No.: 77 AS Loc.: 3 Date: 04/29/2002
 Sample ID: CB
 µL dispensed: 8 from 36, 5 from 37, 12 from 3
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.121	-5.121	0.000	-0.001	0.010	0.022	0.016	14:56:42	No

Sample Information File Untitled

Description : Sn 4/29/02 (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 10131			
7 10131dup			
8 10132			
9 10133			
10 10134			
11 10135			
12 10136			
13 10159			
14 10160			
15 10161			
16 10163			
17 10164			
18 10165			
19 10198			
20 10199			
21 10200			
22 10201			
23 10202			
24 10203			
25 10204			
26 10206			
27 10206dup			
28 10207			
29 10209			
30 10210			
31 10236			
32 10237			
33 10238			
34 10240			
35 10241			
39 10242			
40 10244			

=====

Element: Sn Seq. No.: 91 AS Loc.: 36 Date: 04/29/2002
 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			0.003	0.006	0.012	0.019	0.014	15:55:28	No

Auto-zero performed.

=====

Element: Sn Seq. No.: 92 AS Loc.: 38 Date: 04/29/2002
 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			0.043	0.048	0.101	0.026	0.018	15:58:05	No

Standard number 1 applied. [50.0]

Correlation Coefficient: 1.0000

Slope: 0.0009

=====

Element: Sn Seq. No.: 93 AS Loc.: 38 Date: 04/29/2002
 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			0.083	0.088	0.195	0.031	0.027	16:00:47	No

Standard number 2 applied. [100.0]

Correlation Coefficient: 0.9998

Slope: 0.0008

=====

Element: Sn Seq. No.: 94 AS Loc.: 38 Date: 04/29/2002
 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			0.123	0.128	0.296	0.039	0.041	16:03:28	No

Standard number 3 applied. [150.0]

Correlation Coefficient: 0.9999

Slope: 0.0008

=====

Element: Sn Seq. No.: 95 AS Loc.: 38 Date: 04/29/2002
 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			0.162	0.167	0.380	0.045	0.055	16:06:10	No

Standard number 4 applied. [200.0]

Correlation Coefficient: 0.9999

Slope: 0.0008

Element: Sn Seq. No.: 96 AS Loc.: 1 Date: 04/29/2002

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	101.8	101.8	0.083	0.089	0.195	0.028	0.028	16:09:11	No

QC value within specified limits.

Element: Sn Seq. No.: 97 AS Loc.: 2 Date: 04/29/2002

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	104.7	104.7	0.086	0.091	0.218	0.034	0.029	16:11:48	No

QC value within specified limits.

Element: Sn Seq. No.: 98 AS Loc.: 3 Date: 04/29/2002

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	-5.990	-5.990	-0.004	0.002	0.012	0.019	0.014	16:14:25	No

Element: Sn Seq. No.: 99 AS Loc.: 4 Date: 04/29/2002

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	206.5	206.5	0.168	0.173	0.406	0.045	0.054	16:17:01	No

QC value within specified limits.

Element: Sn Seq. No.: 100 AS Loc.: 5 Date: 04/29/2002

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	-8.952	-8.952	-0.006	0.000	0.011	0.023	0.017	16:19:39	No

Element: Sn Seq. No.: 101 AS Loc.: 6 Date: 04/29/2002

Sample ID: 10131

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	-4.917	-4.917	-0.003	0.003	0.011	0.033	0.025	16:22:17	No

Element: Sn Seq. No.: 102 AS Loc.: 6 Date: 04/29/2002

Sample ID: 10131

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	38.98	38.98	0.033	0.038	0.114	0.034	0.025	16:25:03	No

Recovery is 78.0% (outside of specified limits)

Element: Sn Seq. No.: 103 AS Loc.: 6 Date: 04/29/2002

Sample ID: 10131

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	-30.93	-10.31	-0.007	-0.001	0.010	0.028	0.018	16:27:41	No

