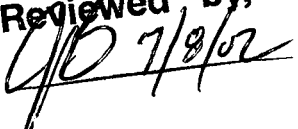


**Sample Information File Untitled**

Description : Sn 4/9/02  
 Batch ID :  
 Volume Units :  
 Weight Units :  
 Analyst :  
 Sample Volume : 1.000  
 Nominal Weight : 1.000000

| AS Sample ID<br>Loc | Sample Sample<br>Weight Units | User<br>Dilution | Remarks |
|---------------------|-------------------------------|------------------|---------|
| 1 QCS               |                               |                  |         |
| 2 IPC               |                               |                  |         |
| 3 CB                |                               |                  |         |
| 4 LFB               |                               |                  |         |
| 5 LRB               |                               |                  |         |
| 6 7484              |                               |                  |         |
| 7 7484dup           |                               |                  |         |
| 8 7485              |                               |                  |         |
| 9 7486              |                               |                  |         |
| 10 7487             |                               |                  |         |
| 11 7488             |                               |                  |         |
| 12 7489             |                               |                  |         |
| 13 7490             |                               |                  |         |
| 14 7498             |                               |                  |         |
| 15 7499             |                               |                  |         |
| 16 7500             |                               |                  |         |
| 17 7502             |                               |                  |         |
| 18 7503             |                               |                  |         |
| 19 7504             |                               |                  |         |
| 20 7510             |                               |                  |         |
| 21 7511             |                               |                  |         |
| 22 7512             |                               |                  |         |
| 23 7513             |                               |                  |         |
| 24 7514             |                               |                  |         |
| 25 7515             |                               |                  |         |
| 26 7516             |                               |                  |         |
| 27 7516dup          |                               |                  |         |
| 28 7518             |                               |                  |         |
| 29 7519             |                               |                  |         |
| 30 7568             |                               |                  |         |
| 31 7569             |                               |                  |         |
| 32 7627             |                               |                  |         |
| 33 7628             |                               |                  |         |
| 34 7629             |                               |                  |         |
| 35 7631             |                               |                  |         |
| 39 7632             |                               |                  |         |
| 40 7633             |                               |                  |         |

Reviewed by,  
  
 7/8/02

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

Date: 04/09/2002

Technique: Furnace

Wavelength: 286.3 nm

Lamp Current: 30

Sample Info File: Untitled

Calibration Equation: Calc. Intercept: Linear

Slit Width: 0.70 nm

Energy: 59

Results Data Set:

Element: Sn Seq. No.: 1 AS Loc.: 36 Date: 04/09/2002

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      |                 |               | 0.001          | 0.001     | 0.004       | 0.009      | 0.032        | 10:00:17 | No          |

Auto-zero performed.

Element: Sn Seq. No.: 2 AS Loc.: 38 Date: 04/09/2002

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      |                 |               | 0.066          | 0.067     | 0.235       | 0.022      | 0.044        | 10:02:53 | No          |

Standard number 1 applied. [50.0]

Correlation Coefficient: 1.0000

Slope: 0.0013

Element: Sn Seq. No.: 3 AS Loc.: 38 Date: 04/09/2002

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      |                 |               | 0.123          | 0.124     | 0.401       | 0.030      | 0.067        | 10:05:35 | No          |

Standard number 2 applied. [100.0]

Correlation Coefficient: 0.9992

Slope: 0.0012

Element: Sn Seq. No.: 4 AS Loc.: 38 Date: 04/09/2002

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      |                 |               | 0.175          | 0.176     | 0.577       | 0.044      | 0.112        | 10:08:15 | No          |

Standard number 3 applied. [150.0]

Correlation Coefficient: 0.9986

Slope: 0.0012

Element: Sn Seq. No.: 5 AS Loc.: 38 Date: 04/09/2002

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      |                 |               | 0.221          | 0.223     | 0.737       | 0.052      | 0.145        | 10:10:57 | No          |

The calibration curve may not be linear.

Standard number 4 applied. [200.0]

Correlation Coefficient: 0.9977

Slope: 0.0011

Element: Sn Seq. No.: 6 AS Loc.: 1 Date: 04/09/2002

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      | 108.2           | 108.2         | 0.126          | 0.127     | 0.431       | 0.028      | 0.069        | 10:22:59 | No          |

QC value within specified limits.

Element: Sn Seq. No.: 7 AS Loc.: 2 Date: 04/09/2002

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      | 103.3           | 103.3         | 0.121          | 0.122     | 0.415       | 0.031      | 0.078        | 10:25:35 | No          |

QC value within specified limits.

Element: Sn Seq. No.: 8 AS Loc.: 3 Date: 04/09/2002

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      | -8.899          | -8.899        | -0.003         | -0.002    | 0.004       | 0.013      | 0.032        | 10:28:11 | No          |

Element: Sn Seq. No.: 9 AS Loc.: 4 Date: 04/09/2002

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      | 191.1           | 191.1         | 0.218          | 0.219     | 0.690       | 0.049      | 0.135        | 10:30:47 | No          |

QC value within specified limits.

