

Sample Information File Untitled

Description : T1F POTABLE
 Batch ID :
 Volume Units :
 Weight Units :
 Analyst :
 Sample Volume : 1.000
 Nominal Weight : 1.000000

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
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1	QCS		
2	IPC		
3	CB		
4	LFB		
5	LRB		
6	23723		
7	23723DUP		
8	23797		
9	23798		
10	23799		
11	23812		Not DCP
12	23833		
13	23834		
14	23835		
15	23836		
16	23837		
17	23838		
18	23839		
19	23842		
20	23843		
21	23844		
22	23900		
23	23901		
24	23902		
25	23903		
26	23904		
27	23904DUP		
28	23905		
29	23906		
30	23909		Not DCP
31	23910		
32	23913		
33	23914		
34	23915		
35	23947		

Batches 14688-90

DATE ANALYZED 10/3/01

TIME ANALYZED 8:24 AM

ANALYST INITIALS LD

REVIEWED BY AB

rerun of 10/2/01?

QC Reviewed by,
 AB 11/6/01

Method Name: TlHGAlow Element: Tl
Method Description: Tlhga EPA 200.9

Date: 10/03/2001
Technique: Furnace Calibration Equation: Calc. Intercept: Linear
Wavelength: 276.8 nm Slit Width: 0.70 nm
Lamp Current: 6 Energy: 51
Sample Info File: Untitled Results Data Set:

Element: Tl AS Loc.: 36 Date: 10/03/2001
Sample ID: Calib Blank
µL dispensed: 10 from 36, 5 from 37, 20 from 36
µL dispensed: 10 from 36, 5 from 37, 20 from 36

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1		-0.005	-0.005	0.027	08:24:21	No

Auto-zero performed.

Element: Tl AS Loc.: 38 Date: 10/03/2001
Sample ID: S2
µL dispensed: 26 from 36, 5 from 37, 4 from 38
µL dispensed: 26 from 36, 5 from 37, 4 from 38

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1		0.009	0.004	0.099	08:28:35	No

Standard number 1 applied. [2]
Correlation Coefficient: 1.0000 Slope: 0.0045

Element: Tl AS Loc.: 38 Date: 10/03/2001
Sample ID: S4
µL dispensed: 22 from 36, 5 from 37, 8 from 38
µL dispensed: 22 from 36, 5 from 37, 8 from 38

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1		0.033	0.028	0.026	08:32:56	No

Standard number 2 applied. [4]
Correlation Coefficient: 0.9670 Slope: 0.0082

Element: Tl AS Loc.: 38 Date: 10/03/2001
Sample ID: S6
µL dispensed: 18 from 36, 5 from 37, 12 from 38
µL dispensed: 18 from 36, 5 from 37, 12 from 38

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1		0.043	0.039	0.033	08:37:16	No

Standard number 3 applied. [6]
Correlation Coefficient: 0.9833 Slope: 0.0077

=====

Element: Tl AS Loc.: 38 Date: 10/03/2001
 Sample ID: S8
 µL dispensed: 14 from 36, 5 from 37, 16 from 38
 µL dispensed: 14 from 36, 5 from 37, 16 from 38

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1		0.037	0.032	0.110	08:41:37	No

No calibration because standard abs. and conc. values are not in the same order.
 Standard number 4 not applied. [-----]