Element: Sn Seq. No.: 104 AS Loc.: 6 Date: 04/29/2002

Sample ID: 10131

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	161.9	53.95	0.045	0.050	0.139	0.035	0.025	16:30:27	No

Recovery is 107.9%

Element: Sn Seq. No.: 105 AS Loc.: 7 Date: 04/29/2002

Sample ID: 10131dup

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	-0.226	-0.226	0.001	0.007	0.015	0.031	0.030	16:33:10	No

Element: Sn Seq. No.: 106 AS Loc.: 7 Date: 04/29/2002

Sample ID: 10131dup

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	52.69	52.69	0.044	0.049	0.138	0.034	0.031	16:35:57	No

Recovery is 105.4%

Element: Sn Seq. No.: 107 AS Loc.: 8 Date: 04/29/2002

Sample ID: 10132

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.648	-7.648	-0.005	0.001	0.010	0.053	0.032	16:38:37	No

Element: Sn Seq. No.: 108 AS Loc.: 9 Date: 04/29/2002

Sample ID: 10133

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-10.28	-10.28	-0.007	-0.001	0.010	0.037	0.030	16:41:19	No

Element: Sn Seq. No.: 109 AS Loc.: 10 Date: 04/29/2002

Sample ID: 10134

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.402	-8.402	-0.006	0.000	0.013	0.041	0.028	16:44:03	No

Element: Sn Seq. No.: 110 AS Loc.: 11 Date: 04/29/2002

Sample ID: 10135

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.958	-2.958	-0.001	0.004	0.014	0.031	0.029	16:46:48	No

Element: Sn Seq. No.: 111 AS Loc.: 2 Date: 04/29/2002

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	100.3	100.3	0.082	0.088	0.203	0.034	0.028	16:49:29	No

QC value within specified limits.

Element: Sn Seq. No.: 112 AS Loc.: 3 Date: 04/29/2002

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	-4.673	-4.673	-0.003	0.003	0.015	0.023	0.016	16:52:05	No

Element: Sn Seq. No.: 113 AS Loc.: 12 Date: 04/29/2002

Sample ID: 10136

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.436	-2.436	-0.001	0.005	0.013	0.050	0.029	16:54:46	No

Element: Sn Seq. No.: 114 AS Loc.: 13 Date: 04/29/2002

Sample ID: 10159

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.189	-8.189	-0.005	0.000	0.010	0.033	0.029	16:57:31	No

Element: Sn Seq. No.: 115 AS Loc.: 14 Date: 04/29/2002

Sample ID: 10160

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.518	-6.518	-0.004	0.002	0.014	0.031	0.023	17:00:15	No

Element: Sn Seq. No.: 116 AS Loc.: 15 Date: 04/29/2002

Sample ID: 10161

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-11.22	-11.22	-0.008	-0.002	0.014	0.056	0.037	17:02:59	No

Element: Sn Seq. No.: 117 AS Loc.: 16 Date: 04/29/2002

Sample ID: 10163

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-14.10	-14.10	-0.010	-0.005	0.011	0.034	0.030	17:05:41	No

Element: Sn Seq. No.: 118 AS Loc.: 16 Date: 04/29/2002

Sample ID: 10163

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	44.27	44.27	0.037	0.043	0.120	0.032	0.034	17:08:30	No

Recovery is 88.5%

Element: Sn Seq. No.: 119 AS Loc.: 17 Date: 04/29/2002

Sample ID: 10164

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	-6.297	-6.297	-0.004	0.002	0.015	0.032	0.024	17:11:11	No

Element: Sn Seq. No.: 120 AS Loc.: 18 Date: 04/29/2002

Sample ID: 10165

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.313	-3.313	-0.001	0.004	0.017	0.060	0.039	17:13:52	No

Element: Sn Seq. No.: 121 AS Loc.: 19 Date: 04/29/2002

Sample ID: 10198

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.526	-8.526	-0.006	0.000	0.013	0.033	0.028	17:16:31	No

Element: Sn Seq. No.: 122 AS Loc.: 20 Date: 04/29/2002

Sample ID: 10199

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-12.55	-12.55	-0.009	-0.003	0.015	0.036	0.031	17:19:08	No

Element: Sn Seq. No.: 123 AS Loc.: 2 Date: 04/29/2002

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	121.8	121.8	0.099	0.105	0.254	0.038	0.035	17:21:44	No

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

Element: Sn Seq. No.: 124 AS Loc.: 2 Date: 04/29/2002

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	116.6	116.6	0.095	0.101	0.244	0.037	0.037	17:24:20	No

QC out of limits. Current analytical sequence continued.

