

Sample Information File Untitled

Description : As Pot 11/27/01
 Batch ID :
 Volume Units :
 Weight Units :
 Analyst :
 Sample Volume : 1.000
 Nominal Weight : 1.000000

DATE ANALYZED	11/27/01
TIME ANALYZED	5:00
ANALYST INITIALS	me
REVIEWED BY	AS

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
1 QCS			
2 IPC			
3 CB			
4 LFB			
5 LRB			
6 27549			
7 27549dup			
8 27550			
9 27622			
10 27623			
11 27624			
12 27625			
13 27626			
14 27627			
15 27628			
16 27631			
17 27632			
18 27638			
19 27639			
20 27662			
21 27678			
22 27679			
23 27754			
24 27755			
25 27817			
26 27818			
27 27818dup			
28 27819			
29 27823			
30 27826			
31 27828			
32 27831			
33 27951			
34 27952			
35 27953			
39 27954			
40 27955			

```

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

```

Date: 11/27/2001
Technique: Furnace                      Calibration Equation: Calc. Intercept: Linear
Wavelength: 193.7 nm                   Slit Width: 0.70 nm
Lamp Current: 0                        Energy: 63
Sample Info File: Untitled              Results Data Set:
  
```

```

=====
Element: As    AS Loc.: 36    Date: 11/27/2001
Sample ID: Calib Blank
µL dispensed: 10 from 36, 5 from 37, 20 from 36
  
```

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.000	0.001	0.008	17:15:42	No

Auto-zero performed.

```

=====
Element: As    AS Loc.: 38    Date: 11/27/2001
Sample ID: S10
µL dispensed: 25 from 36, 5 from 37, 5 from 38
  
```

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.062	0.064	0.014	17:18:20	No

Standard number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0062

```

=====
Element: As    AS Loc.: 38    Date: 11/27/2001
Sample ID: S20
µL dispensed: 20 from 36, 5 from 37, 10 from 38
  
```

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.115	0.117	0.020	17:21:03	No

Standard number 2 applied. [20]

Correlation Coefficient: 0.9989

Slope: 0.0058