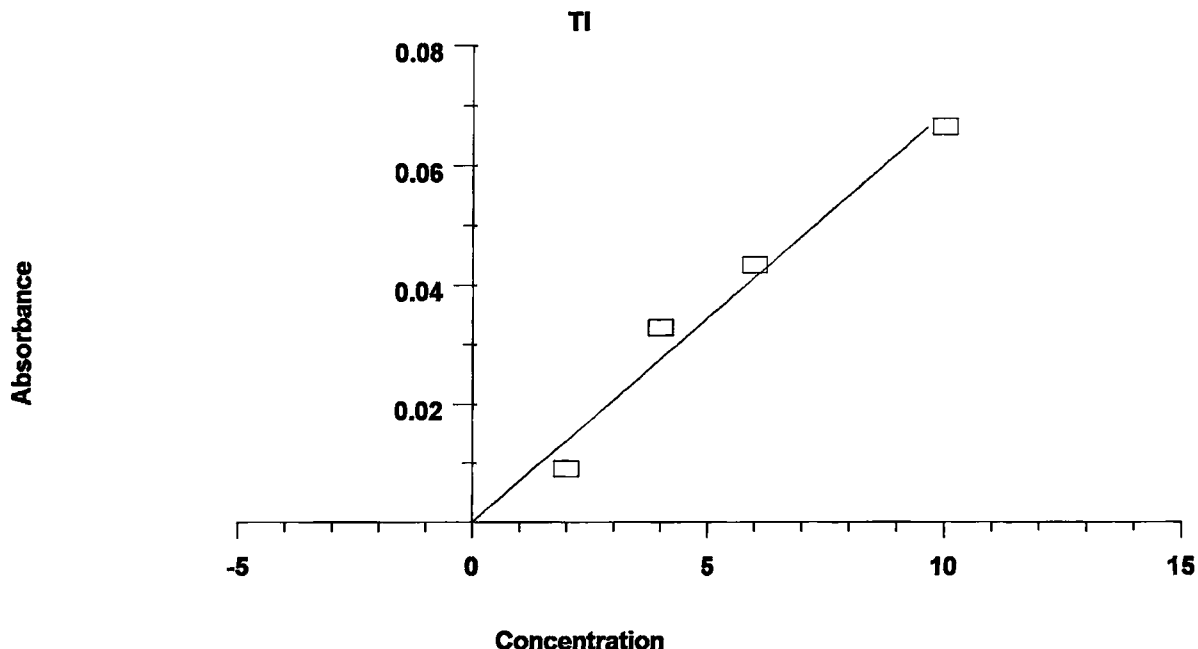
=====

Element: Tl AS Loc.: 38 Date: 10/03/2001
 Sample ID: S10
 µL dispensed: 10 from 36, 5 from 37, 20 from 38
 µL dispensed: 10 from 36, 5 from 37, 20 from 38

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1		0.066	0.062	0.061	08:45:56	No

The calibration curve may not be linear.
 Standard number 5 applied. [10]
 Correlation Coefficient: 0.9894

slope: 0.0069



Calibration data for Tl

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	-0.005	----	----
S2	0.009	2	1.290	----	----
S4	0.033	4	4.759	----	----
S6	0.043	6	6.294	----	----
S10	0.066	10	9.662	----	----
Correlation Coefficient: 0.98936		Slope: 0.00688	Intercept: 0.000		

The calibration curve has been edited.

=====
 Element: T1 AS Loc.: 38 Date: 10/03/2001
 Sample ID: S2
 µL dispensed: 26 from 36, 5 from 37, 4 from 38
 µL dispensed: 26 from 36, 5 from 37, 4 from 38
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1		0.017	0.013	0.031	09:05:22	No

Standard number 1 applied. [2]
 Correlation Coefficient: 0.9944 X Slope: 0.0065
 =====

=====
 Element: T1 AS Loc.: 38 Date: 10/03/2001
 Sample ID: S8
 µL dispensed: 14 from 36, 5 from 37, 16 from 38
 µL dispensed: 14 from 36, 5 from 37, 16 from 38
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1		0.061	0.056	0.044	09:09:41	No

Standard number 4 applied. [8]
 Correlation Coefficient: 0.9924 X Slope: 0.0068
 The calibration curve has been edited.
 =====

=====
 Element: T1 AS Loc.: 38 Date: 10/03/2001
 Sample ID: S8
 µL dispensed: 14 from 36, 5 from 37, 16 from 38
 µL dispensed: 14 from 36, 5 from 37, 16 from 38
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1		0.054	0.050	0.044	09:14:30	No

Standard number 4 applied. [8]
 Correlation Coefficient: 0.9951 X Slope: 0.0065
 The calibration curve has been edited.
 =====

=====
 Element: T1 AS Loc.: 1 Date: 10/03/2001
 Sample ID: QCS
 µL dispensed: 10 from 36, 5 from 37, 20 from 1
 µL dispensed: 10 from 36, 5 from 37, 20 from 1
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	4.899	0.034	0.030	0.027	09:20:19	No

