

'Sample Information File Untitled

Description : Sn Pot 2/19/02
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
1 QCS			
2 IPC			
3 CB			
4 LFB			
5 LRB			
6 1500			
7 1500dup			
8 1501			
9 1502			
10 1503			
11 1504			
12 1506			
13 1507			
14 1509			
15 1510			
16 1547			
17 1548			
18 1636			
19 1637			
20 1638			
21 1640			
22 1641			
23 1642			
24 1644			
25 1645			
26 1646			
27 1646dup			
28 1648			
29 1649			
30 1650			
31 1687			
32 1688			
33 1689			
34 1690			
35 1691			
39 1692			
40 1693			

Reviewed by,
4/9/02

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

Date: 02/19/2002
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 286.3 nm Slit Width: 0.70 nm
 Lamp Current: 30 Energy: 53
 Sample Info File: Untitled Results Data Set:

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Element: Sn Seq. No.: 1 AS Loc.: 36 Date: 02/19/2002
 Sample ID: Calib Blank
 µL dispensed: 8 from 36, 5 from 37, 12 from 36

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.002	0.002	0.007	0.014	0.023	10:14:46	No

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Element: Sn Seq. No.: 1 AS Loc.: 36 Date: 02/19/2002
 Sample ID: Calib Blank
 µL dispensed: 8 from 36, 5 from 37, 12 from 36

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.002	0.002	0.007	0.010	0.021	10:20:59	No

Auto-zero performed.

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Element: Sn Seq. No.: 2 AS Loc.: 38 Date: 02/19/2002
 Sample ID: s50
 µL dispensed: 17 from 36, 5 from 37, 3 from 38

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.061	0.063	0.145	0.021	0.032	10:23:35	No

Standard number 1 applied. [50.0]

Correlation Coefficient: 1.0000

Slope: 0.0012

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Element: Sn Seq. No.: 3 AS Loc.: 38 Date: 02/19/2002
 Sample ID: s100
 µL dispensed: 14 from 36, 5 from 37, 6 from 38

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.119	0.122	0.277	0.028	0.050	10:26:16	No

Standard number 2 applied. [100.0]

Correlation Coefficient: 1.0000

Slope: 0.0012

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Element: Sn Seq. No.: 4 AS Loc.: 38 Date: 02/19/2002
 Sample ID: s150
 µL dispensed: 11 from 36, 5 from 37, 9 from 38

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.181	0.183	0.419	0.036	0.070	10:28:57	No

Standard number 3 applied. [150.0]

Correlation Coefficient: 1.0000

Slope: 0.0012

Element: Sn Seq. No.: 5 AS Loc.: 38 Date: 02/19/2002

Sample ID: s200

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.222	0.224	0.546	0.045	0.088	10:31:39	No

Standard number 4 applied. [200.0]

Correlation Coefficient: 0.9977

Slope: 0.0011

Element: Sn Seq. No.: 6 AS Loc.: 36 Date: 02/19/2002

Sample ID: Calib Blank

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			-0.003	-0.001	0.009	0.012	0.023	10:38:22	No

Auto-zero performed.

Element: Sn Seq. No.: 7 AS Loc.: 38 Date: 02/19/2002

Sample ID: s50

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.066	0.065	0.161	0.020	0.032	10:40:57	No

Standard number 1 applied. [50.0]

Correlation Coefficient: 1.0000

Slope: 0.0013

Element: Sn Seq. No.: 8 AS Loc.: 38 Date: 02/19/2002

Sample ID: s100

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.118	0.117	0.292	0.027	0.053	10:43:39	No

Standard number 2 applied. [100.0]

Correlation Coefficient: 0.9979

Slope: 0.0012

Element: Sn Seq. No.: 9 AS Loc.: 38 Date: 02/19/2002

Sample ID: s150

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.178	0.177	0.422	0.037	0.071	10:46:21	No

Standard number 3 applied. [150.0]

Correlation Coefficient: 0.9991

Slope: 0.0012

Element: Sn Seq. No.: 10 AS Loc.: 38 Date: 02/19/2002

Sample ID: s200

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.229	0.228	0.526	0.041	0.091	10:49:02	No

The calibration curve may not be linear.

Standard number 4 applied. [200.0]

Correlation Coefficient: 0.9991

Slope: 0.0011

Element: Sn Seq. No.: 11 AS Loc.: 1 Date: 02/19/2002

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	95.90 ✓	95.90	0.113	0.113	0.278	0.029	0.051	10:51:53	No

QC value within specified limits.