```

=====
Element: As    AS Loc.: 38    Date: 11/27/2001
Sample ID: S30
µL dispensed: 15 from 36, 5 from 37, 15 from 38
  
```

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.170	0.171	0.025	17:23:46	No

Standard number 3 applied. [30]

Correlation Coefficient: 0.9993

Slope: 0.0056

Element: As AS Loc.: 38 Date: 11/27/2001

Sample ID: S40

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

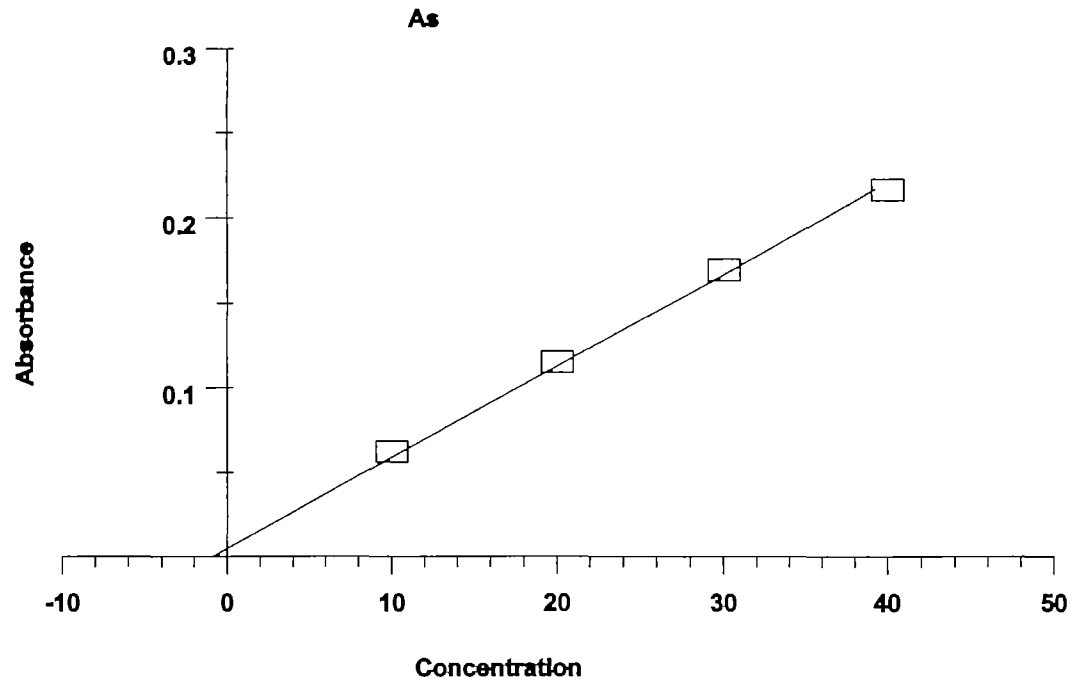
Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.217	0.218	0.029	17:26:29	No

The calibration curve may not be linear.

Standard number 4 applied. [40]

Correlation Coefficient: 0.9989

Slope: 0.0054



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	----	-0.851	----	----
S10	0.062	10	10.66	----	----
S20	0.115	20	20.45	----	----
S30	0.170	30	30.53	----	----
S40	0.217	40	39.21	----	----

Correlation Coefficient: 0.99887 Slope: 0.00542 Intercept: 0.005

Element: As AS Loc.: 1 Date: 11/27/2001

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	9.572	9.572	0.056	0.058	0.013	17:29:12	No

QC value within specified limits.

=====

Element: As AS Loc.: 2 Date: 11/27/2001
 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	18.77 ✓	18.77	0.106	0.108	0.019	17:31:49	No

QC value within specified limits.

=====

Element: As AS Loc.: 3 Date: 11/27/2001
 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	-0.411 ✓	-0.411	0.002	0.004	0.004	17:34:27	No

=====

Element: As AS Loc.: 4 Date: 11/27/2001
 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	39.62 ✓	39.62	0.219	0.221	0.029	17:37:04	No

QC value within specified limits.

=====

Element: As AS Loc.: 5 Date: 11/27/2001
 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	-0.686 ✓	-0.686	0.001	0.002	0.005	17:39:42	No

=====

Element: As AS Loc.: 6 Date: 11/27/2001
 Sample ID: 27549
 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	-0.419	-0.419	0.002	0.004	0.009	17:42:21	No

=====

Element: As AS Loc.: 6 Date: 11/27/2001
 Sample ID: 27549
 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	19.18	19.18	0.108	0.110	0.018	17:44:58	No

Recovery is 95.9% ✓

=====

Element: As AS Loc.: 7 Date: 11/27/2001
 Sample ID: 27549dup
 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	-1.018	-1.018	-0.001	0.000	0.013	17:47:38	No

=====

Element: As AS Loc.: 7 Date: 11/27/2001
 Sample ID: 27549dup
 µL dispensed: 5 from 37, 10 from 38, 20 from 7

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.65	18.65	0.106	0.107	0.018	17:50:15	No

Recovery is 93.2%

=====

Element: As AS Loc.: 8 Date: 11/27/2001
 Sample ID: 27550
 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	-0.548	-0.548	0.002	0.003	0.010	17:52:57	No

=====

Element: As AS Loc.: 9 Date: 11/27/2001
 Sample ID: 27622
 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	-0.588	-0.588	0.001	0.003	0.011	17:55:40	No

=====

Element: As AS Loc.: 10 Date: 11/27/2001
 Sample ID: 27623
 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	-0.701	-0.701	0.001	0.002	0.010	17:58:24	No

=====

Element: As AS Loc.: 11 Date: 11/27/2001
 Sample ID: 27624
 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	-0.300	-0.300	0.003	0.004	0.014	18:01:09	No

=====
 Element: As AS Loc.: 12 Date: 11/27/2001

Sample ID: 27625

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

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.664	-0.664	0.001	0.002	0.013	18:03:56	No

=====
 Element: As AS Loc.: 13 Date: 11/27/2001

Sample ID: 27626

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

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.535	-0.535	0.002	0.003	0.011	18:06:41	No