Element: Sn Seq. No.: 10 AS Loc.: 5 Date: 04/09/2002

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      | -7.043          | -7.043        | -0.001         | 0.000     | 0.004       | 0.011      | 0.032        | 10:33:25 | No          |

Element: Sn Seq. No.: 11 AS Loc.: 6 Date: 04/09/2002

Sample ID: 7484

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      | -2.194          | -2.194        | 0.004          | 0.005     | 0.021       | 0.019      | 0.038        | 10:36:03 | No          |

=====  
 Element: Sn Seq. No.: 12 AS Loc.: 6 Date: 04/09/2002

Sample ID: 7484

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

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | 42.00           | 42.00         | 0.053           | 0.054     | 0.172       | 0.021      | 0.046        | 10:38:49 | No          |

Recovery is 84.0% (outside of specified limits)

=====  
 Element: Sn Seq. No.: 13 AS Loc.: 6 Date: 04/09/2002

Sample ID: 7484

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

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -17.32          | -5.774        | 0.000           | 0.001     | 0.008       | 0.014      | 0.033        | 10:41:27 | No          |

=====  
 Element: Sn Seq. No.: 14 AS Loc.: 6 Date: 04/09/2002

Sample ID: 7484

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

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | 137.6           | 45.88         | 0.057           | 0.058     | 0.189       | 0.023      | 0.050        | 10:44:12 | No          |

Recovery is 91.8%

=====  
 Element: Sn Seq. No.: 15 AS Loc.: 7 Date: 04/09/2002

Sample ID: 7484dup

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

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -3.462          | -3.462        | 0.003           | 0.004     | 0.012       | 0.016      | 0.039        | 10:46:51 | No          |

=====  
 Element: Sn Seq. No.: 16 AS Loc.: 7 Date: 04/09/2002

Sample ID: 7484dup

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

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | 42.21           | 42.21         | 0.053           | 0.054     | 0.169       | 0.022      | 0.049        | 10:49:37 | No          |

Recovery is 84.4% (outside of specified limits)

=====  
 Element: Sn Seq. No.: 17 AS Loc.: 7 Date: 04/09/2002

Sample ID: 7484dup

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      | -9.999          | -3.333        | 0.003           | 0.004     | 0.006       | 0.014      | 0.034        | 10:52:17 | No          |

=====  
 Element: Sn Seq. No.: 18 AS Loc.: 7 Date: 04/09/2002  
 Sample ID: 7484dup  
 µL dispensed: 13 from 36, 5 from 37, 3 from 38, 4 from 7

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | 140.8           | 46.94         | 0.059           | 0.060     | 0.174       | 0.022      | 0.051        | 10:55:03 | No          |

Recovery is 93.9% ✓

=====  
 Element: Sn Seq. No.: 19 AS Loc.: 8 Date: 04/09/2002  
 Sample ID: 7485  
 µL dispensed: 8 from 36, 5 from 37, 12 from 8

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -4.988          | -4.988        | 0.001           | 0.002     | 0.008       | 0.015      | 0.037        | 10:57:43 | No          |

=====  
 Element: Sn Seq. No.: 20 AS Loc.: 9 Date: 04/09/2002  
 Sample ID: 7486  
 µL dispensed: 8 from 36, 5 from 37, 12 from 9

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.019          | -5.019        | 0.001           | 0.002     | 0.007       | 0.017      | 0.038        | 11:00:25 | No          |

=====  
 Element: Sn Seq. No.: 21 AS Loc.: 2 Date: 04/09/2002  
 Sample ID: IPC  
 µL dispensed: 8 from 36, 5 from 37, 12 from 2

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | 110.0           | 110.0         | 0.128           | 0.129     | 0.403       | 0.035      | 0.082        | 11:03:06 | No          |

QC value within specified limits.

=====  
 Element: Sn Seq. No.: 22 AS Loc.: 3 Date: 04/09/2002  
 Sample ID: CB  
 µL dispensed: 8 from 36, 5 from 37, 12 from 3

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.526          | -5.526        | 0.001           | 0.002     | 0.005       | 0.011      | 0.030        | 11:05:42 | No          |

=====  
 Element: Sn Seq. No.: 23 AS Loc.: 10 Date: 04/09/2002  
 Sample ID: 7487  
 µL dispensed: 8 from 36, 5 from 37, 12 from 10

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -3.846          | -3.846        | 0.002           | 0.004     | 0.008       | 0.015      | 0.033        | 11:08:21 | No          |

*Only 7 high (150ppb) spike works*

=====

Element: Sn      Seq. No.: 24      AS Loc.: 11      Date: 04/09/2002

Sample ID: 7488

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      | -3.744          | -3.744        | 0.003          | 0.004     | 0.007       | 0.020      | 0.041        | 11:11:06 | No          |

=====

Element: Sn      Seq. No.: 25      AS Loc.: 12      Date: 04/09/2002

Sample ID: 7489

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      | -5.074          | -5.074        | 0.001          | 0.002     | 0.005       | 0.015      | 0.036        | 11:13:51 | No          |

=====

Element: Sn      Seq. No.: 26      AS Loc.: 13      Date: 04/09/2002

Sample ID: 7490

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

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -6.294          | -6.294        | 0.000          | 0.001     | 0.005       | 0.015      | 0.037        | 11:16:35 | No          |

=====

Element: Sn      Seq. No.: 27      AS Loc.: 14      Date: 04/09/2002

Sample ID: 7498

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      | -6.222          | -6.222        | 0.000          | 0.001     | 0.005       | 0.017      | 0.036        | 11:19:21 | No          |

=====

Element: Sn      Seq. No.: 28      AS Loc.: 15      Date: 04/09/2002

Sample ID: 7499

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      | -6.858          | -6.858        | -0.001         | 0.000     | 0.005       | 0.021      | 0.042        | 11:22:05 | No          |

=====

Element: Sn      Seq. No.: 29      AS Loc.: 16      Date: 04/09/2002

Sample ID: 7500

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      | -6.087          | -6.087        | 0.000          | 0.001     | 0.005       | 0.014      | 0.038        | 11:24:53 | No          |