Element: Sn Seq. No.: 12 AS Loc.: 2 Date: 02/19/2002

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	99.14 ✓	99.14	0.117	0.116	0.292	0.030	0.053	10:54:29	No

QC value within specified limits.

Element: Sn Seq. No.: 13 AS Loc.: 3 Date: 02/19/2002

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	-3.191 ✓	-3.191	0.000	0.000	0.013	0.012	0.022	10:57:05	No

Element: Sn Seq. No.: 14 AS Loc.: 4 Date: 02/19/2002

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	175.5 ✓	175.5	0.204	0.203	0.491	0.046	0.087	10:59:41	No

QC value within specified limits.

Element: Sn Seq. No.: 15 AS Loc.: 5 Date: 02/19/2002

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	-2.870	-2.870	0.001	0.000	0.011	0.012	0.021	11:02:18	No

Element: Sn Seq. No.: 16 AS Loc.: 6 Date: 02/19/2002

Sample ID: 1500

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	-2.294	-2.294	0.002	0.001	0.010	0.017	0.020	11:04:56	No

Element: Sn Seq. No.: 17 AS Loc.: 6 Date: 02/19/2002

Sample ID: 1500

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	46.12	46.12	0.057	0.056	0.133	0.025	0.037	11:07:43	No

Recovery is 92.2% *MS*

Element: Sn Seq. No.: 18 AS Loc.: 7 Date: 02/19/2002

Sample ID: 1500dup

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	-3.188	-3.188	0.001	0.000	0.011	0.017	0.023	11:10:23	No

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Element: Sn Seq. No.: 19 AS Loc.: 7 Date: 02/19/2002

Sample ID: 1500dup

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	44.96	44.96	0.055	0.055	0.141	0.023	0.035	11:13:09	No

Recovery is 89.9% *MSD*

Element: Sn Seq. No.: 20 AS Loc.: 8 Date: 02/19/2002

Sample ID: 1501

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	-3.404	-3.404	0.000	-0.001	0.012	0.017	0.025	11:15:49	No

Element: Sn Seq. No.: 21 AS Loc.: 9 Date: 02/19/2002

Sample ID: 1502

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	-4.264	-4.264	-0.001	-0.002	0.010	0.018	0.027	11:18:31	No

Element: Sn Seq. No.: 22 AS Loc.: 10 Date: 02/19/2002

Sample ID: 1503

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	-3.323	-3.323	0.000	0.000	0.011	0.018	0.022	11:21:14	No

Element: Sn Seq. No.: 23 AS Loc.: 11 Date: 02/19/2002

Sample ID: 1504

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	0.443	0.443	0.005	0.004	0.013	0.015	0.019	11:23:58	No

Element: Sn Seq. No.: 24 AS Loc.: 12 Date: 02/19/2002

Sample ID: 1506

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	-3.223	-3.223	0.000	0.000	0.013	0.015	0.021	11:26:43	No

Element: Sn Seq. No.: 25 AS Loc.: 13 Date: 02/19/2002

Sample ID: 1507

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	-0.838	-0.838	0.003	0.002	0.013	0.014	0.025	11:29:28	No

Element: Sn Seq. No.: 26 AS Loc.: 2 Date: 02/19/2002

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	100.9	100.9	0.119	0.118	0.285	0.026	0.052	11:32:08	No

QC value within specified limits.

Element: Sn Seq. No.: 27 AS Loc.: 3 Date: 02/19/2002

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	0.886	0.886	0.005	0.004	0.013	0.008	0.024	11:34:45	No

Element: Sn Seq. No.: 28 AS Loc.: 14 Date: 02/19/2002

Sample ID: 1509

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.363	-2.363	0.001	0.001	0.010	0.016	0.022	11:37:27	No

Element: Sn Seq. No.: 29 AS Loc.: 15 Date: 02/19/2002

Sample ID: 1510

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.621	-2.621	0.001	0.000	0.012	0.016	0.020	11:40:12	No

Element: Sn Seq. No.: 30 AS Loc.: 16 Date: 02/19/2002

Sample ID: 1547

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

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	-0.002	0.012	0.020	0.020	11:42:54	No

Element: Sn Seq. No.: 31 AS Loc.: 16 Date: 02/19/2002

Sample ID: 1547

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

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	0.051	0.050	0.129	0.025	0.035	11:45:42	No

