

Sample Information File Untitled

Description : As Pot 12/4/01
Batch ID :
Volume Units :
Weight Units :
Analyst :
Sample Volume : 1.000
Nominal Weight : 1.000000

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
1 QCS			
2 IPC			
3 CB			
4 LFB			
5 LRB			
6 29444			
7 29446			
8 27956 ✓			
9 27956dup✓			
10 27957✓			
11 28043✓			
12 28044✓			
13 28045✓			
14 28046✓			
15 28047✓			
16 28048✓			
17 28049✓			
18 28141			
19 28143			
20 28145			
21 28147			
22 28149			
23 28151			
24 28153			
25 28155			
26 28157			
27 28159			
28 28161			
29 28163			
30 28164✓			
31 28164dup✓			
32 28165✓			
33 28166✓			
34 28167✓			
35 28168✓			
39 28169✓			
40 28170✓			

Not us

Already reviewed

Method Name: AsHGA Element: As

Method Description: AsHga SM 3113 B

Date: 12/04/2001

Technique: Furnace

Calibration Equation: Calc. Intercept: Linear

Wavelength: 193.7 nm

Slit Width: 0.70 nm

Lamp Current: 0

Energy: 64

Sample Info File: Untitled

Results Data Set:

Element: As AS Loc.: 36 Date: 12/04/2001

Sample ID: Calib Blank

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			-0.004	-0.002	0.026	17:12:57	No

Auto-zero performed.

Element: As AS Loc.: 38 Date: 12/04/2001

Sample ID: S10

µL dispensed: 25 from 36, 5 from 37, 5 from 38

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.062	0.060	0.024	17:15:35	No

Standard number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0062

Element: As AS Loc.: 38 Date: 12/04/2001

Sample ID: S20

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.113	0.111	0.027	17:18:18	No

Standard number 2 applied. [20]

Correlation Coefficient: 0.9983

Slope: 0.0056

Element: As AS Loc.: 38 Date: 12/04/2001

Sample ID: S30

µL dispensed: 15 from 36, 5 from 37, 15 from 38

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.165	0.163	0.031	17:21:01	No

Standard number 3 applied. [30]

Correlation Coefficient: 0.9989

Slope: 0.0054

Element: As AS Loc.: 38 Date: 12/04/2001

Sample ID: S40

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

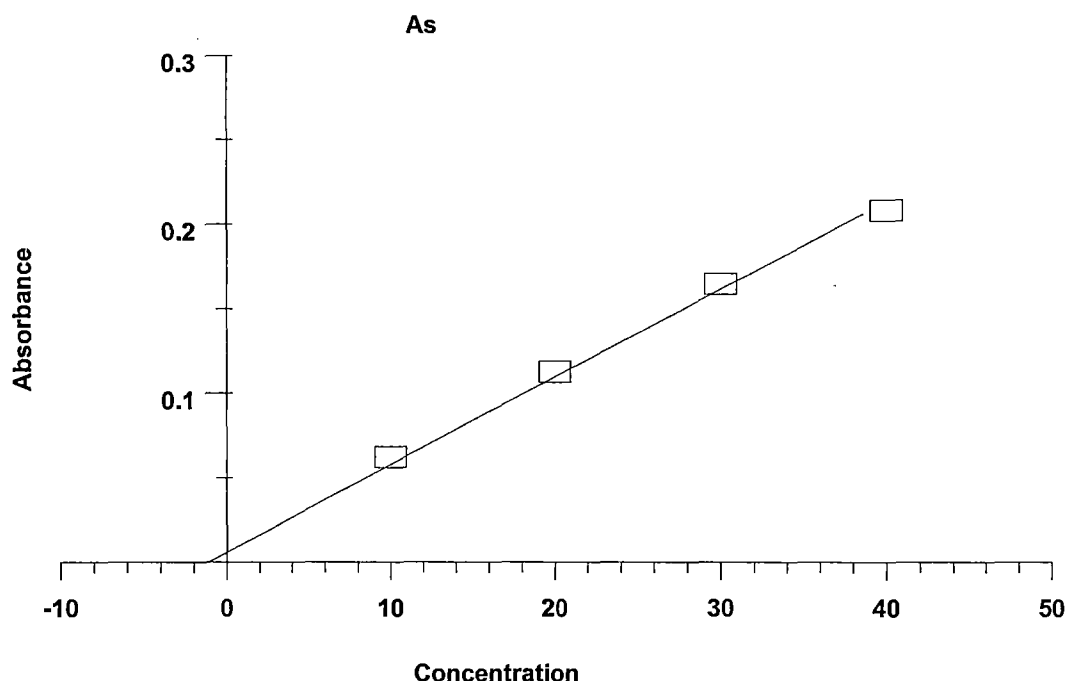
Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.208	0.206	0.036	17:23:44	No

The calibration curve may not be linear.