=====

Element: Sn      Seq. No.: 30      AS Loc.: 16      Date: 04/09/2002

Sample ID: 7500

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

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | 45.13           | 45.13         | 0.057          | 0.058     | 0.149       | 0.023      | 0.044        | 11:27:42 | No          |

Recovery is 90.3%

=====  
 Element: Sn Seq. No.: 31 AS Loc.: 17 Date: 04/09/2002  
 Sample ID: 7502  
 µL dispensed: 8 from 36, 5 from 37, 12 from 17  
 =====

| Repl # | SampleConc µg/L | StdConc µg/L | Blncorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.425          | -5.425       | 0.001          | 0.002     | 0.005       | 0.013      | 0.035        | 11:30:23 | No          |

=====  
 Element: Sn Seq. No.: 32 AS Loc.: 18 Date: 04/09/2002  
 Sample ID: 7503  
 µL dispensed: 8 from 36, 5 from 37, 12 from 18  
 =====

| Repl # | SampleConc µg/L | StdConc µg/L | Blncorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -3.984          | -3.984       | 0.002          | 0.003     | 0.006       | 0.014      | 0.036        | 11:33:04 | No          |

=====  
 Element: Sn Seq. No.: 33 AS Loc.: 2 Date: 04/09/2002  
 Sample ID: IPC  
 µL dispensed: 8 from 36, 5 from 37, 12 from 2  
 =====

| Repl # | SampleConc µg/L | StdConc µg/L | Blncorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | 108.2           | 108.2        | 0.126          | 0.127     | 0.368       | 0.033      | 0.070        | 11:35:41 | No          |

QC value within specified limits.

=====  
 Element: Sn Seq. No.: 34 AS Loc.: 3 Date: 04/09/2002  
 Sample ID: CB  
 µL dispensed: 8 from 36, 5 from 37, 12 from 3  
 =====

| Repl # | SampleConc µg/L | StdConc µg/L | Blncorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -6.534          | -6.534       | -0.001         | 0.001     | 0.004       | 0.012      | 0.028        | 11:38:17 | No          |

=====  
 Element: Sn Seq. No.: 35 AS Loc.: 4 Date: 04/09/2002  
 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      | 193.6           | 193.6        | 0.221          | 0.222     | 0.576       | 0.051      | 0.110        | 11:40:54 | No          |

QC value within specified limits.

=====  
 Element: Sn Seq. No.: 36 AS Loc.: 5 Date: 04/09/2002  
 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      | -5.457          | -5.457       | 0.001          | 0.002     | 0.005       | 0.013      | 0.025        | 11:43:30 | No          |

=====

Element: Sn      Seq. No.: 37      AS Loc.: 19      Date: 04/09/2002  
Sample ID: 7504  
µL dispensed: 8 from 36, 5 from 37, 12 from 19

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.382          | -5.382        | 0.001           | 0.002     | 0.005       | 0.022      | 0.045        | 11:46:11 | No          |

=====

Element: Sn      Seq. No.: 38      AS Loc.: 20      Date: 04/09/2002  
Sample ID: 7510  
µL dispensed: 8 from 36, 5 from 37, 12 from 20

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -4.788          | -4.788        | 0.001           | 0.003     | 0.005       | 0.015      | 0.036        | 11:48:50 | No          |

=====

Element: Sn      Seq. No.: 39      AS Loc.: 21      Date: 04/09/2002  
Sample ID: 7511  
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      | -6.392          | -6.392        | 0.000           | 0.001     | 0.004       | 0.017      | 0.034        | 11:51:26 | No          |

=====

Element: Sn      Seq. No.: 40      AS Loc.: 22      Date: 04/09/2002  
Sample ID: 7512  
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      | -4.995          | -4.995        | 0.001           | 0.002     | 0.004       | 0.017      | 0.036        | 11:54:02 | No          |

=====

Element: Sn      Seq. No.: 41      AS Loc.: 23      Date: 04/09/2002  
Sample ID: 7513  
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      | -7.468          | -7.468        | -0.002          | 0.000     | 0.004       | 0.017      | 0.037        | 11:56:38 | No          |

=====

Element: Sn      Seq. No.: 42      AS Loc.: 24      Date: 04/09/2002  
Sample ID: 7514  
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      | -6.609          | -6.609        | -0.001          | 0.000     | 0.006       | 0.015      | 0.035        | 11:59:15 | No          |

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

Date: 04/09/2002

Technique: Furnace

Wavelength: 286.3 nm

Lamp Current: 30

Sample Info File: Untitled

Calibration Equation: Calc. Intercept: Linear

Slit Width: 0.70 nm

Energy: 59

Results Data Set:

Element: Sn Seq. No.: 43 AS Loc.: 2 Date: 04/09/2002

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      | 97.82           | 97.82         | 0.115          | 0.116     | 0.352       | 0.056      | 0.089        | 12:40:26 | No          |

QC value within specified limits.