QC value within specified limits.
 =====

=====
 Element: T1 AS Loc.: 2 Date: 10/03/2001
 Sample ID: IPC
 µL dispensed: 10 from 36, 5 from 37, 20 from 2
 µL dispensed: 10 from 36, 5 from 37, 20 from 2
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	2.573	0.019	0.015	0.019	09:24:30	No

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

*bad in section
 Tip alignment
 will be checked!*

=====
 Element: Tl AS Loc.: 2 Date: 10/03/2001
 Sample ID: IPC
 µL dispensed: 10 from 36, 5 from 37, 20 from 2
 µL dispensed: 10 from 36, 5 from 37, 20 from 2
 =====

Repl	SampleConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	Signal	Area	Area		Stored
1	4.955	0.035	0.030	0.025	09:28:42	No

QC value within specified limits.

=====
 Element: Tl AS Loc.: 3 Date: 10/03/2001
 Sample ID: CB
 µL dispensed: 10 from 36, 5 from 37, 20 from 3
 µL dispensed: 10 from 36, 5 from 37, 20 from 3
 =====

Repl	SampleConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	Signal	Area	Area		Stored
1	0.171	0.003	-0.001	-0.002	09:32:53	No

=====
 Element: Tl AS Loc.: 4 Date: 10/03/2001
 Sample ID: LFB
 µL dispensed: 10 from 36, 5 from 37, 20 from 4
 µL dispensed: 10 from 36, 5 from 37, 20 from 4
 =====

Repl	SampleConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	Signal	Area	Area		Stored
1	8.164	0.056	0.051	0.066	09:37:02	No

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

Method Name: TlHGAlow Element: Tl
Method Description: Tlhga EPA 200.9

Date: 10/03/2001
Technique: Furnace Calibration Equation: Calc. Intercept: Linear
Wavelength: 276.8 nm Slit Width: 0.70 nm
Lamp Current: 6 Energy: 51
Sample Info File: Untitled Results Data Set:

Element: Tl AS Loc.: 4 Date: 10/03/2001
Sample ID: LFB
µL dispensed: 10 from 36, 5 from 37, 20 from 4
µL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	10.56	0.071	0.067	0.029	09:45:35	No

QC value within specified limits.

Element: Tl AS Loc.: 5 Date: 10/03/2001
Sample ID: LRB
µL dispensed: 10 from 36, 5 from 37, 20 from 5
µL dispensed: 10 from 36, 5 from 37, 20 from 5

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.252	0.001	-0.004	-0.001	09:49:43	No

Element: Tl AS Loc.: 6 Date: 10/03/2001
Sample ID: 23723
µL dispensed: 10 from 36, 5 from 37, 20 from 6
µL dispensed: 10 from 36, 5 from 37, 20 from 6

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.469	0.005	0.001	0.024	09:53:55	No

Element: Tl AS Loc.: 6 Date: 10/03/2001
Sample ID: 23723
µL dispensed: 5 from 37, 10 from 38, 20 from 6
µL dispensed: 5 from 37, 10 from 38, 20 from 6

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	5.237	0.037	0.032	0.043	09:58:04	No

Recovery is 95.4%

Element: Tl AS Loc.: 7 Date: 10/03/2001
Sample ID: 23723DUP
µL dispensed: 10 from 36, 5 from 37, 20 from 7
µL dispensed: 10 from 36, 5 from 37, 20 from 7

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.320	0.000	-0.004	0.039	10:02:17	No

=====
Element: Tl AS Loc.: 8 Date: 10/03/2001
Sample ID: 23797
µL dispensed: 10 from 36, 5 from 37, 20 from 8
µL dispensed: 10 from 36, 5 from 37, 20 from 8
=====

Repl	SampleConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	Signal	Area	Area		Stored
1	0.218	0.004	-0.001	0.012	10:06:36	No

=====

=====
Element: Tl AS Loc.: 9 Date: 10/03/2001
Sample ID: 23798
µL dispensed: 10 from 36, 5 from 37, 20 from 9
µL dispensed: 10 from 36, 5 from 37, 20 from 9
=====

