

Sample Information File Untitled

Description : Sn 1/3/02
 Batch ID :
 Volume Units :
 Weight Units :
 Analyst :
 Sample Volume : 1.000
 Nominal Weight : 1.000000

DATE ANALYZED	<u>1/3/02</u>
TIME ANALYZED	<u>10:30</u>
ANALYST INITIALS	<u>MO</u>
REVIEWED BY	<u>AS</u>

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
1 QCS			
2 IPC			
3 CB			
4 LFB			
5 LRB			
6 29456			
7 29456dup			
8 29457			
9 29459			
10 29460			
11 29461			
12 29463			
13 29464			
14 29465			
15 29517			
16 29518			
17 29519			
18 29520			
19 29521			
20 29522			
21 29523			
22 29562			
23 29563			
24 29564			
25 29664			
26 29665			
27 29665dup			
28 29666			
29 29667			
30 29668			
31 29669			
32 29670			
33 29732			
34 29733			
35 29734			
39 29781			
40 29782			

*MS dup fail (14) 222
 rough reproducibility
 (run 2 reps?)
 if low spike fails, tries a higher
 level spike?*

*Reviewed by,
 [Signature] 2/26/02*

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

Date: 01/03/2002
Technique: Furnace Calibration Equation: Calc. Intercept: Linear
Wavelength: 286.3 nm Slit Width: 0.70 nm
Lamp Current: 30 Energy: 51
Sample Info File: Untitled Results Data Set: sn10302

Element: Sn Seq. No.: 1 AS Loc.: 36 Date: 01/03/2002

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			0.002	0.002	0.008	0.014	0.013	10:33:35	No

Auto-zero performed.

Element: Sn Seq. No.: 2 AS Loc.: 38 Date: 01/03/2002

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			0.017	0.020	0.047	0.017	0.014	10:36:11	No

Standard number 1 applied. [50.0]

Correlation Coefficient: 1.0000

Slope: 0.0003

Element: Sn Seq. No.: 3 AS Loc.: 38 Date: 01/03/2002

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			0.033	0.035	0.089	0.020	0.018	10:38:52	No

Standard number 2 applied. [100.0]

Correlation Coefficient: 0.9994

Slope: 0.0003

Element: Sn Seq. No.: 4 AS Loc.: 38 Date: 01/03/2002

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			0.052	0.054	0.117	0.022	0.021	10:41:33	No

Standard number 3 applied. [150.0]

Correlation Coefficient: 0.9994

Slope: 0.0003

Element: Sn Seq. No.: 5 AS Loc.: 38 Date: 01/03/2002

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			0.066	0.068	0.166	0.029	0.026	10:44:14	No

Standard number 4 applied. [200.0]

Correlation Coefficient: 0.9993

Slope: 0.0003

Element: Sn Seq. No.: 6 AS Loc.: 1 Date: 01/03/2002

Sample ID: QCS

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	96.22	96.22	0.032	0.035	0.085	0.020	0.018	10:47:08	No

QC value within specified limits.

Element: Sn Seq. No.: 7 AS Loc.: 2 Date: 01/03/2002

Sample ID: IPC

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	90.40	90.40	0.030	0.033	0.078	0.021	0.017	10:49:43	No

QC value within specified limits.

Element: Sn Seq. No.: 8 AS Loc.: 3 Date: 01/03/2002

Sample ID: CB

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-10.12	-10.12	-0.003	0.000	0.006	0.016	0.011	10:52:19	No

Element: Sn Seq. No.: 9 AS Loc.: 4 Date: 01/03/2002

Sample ID: LFB

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	190.1	190.1	0.063	0.066	0.165	0.025	0.026	10:54:56	No

QC value within specified limits.