Recovery is 82.4% (outside of specified limits)

Element: Sn Seq. No.: 32 AS Loc.: 16 Date: 02/19/2002

Sample ID: 1547

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.818	-1.606	0.002	0.002	0.014	0.013	0.022	11:48:24	No

Element: Sn Seq. No.: 33 AS Loc.: 16 Date: 02/19/2002

Sample ID: 1547

µL dispensed: 13 from 36, 5 from 37, 3 from 38, 4 from 16

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	128.1	42.71	0.053	0.052	0.142	0.024	0.034	11:51:12	No

Recovery is 85.4%

Element: Sn Seq. No.: 34 AS Loc.: 17 Date: 02/19/2002

Sample ID: 1548

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.969	-3.969	0.000	-0.001	0.012	0.016	0.022	11:53:54	No

Element: Sn Seq. No.: 35 AS Loc.: 18 Date: 02/19/2002

Sample ID: 1636

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.183	-1.183	0.003	0.002	0.013	0.015	0.025	11:56:34	No

Element: Sn Seq. No.: 36 AS Loc.: 19 Date: 02/19/2002

Sample ID: 1637

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.515	-1.515	0.002	0.002	0.014	0.016	0.020	11:59:14	No

Element: Sn Seq. No.: 37 AS Loc.: 20 Date: 02/19/2002

Sample ID: 1638

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.564	-3.564	0.000	-0.001	0.011	0.029	0.031	12:01:52	No

Element: Sn Seq. No.: 38 AS Loc.: 2 Date: 02/19/2002

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	96.50	96.50	0.114	0.113	0.291	0.027	0.050	12:04:27	No

QC value within specified limits.

Element: Sn Seq. No.: 39 AS Loc.: 3 Date: 02/19/2002

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	-5.175	-5.175	-0.002	-0.003	0.011	0.013	0.019	12:07:04	No

Element: Sn Seq. No.: 40 AS Loc.: 4 Date: 02/19/2002

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	170.0	170.0	0.198	0.197	0.475	0.042	0.081	12:09:39	No

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

85
is in
limits

Element: Sn Seq. No.: 41 AS Loc.: 4 Date: 02/19/2002

Sample ID: LFB

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	170.6	170.6	0.198	0.198	0.469	0.039	0.082	12:12:15	No

QC value within specified limits.

Element: Sn Seq. No.: 42 AS Loc.: 5 Date: 02/19/2002

Sample ID: LRB

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.325	-1.325	0.003	0.002	0.011	0.011	0.020	12:14:52	No

Element: Sn Seq. No.: 43 AS Loc.: 21 Date: 02/19/2002

Sample ID: 1640

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	-5.716	-5.716	-0.002	-0.003	0.011	0.016	0.028	12:17:31	No

Element: Sn Seq. No.: 44 AS Loc.: 22 Date: 02/19/2002

Sample ID: 1641

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.137	-3.137	0.001	0.000	0.011	0.016	0.021	12:20:08	No

Element: Sn Seq. No.: 45 AS Loc.: 23 Date: 02/19/2002

Sample ID: 1642

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.289	-3.289	0.000	0.000	0.016	0.030	0.027	12:22:44	No

Element: Sn Seq. No.: 46 AS Loc.: 24 Date: 02/19/2002

Sample ID: 1644

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	10.22	10.22	0.016	0.015	0.036	0.017	0.024	12:25:21	No

Element: Sn Seq. No.: 47 AS Loc.: 25 Date: 02/19/2002

Sample ID: 1645

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	-4.063	-4.063	0.000	-0.001	0.014	0.017	0.020	12:28:00	No

Element: Sn Seq. No.: 48 AS Loc.: 26 Date: 02/19/2002

Sample ID: 1646

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	-3.840	-3.840	0.000	-0.001	0.012	0.030	0.031	12:30:39	No

Element: Sn Seq. No.: 49 AS Loc.: 26 Date: 02/19/2002

Sample ID: 1646

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	34.43	34.43	0.043	0.043	0.117	0.036	0.040	12:33:25	No

Recovery is 68.9% (outside of specified limits)

Element: Sn Seq. No.: 50 AS Loc.: 26 Date: 02/19/2002

Sample ID: 1646

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.213	-2.738	0.001	0.000	0.012	0.019	0.020	12:36:04	No