Element: Sn Seq. No.: 44 AS Loc.: 3 Date: 04/09/2002

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      | -5.765          | -5.765        | 0.000          | 0.001     | 0.005       | 0.011      | 0.026        | 12:43:02 | No          |

Element: Sn Seq. No.: 45 AS Loc.: 25 Date: 04/09/2002

Sample ID: 7515

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      | -6.438          | -6.438        | 0.000          | 0.001     | 0.006       | 0.016      | 0.036        | 12:45:40 | No          |

Element: Sn Seq. No.: 46 AS Loc.: 26 Date: 04/09/2002

Sample ID: 7516

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      | -7.209          | -7.209        | -0.001         | 0.000     | 0.005       | 0.015      | 0.034        | 12:48:20 | No          |

Element: Sn Seq. No.: 47 AS Loc.: 26 Date: 04/09/2002

Sample ID: 7516

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      | 53.46           | 53.46         | 0.066          | 0.067     | 0.175       | 0.025      | 0.047        | 12:51:05 | No          |

Recovery is 106.9%

=====  
 Element: Sn Seq. No.: 48 AS Loc.: 27 Date: 04/09/2002  
 Sample ID: 7516dup  
 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      | -5.686          | -5.686        | 0.000          | 0.002     | 0.006       | 0.016      | 0.034        | 12:53:46 | No          |

=====  
 Element: Sn Seq. No.: 49 AS Loc.: 27 Date: 04/09/2002  
 Sample ID: 7516dup  
 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      | 51.07           | 51.07         | 0.063          | 0.064     | 0.176       | 0.023      | 0.048        | 12:56:33 | No          |

Recovery is 102.1% *✓ good dup*

=====  
 Element: Sn Seq. No.: 50 AS Loc.: 28 Date: 04/09/2002  
 Sample ID: 7518  
 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      | -3.738          | -3.738        | 0.003          | 0.004     | 0.005       | 0.012      | 0.031        | 12:59:16 | No          |

=====  
 Element: Sn Seq. No.: 51 AS Loc.: 29 Date: 04/09/2002  
 Sample ID: 7519  
 µL dispensed: 8 from 36, 5 from 37, 12 from 29  
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -6.933          | -6.933        | -0.001         | 0.000     | 0.005       | 0.015      | 0.033        | 13:02:01 | No          |

=====  
 Element: Sn Seq. No.: 52 AS Loc.: 30 Date: 04/09/2002  
 Sample ID: 7568  
 µL dispensed: 8 from 36, 5 from 37, 12 from 30  
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.849          | -5.849        | 0.000          | 0.001     | 0.005       | 0.015      | 0.032        | 13:04:46 | No          |

=====  
 Element: Sn Seq. No.: 53 AS Loc.: 31 Date: 04/09/2002  
 Sample ID: 7569  
 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      | -7.345          | -7.345        | -0.001         | 0.000     | 0.006       | 0.016      | 0.032        | 13:07:32 | No          |

=====  
 Element: Sn Seq. No.: 54 AS Loc.: 32 Date: 04/09/2002  
 Sample ID: 7627  
 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      | -6.961          | -6.961        | -0.001         | 0.000     | 0.004       | 0.016      | 0.032        | 13:10:16 | No          |

=====  
 Element: Sn Seq. No.: 55 AS Loc.: 2 Date: 04/09/2002  
 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      | 111.4           | 111.4         | 0.130          | 0.131     | 0.357       | 0.032      | 0.061        | 13:12:55 | No          |

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

=====  
 Element: Sn Seq. No.: 56 AS Loc.: 2 Date: 04/09/2002  
 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      | 107.4           | 107.4         | 0.125          | 0.126     | 0.350       | 0.033      | 0.064        | 13:15:33 | No          |

QC value within specified limits.

=====  
 Element: Sn Seq. No.: 57 AS Loc.: 3 Date: 04/09/2002  
 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      | -7.642          | -7.642        | -0.002         | -0.001    | 0.005       | 0.013      | 0.024        | 13:18:10 | No          |

=====  
 Element: Sn Seq. No.: 58 AS Loc.: 33 Date: 04/09/2002  
 Sample ID: 7628  
 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      | -6.297          | -6.297        | 0.000          | 0.001     | 0.006       | 0.016      | 0.036        | 13:20:50 | No          |

=====  
 Element: Sn Seq. No.: 59 AS Loc.: 34 Date: 04/09/2002  
 Sample ID: 7629  
 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      | -6.733          | -6.733        | -0.001         | 0.000     | 0.006       | 0.024      | 0.040        | 13:23:31 | No          |

=====

Element: Sn      Seq. No.: 60      AS Loc.: 35      Date: 04/09/2002

Sample ID: 7631

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

-----

| Repl # | SampleConc µg/L | StdConc µg/L | BlkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -7.037          | -7.037       | -0.001         | 0.000     | 0.004       | 0.016      | 0.032        | 13:26:10 | No          |

=====

Element: Sn      Seq. No.: 61      AS Loc.: 39      Date: 04/09/2002

Sample ID: 7632

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

-----

| Repl # | SampleConc µg/L | StdConc µg/L | BlkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.659          | -5.659       | 0.000          | 0.002     | 0.005       | 0.015      | 0.033        | 13:28:50 | No          |

=====

Element: Sn      Seq. No.: 62      AS Loc.: 40      Date: 04/09/2002

Sample ID: 7633

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

-----

| Repl # | SampleConc µg/L | StdConc µg/L | BlkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|--------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.174          | -5.174       | 0.001          | 0.002     | 0.006       | 0.024      | 0.039        | 13:31:35 | No          |

=====

Element: Sn      Seq. No.: 63      AS Loc.: 2      Date: 04/09/2002

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      | 107.6           | 107.6        | 0.126          | 0.127     | 0.344       | 0.031      | 0.060        | 13:34:13 | No          |

QC value within specified limits.

