

Sample Information File Untitled

Description : As pot 9/28/01
 Batch ID :
 Volume Units :
 Weight Units :
 Analyst :
 Sample Volume : 1.000
 Nominal Weight : 1.000000

DATE ANALYZED	9/28/01
TIME ANALYZED	9.00
ANALYST INITIALS	Mo
REVIEWED BY	AB

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 23581 - 20 ✓
 7 23581dup - NOT REP
 8 23583
 9 23605
 10 23606
 11 23607
 12 23650
 13 23651
 14 23652
 15 23653
 16 23654 - 40 ✓
 17 23655
 18 23656
 19 23697
 20 23698
 21 23699
 22 23717
 23 23718
 24 23719
 25 23720
 26 23721 - 50 ✓
 27 23721dup
 28 23722
 29 23723
 30 23756 - NOT REP
 31 23797
 32 23798
 33 23799

QC Reviewed by,
 AB 11/7/01

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

Date: 09/28/2001
 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: 09/28/2001
 Sample ID: Calib Blank
 μ L dispensed: 10 from 36, 5 from 37, 20 from 36

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.002	0.001	0.015	09:03:11	No

Auto-zero performed.

Element: As AS Loc.: 38 Date: 09/28/2001
 Sample ID: S10
 μ L dispensed: 25 from 36, 5 from 37, 5 from 38

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.065	0.066	0.017	09:05:48	No

Standard number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0065

Element: As AS Loc.: 38 Date: 09/28/2001
 Sample ID: S20
 μ L dispensed: 20 from 36, 5 from 37, 10 from 38

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.113	0.114	0.022	09:08:30	No

Standard number 2 applied. [20]

Correlation Coefficient: 0.9963

Slope: 0.0057

Element: As AS Loc.: 38 Date: 09/28/2001
 Sample ID: S30
 μ L dispensed: 15 from 36, 5 from 37, 15 from 38

Repl #	SampleConc μ g/L	StndConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.168	0.169	0.025	09:11:12	No

Standard number 3 applied. [30]

Correlation Coefficient: 0.9982

Slope: 0.0055

=====

Element: As AS Loc.: 38 Date: 09/28/2001

Sample ID: S40

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

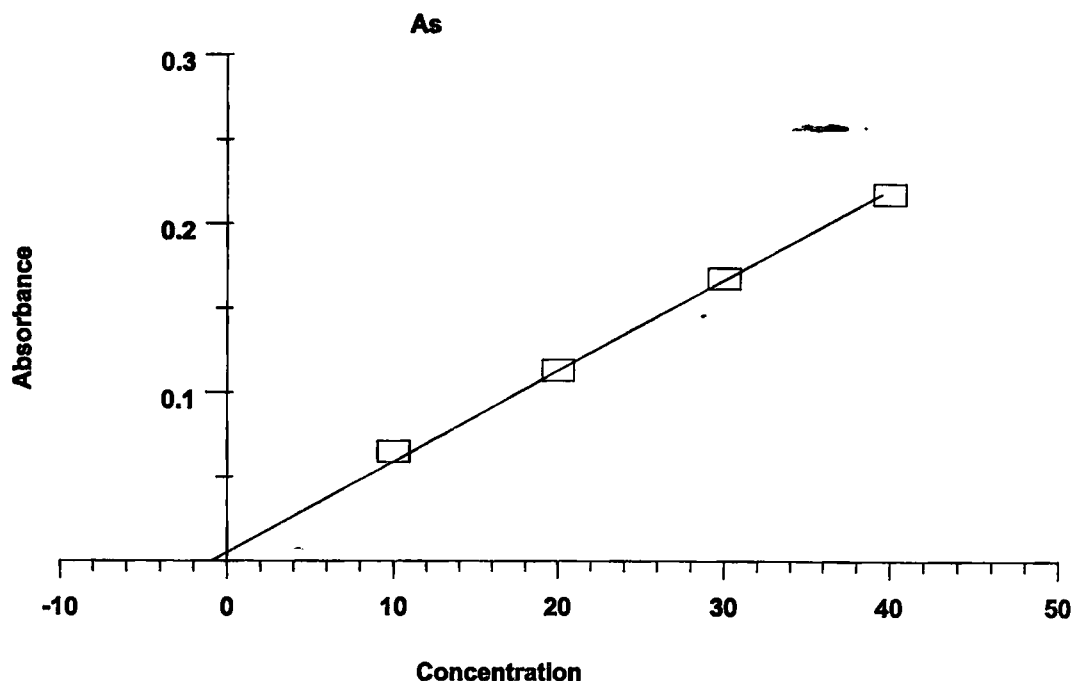
Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.218	0.219	0.030	09:13:54	No

The calibration curve may not be linear.