Repl	SampleConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	Signal	Area	Area		Stored
1	1.068	0.009	0.005	0.192	10:10:56	No

=====

=====
Element: Tl AS Loc.: 10 Date: 10/03/2001
Sample ID: 23799
µL dispensed: 10 from 36, 5 from 37, 20 from 10
µL dispensed: 10 from 36, 5 from 37, 20 from 10
=====

Repl	SampleConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	Signal	Area	Area		Stored
1	0.018	0.002	-0.002	0.014	10:15:21	No

=====

=====
Element: Tl AS Loc.: 11 Date: 10/03/2001
Sample ID: 23812
µL dispensed: 10 from 36, 5 from 37, 20 from 11
µL dispensed: 10 from 36, 5 from 37, 20 from 11
=====

Repl	SampleConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	Signal	Area	Area		Stored
1	0.105	0.002	-0.003	0.190	10:19:48	No

=====

=====
Element: Tl AS Loc.: 12 Date: 10/03/2001
Sample ID: 23833
µL dispensed: 10 from 36, 5 from 37, 20 from 12
µL dispensed: 10 from 36, 5 from 37, 20 from 12
=====

Repl	SampleConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	Signal	Area	Area		Stored
1	0.007	0.002	-0.002	0.021	10:24:14	No

=====

=====
Element: Tl AS Loc.: 13 Date: 10/03/2001
Sample ID: 23834
µL dispensed: 10 from 36, 5 from 37, 20 from 13
µL dispensed: 10 from 36, 5 from 37, 20 from 13
=====

Repl	SampleConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	Signal	Area	Area		Stored
1	0.314	0.004	0.000	0.020	10:28:40	No

=====

```
=====
Element: Tl      AS Loc.: 14   Date: 10/03/2001
Sample ID: 23835
uL dispensed: 10 from 36, 5 from 37, 20 from 14
uL dispensed: 10 from 36, 5 from 37, 20 from 14
=====
```

Repl #	Sample Conc µg/L	Blnk Corr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.243	0.004	-0.001	0.025	10:33:06	No

```
=====
Element: Tl      AS Loc.: 2    Date: 10/03/2001
Sample ID: IPC
uL dispensed: 10 from 36, 5 from 37, 20 from 2
uL dispensed: 10 from 36, 5 from 37, 20 from 2
=====
```

Repl #	Sample Conc µg/L	Blnk Corr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	4.419	0.031	0.027	0.043	10:37:19	No

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

```
=====
Element: Tl      AS Loc.: 2    Date: 10/03/2001
Sample ID: IPC
uL dispensed: 10 from 36, 5 from 37, 20 from 2
uL dispensed: 10 from 36, 5 from 37, 20 from 2
=====
```

Repl #	Sample Conc µg/L	Blnk Corr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	4.009	0.029	0.024	0.039	10:41:27	No

QC out of limits. Current analytical sequence continued.

```

=====
Method Name: TlHGAlow      Element: Tl
Method Description: Tlhga EPA 200.9
    
```

```

Date: 10/03/2001
Technique: Furnace          Calibration Equation: Calc. Intercept: Linear
Wavelength: 276.8 nm       Slit Width: 0.70 nm
Lamp Current: 6            Energy: 51
Sample Info File: Untitled  Results Data Set:
    
```

```

=====
Element: Tl      AS Loc.: 2    Date: 10/03/2001
Sample ID: IPC
µL dispensed: 10 from 36, 5 from 37, 20 from 2
µL dispensed: 10 from 36, 5 from 37, 20 from 2
    
```

Repl #	Sample Conc µg/L	Blnk Corr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	3.941	0.028	0.024	0.069	10:47:12	No

=====
Element: Tl AS Loc.: 2 Date: 10/03/2001
Sample ID: IPC
µL dispensed: 10 from 36, 5 from 37, 20 from 2
µL dispensed: 10 from 36, 5 from 37, 20 from 2
=====

Repl #	Sample Conc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	4.920	0.034	0.030	0.035	10:53:54	No

QC value within specified limits.