=====

Element: Sn      Seq. No.: 64      AS Loc.: 3      Date: 04/09/2002

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      | -5.940          | -5.940       | 0.000          | 0.001     | 0.006       | 0.013      | 0.024        | 13:36:50 | No          |

=====

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**Sample Information File Untitled**

Description : Sn 4/9/02 (2)  
Batch ID :  
Volume Units :  
Weight Units :  
Analyst :  
Sample Volume : 1.000  
Nominal Weight : 1.000000

| AS Sample ID<br>Loc | Sample Sample<br>Weight Units | User<br>Dilution | Remarks |
|---------------------|-------------------------------|------------------|---------|
| 1 QCS               |                               |                  |         |
| 2 IPC               |                               |                  |         |
| 3 CB                |                               |                  |         |
| 4 LFB               |                               |                  |         |
| 5 LRB               |                               |                  |         |
| 6 7635              |                               |                  |         |
| 7 7635dup           |                               |                  |         |
| 8 7636              |                               |                  |         |
| 9 7637              |                               |                  |         |
| 10 7765             |                               |                  |         |
| 11 7766             |                               |                  |         |
| 12 7767             |                               |                  |         |
| 13 7768             |                               |                  |         |
| 14 7769             |                               |                  |         |
| 15 7770             |                               |                  |         |
| 16 7771             |                               |                  |         |
| 17 7972             |                               |                  |         |
| 18 7973             |                               |                  |         |
| 19 7974             |                               |                  |         |
| 20 7975             |                               |                  |         |
| 21 7976             |                               |                  |         |
| 22 7977             |                               |                  |         |
| 23 7978             |                               |                  |         |
| 24 8012             |                               |                  |         |
| 25 8013             |                               |                  |         |
| 26 8014             |                               |                  |         |
| 27 8014dup          |                               |                  |         |
| 28 8016             |                               |                  |         |
| 29 8017             |                               |                  |         |
| 30 8018             |                               |                  |         |
| 31 8063             |                               |                  |         |
| 32 8064             |                               |                  |         |
| 33 8065             |                               |                  |         |
| 34 8066             |                               |                  |         |
| 35 8067             |                               |                  |         |
| 39 8068             |                               |                  |         |
| 40 8069             |                               |                  |         |

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

Date: 04/09/2002  
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear  
 Wavelength: 286.3 nm Slit Width: 0.70 nm  
 Lamp Current: 30 Energy: 57  
 Sample Info File: Untitled Results Data Set:

Element: Sn Seq. No.: 65 AS Loc.: 36 Date: 04/09/2002  
 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      |                 |              | -0.001         | 0.000     | 0.004       | 0.011      | 0.024        | 14:13:34 | No          |

Auto-zero performed.

Element: Sn Seq. No.: 66 AS Loc.: 38 Date: 04/09/2002  
 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      |                 |              | 0.067          | 0.067     | 0.164       | 0.023      | 0.035        | 14:16:11 | No          |

Standard number 1 applied. [50.0]

Correlation Coefficient: 1.0000

Slope: 0.0013

Element: Sn Seq. No.: 67 AS Loc.: 38 Date: 04/09/2002  
 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      |                 |              | 0.120          | 0.120     | 0.317       | 0.032      | 0.060        | 14:18:53 | No          |

Standard number 2 applied. [100.0]

Correlation Coefficient: 0.9979

Slope: 0.0012

Element: Sn Seq. No.: 68 AS Loc.: 38 Date: 04/09/2002  
 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      |                 |              | 0.173          | 0.174     | 0.467       | 0.041      | 0.087        | 14:21:34 | No          |

Standard number 3 applied. [150.0]

Correlation Coefficient: 0.9984

Slope: 0.0011

Element: Sn Seq. No.: 69 AS Loc.: 38 Date: 04/09/2002  
 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      |                 |              | 0.221          | 0.222     | 0.566       | 0.048      | 0.109        | 14:24:17 | No          |

The calibration curve may not be linear.

Standard number 4 applied. [200.0]

Correlation Coefficient: 0.9982

Slope: 0.0011

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

Date: 04/09/2002

Technique: Furnace

Wavelength: 286.3 nm

Lamp Current: 30

Sample Info File: Untitled

Calibration Equation: Calc. Intercept: Linear

Slit Width: 0.70 nm

Energy: 57

Results Data Set:

Element: Sn Seq. No.: 70 AS Loc.: 1 Date: 04/09/2002

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      | 112.3           | 112.3         | 0.130          | 0.130     | 0.332       | 0.032      | 0.062        | 14:27:39 | No          |

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

Element: Sn Seq. No.: 71 AS Loc.: 1 Date: 04/09/2002

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      | 102.8           | 102.8         | 0.119          | 0.120     | 0.333       | 0.030      | 0.062        | 14:30:16 | No          |

QC value within specified limits.

Element: Sn Seq. No.: 72 AS Loc.: 2 Date: 04/09/2002

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      | 95.87           | 95.87         | 0.112          | 0.112     | 0.295       | 0.028      | 0.056        | 14:32:52 | No          |

QC value within specified limits.

Element: Sn Seq. No.: 73 AS Loc.: 3 Date: 04/09/2002

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      | -6.162          | -6.162        | 0.000          | 0.000     | 0.005       | 0.011      | 0.023        | 14:35:29 | No          |

Element: Sn Seq. No.: 74 AS Loc.: 4 Date: 04/09/2002

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      | 188.7           | 188.7         | 0.214          | 0.214     | 0.547       | 0.048      | 0.100        | 14:38:06 | No          |

QC value within specified limits.

