

Sample Information File Untitled

Description : As Pot 10/23/01
 Batch ID :
 Volume Units :
 Weight Units :
 Analyst :
 Sample Volume : 1.000
 Nominal Weight : 1.000000

DATE ANALYZED 10/27/01
 TIME ANALYZED 9:30
 ANALYST INITIALS Na
 REVIEWED BY AB

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
---------------------	-------------------------------	------------------	---------

1 QCS

2 IPC

3 CB

4 LFB

5 LRB

6 24872 - 98 ✓

7 24872dup

8 24873

9 24874

10 24875

11 24876

12 24877

13 24878

14 24944

15 24945

16 24946 - 91 ✓

17 24947

18 24948

19 24949

20 24950

21 24963

22 24965

23 25037

24 25038

25 25039

26 25040 - 91 ✓

27 25040dup

28 25041

29 25042

30 25043

31 25044

32 25045

33 25072

34 25073

35 25105

39 25113

40 25114

Sample Information File Untitled

Description : As Pot 10/23/01
Batch ID :
Volume Units :
Weight Units :
Analyst :
Sample Volume : 1.000
Nominal Weight : 1.000000

Part 2

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
---------------------	-------------------------------	------------------	---------

1 QCS

2 IPC

3 CB

4 LFB

5 LRB

6 25129

7 25129dup

8 25131

9 25169

10 25170

11 25171

12 25172

13 25259

14 25260

15 25261

16 25262

17 25263

18 25264

19 25265

20 25344

21 25390

22 25396

23 25430

24 25457

25 25458

26 25459

27 25459dup

28 25460

29 25461

30 25461

31 25463

32 25525

33 25527

34 25599

35 25600

39 25601

40 25602

NOT
DEPNOT
DEPNOT
DEPNOT
DEP

Sample Information File Untitled

Description : As Pot 10/23/01
Batch ID :
Volume Units :
Weight Units : *Part 3*
Analyst :
Sample Volume : 1.000
Nominal Weight : 1.000000

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
---------------------	-------------------------------	------------------	---------

1 QCS

2 IPC

3 CB

4 LFB

5 LRB

6 25603- *np*

7 25603dup

8 25604

9 25605

10 25626

11 25627

12 25732

13 25733

14 25734

15 25735

16 25736- *sp*

17 25737

18 25738

19 25777- *not dup*

20 25830

21 25831

22 25839

23 25840

24 25841

25 25842

26 25843- *sp*

27 25844

28 25845

```

=====
Method Name: AsHGA                      Element: As
Method Description: AsHga SM 3113 B
Date: 10/23/2001
Technique: Furnace                      Calibration Equation: Calc. Intercept: Linear
Wavelength: 193.7 nm                   Slit Width: 0.70 nm
Lamp Current: 0                        Energy: 62
Sample Info File: Untitled              Results Data Set:
=====

```

```

=====
Element: As    AS Loc.: 36    Date: 10/23/2001
Sample ID: Calib Blank
µL dispensed: 10 from 36, 5 from 37, 20 from 36
=====

```

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.001	0.001	0.042	09:43:49	No

Auto-zero performed. ✓

```

=====
Element: As    AS Loc.: 38    Date: 10/23/2001
Sample ID: S10
µL dispensed: 25 from 36, 5 from 37, 5 from 38
=====

```

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.058	0.059	0.034	09:46:27	No

Standard number 1 applied. [10]
Correlation Coefficient: 1.0000 ✓ Slope: 0.0058

```

=====
Element: As    AS Loc.: 38    Date: 10/23/2001
Sample ID: S20
µL dispensed: 20 from 36, 5 from 37, 10 from 38
=====

```

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.112	0.113	0.036	09:49:09	No

Standard number 2 applied. [20]
Correlation Coefficient: 0.9997 ✓ Slope: 0.0056

```

=====
Element: As    AS Loc.: 38    Date: 10/23/2001
Sample ID: S30
µL dispensed: 15 from 36, 5 from 37, 15 from 38
=====

```

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.159	0.160	0.038	09:51:51	No