=====
Element: Tl AS Loc.: 3 Date: 10/03/2001
Sample ID: CB
µL dispensed: 10 from 36, 5 from 37, 20 from 3
µL dispensed: 10 from 36, 5 from 37, 20 from 3
=====

Repl #	Sample Conc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.211	0.001	-0.004	0.003	10:58:05	No

=====
Element: Tl AS Loc.: 6 Date: 10/03/2001
Sample ID: 23723
µL dispensed: 10 from 36, 5 from 37, 20 from 6
µL dispensed: 10 from 36, 5 from 37, 20 from 6
=====

Repl #	Sample Conc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.158	0.003	-0.001	0.026	11:02:18	No

=====
Element: Tl AS Loc.: 6 Date: 10/03/2001
Sample ID: 23723
µL dispensed: 5 from 37, 10 from 38, 20 from 6
µL dispensed: 5 from 37, 10 from 38, 20 from 6
=====

Repl #	Sample Conc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	3.212	0.023	0.019	0.055	11:06:26	No

Recovery is 61.1% (outside of specified limits)

=====

Method Name: TlHGAlow Element: Tl
 Method Description: Tlhga EPA 200.9

Date: 10/03/2001
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 276.8 nm Slit Width: 0.70 nm
 Lamp Current: 6 Energy: 51
 Sample Info File: Untitled Results Data Set:

=====

Element: Tl AS Loc.: 15 Date: 10/03/2001
Sample ID: 23836
µL dispensed: 10 from 36, 5 from 37, 20 from 15
µL dispensed: 10 from 36, 5 from 37, 20 from 15

=====

Repl #	SampleConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.347	0.005	0.000	0.000	11:13:42	No

=====

Element: Tl AS Loc.: 16 Date: 10/03/2001
Sample ID: 23837
µL dispensed: 10 from 36, 5 from 37, 20 from 16
µL dispensed: 10 from 36, 5 from 37, 20 from 16

=====

Repl #	SampleConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.649	-0.002	-0.007	0.046	11:18:03	No

=====

Element: Tl AS Loc.: 16 Date: 10/03/2001
Sample ID: 23837
µL dispensed: 5 from 37, 10 from 38, 20 from 16
µL dispensed: 5 from 37, 10 from 38, 20 from 16

=====

Repl #	SampleConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	4.249	0.030	0.026	0.064	11:22:27	No

Recovery is 85.0% (outside of specified limits)

*Stopped
Reviewing*

=====
 Element: Tl AS Loc.: 17 Date: 10/03/2001
 Sample ID: 23838
 µL dispensed: 10 from 36, 5 from 37, 20 from 17
 µL dispensed: 10 from 36, 5 from 37, 20 from 17
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.408	0.005	0.000	0.039	11:29:52	No

=====
 Element: Tl AS Loc.: 18 Date: 10/03/2001
 Sample ID: 23839
 µL dispensed: 10 from 36, 5 from 37, 20 from 18
 µL dispensed: 10 from 36, 5 from 37, 20 from 18
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.103	0.003	-0.002	0.025	11:34:09	No

=====
 Element: Tl AS Loc.: 19 Date: 10/03/2001
 Sample ID: 23842
 µL dispensed: 10 from 36, 5 from 37, 20 from 19
 µL dispensed: 10 from 36, 5 from 37, 20 from 19
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.025	0.002	-0.002	0.148	11:38:23	No

=====
 Element: Tl AS Loc.: 20 Date: 10/03/2001
 Sample ID: 23843
 µL dispensed: 10 from 36, 5 from 37, 20 from 20
 µL dispensed: 10 from 36, 5 from 37, 20 from 20
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.698	-0.002	-0.007	0.019	11:42:37	No

=====
 Element: Tl AS Loc.: 21 Date: 10/03/2001
 Sample ID: 23844
 µL dispensed: 10 from 36, 5 from 37, 20 from 21
 µL dispensed: 10 from 36, 5 from 37, 20 from 21
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.134	0.003	-0.001	0.020	11:46:49	No

=====
 Element: Tl AS Loc.: 2 Date: 10/03/2001
 Sample ID: IPC
 µL dispensed: 10 from 36, 5 from 37, 20 from 2
 µL dispensed: 10 from 36, 5 from 37, 20 from 2
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	5.099	0.036	0.031	0.036	11:50:58	No

QC value within specified limits.