Element: Sn Seq. No.: 51 AS Loc.: 26 Date: 02/19/2002

Sample ID: 1646

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	123.0	40.99	0.051	0.050	0.130	0.025	0.034	12:38:50	No

Recovery is 82.0% (outside of specified limits)

Element: Sn Seq. No.: 52 AS Loc.: 27 Date: 02/19/2002

Sample ID: 1646dup

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	-6.786	-6.786	-0.004	-0.004	0.011	0.031	0.029	12:41:31	No

Element: Sn Seq. No.: 53 AS Loc.: 27 Date: 02/19/2002

Sample ID: 1646dup

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	39.12	39.12	0.049	0.048	0.125	0.034	0.036	12:44:18	No

Recovery is 78.2% (outside of specified limits)

MS low

Element: Sn Seq. No.: 54 AS Loc.: 27 Date: 02/19/2002

Sample ID: 1646dup

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	-2.986	-0.995	0.003	0.002	0.011	0.014	0.021	12:47:00	No

MS low

Element: Sn Seq. No.: 55 AS Loc.: 27 Date: 02/19/2002

Sample ID: 1646dup

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	136.5	45.48	0.056	0.055	0.135	0.021	0.032	12:49:47	No

Recovery is 91.0%

MS high

Element: Sn Seq. No.: 56 AS Loc.: 2 Date: 02/19/2002

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	99.55	99.55	0.117	0.117	0.294	0.026	0.049	12:52:29	No

QC value within specified limits.

Element: Sn Seq. No.: 57 AS Loc.: 3 Date: 02/19/2002

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	-5.159	-5.159	-0.002	-0.003	0.012	0.012	0.021	12:55:06	No

Element: Sn Seq. No.: 58 AS Loc.: 28 Date: 02/19/2002

Sample ID: 1648

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	-0.746	-0.746	0.003	0.003	0.012	0.016	0.021	12:57:45	No

Element: Sn Seq. No.: 59 AS Loc.: 29 Date: 02/19/2002

Sample ID: 1649

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.166	-5.166	-0.002	-0.003	0.012	0.017	0.020	13:00:30	No

Element: Sn Seq. No.: 60 AS Loc.: 30 Date: 02/19/2002

Sample ID: 1650

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.457	-6.457	-0.003	-0.004	0.014	0.030	0.025	13:03:16	No

Element: Sn Seq. No.: 61 AS Loc.: 31 Date: 02/19/2002

Sample ID: 1687

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

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	0.000	-0.001	0.013	0.018	0.023	13:06:01	No

Element: Sn Seq. No.: 62 AS Loc.: 32 Date: 02/19/2002

Sample ID: 1688

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.682	-1.682	0.002	0.001	0.012	0.015	0.020	13:08:45	No

Element: Sn Seq. No.: 63 AS Loc.: 33 Date: 02/19/2002

Sample ID: 1689

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.382	-1.382	0.003	0.002	0.012	0.016	0.022	13:11:27	No

Element: Sn Seq. No.: 64 AS Loc.: 34 Date: 02/19/2002

Sample ID: 1690

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.840	-1.840	0.002	0.001	0.012	0.016	0.023	13:14:07	No

Element: Sn Seq. No.: 65 AS Loc.: 4 Date: 02/19/2002

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	171.6	171.6	0.199	0.199	0.478	0.044	0.081	13:16:45	No

QC value within specified limits.

Element: Sn Seq. No.: 66 AS Loc.: 5 Date: 02/19/2002

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	-0.449	-0.449	0.004	0.003	0.013	0.008	0.017	13:19:22	No

Element: Sn Seq. No.: 67 AS Loc.: 35 Date: 02/19/2002

Sample ID: 1691

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.045	0.045	0.004	0.003	0.013	0.030	0.028	13:22:02	No

Element: Sn Seq. No.: 68 AS Loc.: 39 Date: 02/19/2002

Sample ID: 1692

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.852	-2.852	0.001	0.000	0.015	0.017	0.019	13:24:42	No

Element: Sn Seq. No.: 69 AS Loc.: 40 Date: 02/19/2002

Sample ID: 1693

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	0.278	0.278	0.004	0.004	0.012	0.014	0.018	13:27:26	No

Element: Sn Seq. No.: 70 AS Loc.: 2 Date: 02/19/2002

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	96.55	96.55	0.114	0.113	0.277	0.027	0.048	13:30:04	No

QC value within specified limits.