Element: Sn Seq. No.: 10 AS Loc.: 5 Date: 01/03/2002

Sample ID: LRB

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.201	-3.201	-0.001	0.002	0.006	0.012	0.012	10:57:34	No

Element: Sn Seq. No.: 11 AS Loc.: 6 Date: 01/03/2002

Sample ID: 29456

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.285	-1.285	0.000	0.002	0.009	0.016	0.020	11:00:12	No

Element: Sn Seq. No.: 12 AS Loc.: 6 Date: 01/03/2002

Sample ID: 29456

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	43.02	43.02	0.015	0.017	0.049	0.020	0.020	11:02:58	No

Recovery is 86.0%

Element: Sn Seq. No.: 13 AS Loc.: 7 Date: 01/03/2002

Sample ID: 29456dup

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.459	-7.459	-0.002	0.000	0.006	0.014	0.018	11:05:37	No

Element: Sn Seq. No.: 14 AS Loc.: 7 Date: 01/03/2002

Sample ID: 29456dup

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	53.72	53.72	0.018	0.021	0.046	0.016	0.018	11:08:23	No

Recovery is 107.4%

Handwritten notes: 4302, 53.72, 22908, 22908

Element: Sn Seq. No.: 15 AS Loc.: 8 Date: 01/03/2002

Sample ID: 29457

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-7.871	-7.871	-0.002	0.000	0.005	0.037	0.025	11:11:03	No

Element: Sn Seq. No.: 16 AS Loc.: 9 Date: 01/03/2002

Sample ID: 29459

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-8.699	-8.699	-0.002	0.000	0.004	0.041	0.026	11:13:45	No

Element: Sn Seq. No.: 17 AS Loc.: 10 Date: 01/03/2002

Sample ID: 29460

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.590	-2.590	0.000	0.002	0.007	0.019	0.018	11:16:28	No

Element: Sn Seq. No.: 18 AS Loc.: 11 Date: 01/03/2002

Sample ID: 29461

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	-5.045	-5.045	-0.001	0.001	0.005	0.021	0.018	11:19:12	No

Element: Sn Seq. No.: 19 AS Loc.: 12 Date: 01/03/2002

Sample ID: 29463

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	-3.861	-3.861	-0.001	0.002	0.004	0.020	0.020	11:21:59	No

Element: Sn Seq. No.: 20 AS Loc.: 13 Date: 01/03/2002

Sample ID: 29464

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	-9.248	-9.248	-0.003	0.000	0.006	0.022	0.021	11:24:40	No

Element: Sn Seq. No.: 21 AS Loc.: 2 Date: 01/03/2002

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	82.09	82.09	0.028	0.030	0.084	0.025	0.017	11:27:21	No

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

Element: Sn Seq. No.: 22 AS Loc.: 2 Date: 01/03/2002

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	92.21	92.21	0.031	0.033	0.086	0.025	0.017	11:29:58	No

QC value within specified limits.

Element: Sn Seq. No.: 23 AS Loc.: 3 Date: 01/03/2002

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	-11.22	-11.22	-0.003	-0.001	0.006	0.020	0.011	11:32:34	No

=====

Element: Sn Seq. No.: 24 AS Loc.: 14 Date: 01/03/2002

Sample ID: 29465

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	-4.706	-4.706	-0.001	0.001	0.004	0.043	0.027	11:35:19	No

=====

Element: Sn Seq. No.: 25 AS Loc.: 15 Date: 01/03/2002

Sample ID: 29517

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	-2.679	-2.679	0.000	0.002	0.005	0.025	0.021	11:38:00	No

=====

Element: Sn Seq. No.: 26 AS Loc.: 16 Date: 01/03/2002

Sample ID: 29518

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	-4.663	-4.663	-0.001	0.001	0.005	0.022	0.017	11:40:43	No

=====

Element: Sn Seq. No.: 27 AS Loc.: 16 Date: 01/03/2002

Sample ID: 29518

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	49.10	49.10	0.017	0.019	0.050	0.026	0.018	11:43:30	No