=====
 Element: Tl AS Loc.: 3 Date: 10/03/2001
 Sample ID: CB
 µL dispensed: 10 from 36, 5 from 37, 20 from 3
 µL dispensed: 10 from 36, 5 from 37, 20 from 3
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	1.167	0.010	0.005	0.005	11:55:08	No

=====
 Element: Tl AS Loc.: 22 Date: 10/03/2001
 Sample ID: 23900
 µL dispensed: 10 from 36, 5 from 37, 20 from 22
 µL dispensed: 10 from 36, 5 from 37, 20 from 22
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.061	0.002	-0.003	0.024	11:59:18	No

=====
 Element: Tl AS Loc.: 23 Date: 10/03/2001
 Sample ID: 23901
 µL dispensed: 10 from 36, 5 from 37, 20 from 23
 µL dispensed: 10 from 36, 5 from 37, 20 from 23
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.004	0.002	-0.002	0.037	12:03:28	No

=====
 Element: Tl AS Loc.: 24 Date: 10/03/2001
 Sample ID: 23902
 µL dispensed: 10 from 36, 5 from 37, 20 from 24
 µL dispensed: 10 from 36, 5 from 37, 20 from 24
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	1.116	0.010	0.005	0.029	12:07:40	No

=====
 Element: Tl AS Loc.: 25 Date: 10/03/2001
 Sample ID: 23903
 µL dispensed: 10 from 36, 5 from 37, 20 from 25
 µL dispensed: 10 from 36, 5 from 37, 20 from 25
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.728	0.007	0.002	0.035	12:11:54	No

=====
 Element: Tl AS Loc.: 26 Date: 10/03/2001
 Sample ID: 23904
 µL dispensed: 10 from 36, 5 from 37, 20 from 26
 µL dispensed: 10 from 36, 5 from 37, 20 from 26
 =====

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-1.771	-0.009	-0.014	0.018	12:16:13	No

```

=====
Element: Tl      AS Loc.: 26   Date: 10/03/2001
Sample ID: 23904
µL dispensed: 5 from 37, 10 from 38, 20 from 26
µL dispensed: 5 from 37, 10 from 38, 20 from 26
=====

```

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	6.050	0.042	0.037	0.044	12:20:22	No

Recovery is 121.0%

```

=====
Element: Tl      AS Loc.: 27   Date: 10/03/2001
Sample ID: 23904DUP
µL dispensed: 10 from 36, 5 from 37, 20 from 27
µL dispensed: 10 from 36, 5 from 37, 20 from 27
=====

```

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.007	0.002	-0.002	0.024	12:24:46	No

```

=====
Element: Tl      AS Loc.: 28   Date: 10/03/2001
Sample ID: 23905
µL dispensed: 10 from 36, 5 from 37, 20 from 28
µL dispensed: 10 from 36, 5 from 37, 20 from 28
=====

```

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.460	0.005	0.001	0.024	12:29:09	No

```

=====
Element: Tl      AS Loc.: 29   Date: 10/03/2001
Sample ID: 23906
µL dispensed: 10 from 36, 5 from 37, 20 from 29
µL dispensed: 10 from 36, 5 from 37, 20 from 29
=====

```

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.424	0.005	0.001	0.024	12:33:35	No

```

=====
Element: Tl      AS Loc.: 30   Date: 10/03/2001
Sample ID: 23909
µL dispensed: 10 from 36, 5 from 37, 20 from 30
µL dispensed: 10 from 36, 5 from 37, 20 from 30
=====

```

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.471	-0.001	-0.005	0.020	12:38:00	No

```

=====
Element: Tl      AS Loc.: 2     Date: 10/03/2001
Sample ID: IPC
µL dispensed: 10 from 36, 5 from 37, 20 from 2
µL dispensed: 10 from 36, 5 from 37, 20 from 2
=====

```

Repl #	SampleConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	4.586	0.032	0.028	0.042	12:42:15	No