Element: Sn Seq. No.: 71 AS Loc.: 3 Date: 02/19/2002

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	-4.829	-4.829	-0.001	-0.002	0.012	0.015	0.025	13:32:41	No

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

Date: 02/19/2002
Technique: Furnace Calibration Equation: Calc. Intercept: Linear
Wavelength: 286.3 nm Slit Width: 0.70 nm
Lamp Current: 20 Energy: 46
Sample Info File: Untitled Results Data Set:

Sample Information File Untitled

Description : Sn Pot 2/19/02 (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 1732			
7 1732dup			
8 1733			
9 1734			
10 1796			
11 1797			
12 1798			
13 1799			
14 1800			
15 1801			
16 1802			
17 1910			
18 1911			
19 1912			
20 1913			
21 1914			
22 1915			
23 1916			
24 1936			
25 1937			
26 1938			
27 1938dup			
28 1940			
29 1941			
30 1942			
31 1960			
32 1961			
33 1962			
34 1963			
35 1964			
39 1965			
40 1966			

Element: Sn Seq. No.: 72 AS Loc.: 6 Date: 02/19/2002
 Sample ID: 1732 *Cont. from before*
 µL dispensed: 8 from 36, 5 from 37, 12 from 6

Repl #	Sample Conc µg/L	Std Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.467	-2.467	0.001	0.001	0.015	0.022	0.032	14:30:27	No

Element: Sn Seq. No.: 73 AS Loc.: 6 Date: 02/19/2002
 Sample ID: 1732
 µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 6

Repl #	Sample Conc µg/L	Std Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	37.09	37.09	0.046	0.046	0.113	0.029	0.034	14:33:13	No

Recovery is 74.2% (outside of specified limits)

Element: Sn Seq. No.: 74 AS Loc.: 6 Date: 02/19/2002
 Sample ID: 1732
 µL dispensed: 16 from 36, 5 from 37, 4 from 6

Repl #	Sample Conc µg/L	Std Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-12.03	-4.009	0.000	-0.001	0.013	0.019	0.025	14:35:51	No

Element: Sn Seq. No.: 75 AS Loc.: 6 Date: 02/19/2002
 Sample ID: 1732
 µL dispensed: 13 from 36, 5 from 37, 3 from 38, 4 from 6

Repl #	Sample Conc µg/L	Std Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	130.2	43.39	0.054	0.053	0.118	0.014	0.033	14:38:38	No

Recovery is 86.8%

Element: Sn Seq. No.: 76 AS Loc.: 7 Date: 02/19/2002
 Sample ID: 1732dup
 µL dispensed: 8 from 36, 5 from 37, 12 from 7

Repl #	Sample Conc µg/L	Std Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.161	-7.161	-0.004	-0.005	0.014	0.028	0.025	14:41:17	No

Element: Sn Seq. No.: 77 AS Loc.: 7 Date: 02/19/2002
 Sample ID: 1732dup
 µL dispensed: 5 from 36, 5 from 37, 3 from 38, 12 from 7

Repl #	Sample Conc µg/L	Std Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	34.61	34.61	0.044	0.043	0.118	0.031	0.045	14:44:03	No

Recovery is 69.2% (outside of specified limits)

Element: Sn Seq. No.: 78 AS Loc.: 7 Date: 02/19/2002

Sample ID: 1732dup

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.494	-1.498	0.002	0.002	0.016	0.015	0.022	14:46:42	No

Element: Sn Seq. No.: 79 AS Loc.: 7 Date: 02/19/2002

Sample ID: 1732dup

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	105.5	35.15	0.044	0.043	0.125	0.023	0.035	14:49:28	No

Recovery is 70.3% (outside of specified limits)

MS high pass

Element: Sn Seq. No.: 80 AS Loc.: 8 Date: 02/19/2002

Sample ID: 1733

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	-2.450	-2.450	0.001	0.001	0.013	0.015	0.024	14:52:09	No

Element: Sn Seq. No.: 81 AS Loc.: 9 Date: 02/19/2002

Sample ID: 1734

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	-4.612	-4.612	-0.001	-0.002	0.014	0.014	0.020	14:54:51	No

Element: Sn Seq. No.: 82 AS Loc.: 2 Date: 02/19/2002

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	89.34	89.34	0.106	0.105	0.255	0.025	0.052	14:57:33	No

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

Element: Sn Seq. No.: 83 AS Loc.: 2 Date: 02/19/2002

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	84.17	84.17	0.100	0.099	0.260	0.026	0.052	15:00:09	No

=====

Element: Sn Seq. No.: 83 AS Loc.: 36 Date: 02/19/2002

Sample ID: Calib Blank

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.002	0.001	0.015	0.008	0.021	15:05:16	No

Auto-zero performed.