Standard number 4 applied. [40]

Correlation Coefficient: 0.9988

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	----	-0.946	----	----
S10	0.065	10	11.14	----	----
S20	0.113	20	20.07	----	----
S30	0.168	30	30.20	----	----
S40	0.218	40	39.53	----	----

Correlation Coefficient: 0.99877 Slope: 0.00539 Intercept: 0.005

=====
 Element: As AS Loc.: 1 Date: 09/28/2001
 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	9.253	9.253	0.055	0.056	0.016	09:24:17	No

 QC value within specified limits.

=====
 Element: As AS Loc.: 2 Date: 09/28/2001
 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	19.52	19.52	0.110	0.111	0.019	09:26:54	No

 QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 09/28/2001
 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	-0.646	-0.646	0.002	0.003	0.008	09:29:31	No

=====
 Element: As AS Loc.: 4 Date: 09/28/2001
 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	39.43	39.43	0.217	0.219	0.025	09:32:07	No

 QC value within specified limits.

=====
 Element: As AS Loc.: 5 Date: 09/28/2001
 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	-0.258	-0.258	0.004	0.005	0.008	09:34:45	No

=====
 Element: As AS Loc.: 6 Date: 09/28/2001
 Sample ID: 23581
 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	-0.711	-0.711	0.001	0.002	0.021	09:37:24	No

=====
Element: As AS Loc.: 6 Date: 09/28/2001
Sample ID: 23581
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	18.53	18.53	0.105	0.106	0.029	09:40:01	No

Recovery is 92.7%

=====
Element: As AS Loc.: 7 Date: 09/28/2001
Sample ID: 23581dup
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	-0.437	-0.437	0.003	0.004	0.021	09:42:40	No

=====
Element: As AS Loc.: 8 Date: 09/28/2001
Sample ID: 23583
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	-0.862	-0.862	0.000	0.002	0.023	09:45:21	No

=====
Element: As AS Loc.: 9 Date: 09/28/2001
Sample ID: 23605
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	-0.131	-0.131	0.004	0.006	0.014	09:48:04	No

=====
Element: As AS Loc.: 10 Date: 09/28/2001
Sample ID: 23606
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	-0.529	-0.529	0.002	0.003	0.011	09:50:48	No

=====
Element: As AS Loc.: 11 Date: 09/28/2001
Sample ID: 23607
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	-0.978	-0.978	0.000	0.001	0.012	09:53:33	No

=====
 Element: As AS Loc.: 12 Date: 09/28/2001
 Sample ID: 23650
 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	-0.228	-0.228	0.004	0.005	0.011	09:56:20	No

=====
 Element: As AS Loc.: 13 Date: 09/28/2001
 Sample ID: 23651
 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	-0.803	-0.803	0.001	0.002	0.013	09:59:05	No

=====
 Element: As AS Loc.: 14 Date: 09/28/2001
 Sample ID: 23652
 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	-0.076	-0.076	0.005	0.006	0.010	10:01:51	No

=====
 Element: As AS Loc.: 2 Date: 09/28/2001
 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	18.58	18.58	0.105	0.106	0.015	10:04:32	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 09/28/2001
 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	-1.050	-1.050	-0.001	0.001	0.008	10:07:10	No

=====
 Element: As AS Loc.: 15 Date: 09/28/2001
 Sample ID: 23653
 µL dispensed: 10 from 36, 5 from 37, 20 from 15

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.457	-0.457	0.003	0.004	0.011	10:09:52	No

=====
 Element: As AS Loc.: 16 Date: 09/28/2001
 Sample ID: 23654
 µL dispensed: 10 from 36, 5 from 37, 20 from 16
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.615	-0.615	0.002	0.003	0.012	10:12:37	No

=====
 Element: As AS Loc.: 16 Date: 09/28/2001
 Sample ID: 23654
 µL dispensed: 5 from 37, 10 from 38, 20 from 16
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	17.48	17.48	0.099	0.100	0.016	10:15:21	No

Recovery is 87.4%

=====
 Element: As AS Loc.: 17 Date: 09/28/2001
 Sample ID: 23655
 µL dispensed: 10 from 36, 5 from 37, 20 from 17
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.347	-0.347	0.003	0.004	0.010	10:18:04	No

=====
 Element: As AS Loc.: 18 Date: 09/28/2001
 Sample ID: 23656
 µL dispensed: 10 from 36, 5 from 37, 20 from 18
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.294	-0.294	0.004	0.005	0.011	10:20:46	No

