

Sample Information File Untitled

Description : ASF 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 24046 - Initial spike fail

7 24046DUP

8 24047

9 24048

10 24049

11 24050

12 24051

13 24052

14 24137

15 24145

16 24214 - 91 OK

17 24215

18 24216

19 24217

20 24218

21 24219

22 24220

DATE ANALYZED 10/4/01
 TIME ANALYZED 10:08 AM
 ANALYST INITIALS LD
 REVIEWED BY AB

QC Reviewed by,
 CB 11/7/01
 11/7/01

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

Date: 10/04/2001
 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: 10/04/2001
 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			0.000	0.000	0.038	10:08:38	No

Auto-zero performed.

Element: As AS Loc.: 38 Date: 10/04/2001
 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			0.058	0.059	0.029	10:11:16	No

Standard number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0058

Element: As AS Loc.: 38 Date: 10/04/2001
 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			0.110	0.110	0.032	10:13:58	No

Standard number 2 applied. [20]

Correlation Coefficient: 0.9993

Slope: 0.0055

Element: As AS Loc.: 38 Date: 10/04/2001
 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			0.158	0.159	0.034	10:16:40	No

Standard number 3 applied. [30]

Correlation Coefficient: 0.9991

Slope: 0.0053

=====
 Element: As AS Loc.: 38 Date: 10/04/2001

Sample ID: S40

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

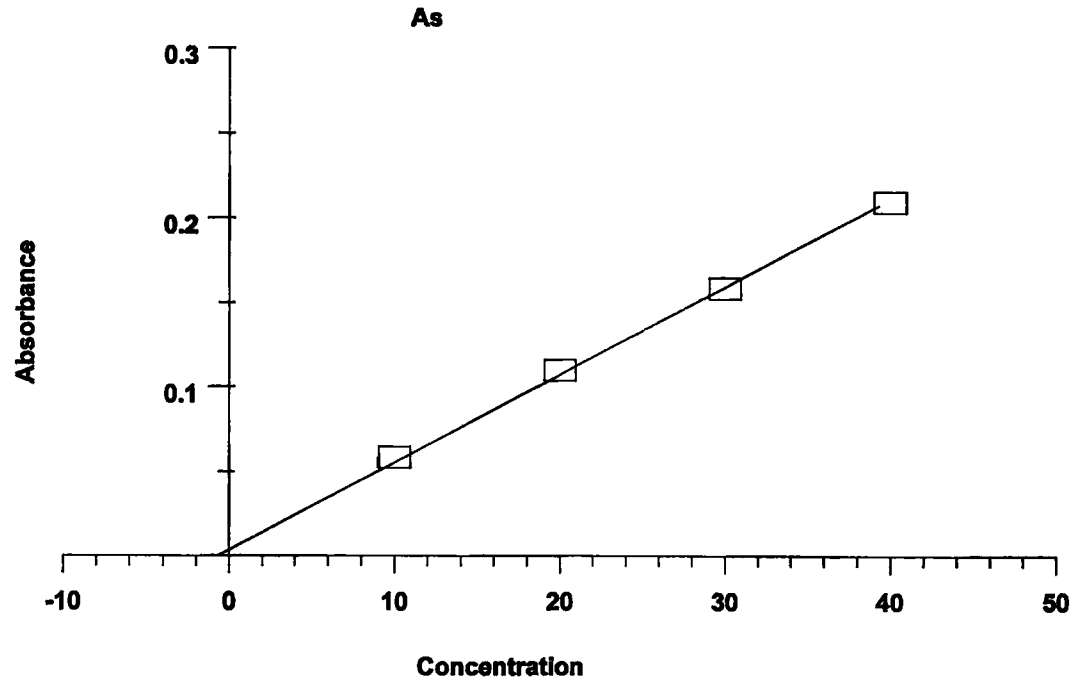
 Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
 # µg/L µg/L Signal Area Area Stored
 1 0.210 0.210 0.037 10:19:23 No

The calibration curve may not be linear.

Standard number 4 applied. [40]

Correlation Coefficient: 0.9994

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	----	-0.661	----	----
S10	0.058	10	10.60	----	----
S20	0.110	20	20.49	----	----
S30	0.158	30	29.85	----	----
S40	0.210	40	39.71	----	----

Correlation Coefficient: 0.99943 Slope: 0.00519 Intercept: 0.003

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

Date: 10/04/2001

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:

Element: As AS Loc.: 1 Date: 10/04/2001

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	9.686	9.686	0.054	0.054	0.024	10:25:54	No

QC value within specified limits.

Element: As AS Loc.: 2 Date: 10/04/2001

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	20.33	20.33	0.109	0.109	0.025	10:28:31	No

QC value within specified limits.