Standard number 3 applied. [30]
Correlation Coefficient: 0.9989 ✓ Slope: 0.0053

=====

Element: As AS Loc.: 38 Date: 10/23/2001

Sample ID: S40

µL dispensed: 10 from 36, 5 from 37, 20 from 38

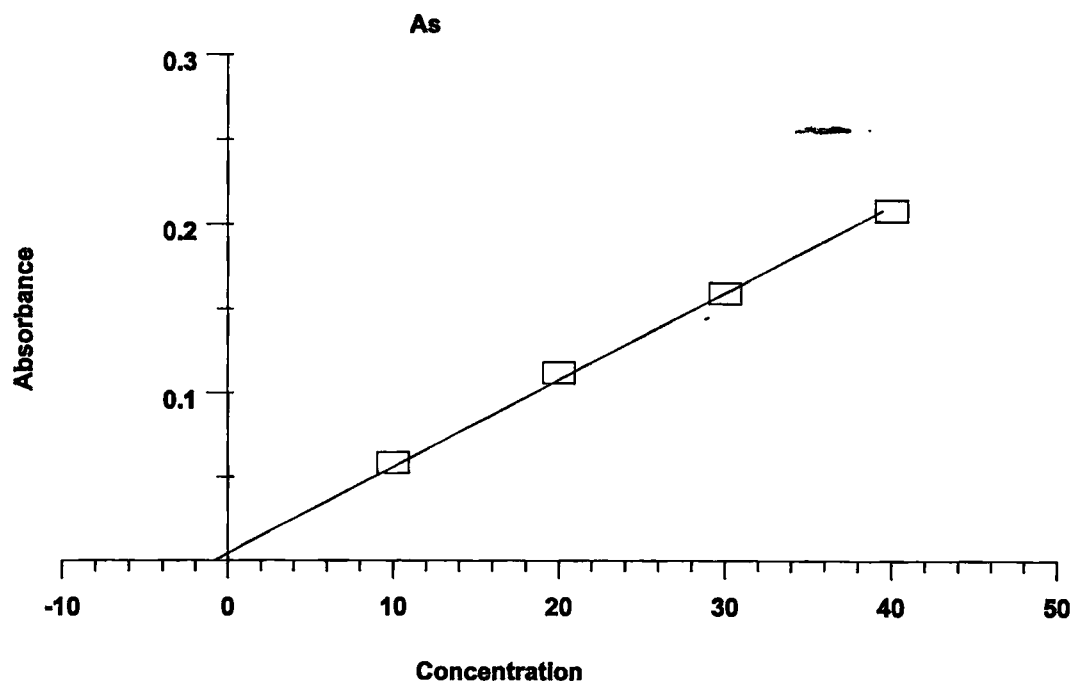
Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.208	0.209	0.041	09:54:34	No

The calibration curve may not be linear.

Standard number 4 applied. [40] ✓

Correlation Coefficient: 0.9991

Slope: 0.0052



Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	-0.795	----	----
S10	0.058	10	10.50	----	----
S20	0.112	20	20.84	----	----
S30	0.159	30	29.99	----	----
S40	0.208	40	39.46	----	----

Correlation Coefficient: 0.99906 ✓ Slope: 0.00518 Intercept: 0.004

=====
 Element: As AS Loc.: 1 Date: 10/23/2001

Sample ID: qcs

μL dispensed: 10 from 36, 5 from 37, 20 from 1

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	8.702	8.702	0.049	0.050	0.034	10:22:42	No

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

=====
 Element: As AS Loc.: 1 Date: 10/23/2001

Sample ID: qcs

μL dispensed: 10 from 36, 5 from 37, 20 from 1

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	9.054	9.054	0.051	0.052	0.030	10:25:20	No

 QC value within specified limits.
 =====

=====
 Element: As AS Loc.: 2 Date: 10/23/2001

Sample ID: ipc

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.52	18.52	0.100	0.101	0.028	10:27:56	No

 QC value within specified limits.
 =====

=====
 Element: As AS Loc.: 3 Date: 10/23/2001

Sample ID: cb

μL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.304	-0.304	0.003	0.003	0.019	10:30:33	No

 =====

=====
 Element: As AS Loc.: 4 Date: 10/23/2001

Sample ID: lfb

μL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	37.77	37.77	0.200	0.201	0.037	10:33:10	No

 QC value within specified limits.
 =====

=====
 Element: As AS Loc.: 5 Date: 10/23/2001

Sample ID: lrb

μL dispensed: 10 from 36, 5 from 37, 20 from 5

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.514	-0.514	0.001	0.002	0.019	10:35:49	No

 =====

=====
Element: As AS Loc.: 6 Date: 10/23/2001

Sample ID: 24872

 μ L dispensed: 10 from 36, 5 from 37, 20 from 6

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.353	-0.353	0.002	0.003	0.022	10:38:27	No

=====

Element: As AS Loc.: 6 Date: 10/23/2001

Sample ID: 24872

 μ L dispensed: 5 from 37, 10 from 38, 20 from 6

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.30	18.30	0.099	0.100	0.027	10:41:05	No

-----Recovery is 91.5%

Element: As AS Loc.: 7 Date: 10/23/2001

Sample ID: 24872dup

 μ L dispensed: 10 from 36, 5 from 37, 20 from 7

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.202	-0.202	0.003	0.004	0.020	10:43:45	No

=====

Element: As AS Loc.: 8 Date: 10/23/2001

Sample ID: 24873

 μ L dispensed: 10 from 36, 5 from 37, 20 from 8

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.010	-0.010	0.004	0.005	0.019	10:46:27	No

=====

Element: As AS Loc.: 9 Date: 10/23/2001

Sample ID: 24874

 μ L dispensed: 10 from 36, 5 from 37, 20 from 9

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.137	0.137	0.005	0.006	0.020	10:49:10	No

=====

Element: As AS Loc.: 10 Date: 10/23/2001

Sample ID: 24875

 μ L dispensed: 10 from 36, 5 from 37, 20 from 10

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.126	-0.126	0.003	0.004	0.019	10:51:53	No

=====

=====
 Element: As AS Loc.: 11 Date: 10/23/2001

Sample ID: 24876

μL dispensed: 10 from 36, 5 from 37, 20 from 11

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.518	-0.518	0.001	0.002	0.021	10:54:38	No

=====
 Element: As AS Loc.: 12 Date: 10/23/2001

Sample ID: 24877

μL dispensed: 10 from 36, 5 from 37, 20 from 12

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.159	-0.159	0.003	0.004	0.019	10:57:24	No

=====
 Element: As AS Loc.: 13 Date: 10/23/2001

Sample ID: 24878

μL dispensed: 10 from 36, 5 from 37, 20 from 13

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.672	-0.672	0.001	0.002	0.021	11:00:09	No

=====
 Element: As AS Loc.: 14 Date: 10/23/2001

Sample ID: 24944

μL dispensed: 10 from 36, 5 from 37, 20 from 14

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.115	0.115	0.005	0.006	0.019	11:02:55	No