=====

Element: Sn Seq. No.: 84 AS Loc.: 38 Date: 02/19/2002

Sample ID: s50

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.052	0.053	0.132	0.017	0.033	15:07:52	No

Standard number 1 applied. [50.0]

Correlation Coefficient: 1.0000 Slope: 0.0010

=====

Element: Sn Seq. No.: 85 AS Loc.: 38 Date: 02/19/2002

Sample ID: s100

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.098	0.099	0.228	0.022	0.051	15:10:34	No

Standard number 2 applied. [100.0]

Correlation Coefficient: 0.9993 Slope: 0.0010

=====

Element: Sn Seq. No.: 86 AS Loc.: 38 Date: 02/19/2002

Sample ID: s150

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.138	0.138	0.344	0.033	0.067	15:13:16	No

Standard number 3 applied. [150.0]

Correlation Coefficient: 0.9982 Slope: 0.0009

=====

Element: Sn Seq. No.: 87 AS Loc.: 38 Date: 02/19/2002

Sample ID: s200

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.173	0.174	0.406	0.035	0.078	15:15:58	No

The calibration curve may not be linear.

Standard number 4 applied. [200.0]

Correlation Coefficient: 0.9971 Slope: 0.0009

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

Date: 02/19/2002
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 286.3 nm Slit Width: 0.70 nm
 Lamp Current: 20 Energy: 44
 Sample Info File: Untitled Results Data Set:

Element: Sn Seq. No.: 88 AS Loc.: 2 Date: 02/19/2002

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	112.4	112.4	0.103	0.104	0.262	0.028	0.054	15:19:00	No

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

Element: Sn Seq. No.: 89 AS Loc.: 2 Date: 02/19/2002

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	107.8	107.8	0.099	0.100	0.245	0.025	0.048	15:21:37	No

QC value within specified limits.

Element: Sn Seq. No.: 90 AS Loc.: 3 Date: 02/19/2002

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	-5.612	-5.612	0.001	0.002	0.012	0.006	0.024	15:24:14	No

Element: Sn Seq. No.: 91 AS Loc.: 4 Date: 02/19/2002

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	188.7	188.7	0.169	0.170	0.410	0.035	0.079	15:26:50	No

QC value within specified limits.

Element: Sn Seq. No.: 92 AS Loc.: 5 Date: 02/19/2002

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	-4.200	-4.200	0.002	0.003	0.014	0.008	0.022	15:29:26	No

Element: Sn Seq. No.: 93 AS Loc.: 6 Date: 02/19/2002

Sample ID: 1732

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	-6.469	-6.469	0.000	0.001	0.019	0.028	0.027	15:32:05	No

Element: Sn Seq. No.: 94 AS Loc.: 6 Date: 02/19/2002

Sample ID: 1732

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	40.35	40.35	0.041	0.041	0.120	0.032	0.038	15:34:50	No

Recovery is 80.7% (outside of specified limits)

MS low

Element: Sn Seq. No.: 95 AS Loc.: 6 Date: 02/19/2002

Sample ID: 1732

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.961	-0.987	0.005	0.006	0.013	0.015	0.022	15:37:28	No

Element: Sn Seq. No.: 96 AS Loc.: 6 Date: 02/19/2002

Sample ID: 1732

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	132.8	44.27	0.044	0.045	0.121	0.022	0.034	15:40:14	No

Recovery is 88.5%

MS high

Element: Sn Seq. No.: 97 AS Loc.: 7 Date: 02/19/2002

Sample ID: 1732dup

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	-7.946	-7.946	-0.001	0.000	0.014	0.028	0.029	15:42:53	No

Element: Sn Seq. No.: 98 AS Loc.: 7 Date: 02/19/2002

Sample ID: 1732dup

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	38.80	38.80	0.039	0.040	0.116	0.033	0.036	15:45:39	No

Recovery is 77.6% (outside of specified limits)