Element: Sn Seq. No.: 75 AS Loc.: 5 Date: 04/09/2002

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      | -5.899          | -5.899        | 0.000          | 0.000     | 0.007       | 0.011      | 0.022        | 14:40:43 | No          |

Element: Sn Seq. No.: 76 AS Loc.: 6 Date: 04/09/2002

Sample ID: 7635

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      | -6.408          | -6.408        | -0.001         | 0.000     | 0.007       | 0.014      | 0.030        | 14:43:21 | No          |

Element: Sn Seq. No.: 77 AS Loc.: 6 Date: 04/09/2002

Sample ID: 7635

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      | 40.17           | 40.17         | 0.051          | 0.051     | 0.139       | 0.022      | 0.038        | 14:46:08 | No          |

Recovery is 80.3% (outside of specified limits)

Element: Sn Seq. No.: 78 AS Loc.: 6 Date: 04/09/2002

Sample ID: 7635

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      | -19.29          | -6.429        | -0.001         | 0.000     | 0.006       | 0.014      | 0.028        | 14:48:45 | No          |

Element: Sn Seq. No.: 79 AS Loc.: 6 Date: 04/09/2002

Sample ID: 7635

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      | 145.8           | 48.60         | 0.060          | 0.060     | 0.159       | 0.022      | 0.040        | 14:51:31 | No          |

Recovery is 97.2%

Element: Sn Seq. No.: 80 AS Loc.: 7 Date: 04/09/2002

Sample ID: 7635dup

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      | -3.302          | -3.302        | 0.003          | 0.003     | 0.006       | 0.014      | 0.028        | 14:54:11 | No          |

=====  
 Element: Sn Seq. No.: 81 AS Loc.: 7 Date: 04/09/2002  
 Sample ID: 7635dup  
 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      | 43.93           | 43.93         | 0.055          | 0.055     | 0.145       | 0.021      | 0.041        | 14:56:57 | No          |

Recovery is 87.9%

=====  
 Element: Sn Seq. No.: 82 AS Loc.: 8 Date: 04/09/2002  
 Sample ID: 7636  
 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      | -3.411          | -3.411        | 0.003          | 0.003     | 0.006       | 0.014      | 0.030        | 14:59:38 | No          |

=====  
 Element: Sn Seq. No.: 83 AS Loc.: 9 Date: 04/09/2002  
 Sample ID: 7637  
 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      | -5.155          | -5.155        | 0.001          | 0.001     | 0.005       | 0.024      | 0.037        | 15:02:20 | No          |

=====  
 Element: Sn Seq. No.: 84 AS Loc.: 10 Date: 04/09/2002  
 Sample ID: 7765  
 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      | -4.880          | -4.880        | 0.001          | 0.001     | 0.005       | 0.016      | 0.030        | 15:05:04 | No          |

=====  
 Element: Sn Seq. No.: 85 AS Loc.: 11 Date: 04/09/2002  
 Sample ID: 7766  
 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      | -5.247          | -5.247        | 0.001          | 0.001     | 0.005       | 0.015      | 0.030        | 15:07:48 | No          |

=====  
 Element: Sn Seq. No.: 86 AS Loc.: 2 Date: 04/09/2002  
 Sample ID: IPC  
 µL dispensed: 8 from 36, 5 from 37, 12 from 2

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | 93.99           | 93.99         | 0.110          | 0.110     | 0.306       | 0.029      | 0.054        | 15:10:30 | No          |

QC value within specified limits.

Element: Sn Seq. No.: 87 AS Loc.: 3 Date: 04/09/2002

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      | -4.553          | -4.553        | 0.001          | 0.002     | 0.006       | 0.012      | 0.023        | 15:13:07 | No          |

Element: Sn Seq. No.: 88 AS Loc.: 12 Date: 04/09/2002

Sample ID: 7767

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      | -4.944          | -4.944        | 0.001          | 0.001     | 0.006       | 0.016      | 0.031        | 15:15:48 | No          |

Element: Sn Seq. No.: 89 AS Loc.: 13 Date: 04/09/2002

Sample ID: 7768

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      | -4.789          | -4.789        | 0.001          | 0.001     | 0.006       | 0.016      | 0.029        | 15:18:33 | No          |

Element: Sn Seq. No.: 90 AS Loc.: 14 Date: 04/09/2002

Sample ID: 7769

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      | -5.374          | -5.374        | 0.001          | 0.001     | 0.006       | 0.018      | 0.030        | 15:21:19 | No          |

Element: Sn Seq. No.: 91 AS Loc.: 15 Date: 04/09/2002

Sample ID: 7770

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      | -6.292          | -6.292        | -0.001         | 0.000     | 0.007       | 0.018      | 0.032        | 15:24:04 | No          |

Element: Sn Seq. No.: 92 AS Loc.: 16 Date: 04/09/2002

Sample ID: 7771

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      | -7.240          | -7.240        | -0.002         | -0.001    | 0.006       | 0.026      | 0.037        | 15:26:47 | No          |

Element: Sn Seq. No.: 93 AS Loc.: 16 Date: 04/09/2002

Sample ID: 7771

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      | 42.54           | 42.54         | 0.053          | 0.053     | 0.159       | 0.032      | 0.042        | 15:29:35 | No          |

Recovery is 85.1%

=====  
 Element: Sn Seq. No.: 94 AS Loc.: 17 Date: 04/09/2002  
 Sample ID: 7972  
 µL dispensed: 8 from 36, 5 from 37, 12 from 17  
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -6.886          | -6.886        | -0.001          | -0.001    | 0.005       | 0.018      | 0.028        | 15:32:17 | No          |

=====  
 Element: Sn Seq. No.: 95 AS Loc.: 18 Date: 04/09/2002  
 Sample ID: 7973  
 µL dispensed: 8 from 36, 5 from 37, 12 from 18  
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -6.152          | -6.152        | 0.000           | 0.000     | 0.006       | 0.017      | 0.030        | 15:34:58 | No          |