=====
 Element: As AS Loc.: 2 Date: 10/23/2001

Sample ID: ipc

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.61	18.61	0.100	0.101	0.025	11:05:36	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 10/23/2001

Sample ID: cb

μL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.844	-0.844	0.000	0.001	0.016	11:08:13	No

=====
 Element: As AS Loc.: 15 Date: 10/23/2001

Sample ID: 24945

μL dispensed: 10 from 36, 5 from 37, 20 from 15

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.696	-0.696	0.001	0.001	0.018	11:10:56	No

=====
 Element: As AS Loc.: 16 Date: 10/23/2001

Sample ID: 24946

μL dispensed: 10 from 36, 5 from 37, 20 from 16

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.316	-0.316	0.002	0.003	0.021	11:13:40	No

=====
 Element: As AS Loc.: 16 Date: 10/23/2001

Sample ID: 24946

μL dispensed: 5 from 37, 10 from 38, 20 from 16

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	17.76	17.76	0.096	0.097	0.024	11:16:24	No

Recovery is 88.8%

=====
 Element: As AS Loc.: 17 Date: 10/23/2001

Sample ID: 24947

μL dispensed: 10 from 36, 5 from 37, 20 from 17

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.548	-0.548	0.001	0.002	0.019	11:19:07	No

=====
 Element: As AS Loc.: 18 Date: 10/23/2001

Sample ID: 24948

μL dispensed: 10 from 36, 5 from 37, 20 from 18

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.267	-0.267	0.003	0.004	0.018	11:21:49	No

=====
 Element: As AS Loc.: 19 Date: 10/23/2001

Sample ID: 24949

μL dispensed: 10 from 36, 5 from 37, 20 from 19

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.356	-0.356	0.002	0.003	0.020	11:24:30	No

=====
 Element: As AS Loc.: 20 Date: 10/23/2001
 Sample ID: 24950
 µL dispensed: 10 from 36, 5 from 37, 20 from 20

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.334	-0.334	0.002	0.003	0.019	11:27:09	No

=====
 Element: As AS Loc.: 21 Date: 10/23/2001
 Sample ID: 24963
 µL dispensed: 10 from 36, 5 from 37, 20 from 21

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.595	-0.595	0.001	0.002	0.017	11:29:46	No

=====
 Element: As AS Loc.: 22 Date: 10/23/2001
 Sample ID: 24965
 µL dispensed: 10 from 36, 5 from 37, 20 from 22

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.318	-0.318	0.002	0.003	0.015	11:32:23	No

=====
 Element: As AS Loc.: 23 Date: 10/23/2001
 Sample ID: 25037
 µL dispensed: 10 from 36, 5 from 37, 20 from 23

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.682	-0.682	0.001	0.002	0.019	11:35:01	No

=====
 Element: As AS Loc.: 2 Date: 10/23/2001
 Sample ID: ipc
 µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.98	18.98	0.102	0.103	0.022	11:37:39	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 10/23/2001
 Sample ID: cb
 µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.745	-0.745	0.000	0.001	0.013	11:40:17	No

=====
 Element: As AS Loc.: 24 Date: 10/23/2001

Sample ID: 25038

µL dispensed: 10 from 36, 5 from 37, 20 from 24

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.915	-0.915	-0.001	0.000	0.019	11:42:55	No

=====
 Element: As AS Loc.: 25 Date: 10/23/2001

Sample ID: 25039

µL dispensed: 10 from 36, 5 from 37, 20 from 25

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.424	-0.424	0.002	0.003	0.018	11:45:35	No

=====
 Element: As AS Loc.: 26 Date: 10/23/2001

Sample ID: 25040

µL dispensed: 10 from 36, 5 from 37, 20 from 26

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.182	0.182	0.005	0.006	0.016	11:48:16	No

=====
 Element: As AS Loc.: 26 Date: 10/23/2001

Sample ID: 25040

µL dispensed: 5 from 37, 10 from 38, 20 from 26

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.36	18.36	0.099	0.100	0.022	11:50:53	No

Recovery is 90.9%

=====
 Element: As AS Loc.: 27 Date: 10/23/2001

Sample ID: 25040dup

µL dispensed: 10 from 36, 5 from 37, 20 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.329	-0.329	0.002	0.003	0.019	11:53:36	No

=====
 Element: As AS Loc.: 28 Date: 10/23/2001

Sample ID: 25041

µL dispensed: 10 from 36, 5 from 37, 20 from 28

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.059	-0.059	0.004	0.005	0.021	11:56:21	No

=====
 Element: As AS Loc.: 29 Date: 10/23/2001
 Sample ID: 25042
 µL dispensed: 10 from 36, 5 from 37, 20 from 29

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.100	0.100	0.005	0.006	0.016	11:59:07	No

=====
 Element: As AS Loc.: 30 Date: 10/23/2001
 Sample ID: 25043
 µL dispensed: 10 from 36, 5 from 37, 20 from 30

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.498	-0.498	0.002	0.002	0.017	12:01:52	No

=====
 Element: As AS Loc.: 31 Date: 10/23/2001
 Sample ID: 25044
 µL dispensed: 10 from 36, 5 from 37, 20 from 31

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.024	0.024	0.004	0.005	0.015	12:04:38	No

=====
 Element: As AS Loc.: 32 Date: 10/23/2001
 Sample ID: 25045
 µL dispensed: 10 from 36, 5 from 37, 20 from 32

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.589	-0.589	0.001	0.002	0.017	12:07:23	No