Recovery is 98.2%

=====

Element: Sn Seq. No.: 28 AS Loc.: 17 Date: 01/03/2002

Sample ID: 29519

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	-9.102	-9.102	-0.003	0.000	0.004	0.022	0.019	11:46:11	No

=====

Element: Sn Seq. No.: 29 AS Loc.: 18 Date: 01/03/2002

Sample ID: 29520

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	-9.076	-9.076	-0.003	0.000	0.006	0.021	0.020	11:48:52	No

=====

Element: Sn Seq. No.: 30 AS Loc.: 19 Date: 01/03/2002

Sample ID: 29521

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	-2.301	-2.301	0.000	0.002	0.004	0.020	0.018	11:51:30	No

=====

Element: Sn Seq. No.: 31 AS Loc.: 20 Date: 01/03/2002

Sample ID: 29522

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	-4.609	-4.609	-0.001	0.001	0.005	0.016	0.019	11:54:07	No

=====

Element: Sn Seq. No.: 32 AS Loc.: 21 Date: 01/03/2002

Sample ID: 29523

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	-1.854	-1.854	0.000	0.002	0.005	0.018	0.017	11:56:43	No

=====

Element: Sn Seq. No.: 33 AS Loc.: 22 Date: 01/03/2002

Sample ID: 29562

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	-10.72	-10.72	-0.003	-0.001	0.005	0.019	0.019	11:59:20	No

=====

Element: Sn Seq. No.: 34 AS Loc.: 2 Date: 01/03/2002

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	99.70	99.70	0.033	0.036	0.081	0.025	0.016	12:01:57	No

QC value within specified limits.

=====

Element: Sn Seq. No.: 35 AS Loc.: 3 Date: 01/03/2002

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	-6.896	-6.896	-0.002	0.001	0.005	0.021	0.010	12:04:33	No

=====

Element: Sn Seq. No.: 36 AS Loc.: 4 Date: 01/03/2002

Sample ID: LFB

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

Repl #	SampleConc µg/L	StdConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	200.3	200.3	0.067	0.069	0.174	0.030	0.027	12:07:11	No

QC value within specified limits.

=====

Element: Sn Seq. No.: 37 AS Loc.: 5 Date: 01/03/2002

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	-5.379	-5.379	-0.001	0.001	0.006	0.022	0.012	12:09:47	No

=====

Element: Sn Seq. No.: 38 AS Loc.: 23 Date: 01/03/2002

Sample ID: 29563

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

=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-4.306	-4.306	-0.001	0.001	0.005	0.021	0.019	12:12:25	No

=====

Element: Sn Seq. No.: 39 AS Loc.: 24 Date: 01/03/2002

Sample ID: 29564

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	-7.052	-7.052	-0.002	0.001	0.004	0.047	0.026	12:15:02	No

=====

Element: Sn Seq. No.: 40 AS Loc.: 25 Date: 01/03/2002

Sample ID: 29664

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	-4.602	-4.602	-0.001	0.001	0.005	0.024	0.019	12:17:41	No

=====

Element: Sn Seq. No.: 41 AS Loc.: 26 Date: 01/03/2002

Sample ID: 29665

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	-4.131	-4.131	-0.001	0.001	0.005	0.023	0.019	12:20:22	No

=====

Element: Sn Seq. No.: 42 AS Loc.: 26 Date: 01/03/2002

Sample ID: 29665

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	45.38	45.38	0.015	0.018	0.045	0.029	0.019	12:23:08	No

Recovery is 90.8%

=====

Element: Sn Seq. No.: 43 AS Loc.: 27 Date: 01/03/2002

Sample ID: 29665dup

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	-3.044	-3.044	-0.001	0.002	0.005	0.022	0.017	12:25:49	No

=====

Element: Sn Seq. No.: 44 AS Loc.: 27 Date: 01/03/2002

Sample ID: 29665dup

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	47.02	47.02	0.016	0.018	0.052	0.028	0.020	12:28:36	No