Standard number 4 applied. [40]

Correlation Coefficient: 0.9982

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	----	-1.105	----	----
S10	0.062	10	10.86	----	----
S20	0.113	20	20.60	----	----
S30	0.165	30	30.63	----	----
S40	0.208	40	39.01	----	----

Correlation Coefficient: 0.99815 Slope: 0.00518 Intercept: 0.006

Element: As AS Loc.: 1 Date: 12/04/2001

Sample ID: qcs

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	9.571	9.571	0.055	0.054	0.020	17:27:47	No

QC value within specified limits.

=====
 Element: As AS Loc.: 2 Date: 12/04/2001
 Sample ID: ipc
 µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc µg/L	StdndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.90	19.90	0.109	0.107	0.022	17:30:25	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 12/04/2001
 Sample ID: cb
 µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc µg/L	StdndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.589	-0.589	0.003	0.001	0.014	17:33:03	No

=====
 Element: As AS Loc.: 4 Date: 12/04/2001
 Sample ID: lfb
 µL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc µg/L	StdndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	39.52	39.52	0.211	0.209	0.034	17:35:41	No

QC value within specified limits.

=====
 Element: As AS Loc.: 5 Date: 12/04/2001
 Sample ID: lrb
 µL dispensed: 10 from 36, 5 from 37, 20 from 5

Repl #	SampleConc µg/L	StdndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.657	-0.657	0.002	0.001	0.012	17:38:20	No

=====
 Element: As AS Loc.: 6 Date: 12/04/2001
 Sample ID: 29444
 µL dispensed: 10 from 36, 5 from 37, 20 from 6

Repl #	SampleConc µg/L	StdndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.915	0.915	0.010	0.009	0.027	17:40:59	No

=====
 Element: As AS Loc.: 7 Date: 12/04/2001
 Sample ID: 29446
 µL dispensed: 10 from 36, 5 from 37, 20 from 7

Repl #	SampleConc µg/L	StdndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.549	0.549	0.009	0.007	0.029	17:43:40	No

=====
 Element: As AS Loc.: 8 Date: 12/04/2001
 Sample ID: 27956
 µL dispensed: 10 from 36, 5 from 37, 20 from 8

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.083	0.083	0.006	0.004	0.016	17:46:22	No

=====
 Element: As AS Loc.: 8 Date: 12/04/2001
 Sample ID: 27956
 µL dispensed: 5 from 37, 10 from 38, 20 from 8

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.74	19.74	0.108	0.106	0.026	17:49:00	No

Recovery is 98.3%

=====
 Element: As AS Loc.: 9 Date: 12/04/2001
 Sample ID: 27956dup
 µL dispensed: 10 from 36, 5 from 37, 20 from 9

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.315	-0.315	0.004	0.002	0.018	17:51:43	No

=====
 Element: As AS Loc.: 9 Date: 12/04/2001
 Sample ID: 27956dup
 µL dispensed: 5 from 37, 10 from 38, 20 from 9

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.65	19.65	0.108	0.106	0.023	17:54:21	No

Recovery is 98.3%

=====
 Element: As AS Loc.: 10 Date: 12/04/2001
 Sample ID: 27957
 µL dispensed: 10 from 36, 5 from 37, 20 from 10

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.142	-0.142	0.005	0.003	0.014	17:57:06	No

=====
 Element: As AS Loc.: 11 Date: 12/04/2001
 Sample ID: 28043
 µL dispensed: 10 from 36, 5 from 37, 20 from 11

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.188	-0.188	0.005	0.003	0.015	17:59:51	No

=====
 Element: As AS Loc.: 12 Date: 12/04/2001

Sample ID: 28044

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.870	-0.870	0.001	0.000	0.019	18:02:37	No

=====
 Element: As AS Loc.: 13 Date: 12/04/2001

Sample ID: 28045

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.155	-0.155	0.005	0.003	0.016	18:05:23	No

=====
 Element: As AS Loc.: 2 Date: 12/04/2001

Sample ID: ipc

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.37	19.37	0.106	0.104	0.021	18:08:04	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 12/04/2001

Sample ID: cb

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.648	-0.648	0.002	0.001	0.012	18:10:41	No