QC value within specified limits.

```

=====
Element: Tl      AS Loc.: 3   Date: 10/03/2001
Sample ID: CB
µL dispensed: 10 from 36, 5 from 37, 20 from 3
µL dispensed: 10 from 36, 5 from 37, 20 from 3
=====

```

Repl #	SampleConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.318	0.004	0.000	-0.002	12:46:27	No

```

=====
Element: Tl      AS Loc.: 31  Date: 10/03/2001
Sample ID: 23910
µL dispensed: 10 from 36, 5 from 37, 20 from 31
µL dispensed: 10 from 36, 5 from 37, 20 from 31
=====

```

Repl #	SampleConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.050	0.002	-0.003	0.024	12:50:49	No

```

=====
Element: Tl      AS Loc.: 32  Date: 10/03/2001
Sample ID: 23913
µL dispensed: 10 from 36, 5 from 37, 20 from 32
µL dispensed: 10 from 36, 5 from 37, 20 from 32
=====

```

Repl #	SampleConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.595	0.006	0.002	0.011	12:55:11	No

```

=====
Element: Tl      AS Loc.: 33  Date: 10/03/2001
Sample ID: 23914
µL dispensed: 10 from 36, 5 from 37, 20 from 33
µL dispensed: 10 from 36, 5 from 37, 20 from 33
=====

```

Repl #	SampleConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.113	0.003	-0.002	0.014	12:59:29	No

```

=====
Element: Tl      AS Loc.: 34  Date: 10/03/2001
Sample ID: 23915
µL dispensed: 10 from 36, 5 from 37, 20 from 34
µL dispensed: 10 from 36, 5 from 37, 20 from 34
=====

```

Repl #	SampleConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.387	0.005	0.000	0.221	13:03:45	No

```

=====
Element: Tl      AS Loc.: 35  Date: 10/03/2001
Sample ID: 23947
µL dispensed: 10 from 36, 5 from 37, 20 from 35
µL dispensed: 10 from 36, 5 from 37, 20 from 35
=====

```

Repl #	SampleConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.283	0.000	-0.004	0.027	13:07:58	No

```
=====
Element: Tl      AS Loc.: 2    Date: 10/03/2001
Sample ID: IPC
µL dispensed: 10 from 36, 5 from 37, 20 from 2
µL dispensed: 10 from 36, 5 from 37, 20 from 2
=====
```

Repl	SampleConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	Signal	Area	Area		Stored
1	6.143	0.042	0.038	0.033	13:12:07	No

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

```
=====
Element: Tl      AS Loc.: 2    Date: 10/03/2001
Sample ID: IPC
µL dispensed: 10 from 36, 5 from 37, 20 from 2
µL dispensed: 10 from 36, 5 from 37, 20 from 2
=====
```

Repl	SampleConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	Signal	Area	Area		Stored
1	5.824	0.040	0.036	0.030	13:16:19	No

QC out of limits. Current analytical sequence continued.

```
=====
Element: Tl      AS Loc.: 3    Date: 10/03/2001
Sample ID: CB
µL dispensed: 10 from 36, 5 from 37, 20 from 3
µL dispensed: 10 from 36, 5 from 37, 20 from 3
=====
```

Repl	SampleConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	Signal	Area	Area		Stored
1	-0.312	0.000	-0.004	-0.001	13:20:29	No

Method Name: TlHGAlow Element: Tl
Method Description: Tlhga EPA 200.9

Date: 10/03/2001
Technique: Furnace Calibration Equation: Calc. Intercept: Linear
Wavelength: 276.8 nm Slit Width: 0.70 nm
Lamp Current: 6 Energy: 51
Sample Info File: Untitled Results Data Set:

Element: Tl AS Loc.: 2 Date: 10/03/2001
Sample ID: IPC
µL dispensed: 10 from 36, 5 from 37, 20 from 2
µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	5.016	0.035	0.031	0.036	13:36:54	No

QC value within specified limits.

Element: Tl AS Loc.: 3 Date: 10/03/2001
Sample ID: CB
µL dispensed: 10 from 36, 5 from 37, 20 from 3
µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.450	0.005	0.001	0.002	13:41:05	No