Recovery is 94.0% *45.38, 47.02, 3.52*

=====

Element: Sn Seq. No.: 45 AS Loc.: 28 Date: 01/03/2002

Sample ID: 29666

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	-4.586	-4.586	-0.001	0.001	0.005	0.022	0.020	12:31:19	No

=====

Element: Sn Seq. No.: 46 AS Loc.: 29 Date: 01/03/2002

Sample ID: 29667

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	-2.071	-2.071	0.000	0.002	0.006	0.022	0.020	12:34:03	No

=====

Element: Sn Seq. No.: 47 AS Loc.: 30 Date: 01/03/2002

Sample ID: 29668

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	-7.127	-7.127	-0.002	0.000	0.004	0.044	0.026	12:36:48	No

=====

Element: Sn Seq. No.: 48 AS Loc.: 2 Date: 01/03/2002

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	94.98	94.98	0.032	0.034	0.087	0.028	0.016	12:39:29	No

QC value within specified limits.

Element: Sn Seq. No.: 49 AS Loc.: 3 Date: 01/03/2002

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	-5.514	-5.514	-0.001	0.001	0.005	0.016	0.010	12:42:05	No

Element: Sn Seq. No.: 50 AS Loc.: 31 Date: 01/03/2002

Sample ID: 29669

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	-4.485	-4.485	-0.001	0.001	0.005	0.024	0.020	12:44:47	No

Element: Sn Seq. No.: 51 AS Loc.: 32 Date: 01/03/2002

Sample ID: 29670

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	-11.31	-11.31	-0.003	-0.001	0.004	0.022	0.018	12:47:31	No

Element: Sn Seq. No.: 52 AS Loc.: 33 Date: 01/03/2002

Sample ID: 29732

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	-5.962	-5.962	-0.002	0.001	0.004	0.021	0.019	12:50:13	No

Element: Sn Seq. No.: 53 AS Loc.: 34 Date: 01/03/2002

Sample ID: 29733

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	-10.10	-10.10	-0.003	0.000	0.004	0.044	0.028	12:52:53	No

Element: Sn Seq. No.: 54 AS Loc.: 35 Date: 01/03/2002

Sample ID: 29734

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	-6.564	-6.564	-0.002	0.001	0.004	0.020	0.018	12:55:32	No

Element: Sn Seq. No.: 55 AS Loc.: 39 Date: 01/03/2002

Sample ID: 29781

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	-5.408	-5.408	-0.001	0.001	0.005	0.021	0.017	12:58:11	No

Element: Sn Seq. No.: 56 AS Loc.: 40 Date: 01/03/2002

Sample ID: 29782

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	-5.286	-5.286	-0.001	0.001	0.004	0.020	0.019	13:00:55	No

Element: Sn Seq. No.: 57 AS Loc.: 2 Date: 01/03/2002

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	94.18	94.18	0.032	0.034	0.085	0.025	0.016	13:03:34	No

QC value within specified limits.

Element: Sn Seq. No.: 58 AS Loc.: 3 Date: 01/03/2002

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	-0.967	-0.967	0.000	0.003	0.004	0.021	0.013	13:06:10	No

Sample Information File Untitled

Description : Sn 1/3/02 (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 29783			
7 29783dup			
8 29784			
9 29785			
10 29786			
11 29787			
12 29789			
13 29790			
14 29791			
15 29925			
16 29926			
17 29927			
18 29928			
19 29929			
20 29930			
21 29931			
22 29962			
23 29963			
24 29964			
25 30009			
26 30010			
27 30010dup			
28 30011			
29 30012			
30 30013			
31 30014			
32 30015			
33 30021			
34 30022			
35 30085			
39 30086			
40 30107			

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

Date: 01/03/2002

Technique: Furnace

Wavelength: 286.3 nm

Lamp Current: 30

Sample Info File: Untitled

Calibration Equation: Calc. Intercept: Linear

Slit Width: 0.70 nm

Energy: 58

Results Data Set: sn10302

Element: Sn Seq. No.: 59 AS Loc.: 4 Date: 01/03/2002

Sample ID: LFB

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	188.7	188.7	0.063	0.065	0.168	0.030	0.027	13:11:28	No

QC value within specified limits.