=====
 Element: As AS Loc.: 14 Date: 12/04/2001

Sample ID: 28046

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.514	-0.514	0.003	0.001	0.017	18:13:25	No

=====
 Element: As AS Loc.: 15 Date: 12/04/2001

Sample ID: 28047

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.273	-0.273	0.004	0.003	0.019	18:16:10	No

=====
Element: As AS Loc.: 16 Date: 12/04/2001
Sample ID: 28048
µL dispensed: 10 from 36, 5 from 37, 20 from 16

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.284	0.284	0.007	0.006	0.016	18:18:54	No

=====
Element: As AS Loc.: 17 Date: 12/04/2001
Sample ID: 28049
µL dispensed: 10 from 36, 5 from 37, 20 from 17

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.177	-0.177	0.005	0.003	0.013	18:21:38	No

=====
Element: As AS Loc.: 17 Date: 12/04/2001
Sample ID: 28049
µL dispensed: 5 from 37, 10 from 38, 20 from 17

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.32	19.32	0.106	0.104	0.024	18:24:22	No

Recovery is 96.6%

=====
Element: As AS Loc.: 18 Date: 12/04/2001
Sample ID: 28141
µL dispensed: 10 from 36, 5 from 37, 20 from 18

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.403	-0.403	0.004	0.002	0.021	18:27:04	No

=====
Element: As AS Loc.: 19 Date: 12/04/2001
Sample ID: 28143
µL dispensed: 10 from 36, 5 from 37, 20 from 19

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.401	-0.401	0.004	0.002	0.020	18:29:44	No

=====
Element: As AS Loc.: 20 Date: 12/04/2001
Sample ID: 28145
µL dispensed: 10 from 36, 5 from 37, 20 from 20

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.783	-0.783	0.002	0.000	0.021	18:32:23	No

=====
 Element: As AS Loc.: 21 Date: 12/04/2001
 Sample ID: 28147
 µL dispensed: 10 from 36, 5 from 37, 20 from 21
 =====

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.762	-0.762	0.002	0.000	0.018	18:35:01	No

=====
 Element: As AS Loc.: 22 Date: 12/04/2001
 Sample ID: 28149
 µL dispensed: 10 from 36, 5 from 37, 20 from 22
 =====

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.443	-0.443	0.003	0.002	0.023	18:37:39	No

=====
 Element: As AS Loc.: 2 Date: 12/04/2001
 Sample ID: ipc
 µL dispensed: 10 from 36, 5 from 37, 20 from 2
 =====

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.47	19.47	0.107	0.105	0.023	18:40:17	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 12/04/2001
 Sample ID: cb
 µL dispensed: 10 from 36, 5 from 37, 20 from 3
 =====

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.917	-0.917	0.001	-0.001	0.012	18:42:54	No

=====
 Element: As AS Loc.: 4 Date: 12/04/2001
 Sample ID: lfb
 µL dispensed: 10 from 36, 5 from 37, 20 from 4
 =====

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	39.05	39.05	0.208	0.206	0.033	18:45:32	No

QC value within specified limits.

=====
 Element: As AS Loc.: 5 Date: 12/04/2001
 Sample ID: lrb
 µL dispensed: 10 from 36, 5 from 37, 20 from 5
 =====

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.547	-0.547	0.003	0.001	0.013	18:48:09	No

=====
Element: As AS Loc.: 23 Date: 12/04/2001

Sample ID: 28151

 μ L dispensed: 10 from 36, 5 from 37, 20 from 23

Repl #	SampleConc μ g/L	StdndConc μ g/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.701	-0.701	0.002	0.000	0.022	18:50:49	No

=====
Element: As AS Loc.: 24 Date: 12/04/2001

Sample ID: 28153

 μ L dispensed: 10 from 36, 5 from 37, 20 from 24

Repl #	SampleConc μ g/L	StdndConc μ g/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.914	-0.914	0.001	-0.001	0.021	18:53:26	No

=====
Element: As AS Loc.: 25 Date: 12/04/2001

Sample ID: 28155

 μ L dispensed: 10 from 36, 5 from 37, 20 from 25

Repl #	SampleConc μ g/L	StdndConc μ g/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-1.298	-1.298	-0.001	-0.003	0.026	18:56:07	No

=====
Element: As AS Loc.: 26 Date: 12/04/2001

Sample ID: 28157

 μ L dispensed: 10 from 36, 5 from 37, 20 from 26

Repl #	SampleConc μ g/L	StdndConc μ g/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.979	-0.979	0.001	-0.001	0.023	18:58:48	No