=====
 Element: As AS Loc.: 2 Date: 11/27/2001

Sample ID: ipc

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

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.52	18.52	0.105	0.106	0.019	18:09:23	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 11/27/2001

Sample ID: cb

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

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.812	-0.812	0.000	0.002	0.008	18:12:00	No

=====
 Element: As AS Loc.: 14 Date: 11/27/2001

Sample ID: 27627

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

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.335	-0.335	0.003	0.004	0.011	18:14:43	No

=====
 Element: As AS Loc.: 15 Date: 11/27/2001

Sample ID: 27628

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

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.322	-0.322	0.003	0.004	0.011	18:17:28	No

=====

Element: AS AS Loc.: 16 Date: 11/27/2001
Sample ID: 27631
 μ L dispensed: 10 from 36, 5 from 37, 20 from 16

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.688	-0.688	0.001	0.002	0.011	18:20:14	No

=====

Element: AS AS Loc.: 16 Date: 11/27/2001
Sample ID: 27631
 μ L dispensed: 5 from 37, 10 from 38, 20 from 16

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	19.77	19.77	0.112	0.113	0.017	18:22:59	No

Recovery is 98.9%

=====

Element: AS AS Loc.: 17 Date: 11/27/2001
Sample ID: 27632
 μ L dispensed: 10 from 36, 5 from 37, 20 from 17

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.476	-0.476	0.002	0.003	0.012	18:25:42	No

=====

Element: AS AS Loc.: 18 Date: 11/27/2001
Sample ID: 27638
 μ L dispensed: 10 from 36, 5 from 37, 20 from 18

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.394	-0.394	0.002	0.004	0.010	18:28:24	No

=====

Element: AS AS Loc.: 19 Date: 11/27/2001
Sample ID: 27639
 μ L dispensed: 10 from 36, 5 from 37, 20 from 19

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.444	-0.444	0.002	0.004	0.011	18:31:05	No

=====

Element: AS AS Loc.: 20 Date: 11/27/2001
Sample ID: 27662
 μ L dispensed: 10 from 36, 5 from 37, 20 from 20

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-1.138	-1.138	-0.002	0.000	0.021	18:33:44	No

=====
 Element: As AS Loc.: 21 Date: 11/27/2001
 Sample ID: 27678
 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	-0.619	-0.619	0.001	0.003	0.010	18:36:21	No

=====
 Element: As AS Loc.: 22 Date: 11/27/2001
 Sample ID: 27679
 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	-0.529	-0.529	0.002	0.003	0.009	18:38:58	No

=====
 Element: As AS Loc.: 2 Date: 11/27/2001
 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	18.34	18.34	0.104	0.105	0.017	18:41:36	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 11/27/2001
 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	-0.869	-0.869	0.000	0.001	0.007	18:44:14	No

=====
 Element: As AS Loc.: 4 Date: 11/27/2001
 Sample ID: lfb
 µL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	40.08	40.08	0.222	0.223	0.027	18:46:51	No

QC value within specified limits.

=====
 Element: As AS Loc.: 5 Date: 11/27/2001
 Sample ID: lrb
 µL dispensed: 10 from 36, 5 from 37, 20 from 5

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-1.096	-1.096	-0.001	0.000	0.008	18:49:29	No

=====

Element: As AS Loc.: 23 Date: 11/27/2001

Sample ID: 27754

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	-0.153	-0.153	0.004	0.005	0.025	18:52:07	No

=====

Element: As AS Loc.: 24 Date: 11/27/2001

Sample ID: 27755

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.504	0.504	0.007	0.009	0.025	18:54:46	No

=====