=====
 Element: As AS Loc.: 2 Date: 10/23/2001
 Sample ID: ipc
 µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.05	19.05	0.103	0.104	0.022	12:10:03	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 10/23/2001
 Sample ID: cb
 µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.862	-0.862	0.000	0.001	0.015	12:12:40	No

=====
 Element: As AS Loc.: 33 Date: 10/23/2001

Sample ID: 25072

μL dispensed: 10 from 36, 5 from 37, 20 from 33

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.180	-0.180	0.003	0.004	0.017	12:15:22	No

=====
 Element: As AS Loc.: 34 Date: 10/23/2001

Sample ID: 25073

μL dispensed: 10 from 36, 5 from 37, 20 from 34

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.772	-0.772	0.000	0.001	0.018	12:18:03	No

=====
 Element: As AS Loc.: 35 Date: 10/23/2001

Sample ID: 25105

μL dispensed: 10 from 36, 5 from 37, 20 from 35

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.667	0.667	0.008	0.008	0.022	12:20:42	No

=====
 Element: As AS Loc.: 39 Date: 10/23/2001

Sample ID: 25113

μL dispensed: 10 from 36, 5 from 37, 20 from 39

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.894	-0.894	-0.001	0.000	0.020	12:23:23	No

=====
 Element: As AS Loc.: 40 Date: 10/23/2001

Sample ID: 25114

μL dispensed: 10 from 36, 5 from 37, 20 from 40

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.589	-0.589	0.001	0.002	0.020	12:26:09	No

=====
 Element: As AS Loc.: 2 Date: 10/23/2001

Sample ID: ipc

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	20.15	20.15	0.108	0.109	0.017	12:28:48	No

QC value within specified limits.

```

=====
Element: As      AS Loc.: 3   Date: 10/23/2001
Sample ID: cb
*µL dispensed: 10 from 36, 5 from 37, 20 from 3
-----
Repl   SampleConc   StndConc   BlnkCorr   Peak      Bkgnd      Time      Peak
#      µg/L         µg/L       Signal     Area      Area              Stored
1      -0.225        -0.225     0.003      0.004     0.012  12:31:26  No

```

Method Name: AsHGA Element: As
 Method Description: AsHga SM 3113 B

Date: 10/23/2001

Technique: Furnace

Wavelength: 193.7 nm

Lamp Current: 0

Sample Info File: Untitled

Calibration Equation: Calc. Intercept: Linear

Slit Width: 0.70 nm

Energy: 62

Results Data Set:

ccv

Element: As AS Loc.: 6 Date: 10/23/2001

Sample ID: 25129

μL dispensed: 10 from 36, 5 from 37, 20 from 6

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.629	-0.629	0.001	0.002	0.028	12:43:12	No

Element: As AS Loc.: 6 Date: 10/23/2001

Sample ID: 25129

μL dispensed: 5 from 37, 10 from 38, 20 from 6

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	17.81	17.81	0.096	0.097	0.034	12:45:49	No

Recovery is 89.1%

Element: As AS Loc.: 7 Date: 10/23/2001

Sample ID: 25129dup

μL dispensed: 10 from 36, 5 from 37, 20 from 7

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.754	-0.754	0.000	0.001	0.026	12:48:29	No

Element: As AS Loc.: 8 Date: 10/23/2001

Sample ID: 25131

μL dispensed: 10 from 36, 5 from 37, 20 from 8

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-1.085	-1.085	-0.001	-0.001	0.027	12:51:11	No

Element: As AS Loc.: 9 Date: 10/23/2001

Sample ID: 25169

μL dispensed: 10 from 36, 5 from 37, 20 from 9

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-1.072	-1.072	-0.001	-0.001	0.018	12:53:54	No

=====
 Element: As AS Loc.: 10 Date: 10/23/2001
 Sample ID: 25170
 µL dispensed: 10 from 36, 5 from 37, 20 from 10
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.251	-0.251	0.003	0.004	0.026	12:56:38	No

=====
 Element: As AS Loc.: 11 Date: 10/23/2001
 Sample ID: 25171
 µL dispensed: 10 from 36, 5 from 37, 20 from 11
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.293	-0.293	0.003	0.004	0.016	12:59:24	No

=====
 Element: As AS Loc.: 12 Date: 10/23/2001
 Sample ID: 25172
 µL dispensed: 10 from 36, 5 from 37, 20 from 12
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.169	-0.169	0.003	0.004	0.015	13:02:09	No

=====
 Element: As AS Loc.: 13 Date: 10/23/2001
 Sample ID: 25259
 µL dispensed: 10 from 36, 5 from 37, 20 from 13
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.549	-0.549	0.001	0.002	0.017	13:04:55	No

=====
 Element: As AS Loc.: 14 Date: 10/23/2001
 Sample ID: 25260
 µL dispensed: 10 from 36, 5 from 37, 20 from 14
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.145	-0.145	0.003	0.004	0.012	13:07:41	No

=====
 Element: As AS Loc.: 2 Date: 10/23/2001
 Sample ID: ipc
 µL dispensed: 10 from 36, 5 from 37, 20 from 2
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.55	19.55	0.105	0.106	0.020	13:10:23	No

QC value within specified limits.