MS low fail

Element: Sn Seq. No.: 99 AS Loc.: 7 Date: 02/19/2002

Sample ID: 1732dup

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-46.36	-15.45	-0.008	-0.007	0.014	0.019	0.023	15:48:18	No

Element: Sn Seq. No.: 100 AS Loc.: 7 Date: 02/19/2002

Sample ID: 1732dup

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	126.3	42.09	0.042	0.043	0.118	0.023	0.033	15:51:04	No

Recovery is 84.2% (outside of specified limits)

Element: Sn Seq. No.: 101 AS Loc.: 8 Date: 02/19/2002

Sample ID: 1733

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.672	-6.672	0.000	0.001	0.014	0.013	0.022	15:53:44	No

Element: Sn Seq. No.: 102 AS Loc.: 9 Date: 02/19/2002

Sample ID: 1734

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.389	-6.389	0.000	0.001	0.013	0.011	0.021	15:56:26	No

Element: Sn Seq. No.: 103 AS Loc.: 2 Date: 02/19/2002

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	98.79	98.79	0.091	0.092	0.223	0.024	0.044	15:59:07	No

QC value within specified limits.

Element: Sn Seq. No.: 104 AS Loc.: 3 Date: 02/19/2002

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	-9.420	-9.420	-0.002	-0.002	0.014	0.011	0.020	16:01:45	No

Element: Sn Seq. No.: 105 AS Loc.: 10 Date: 02/19/2002

Sample ID: 1796

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.492	-8.492	-0.002	-0.001	0.015	0.014	0.021	16:04:24	No

Element: Sn Seq. No.: 106 AS Loc.: 11 Date: 02/19/2002

Sample ID: 1797

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.612	-6.612	0.000	0.001	0.015	0.012	0.020	16:07:08	No

Element: Sn Seq. No.: 107 AS Loc.: 12 Date: 02/19/2002

Sample ID: 1798

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-6.864	-6.864	0.000	0.001	0.014	0.012	0.023	16:09:54	No

Element: Sn Seq. No.: 108 AS Loc.: 13 Date: 02/19/2002

Sample ID: 1799

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.624	-7.624	-0.001	0.000	0.014	0.016	0.021	16:12:39	No

Element: Sn Seq. No.: 109 AS Loc.: 14 Date: 02/19/2002

Sample ID: 1800

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	-10.94	-10.94	-0.004	-0.003	0.014	0.016	0.022	16:15:24	No

Element: Sn Seq. No.: 110 AS Loc.: 15 Date: 02/19/2002

Sample ID: 1801

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	-5.366	-5.366	0.001	0.002	0.012	0.014	0.027	16:18:08	No

Element: Sn Seq. No.: 111 AS Loc.: 16 Date: 02/19/2002

Sample ID: 1802

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	-10.67	-10.67	-0.003	-0.003	0.017	0.015	0.026	16:20:51	No

=====
Element: Sn Seq. No.: 112 AS Loc.: 16 Date: 02/19/2002

Sample ID: 1802

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	38.68	38.68	0.039	0.040	0.120	0.023	0.030	16:23:38	No

Recovery is 77.4% (outside of specified limits)

MS X

=====
Element: Sn Seq. No.: 113 AS Loc.: 16 Date: 02/19/2002

Sample ID: 1802

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-33.36	-11.12	-0.004	-0.003	0.014	0.012	0.023	16:26:18	No

=====
Element: Sn Seq. No.: 114 AS Loc.: 16 Date: 02/19/2002

Sample ID: 1802

µL dispensed: 13 from 36, 5 from 37, 3 from 38, 4 from 16

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	147.8	49.26	0.048	0.049	0.129	0.018	0.031	16:29:06	No

Recovery is 98.5%

MS high

=====
Element: Sn Seq. No.: 115 AS Loc.: 2 Date: 02/19/2002

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	102.5	102.5	0.094	0.095	0.233	0.024	0.046	16:31:45	No

QC value within specified limits.

=====
Element: Sn Seq. No.: 116 AS Loc.: 3 Date: 02/19/2002

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	-5.236	-5.236	0.001	0.002	0.014	0.007	0.020	16:34:20	No

=====
Element: Sn Seq. No.: 117 AS Loc.: 4 Date: 02/19/2002

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	187.4	187.4	0.168	0.168	0.403	0.037	0.077	16:36:57	No

QC value within specified limits.