Element: As AS Loc.: 25 Date: 11/27/2001

Sample ID: 27817

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.445	-0.445	0.002	0.004	0.012	18:57:25	No

=====

Element: As AS Loc.: 26 Date: 11/27/2001

Sample ID: 27818

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.373	-0.373	0.003	0.004	0.012	19:00:07	No

=====

Element: As AS Loc.: 26 Date: 11/27/2001

Sample ID: 27818

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.82	18.82	0.107	0.108	0.018	19:02:44	No

Recovery is 94.1%

=====

Element: As AS Loc.: 27 Date: 11/27/2001

Sample ID: 27818dup

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.398	-0.398	0.002	0.004	0.010	19:05:27	No

=====
 Element: AS AS Loc.: 27 Date: 11/27/2001
 Sample ID: 27818dup
 µL dispensed: 5 from 37, 10 from 38, 20 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.68	18.69	0.106	0.107	0.020	19:08:05	No

Recovery is 93.5%

=====
 Element: AS AS Loc.: 28 Date: 11/27/2001
 Sample ID: 27819
 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	-0.271	-0.271	0.003	0.005	0.009	19:10:49	No

=====
 Element: AS AS Loc.: 29 Date: 11/27/2001
 Sample ID: 27823
 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	-0.651	-0.651	0.001	0.002	0.010	19:13:35	No

=====
 Element: AS AS Loc.: 30 Date: 11/27/2001
 Sample ID: 27826
 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	-0.598	-0.598	0.001	0.003	0.012	19:16:21	No

=====
 Element: AS AS Loc.: 2 Date: 11/27/2001
 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	18.59	18.59	0.105	0.107	0.019	19:19:03	No

QC value within specified limits.

=====
 Element: AS AS Loc.: 3 Date: 11/27/2001
 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	-0.601	-0.601	0.001	0.003	0.005	19:21:40	No

=====

Element: As AS Loc.: 31 Date: 11/27/2001
 Sample ID: 27828
 µL dispensed: 10 from 36, 5 from 37, 20 from 31

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.737	-0.737	0.001	0.002	0.005	19:24:23	No

=====

Element: As AS Loc.: 32 Date: 11/27/2001
 Sample ID: 27831
 µL dispensed: 10 from 36, 5 from 37, 20 from 32

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.421	-0.421	0.002	0.004	0.014	19:27:08	No

=====

Element: As AS Loc.: 33 Date: 11/27/2001
 Sample ID: 27951
 µL dispensed: 10 from 36, 5 from 37, 20 from 33

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.198	-0.198	0.004	0.005	0.011	19:29:51	No

=====

Element: As AS Loc.: 34 Date: 11/27/2001
 Sample ID: 27952
 µL dispensed: 10 from 36, 5 from 37, 20 from 34

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.437	-0.437	0.002	0.004	0.009	19:32:31	No

=====

Element: As AS Loc.: 35 Date: 11/27/2001
 Sample ID: 27953
 µL dispensed: 10 from 36, 5 from 37, 20 from 35

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.568	-0.568	0.002	0.003	0.019	19:35:11	No

=====

Element: As AS Loc.: 39 Date: 11/27/2001
 Sample ID: 27954
 µL dispensed: 10 from 36, 5 from 37, 20 from 39

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.894	-0.894	0.000	0.001	0.013	19:37:53	No

=====

Element: As AS Loc.: 40 Date: 11/27/2001

Sample ID: 27955

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

Repl	SampleConc	StndConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μg/L	μg/L	Signal	Area	Area		Stored
1	-0.539	-0.539	0.002	0.003	0.015	19:40:38	No

=====

Element: As AS Loc.: 2 Date: 11/27/2001

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	18.21 ✓	18.21	0.103	0.105	0.020	19:43:18	No

QC value within specified limits.

=====

Element: As AS Loc.: 3 Date: 11/27/2001

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	-0.659 ✓	-0.659	0.001	0.002	0.008	19:45:55	No