=====
 Element: As AS Loc.: 19 Date: 09/28/2001
 Sample ID: 23697
 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	-0.677	-0.677	0.001	0.003	0.012	10:23:26	No

=====
 Element: As AS Loc.: 20 Date: 09/28/2001
 Sample ID: 23698
 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	-0.690	-0.690	0.001	0.003	0.014	10:26:05	No

=====
Element: As AS Loc.: 21 Date: 09/28/2001
Sample ID: 23699
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	-1.014	-1.014	0.000	0.001	0.012	10:28:42	No

=====
Element: As AS Loc.: 22 Date: 09/28/2001
Sample ID: 23717
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	-0.172	-0.172	0.004	0.005	0.011	10:31:19	No

=====
Element: As AS Loc.: 23 Date: 09/28/2001
Sample ID: 23718
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	-0.346	-0.346	0.003	0.004	0.010	10:33:55	No

=====
Element: As AS Loc.: 2 Date: 09/28/2001
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	18.93	18.93	0.107	0.108	0.016	10:36:34	No

QC value within specified limits.

=====
Element: As AS Loc.: 3 Date: 09/28/2001
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	-0.888	-0.888	0.000	0.002	0.007	10:39:11	No

=====
Element: As AS Loc.: 24 Date: 09/28/2001
Sample ID: 23719
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	-0.814	-0.814	0.001	0.002	0.012	10:41:48	No

=====
 Element: As AS Loc.: 25 Date: 09/28/2001
 Sample ID: 23720
 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	-0.745	-0.745	0.001	0.002	0.012	10:44:28	No

=====
 Element: As AS Loc.: 26 Date: 09/28/2001
 Sample ID: 23721
 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	-0.700	-0.700	0.001	0.003	0.014	10:47:09	No

=====
 Element: As AS Loc.: 26 Date: 09/28/2001
 Sample ID: 23721
 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	18.04	18.04	0.102	0.103	0.017	10:49:45	No

Recovery is 90.2%

=====
 Element: As AS Loc.: 27 Date: 09/28/2001
 Sample ID: 23721dup
 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	-0.460	-0.460	0.003	0.004	0.012	10:52:28	No

=====
 Element: As AS Loc.: 28 Date: 09/28/2001
 Sample ID: 23722
 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	-0.434	-0.434	0.003	0.004	0.012	10:55:13	No

=====
 Element: As AS Loc.: 29 Date: 09/28/2001
 Sample ID: 23723
 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	-0.370	-0.370	0.003	0.004	0.012	10:58:01	No

=====
Element: As AS Loc.: 30 Date: 09/28/2001
Sample ID: 23756
 μ L dispensed: 10 from 36, 5 from 37, 20 from 30
=====

Repl	SampleConc	StdConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.821	-0.821	0.001	0.002	0.055	11:00:48	No

=====

=====
Element: As AS Loc.: 31 Date: 09/28/2001
Sample ID: 23797
 μ L dispensed: 10 from 36, 5 from 37, 20 from 31
=====

Repl	SampleConc	StdConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-1.035	-1.035	0.000	0.001	0.013	11:03:33	No

=====

=====
Element: As AS Loc.: 32 Date: 09/28/2001
Sample ID: 23798
 μ L dispensed: 10 from 36, 5 from 37, 20 from 32
=====

Repl	SampleConc	StdConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.830	-0.830	0.001	0.002	0.012	11:06:18	No

=====

=====
Element: As AS Loc.: 2 Date: 09/28/2001
Sample ID: ipc
 μ L dispensed: 10 from 36, 5 from 37, 20 from 2
=====

Repl	SampleConc	StdConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	19.60	19.60	0.111	0.112	0.014	11:08:58	No

QC value within specified limits.

=====

=====
Element: As AS Loc.: 3 Date: 09/28/2001
Sample ID: cb
 μ L dispensed: 10 from 36, 5 from 37, 20 from 3
=====

Repl	SampleConc	StdConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	0.007	0.007	0.005	0.006	0.004	11:11:35	No

=====

=====
Element: As AS Loc.: 33 Date: 09/28/2001
Sample ID: 23799
 μ L dispensed: 10 from 36, 5 from 37, 20 from 33
=====

Repl	SampleConc	StdConc	BlncCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.653	-0.653	0.002	0.003	0.010	11:14:16	No

=====

=====

Element: As AS Loc.: 2 Date: 09/28/2001

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	20.31	20.31	0.114	0.116	0.015	11:16:54	No

QC value within specified limits.

=====

Element: As AS Loc.: 3 Date: 09/28/2001

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	-1.018	-1.018	0.000	0.001	0.007	11:19:32	No