=====
Element: As AS Loc.: 3 Date: 10/23/2001

Sample ID: cb

 μ L dispensed: 10 from 36, 5 from 37, 20 from 3-----

Repl	SampleConc	StndConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.700	-0.700	0.000	0.001	0.012	13:13:00	No

=====

Element: As AS Loc.: 15 Date: 10/23/2001

Sample ID: 25261

 μ L dispensed: 10 from 36, 5 from 37, 20 from 15-----

Repl	SampleConc	StndConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.090	-0.090	0.004	0.005	0.015	13:15:43	No

=====

Element: As AS Loc.: 16 Date: 10/23/2001

Sample ID: 25262

 μ L dispensed: 10 from 36, 5 from 37, 20 from 16-----

Repl	SampleConc	StndConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-1.005	-1.005	-0.001	0.000	0.017	13:18:27	No

=====

Element: As AS Loc.: 16 Date: 10/23/2001

Sample ID: 25262

 μ L dispensed: 5 from 37, 10 from 38, 20 from 16-----

Repl	SampleConc	StndConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	17.54	17.54	0.095	0.096	0.020	13:21:12	No

Recovery is 87.7%

=====

Element: As AS Loc.: 17 Date: 10/23/2001

Sample ID: 25263

 μ L dispensed: 10 from 36, 5 from 37, 20 from 17-----

Repl	SampleConc	StndConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.270	-0.270	0.003	0.004	0.015	13:23:54	No

=====

Element: As AS Loc.: 18 Date: 10/23/2001

Sample ID: 25264

 μ L dispensed: 10 from 36, 5 from 37, 20 from 18-----

Repl	SampleConc	StndConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	0.019	0.019	0.004	0.005	0.014	13:26:35	No

=====

=====
 Element: As AS Loc.: 19 Date: 10/23/2001

Sample ID: 25265

μL dispensed: 10 from 36, 5 from 37, 20 from 19

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.066	0.066	0.004	0.005	0.013	13:29:16	No

=====
 Element: As AS Loc.: 20 Date: 10/23/2001

Sample ID: 25344

μL dispensed: 10 from 36, 5 from 37, 20 from 20

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.925	-0.925	-0.001	0.000	0.022	13:31:55	No

=====
 Element: As AS Loc.: 21 Date: 10/23/2001

Sample ID: 25390

μL dispensed: 10 from 36, 5 from 37, 20 from 21

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.343	-0.343	0.002	0.003	0.020	13:34:32	No

=====
 Element: As AS Loc.: 22 Date: 10/23/2001

Sample ID: 25396

μL dispensed: 10 from 36, 5 from 37, 20 from 22

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.029	0.029	0.004	0.005	0.022	13:37:10	No

=====
 Element: As AS Loc.: 23 Date: 10/23/2001

Sample ID: 25430

μL dispensed: 10 from 36, 5 from 37, 20 from 23

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.746	-0.746	0.000	0.001	0.016	13:39:47	No

=====
 Element: As AS Loc.: 2 Date: 10/23/2001

Sample ID: ipc

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	20.20	20.20	0.109	0.110	0.021	13:42:27	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 10/23/2001
 Sample ID: cb
 µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.579	-0.579	0.001	0.002	0.011	13:45:04	No

=====
 Element: As AS Loc.: 24 Date: 10/23/2001
 Sample ID: 25457
 µL dispensed: 10 from 36, 5 from 37, 20 from 24

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.002	-0.002	0.004	0.005	0.013	13:47:41	No

=====
 Element: As AS Loc.: 25 Date: 10/23/2001
 Sample ID: 25458
 µL dispensed: 10 from 36, 5 from 37, 20 from 25

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.178	-0.178	0.003	0.004	0.012	13:50:20	No

=====
 Element: As AS Loc.: 26 Date: 10/23/2001
 Sample ID: 25459
 µL dispensed: 10 from 36, 5 from 37, 20 from 26

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.081	0.081	0.005	0.005	0.014	13:53:02	No

=====
 Element: As AS Loc.: 26 Date: 10/23/2001
 Sample ID: 25459
 µL dispensed: 5 from 37, 10 from 38, 20 from 26

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	17.41	17.41	0.094	0.095	0.021	13:55:39	No

Recovery is 86.7%

=====
 Element: As AS Loc.: 27 Date: 10/23/2001
 Sample ID: 25459dup
 µL dispensed: 10 from 36, 5 from 37, 20 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.388	-0.388	0.002	0.003	0.014	13:58:22	No

=====
 Element: As AS Loc.: 28 Date: 10/23/2001

Sample ID: 25460

μL dispensed: 10 from 36, 5 from 37, 20 from 28

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.235	-0.235	0.003	0.004	0.015	14:01:07	No

=====
 Element: As AS Loc.: 29 Date: 10/23/2001

Sample ID: 25461

μL dispensed: 10 from 36, 5 from 37, 20 from 29

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.075	0.075	0.005	0.005	0.014	14:03:53	No

=====
 Element: As AS Loc.: 30 Date: 10/23/2001

Sample ID: 25461

μL dispensed: 10 from 36, 5 from 37, 20 from 30

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.488	-0.488	0.002	0.003	0.014	14:06:39	No

=====
 Element: As AS Loc.: 31 Date: 10/23/2001

Sample ID: 25463

μL dispensed: 10 from 36, 5 from 37, 20 from 31

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.808	-0.808	0.000	0.001	0.014	14:09:24	No

=====
 Element: As AS Loc.: 32 Date: 10/23/2001

Sample ID: 25525

μL dispensed: 10 from 36, 5 from 37, 20 from 32

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.695	-0.695	0.001	0.001	0.022	14:12:09	No

=====
 Element: As AS Loc.: 2 Date: 10/23/2001

Sample ID: ipc

μL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	20.01	20.01	0.108	0.109	0.023	14:14:49	No

QC value within specified limits.