Element: Sn Seq. No.: 60 AS Loc.: 5 Date: 01/03/2002

Sample ID: LRB

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.170	-5.170	-0.001	0.001	0.005	0.015	0.012	13:14:05	No

Element: Sn Seq. No.: 61 AS Loc.: 6 Date: 01/03/2002

Sample ID: 29783

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-3.859	-3.859	-0.001	0.002	0.006	0.022	0.018	13:16:43	No

Element: Sn Seq. No.: 62 AS Loc.: 6 Date: 01/03/2002

Sample ID: 29783

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	44.59	44.59	0.015	0.018	0.049	0.028	0.018	13:19:29	No

Recovery is 89.2%

Element: Sn Seq. No.: 63 AS Loc.: 7 Date: 01/03/2002

Sample ID: 29783dup

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

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-5.890	-5.890	-0.002	0.001	0.005	0.022	0.018	13:22:08	No

Element: Sn Seq. No.: 64 AS Loc.: 7 Date: 01/03/2002

Sample ID: 29783dup

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	45.71	45.71	0.016	0.018	0.047	0.024	0.019	13:24:53	No

Recovery is 91.4%

44.59, 45.71 ok

Element: Sn Seq. No.: 65 AS Loc.: 8 Date: 01/03/2002

Sample ID: 29784

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	-13.39	-13.39	-0.004	-0.002	0.005	0.025	0.020	13:27:36	No

Element: Sn Seq. No.: 66 AS Loc.: 9 Date: 01/03/2002

Sample ID: 29785

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	-3.816	-3.816	-0.001	0.002	0.004	0.026	0.019	13:30:18	No

Element: Sn Seq. No.: 67 AS Loc.: 10 Date: 01/03/2002

Sample ID: 29786

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	-5.171	-5.171	-0.001	0.001	0.005	0.022	0.019	13:33:01	No

Element: Sn Seq. No.: 68 AS Loc.: 11 Date: 01/03/2002

Sample ID: 29787

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	-10.94	-10.94	-0.003	-0.001	0.005	0.022	0.019	13:35:46	No

Element: Sn Seq. No.: 69 AS Loc.: 12 Date: 01/03/2002

Sample ID: 29789

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	-11.48	-11.48	-0.003	-0.001	0.004	0.021	0.018	13:38:31	No

Element: Sn Seq. No.: 70 AS Loc.: 13 Date: 01/03/2002

Sample ID: 29790

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	-6.719	-6.719	-0.002	0.001	0.005	0.020	0.019	13:41:16	No

Element: Sn Seq. No.: 71 AS Loc.: 2 Date: 01/03/2002

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	92.85	92.85	0.031	0.034	0.087	0.026	0.019	13:43:57	No

QC value within specified limits.

Element: Sn Seq. No.: 72 AS Loc.: 3 Date: 01/03/2002

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	-3.917	-3.917	-0.001	0.002	0.005	0.015	0.015	13:46:33	No

Element: Sn Seq. No.: 73 AS Loc.: 14 Date: 01/03/2002

Sample ID: 29791

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	-5.176	-5.176	-0.001	0.001	0.005	0.045	0.027	13:49:14	No

Element: Sn Seq. No.: 74 AS Loc.: 15 Date: 01/03/2002

Sample ID: 29925

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	-5.462	-5.462	-0.001	0.001	0.004	0.022	0.020	13:51:59	No

Element: Sn Seq. No.: 75 AS Loc.: 16 Date: 01/03/2002

Sample ID: 29926

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	-8.317	-8.317	-0.002	0.000	0.006	0.021	0.019	13:54:43	No