=====
Element: As AS Loc.: 27 Date: 12/04/2001

Sample ID: 28159

 μ L dispensed: 10 from 36, 5 from 37, 20 from 27

Repl #	SampleConc μ g/L	StdndConc μ g/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-1.199	-1.199	0.000	-0.002	0.021	19:01:31	No

=====
Element: As AS Loc.: 28 Date: 12/04/2001

Sample ID: 28161

 μ L dispensed: 10 from 36, 5 from 37, 20 from 28

Repl #	SampleConc μ g/L	StdndConc μ g/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.538	-0.538	0.003	0.001	0.022	19:04:16	No

=====
 Element: As AS Loc.: 29 Date: 12/04/2001

Sample ID: 28163

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.321	-0.321	0.004	0.002	0.028	19:07:02	No

=====
 Element: As AS Loc.: 30 Date: 12/04/2001

Sample ID: 28164

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.087	-0.087	0.005	0.004	0.014	19:09:48	No

=====
 Element: As AS Loc.: 30 Date: 12/04/2001

Sample ID: 28164

µL dispensed: 5 from 37, 10 from 38, 20 from 30

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	20.06	20.06	0.110	0.108	0.024	19:12:31	No

Recovery is 100.3%

=====
 Element: As AS Loc.: 31 Date: 12/04/2001

Sample ID: 28164dup

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.376	-0.376	0.004	0.002	0.017	19:15:17	No

=====
 Element: As AS Loc.: 31 Date: 12/04/2001

Sample ID: 28164dup

µL dispensed: 5 from 37, 10 from 38, 20 from 31

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	20.36	20.36	0.111	0.110	0.022	19:18:03	No

Recovery is 101.8%

=====
 Element: As AS Loc.: 2 Date: 12/04/2001

Sample ID: ipc

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	20.09	20.09	0.110	0.108	0.022	19:20:43	No

QC value within specified limits.

=====
Element: As AS Loc.: 3 Date: 12/04/2001
Sample ID: cb
µL dispensed: 10 from 36, 5 from 37, 20 from 3
=====

Repl	SampleConc	StdConc	Blncorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-0.825	-0.825	0.001	0.000	0.011	19:23:20	No

=====
Element: As AS Loc.: 32 Date: 12/04/2001
Sample ID: 28165
µL dispensed: 10 from 36, 5 from 37, 20 from 32
=====

Repl	SampleConc	StdConc	Blncorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-0.515	-0.515	0.003	0.001	0.016	19:26:03	No

=====
Element: As AS Loc.: 33 Date: 12/04/2001
Sample ID: 28166
µL dispensed: 10 from 36, 5 from 37, 20 from 33
=====

Repl	SampleConc	StdConc	Blncorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-0.045	-0.045	0.005	0.004	0.020	19:28:46	No

=====
Element: As AS Loc.: 34 Date: 12/04/2001
Sample ID: 28167
µL dispensed: 10 from 36, 5 from 37, 20 from 34
=====

Repl	SampleConc	StdConc	Blncorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-0.376	-0.376	0.004	0.002	0.018	19:31:27	No

=====
Element: As AS Loc.: 35 Date: 12/04/2001
Sample ID: 28168
µL dispensed: 10 from 36, 5 from 37, 20 from 35
=====

Repl	SampleConc	StdConc	Blncorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-0.215	-0.215	0.005	0.003	0.015	19:34:08	No

=====
Element: As AS Loc.: 39 Date: 12/04/2001
Sample ID: 28169
µL dispensed: 10 from 36, 5 from 37, 20 from 39
=====

Repl	SampleConc	StdConc	Blncorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-0.425	-0.425	0.004	0.002	0.017	19:36:49	No

=====
 Element: As AS Loc.: 40 Date: 12/04/2001
 Sample ID: 28170
 µL dispensed: 10 from 36, 5 from 37, 20 from 40
 =====

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-0.191	-0.191	0.005	0.003	0.016	19:39:35	No

=====
 Element: As AS Loc.: 2 Date: 12/04/2001
 Sample ID: ipc
 µL dispensed: 10 from 36, 5 from 37, 20 from 2
 =====

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	20.45	20.45	0.112	0.110	0.020	19:42:15	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 12/04/2001
 Sample ID: cb
 µL dispensed: 10 from 36, 5 from 37, 20 from 3
 =====

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1	-1.084	-1.084	0.000	-0.002	0.014	19:44:52	No