OK, All samples are <MDL -no

Element: Sn Seq. No.: 125 AS Loc.: 3 Date: 04/29/2002

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	-8.250	-8.250	-0.005	0.000	0.015	0.022	0.019	17:26:56	No

Element: Sn Seq. No.: 126 AS Loc.: 4 Date: 04/29/2002

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	176.5	176.5	0.144	0.149	0.364	0.041	0.052	17:29:32	No

QC value within specified limits.

Element: Sn Seq. No.: 127 AS Loc.: 5 Date: 04/29/2002

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	-3.516	-3.516	-0.002	0.004	0.023	0.020	0.020	17:32:09	No

Element: Sn Seq. No.: 128 AS Loc.: 21 Date: 04/29/2002

Sample ID: 10200

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

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.463	-0.463	0.001	0.006	0.017	0.029	0.029	17:34:49	No

Element: Sn Seq. No.: 129 AS Loc.: 22 Date: 04/29/2002

Sample ID: 10201

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

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.255	-4.255	-0.002	0.003	0.022	0.037	0.030	17:37:25	No

Element: Sn Seq. No.: 130 AS Loc.: 23 Date: 04/29/2002

Sample ID: 10202

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

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.540	-8.540	-0.006	0.000	0.015	0.061	0.037	17:40:01	No

Element: Sn Seq. No.: 131 AS Loc.: 24 Date: 04/29/2002

Sample ID: 10203

µL dispensed: 8 from 36, 5 from 37, 12 from 24

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.499	-2.499	-0.001	0.005	0.015	0.029	0.028	17:42:38	No

Element: Sn Seq. No.: 132 AS Loc.: 25 Date: 04/29/2002

Sample ID: 10204

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	-4.721	-4.721	-0.003	0.003	0.017	0.041	0.035	17:45:17	No

Element: Sn Seq. No.: 133 AS Loc.: 26 Date: 04/29/2002

Sample ID: 10206

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	-13.65	-13.65	-0.010	-0.004	0.013	0.039	0.027	17:47:58	No

Element: Sn Seq. No.: 134 AS Loc.: 26 Date: 04/29/2002

Sample ID: 10206

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	44.35	44.35	0.037	0.043	0.123	0.036	0.027	17:50:44	No

Recovery is 88.7%

Element: Sn Seq. No.: 135 AS Loc.: 27 Date: 04/29/2002

Sample ID: 10206dup

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	-10.65	-10.65	-0.007	-0.002	0.015	0.035	0.027	17:53:26	No

Element: Sn Seq. No.: 136 AS Loc.: 27 Date: 04/29/2002

Sample ID: 10206dup

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	35.99	35.99	0.030	0.036	0.120	0.042	0.030	17:56:13	No

Recovery is 72.0% (outside of specified limits)

Element: Sn Seq. No.: 137 AS Loc.: 27 Date: 04/29/2002

Sample ID: 10206dup

µL dispensed: 16 from 36, 5 from 37, 4 from 27

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-17.67	-5.891	-0.004	0.002	0.013	0.028	0.027	17:58:56	No

Element: Sn Seq. No.: 138 AS Loc.: 27 Date: 04/29/2002

Sample ID: 10206dup

µL dispensed: 13 from 36, 5 from 37, 3 from 38, 4 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	105.4	35.14	0.030	0.035	0.124	0.034	0.023	18:01:43	No

Recovery is 70.3% (outside of specified limits)

Element: Sn Seq. No.: 139 AS Loc.: 2 Date: 04/29/2002

Sample ID: IPC

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	93.12	93.12	0.076	0.082	0.199	0.031	0.024	18:04:24	No

QC value within specified limits.