Element: Sn Seq. No.: 1 AS Loc.: 1 Date: 01/03/2002

Sample ID: 29926 Details: N3050182

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L dispensed: 5 from 3, 5 from 3, 3 from 38, 12 from 1

Repl	Sample	Conc	Std	Conc	Ink	Corr	Peak	Peak	kgnd	kgnd	Time	Peak
					Area	Height	Area	Height				
1	9/L	0.98	9/L	0.98	0.01	0.019	0.08	0.02	0.018	13:53	No	

Recovery is 100.0%

Element: Sn Seq. No.: 1 AS Loc.: 1 Date: 01/03/2002

Sample ID: 29927 Details: N3050182

L dispensed: 8 from 3, 5 from 3, 12 from 1

Repl	Sample	Conc	Std	Conc	Ink	Corr	Peak	Peak	kgnd	kgnd	Time	Peak
					Area	Height	Area	Height				
1	9/L	0.0	9/L	0.0	0.002	0.000	0.005	0.035	0.023	1:00:12	No	

Element: Sn Seq. No.: 8 AS Loc.: 1 Date: 01/03/2002

Sample ID: 29928 Details: N3050182

L dispensed: 5 from 3, 5 from 3, 12 from 1

Repl	Sample	Conc	Std	Conc	Ink	Corr	Peak	Peak	kgnd	kgnd	Time	Peak
					Area	Height	Area	Height				
1	9/L	0.23	9/L	0.23	0.001	0.00	0.020	0.018	1:02:52	No		

Element: Sn Seq. No.: 19 AS Loc.: 19 Date: 01/03/2002

Sample ID: 29929 Details: N3050182

L dispensed: 5 from 3, 5 from 3, 12 from 1

Repl	Sample	Conc	Std	Conc	Ink	Corr	Peak	Peak	kgnd	kgnd	Time	Peak
					Area	Height	Area	Height				
1	9/L	0.0	9/L	0.0	0.001	0.00	0.020	0.018	1:05:31	No		

Element: Sn Seq. No.: 80 AS Loc.: 20 Date: 01/03/2002

Sample ID: 29930 Details: N3050182

L dispensed: 8 from 3, 5 from 3, 12 from 20

Repl	Sample	Conc	Std	Conc	Ink	Corr	Peak	Peak	kgnd	kgnd	Time	Peak
					Area	Height	Area	Height				
1	9/L	5.0	9/L	5.0	0.001	0.00	0.020	0.018	1:05:31	No		

Element: Sn Seq. No.: 81 AS Loc.: 21 Date: 01/03/2002

Sample ID: 29931 Details: N3050182

L dispensed: 8 from 3, 5 from 3, 12 from 21

Repl	Sample	Conc	Std	Conc	Ink	Corr	Peak	Peak	kgnd	kgnd	Time	Peak
					Area	Height	Area	Height				
1	9/L	5.20	9/L	5.20	0.001	0.001	0.003	0.022	0.01	1:10:5	No	

Product Name:

Titanium (Ti) Lumina Hollow Cathode Lamp, Diameter: 50mm (2in.)

Product Details:

This element requires a nitrous oxide-acetylene flame. Series N30501XX and N30502XX Lumina lamps do an Intensitron adapter cable and are designed to be used with PerkinElmer's AAnalyst™ series of instrument hollow cathode lamps may also be used with all earlier AA spectrometers that do not have automatic code capability by using an appropriate adapter cable.

Unit Size

EA

Price

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Element: Sn

Seq. No.: 82

AS Loc.: 22

Date: 01/03/2002

Sample ID: 29962

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

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-6.176	-6.176	-0.002	0.001	0.004	0.019	0.017	14:13:21	No

=====

Element: Sn

Seq. No.: 83

AS Loc.: 2

Date: 01/03/2002

Sample ID: IPC

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

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	91.91	91.91	0.031	0.033	0.085	0.025	0.017	14:15:58	No

QC value within specified limits.