Element: Sn Seq. No.: 118 AS Loc.: 5 Date: 02/19/2002

Sample ID: LRB

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.607	-5.607	0.001	0.002	0.012	0.009	0.020	16:39:34	No

Element: Sn Seq. No.: 119 AS Loc.: 17 Date: 02/19/2002

Sample ID: 1910

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	-8.176	-8.176	-0.001	0.000	0.014	0.017	0.020	16:42:16	No

Element: Sn Seq. No.: 120 AS Loc.: 18 Date: 02/19/2002

Sample ID: 1911

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	-8.108	-8.108	-0.001	0.000	0.011	0.016	0.022	16:44:57	No

Element: Sn Seq. No.: 121 AS Loc.: 19 Date: 02/19/2002

Sample ID: 1912

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	-13.98	-13.98	-0.006	-0.005	0.014	0.015	0.022	16:47:37	No

Element: Sn Seq. No.: 122 AS Loc.: 20 Date: 02/19/2002

Sample ID: 1913

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	-7.045	-7.045	0.000	0.000	0.018	0.032	0.034	16:50:16	No

Element: Sn Seq. No.: 123 AS Loc.: 21 Date: 02/19/2002

Sample ID: 1914

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	-8.820	-8.820	-0.002	-0.001	0.013	0.016	0.020	16:52:52	No

Element: Sn Seq. No.: 124 AS Loc.: 22 Date: 02/19/2002

Sample ID: 1915

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.857	-0.857	0.005	0.006	0.013	0.014	0.019	16:55:28	No

Element: Sn Seq. No.: 125 AS Loc.: 23 Date: 02/19/2002

Sample ID: 1916

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	-3.652	-3.652	0.003	0.003	0.017	0.014	0.020	16:58:04	No

Element: Sn Seq. No.: 126 AS Loc.: 24 Date: 02/19/2002

Sample ID: 1936

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	-8.675	-8.675	-0.002	-0.001	0.011	0.013	0.022	17:00:41	No

Element: Sn Seq. No.: 127 AS Loc.: 25 Date: 02/19/2002

Sample ID: 1937

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	-2.901	-2.901	0.003	0.004	0.015	0.009	0.019	17:03:19	No

Element: Sn Seq. No.: 128 AS Loc.: 26 Date: 02/19/2002

Sample ID: 1938

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	-7.157	-7.157	0.000	0.000	0.017	0.031	0.027	17:06:00	No

Element: Sn Seq. No.: 129 AS Loc.: 26 Date: 02/19/2002

Sample ID: 1938

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	43.95	43.95	0.044	0.045	0.121	0.036	0.042	17:08:46	No

Recovery is 87.9%

MS low pass

Element: Sn Seq. No.: 130 AS Loc.: 2 Date: 02/19/2002

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	105.1	105.1	0.097	0.097	0.237	0.025	0.045	17:11:26	No

QC value within specified limits.

Element: Sn Seq. No.: 131 AS Loc.: 3 Date: 02/19/2002
 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	-5.344	-5.344	0.001	0.002	0.013	0.011	0.020	17:14:03	No

Element: Sn Seq. No.: 132 AS Loc.: 27 Date: 02/19/2002
 Sample ID: 1938dup
 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	-2.696	-2.696	0.003	0.004	0.013	0.030	0.028	17:16:42	No

Element: Sn Seq. No.: 133 AS Loc.: 27 Date: 02/19/2002
 Sample ID: 1938dup
 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	41.48	41.48	0.042	0.042	0.115	0.038	0.036	17:19:29	No

Recovery is 83.0% (outside of specified limits)

Element: Sn Seq. No.: 134 AS Loc.: 27 Date: 02/19/2002
 Sample ID: 1938dup
 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	-19.26	-6.420	0.000	0.001	0.010	0.021	0.022	17:22:11	No

Element: Sn Seq. No.: 135 AS Loc.: 27 Date: 02/19/2002
 Sample ID: 1938dup
 µL dispensed: 13 from 36, 5 from 37, 3 from 38, 4 from 27

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	133.7	44.56	0.044	0.045	0.113	0.026	0.035	17:24:59	No

Recovery is 89.1%

Element: Sn Seq. No.: 136 AS Loc.: 28 Date: 02/19/2002
 Sample ID: 1940
 µL dispensed: 8 from 36, 5 from 37, 12 from 28

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-9.855	-9.855	-0.003	-0.002	0.013	0.014	0.023	17:27:43	No