=====  
 Element: Sn Seq. No.: 96 AS Loc.: 19 Date: 04/09/2002  
 Sample ID: 7974  
 µL dispensed: 8 from 36, 5 from 37, 12 from 19  
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.713          | -5.713        | 0.000           | 0.000     | 0.005       | 0.018      | 0.029        | 15:37:38 | No          |

=====  
 Element: Sn Seq. No.: 97 AS Loc.: 20 Date: 04/09/2002  
 Sample ID: 7975  
 µL dispensed: 8 from 36, 5 from 37, 12 from 20  
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.741          | -5.741        | 0.000           | 0.000     | 0.005       | 0.017      | 0.029        | 15:40:16 | No          |

=====  
 Element: Sn Seq. No.: 98 AS Loc.: 2 Date: 04/09/2002  
 Sample ID: IPC  
 µL dispensed: 8 from 36, 5 from 37, 12 from 2  
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | 91.47           | 91.47         | 0.107           | 0.107     | 0.315       | 0.030      | 0.058        | 15:42:53 | No          |

QC value within specified limits.

=====  
 Element: Sn Seq. No.: 99 AS Loc.: 3 Date: 04/09/2002  
 Sample ID: CB  
 µL dispensed: 8 from 36, 5 from 37, 12 from 3  
 =====

| Repl # | SampleConc µg/L | StndConc µg/L | BlnkCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.901          | -5.901        | 0.000           | 0.000     | 0.007       | 0.013      | 0.021        | 15:45:29 | No          |

Element: Sn Seq. No.: 100 AS Loc.: 4 Date: 04/09/2002

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      | 187.6           | 187.6         | 0.212          | 0.213     | 0.569       | 0.045      | 0.104        | 15:48:06 | No          |

QC value within specified limits.

Element: Sn Seq. No.: 101 AS Loc.: 5 Date: 04/09/2002

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      | -4.067          | -4.067        | 0.002          | 0.002     | 0.005       | 0.007      | 0.022        | 15:50:43 | No          |

Element: Sn Seq. No.: 102 AS Loc.: 21 Date: 04/09/2002

Sample ID: 7976

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      | -6.688          | -6.688        | -0.001         | -0.001    | 0.005       | 0.017      | 0.028        | 15:53:22 | No          |

Element: Sn Seq. No.: 103 AS Loc.: 22 Date: 04/09/2002

Sample ID: 7977

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      | -5.758          | -5.758        | 0.000          | 0.000     | 0.005       | 0.007      | 0.025        | 15:55:59 | No          |

Element: Sn Seq. No.: 104 AS Loc.: 23 Date: 04/09/2002

Sample ID: 7978

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      | -5.922          | -5.922        | 0.000          | 0.000     | 0.004       | 0.007      | 0.026        | 15:58:35 | No          |

Element: Sn Seq. No.: 105 AS Loc.: 24 Date: 04/09/2002

Sample ID: 8012

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      | -6.117          | -6.117        | 0.000          | 0.000     | 0.004       | 0.016      | 0.027        | 16:01:13 | No          |

Element: Sn Seq. No.: 106 AS Loc.: 25 Date: 04/09/2002

Sample ID: 8013

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      | -6.326          | -6.326        | -0.001         | 0.000     | 0.005       | 0.017      | 0.029        | 16:03:52 | No          |

Element: Sn Seq. No.: 107 AS Loc.: 26 Date: 04/09/2002

Sample ID: 8014

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      | -5.340          | -5.340        | 0.001          | 0.001     | 0.004       | 0.028      | 0.037        | 16:06:31 | No          |

Element: Sn Seq. No.: 108 AS Loc.: 26 Date: 04/09/2002

Sample ID: 8014

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      | 37.49           | 37.49         | 0.048          | 0.048     | 0.152       | 0.035      | 0.044        | 16:09:18 | No          |

Recovery is 75.0% (outside of specified limits)

Element: Sn Seq. No.: 109 AS Loc.: 26 Date: 04/09/2002

Sample ID: 8014

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      | -17.15          | -5.716        | 0.000          | 0.000     | 0.004       | 0.021      | 0.029        | 16:11:58 | No          |

Element: Sn Seq. No.: 110 AS Loc.: 26 Date: 04/09/2002

Sample ID: 8014

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      | 124.8           | 41.61         | 0.052          | 0.052     | 0.152       | 0.028      | 0.041        | 16:14:44 | No          |

Recovery is 83.2% (outside of specified limits)

Element: Sn Seq. No.: 111 AS Loc.: 27 Date: 04/09/2002

Sample ID: 8014dup

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      | -6.209          | -6.209        | 0.000          | 0.000     | 0.005       | 0.029      | 0.036        | 16:17:26 | No          |

Element: Sn Seq. No.: 112 AS Loc.: 27 Date: 04/09/2002  
 Sample ID: 8014dup  
 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      | 38.32           | 38.32         | 0.048          | 0.049     | 0.155       | 0.036      | 0.046        | 16:20:14 | No          |

Recovery is 76.6% (outside of specified limits)

Element: Sn Seq. No.: 113 AS Loc.: 27 Date: 04/09/2002  
 Sample ID: 8014dup  
 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      | -14.19          | -4.731        | 0.001          | 0.001     | 0.004       | 0.022      | 0.028        | 16:22:57 | No          |

Element: Sn Seq. No.: 114 AS Loc.: 27 Date: 04/09/2002  
 Sample ID: 8014dup  
 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      | 125.1           | 41.69         | 0.052          | 0.052     | 0.152       | 0.029      | 0.040        | 16:25:44 | No          |

Recovery is 83.4% (outside of specified limits)

Element: Sn Seq. No.: 115 AS Loc.: 2 Date: 04/09/2002  
 Sample ID: IPC  
 µL dispensed: 8 from 36, 5 from 37, 12 from 2

| Repl # | SampleConc µg/L | StndConc µg/L | Blncorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | 93.24           | 93.24         | 0.109          | 0.109     | 0.323       | 0.033      | 0.056        | 16:28:26 | No          |

QC value within specified limits.