=====
Element: As AS Loc.: 3 Date: 10/23/2001
Sample ID: cb
µL dispensed: 10 from 36, 5 from 37, 20 from 3
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.676	-0.676	0.001	0.002	0.013	14:17:26	No

=====
Element: As AS Loc.: 33 Date: 10/23/2001
Sample ID: 25527
µL dispensed: 10 from 36, 5 from 37, 20 from 33
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.648	-0.648	0.001	0.002	0.021	14:20:09	No

=====
Element: As AS Loc.: 34 Date: 10/23/2001
Sample ID: 25599
µL dispensed: 10 from 36, 5 from 37, 20 from 34
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.110	-0.110	0.004	0.004	0.013	14:22:50	No

=====
Element: As AS Loc.: 35 Date: 10/23/2001
Sample ID: 25600
µL dispensed: 10 from 36, 5 from 37, 20 from 35
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.162	-0.162	0.003	0.004	0.013	14:25:30	No

=====
Element: As AS Loc.: 39 Date: 10/23/2001
Sample ID: 25601
µL dispensed: 10 from 36, 5 from 37, 20 from 39
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.794	-0.794	0.000	0.001	0.017	14:28:11	No

=====
Element: As AS Loc.: 40 Date: 10/23/2001
Sample ID: 25602
µL dispensed: 10 from 36, 5 from 37, 20 from 40
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.385	-0.385	0.002	0.003	0.016	14:30:56	No

=====
Element: As AS Loc.: 2 Date: 10/23/2001
Sample ID: ipc
μL dispensed: 10 from 36, 5 from 37, 20 from 2
=====

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μg/L	μg/L	Signal	Area	Area		Stored
1	19.74	19.74	0.106	0.107	0.021	14:33:35	No

QC value within specified limits.

=====
Element: As AS Loc.: 3 Date: 10/23/2001
Sample ID: cb
μL dispensed: 10 from 36, 5 from 37, 20 from 3
=====

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μg/L	μg/L	Signal	Area	Area		Stored
1	-0.773	-0.773	0.000	0.001	0.013	14:36:12	No

=====
 Element: As AS Loc.: 6 Date: 10/23/2001
 Sample ID: 25603
 µL dispensed: 10 from 36, 5 from 37, 20 from 6

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-1.161	-1.161	-0.002	-0.001	0.019	14:44:45	No

=====
 Element: As AS Loc.: 6 Date: 10/23/2001
 Sample ID: 25603
 µL dispensed: 5 from 37, 10 from 38, 20 from 6

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	17.04	17.04	0.092	0.093	0.022	14:47:22	No

Recovery is 85.2%

=====
 Element: As AS Loc.: 7 Date: 10/23/2001
 Sample ID: 25603dup
 µL dispensed: 10 from 36, 5 from 37, 20 from 7

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.072	-0.072	0.004	0.005	0.017	14:50:02	No

=====
 Element: As AS Loc.: 8 Date: 10/23/2001
 Sample ID: 25604
 µL dispensed: 10 from 36, 5 from 37, 20 from 8

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.118	-0.118	0.004	0.004	0.014	14:52:44	No

=====
 Element: As AS Loc.: 9 Date: 10/23/2001
 Sample ID: 25605
 µL dispensed: 10 from 36, 5 from 37, 20 from 9

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.031	-0.031	0.004	0.005	0.013	14:55:28	No

=====
 Element: As AS Loc.: 10 Date: 10/23/2001
 Sample ID: 25626
 µL dispensed: 10 from 36, 5 from 37, 20 from 10

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.583	-0.583	0.001	0.002	0.014	14:58:12	No

=====
Element: As AS Loc.: 11 Date: 10/23/2001
Sample ID: 25627
µL dispensed: 10 from 36, 5 from 37, 20 from 11
=====

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-0.754	-0.754	0.000	0.001	0.016	15:00:57	No

=====
Element: As AS Loc.: 12 Date: 10/23/2001
Sample ID: 25732
µL dispensed: 10 from 36, 5 from 37, 20 from 12
=====

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-0.664	-0.664	0.001	0.002	0.014	15:03:43	No

=====
Element: As AS Loc.: 13 Date: 10/23/2001
Sample ID: 25733
µL dispensed: 10 from 36, 5 from 37, 20 from 13
=====

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	0.057	0.057	0.004	0.005	0.012	15:06:28	No

=====
Element: As AS Loc.: 14 Date: 10/23/2001
Sample ID: 25734
µL dispensed: 10 from 36, 5 from 37, 20 from 14
=====

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-0.588	-0.588	0.001	0.002	0.015	15:09:14	No

=====
Element: As AS Loc.: 2 Date: 10/23/2001
Sample ID: ipc
µL dispensed: 10 from 36, 5 from 37, 20 from 2
=====

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	19.15	19.15	0.103	0.104	0.020	15:11:55	No

QC value within specified limits.