Element: Sn Seq. No.: 140 AS Loc.: 3 Date: 04/29/2002

Sample ID: CB

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.292	-5.292	-0.003	0.003	0.015	0.023	0.021	18:07:06	No

Element: Sn Seq. No.: 141 AS Loc.: 28 Date: 04/29/2002

Sample ID: 10207

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.851	-6.851	-0.004	0.001	0.012	0.034	0.027	18:09:45	No

Element: Sn Seq. No.: 142 AS Loc.: 29 Date: 04/29/2002

Sample ID: 10209

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.518	-8.518	-0.006	0.000	0.014	0.034	0.026	18:12:31	No

Element: Sn Seq. No.: 143 AS Loc.: 30 Date: 04/29/2002

Sample ID: 10210

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.143	-8.143	-0.005	0.000	0.015	0.032	0.031	18:15:17	No

Element: Sn Seq. No.: 144 AS Loc.: 31 Date: 04/29/2002
 Sample ID: 10236
 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	-3.895	-3.895	-0.002	0.004	0.014	0.062	0.037	18:18:02	No

Element: Sn Seq. No.: 145 AS Loc.: 32 Date: 04/29/2002
 Sample ID: 10237
 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	-10.03	-10.03	-0.007	-0.001	0.015	0.032	0.031	18:20:46	No

Element: Sn Seq. No.: 146 AS Loc.: 33 Date: 04/29/2002
 Sample ID: 10238
 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	-9.431	-9.431	-0.006	-0.001	0.013	0.033	0.026	18:23:29	No

Element: Sn Seq. No.: 147 AS Loc.: 34 Date: 04/29/2002
 Sample ID: 10240
 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	-9.936	-9.936	-0.007	-0.001	0.017	0.033	0.030	18:26:09	No

Element: Sn Seq. No.: 148 AS Loc.: 35 Date: 04/29/2002
 Sample ID: 10241
 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	-3.550	-3.550	-0.002	0.004	0.015	0.031	0.037	18:28:48	No

Element: Sn Seq. No.: 149 AS Loc.: 39 Date: 04/29/2002
 Sample ID: 10242
 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	-14.58	-14.58	-0.011	-0.005	0.011	0.067	0.039	18:31:29	No

Element: Sn Seq. No.: 150 AS Loc.: 4 Date: 04/29/2002
 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	175.9	175.9	0.143	0.149	0.321	0.047	0.042	18:34:09	No

QC value within specified limits.

=====
 Element: Sn Seq. No.: 151 AS Loc.: 5 Date: 04/29/2002
 Sample ID: LRB
 µL dispensed: 8 from 36, 5 from 37, 12 from 5

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.458	-7.458	-0.005	0.001	0.011	0.026	0.018	18:36:46	No

=====
 Element: Sn Seq. No.: 152 AS Loc.: 40 Date: 04/29/2002
 Sample ID: 10244
 µL dispensed: 8 from 36, 5 from 37, 12 from 40

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.860	-8.860	-0.006	0.000	0.014	0.033	0.028	18:39:29	No

=====
 Element: Sn Seq. No.: 153 AS Loc.: 2 Date: 04/29/2002
 Sample ID: IPC
 µL dispensed: 8 from 36, 5 from 37, 12 from 2

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	89.60	89.60	0.074	0.079	0.199	0.036	0.028	18:42:07	No

QC out of limits. Current analytical sequence continued.

=====
 Element: Sn Seq. No.: 154 AS Loc.: 3 Date: 04/29/2002
 Sample ID: CB
 µL dispensed: 8 from 36, 5 from 37, 12 from 3

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-13.31	-13.31	-0.010	-0.004	0.011	0.026	0.016	18:44:43	No