Element: Sn Seq. No.: 116 AS Loc.: 3 Date: 04/09/2002  
 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      | -6.126          | -6.126        | 0.000          | 0.000     | 0.006       | 0.017      | 0.024        | 16:31:05 | No          |

Element: Sn Seq. No.: 117 AS Loc.: 28 Date: 04/09/2002  
 Sample ID: 8016  
 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      | -5.074          | -5.074        | 0.001          | 0.001     | 0.006       | 0.020      | 0.026        | 16:33:45 | No          |

=====

Element: Sn      Seq. No.: 118      AS Loc.: 29      Date: 04/09/2002

Sample ID: 8017

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

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -4.696          | -4.696        | 0.001           | 0.002     | 0.005       | 0.023      | 0.029        | 16:36:31 | No          |

=====

Element: Sn      Seq. No.: 119      AS Loc.: 30      Date: 04/09/2002

Sample ID: 8018

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

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.659          | -5.659        | 0.000           | 0.000     | 0.006       | 0.031      | 0.037        | 16:39:17 | No          |

=====

Element: Sn      Seq. No.: 120      AS Loc.: 31      Date: 04/09/2002

Sample ID: 8063

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

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.619          | -5.619        | 0.000           | 0.000     | 0.006       | 0.017      | 0.025        | 16:42:02 | No          |

=====

Element: Sn      Seq. No.: 121      AS Loc.: 32      Date: 04/09/2002

Sample ID: 8064

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

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.433          | -5.433        | 0.000           | 0.001     | 0.007       | 0.013      | 0.023        | 16:44:47 | No          |

=====

Element: Sn      Seq. No.: 122      AS Loc.: 33      Date: 04/09/2002

Sample ID: 8065

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

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -5.206          | -5.206        | 0.001           | 0.001     | 0.006       | 0.012      | 0.025        | 16:47:29 | No          |

=====

Element: Sn      Seq. No.: 123      AS Loc.: 34      Date: 04/09/2002

Sample ID: 8066

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

| Repl # | SampleConc µg/L | StndConc µg/L | BlncCorr Signal | Peak Area | Peak Height | Bkgnd Area | Bkgnd Height | Time     | Peak Stored |
|--------|-----------------|---------------|-----------------|-----------|-------------|------------|--------------|----------|-------------|
| 1      | -6.239          | -6.239        | 0.000           | 0.000     | 0.005       | 0.010      | 0.025        | 16:50:09 | No          |

=====

Element: Sn      Seq. No.: 124      AS Loc.: 4      Date: 04/09/2002

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      | 183.4           | 183.4         | 0.208           | 0.208     | 0.566       | 0.040      | 0.102        | 16:52:45 | No          |

QC value within specified limits.

=====

Element: Sn      Seq. No.: 125      AS Loc.: 5      Date: 04/09/2002

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      | -5.262          | -5.262        | 0.001          | 0.001     | 0.005       | 0.005      | 0.020        | 16:55:21 | No          |

=====

Element: Sn      Seq. No.: 126      AS Loc.: 35      Date: 04/09/2002

Sample ID: 8067

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      | -6.431          | -6.431        | -0.001         | 0.000     | 0.005       | 0.018      | 0.026        | 16:58:02 | No          |

=====

Element: Sn      Seq. No.: 127      AS Loc.: 39      Date: 04/09/2002

Sample ID: 8068

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      | -5.912          | -5.912        | 0.000          | 0.000     | 0.004       | 0.016      | 0.024        | 17:00:42 | No          |

=====

Element: Sn      Seq. No.: 128      AS Loc.: 40      Date: 04/09/2002

Sample ID: 8069

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      | -5.151          | -5.151        | 0.001          | 0.001     | 0.005       | 0.016      | 0.024        | 17:03:27 | No          |

=====

Element: Sn      Seq. No.: 129      AS Loc.: 2      Date: 04/09/2002

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      | 85.10           | 85.10         | 0.100          | 0.100     | 0.308       | 0.030      | 0.056        | 17:06:06 | No          |

QC out of limits X Current analytical sequence continued.

=====

Element: Sn      Seq. No.: 130      AS Loc.: 3      Date: 04/09/2002

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      | -5.428          | -5.428        | 0.000          | 0.001     | 0.004       | 0.014      | 0.020        | 17:08:43 | No          |

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

Date: 04/09/2002  
Technique: Furnace Calibration Equation: Calc. Intercept: Linear  
Wavelength: 286.3 nm Slit Width: 0.70 nm  
Lamp Current: 30 Energy: 58  
Sample Info File: Untitled Results Data Set:

Element: Sn Seq. No.: 130 AS Loc.: 2 Date: 04/09/2002  
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      | 106.4           | 106.4         | 0.123          | 0.124     | 0.340       | 0.032      | 0.060        | 17:12:13 | No          |

QC value within specified limits.

Element: Sn Seq. No.: 131 AS Loc.: 3 Date: 04/09/2002  
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      | -6.358          | -6.358        | -0.001         | 0.000     | 0.005       | 0.013      | 0.020        | 17:14:49 | No          |