=====
Element: As AS Loc.: 3 Date: 10/23/2001
Sample ID: cb
µL dispensed: 10 from 36, 5 from 37, 20 from 3
=====

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-1.292	-1.292	-0.003	-0.002	0.012	15:14:33	No

=====
Element: As AS Loc.: 15 Date: 10/23/2001
Sample ID: 25735
µL dispensed: 10 from 36, 5 from 37, 20 from 15

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.790	-0.790	0.000	0.001	0.016	15:17:16	No

=====
Element: As AS Loc.: 16 Date: 10/23/2001
Sample ID: 25736
µL dispensed: 10 from 36, 5 from 37, 20 from 16

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.195	-0.195	0.003	0.004	0.017	15:20:00	No

=====
Element: As AS Loc.: 16 Date: 10/23/2001
Sample ID: 25736
µL dispensed: 5 from 37, 10 from 38, 20 from 16

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.18	18.18	0.098	0.099	0.024	15:22:46	No

Recovery is 90.9%

=====
Element: As AS Loc.: 17 Date: 10/23/2001
Sample ID: 25737
µL dispensed: 10 from 36, 5 from 37, 20 from 17

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.682	-0.682	0.001	0.002	0.016	15:25:29	No

=====
Element: As AS Loc.: 18 Date: 10/23/2001
Sample ID: 25738
µL dispensed: 10 from 36, 5 from 37, 20 from 18

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.298	-0.298	0.003	0.003	0.015	15:28:10	No

=====
Element: As AS Loc.: 19 Date: 10/23/2001
Sample ID: 25777
µL dispensed: 10 from 36, 5 from 37, 20 from 19

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.950	-0.950	-0.001	0.000	0.019	15:30:51	No

=====
 Element: As AS Loc.: 20 Date: 10/23/2001
 Sample ID: 25830
 µL dispensed: 10 from 36, 5 from 37, 20 from 20
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.151	0.151	0.005	0.006	0.014	15:33:30	No

=====
 Element: As AS Loc.: 21 Date: 10/23/2001
 Sample ID: 25831
 µL dispensed: 10 from 36, 5 from 37, 20 from 21
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.994	-0.994	-0.001	0.000	0.014	15:36:07	No

=====
 Element: As AS Loc.: 22 Date: 10/23/2001
 Sample ID: 25839
 µL dispensed: 10 from 36, 5 from 37, 20 from 22
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-1.157	-1.157	-0.002	-0.001	0.015	15:38:44	No

=====
 Element: As AS Loc.: 23 Date: 10/23/2001
 Sample ID: 25840
 µL dispensed: 10 from 36, 5 from 37, 20 from 23
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.329	-0.329	0.002	0.003	0.015	15:41:21	No

=====
 Element: As AS Loc.: 2 Date: 10/23/2001
 Sample ID: ipc
 µL dispensed: 10 from 36, 5 from 37, 20 from 2
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.04	19.04	0.103	0.104	0.020	15:43:59	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 10/23/2001
 Sample ID: cb
 µL dispensed: 10 from 36, 5 from 37, 20 from 3
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.981	-0.981	-0.001	0.000	0.012	15:46:36	No

=====
 Element: As AS Loc.: 24 Date: 10/23/2001

Sample ID: 25841

μL dispensed: 10 from 36, 5 from 37, 20 from 24

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.400	-0.400	0.002	0.003	0.016	15:49:15	No

=====
 Element: As AS Loc.: 25 Date: 10/23/2001

Sample ID: 25842

μL dispensed: 10 from 36, 5 from 37, 20 from 25

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.793	-0.793	0.000	0.001	0.016	15:51:54	No

=====
 Element: As AS Loc.: 26 Date: 10/23/2001

Sample ID: 25843

μL dispensed: 10 from 36, 5 from 37, 20 from 26

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.404	-0.404	0.002	0.003	0.013	15:54:35	No

=====
 Element: As AS Loc.: 26 Date: 10/23/2001

Sample ID: 25843

μL dispensed: 5 from 37, 10 from 38, 20 from 26

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	17.95	17.95	0.097	0.098	0.019	15:57:12	No

Recovery is 89.8%

=====
 Element: As AS Loc.: 27 Date: 10/23/2001

Sample ID: 25844

μL dispensed: 10 from 36, 5 from 37, 20 from 27

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.392	-0.392	0.002	0.003	0.014	15:59:57	No

=====
 Element: As AS Loc.: 28 Date: 10/23/2001

Sample ID: 25845

μL dispensed: 10 from 36, 5 from 37, 20 from 28

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.079	0.079	0.005	0.005	0.012	16:02:41	No

=====
Element: As AS Loc.: 2 Date: 10/23/2001

Sample ID: ipc

 μ L dispensed: 10 from 36, 5 from 37, 20 from 2

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	19.33	19.33	0.104	0.105	0.020	16:05:24	No

QC value within specified limits.

=====
Element: As AS Loc.: 3 Date: 10/23/2001

Sample ID: cb

 μ L dispensed: 10 from 36, 5 from 37, 20 from 3

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-1.047	-1.047	-0.001	0.000	0.011	16:08:02	No

Method Name: AsHGA Element: As
Method Description: AsHga SM 3113 B

Date: 10/23/2001
Technique: Furnace Calibration Equation: Calc. Intercept: Meth. of Add.
Wavelength: 193.7 nm Slit Width: 0.70 nm
Lamp Current: 0 Energy: 62
Sample Info File: Untitled Results Data Set:

Element: As AS Loc.: 36 Date: 10/23/2001
Sample ID: Calib Blank
 μ L dispensed: 20 from 36, 5 from 37, 20 from 36

Repl	SampleConc	StdConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			0.002	0.003	0.013	16:25:55	No

Auto-zero performed.

Element: As AS Loc.: 29 Date: 10/23/2001
Sample ID: 24258
 μ L dispensed: 20 from 36, 5 from 37, 20 from 29

Repl	SampleConc	StdConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			0.005	0.008	0.108	16:28:35	No

Element: As AS Loc.: 38 Date: 10/23/2001
Sample ID: S10
 μ L dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 29

Repl	SampleConc	StdConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			0.024	0.027	0.119	16:31:25	No

Addition number 1 applied. [10]

Correlation Coefficient: 1.0000 Slope: 0.0019

Element: As AS Loc.: 38 Date: 10/23/2001
Sample ID: S20
 μ L dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 29

Repl	SampleConc	StdConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			0.034	0.037	0.117	16:34:15	No

Addition number 2 applied. [20]

Correlation Coefficient: 0.9847 Slope: 0.0014

Element: As AS Loc.: 38 Date: 10/23/2001
Sample ID: S30
 μ L dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 29

Repl	SampleConc	StdConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			0.040	0.043	0.130	16:37:05	No

Addition number 3 applied. [30]

Correlation Coefficient: 0.9707 Slope: 0.0012

Element: As AS Loc.: 38 Date: 10/23/2001

Sample ID: S40

μL dispensed: 5 from 37, 20 from 38, 20 from 29

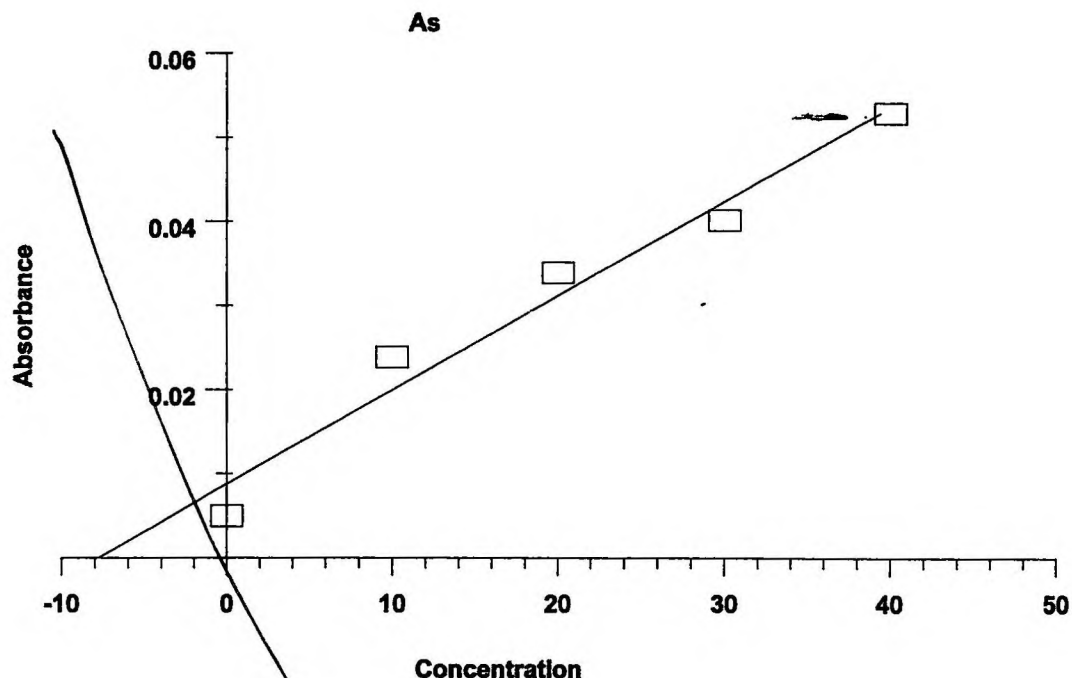
Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.053	0.056	0.113	16:39:47	No

The calibration curve may not be linear.

Addition number 4 applied. [40]

Correlation Coefficient: 0.9837

Slope: 0.0011



Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration ($\mu\text{g/L}$)	Calculated Concentration ($\mu\text{g/L}$)	Standard Deviation	%RSD
Calib Blank	0.000	----	-4.445	----	----
S10	0.024	10	16.84	----	----
S20	0.034	20	25.77	----	----
S30	0.040	30	31.38	----	----
S40	0.053	40	42.73	----	----

Correlation Coefficient: 0.98365 Slope: 0.00112 Intercept: 0.009

[As] Sample Concentration 7.789 $\mu\text{g/L}$
 [As] Sample Concentration 155.8 $\mu\text{g/L}$

S10 = .018

4.632 x 20 = 92.64

The calibration curve has been edited.

```

=====
Element: As   AS Loc.: 38   Date: 10/23/2001
Sample ID: S10
µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 29
-----
Repl  SampleConc  StndConc  BlnkCorr  Peak      Bkgnd      Time      Peak
#      µg/L       µg/L       Signal    Area       Area              Stored
1                               0.018     0.021     0.120  16:55:56  No
Addition number 1 applied. [10]
Correlation Coefficient: 0.9995
[As] Sample Concentration 4.632 µg/L
[As] Sample Concentration 92.64 µg/L
Slope: 0.0012

```

```

=====
Element: As   AS Loc.: 38   Date: 10/23/2001
Sample ID: S20
µL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 29
-----
Repl  SampleConc  StndConc  BlnkCorr  Peak      Bkgnd      Time      Peak
#      µg/L       µg/L       Signal    Area       Area              Stored
1                               0.032     0.035     0.114  16:58:48  No
Addition number 2 applied. [20]
Correlation Coefficient: 0.9964
[As] Sample Concentration 5.189 µg/L
[As] Sample Concentration 103.8 µg/L
Slope: 0.0012
The calibration curve has been edited.

```

4.632 * 20 = 92.64