Element: As AS Loc.: 3 Date: 10/04/2001

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	-0.151	-0.151	0.003	0.003	0.017	10:31:08	No

Element: As AS Loc.: 4 Date: 10/04/2001

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	40.15	40.15	0.212	0.212	0.033	10:33:45	No

QC value within specified limits.

Element: As AS Loc.: 5 Date: 10/04/2001

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	-0.325	-0.325	0.002	0.002	0.016	10:36:22	No

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=====
Method Name: AsHGA           Element: As
Method Description: AsHga SM 3113 B
    
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Date: 10/04/2001
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:
    
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Element: As   AS Loc.: 6   Date: 10/04/2001
Sample ID: 24046
µL dispensed: 10 from 36, 5 from 37, 20 from 6
    
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Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	8.658	8.658	0.048	0.049	0.039	11:09:28	No

=====
Element: As AS Loc.: 6 Date: 10/04/2001
Sample ID: 24046
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	19.95	19.95	0.107	0.107	0.025	11:12:05	No

Recovery is 56.5% (outside of specified limits)

=====
Element: As AS Loc.: 6 Date: 10/04/2001
Sample ID: 24046
µL dispensed: 25 from 36, 5 from 37, 5 from 6
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-1.514	-0.378	0.001	0.002	0.015	11:14:42	No

=====
Element: As AS Loc.: 6 Date: 10/04/2001
Sample ID: 24046
µL dispensed: 15 from 36, 5 from 37, 10 from 38, 5 from 6
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	84.49	21.12	0.113	0.113	0.025	11:17:29	No

Recovery is 105.6%

=====
Element: As AS Loc.: 7 Date: 10/04/2001
Sample ID: 24046DUP
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	0.067	0.067	0.004	0.004	0.015	11:20:08	No

=====
Element: As AS Loc.: 8 Date: 10/04/2001
Sample ID: 24047
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	-0.307	-0.307	0.002	0.002	0.016	11:22:50	No

=====
Element: As AS Loc.: 9 Date: 10/04/2001
Sample ID: 24048
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	0.213	0.213	0.005	0.005	0.015	11:25:33	No

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=====
Element: As      AS Loc.: 10   Date: 10/04/2001
Sample ID: 24049
µL dispensed: 10 from 36, 5 from 37, 20 from 10
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Repl  SampleConc  StndConc  BlnkCorr  Peak      Bkgnd      Time      Peak
#      µg/L      µg/L      Signal    Area       Area       Stored
1      -0.083     -0.083    0.003     0.003      0.017      11:28:17  No
-----
Element: As      AS Loc.: 11   Date: 10/04/2001
Sample ID: 24050
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      0.469      0.469     0.006     0.006      0.013      11:31:02  No
-----
Element: As      AS Loc.: 12   Date: 10/04/2001
Sample ID: 24051
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      0.267      0.267     0.005     0.005      0.014      11:33:48  No
-----
Element: As      AS Loc.: 2    Date: 10/04/2001
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      20.53      20.53     0.110     0.110      0.019      11:36:30  No
QC value within specified limits.
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=====
Element: As      AS Loc.: 3    Date: 10/04/2001
Sample ID: cb
µL dispensed: 10 from 36, 5 from 37, 20 from 3
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Repl  SampleConc  StndConc  BlnkCorr  Peak      Bkgnd      Time      Peak
#      µg/L      µg/L      Signal    Area       Area       Stored
1      -0.072     -0.072    0.003     0.003      0.012      11:39:06  No
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Element: As      AS Loc.: 13   Date: 10/04/2001
Sample ID: 24052
µL dispensed: 10 from 36, 5 from 37, 20 from 13
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Repl  SampleConc  StndConc  BlnkCorr  Peak      Bkgnd      Time      Peak
#      µg/L      µg/L      Signal    Area       Area       Stored
1      -0.298     -0.298    0.002     0.002      0.015      11:41:49  No
-----

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=====
Element: As AS Loc.: 14 Date: 10/04/2001

Sample ID: 24137

 μ L dispensed: 10 from 36, 5 from 37, 20 from 14-----

Repl	SampleConc	StdConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.134	-0.134	0.003	0.003	0.018	11:44:34	No

=====
Element: As AS Loc.: 15 Date: 10/04/2001

Sample ID: 24145

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

Repl	SampleConc	StdConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.395	-0.395	0.001	0.002	0.015	11:47:19	No

=====
Element: As AS Loc.: 16 Date: 10/04/2001

Sample ID: 24214

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

Repl	SampleConc	StdConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.508	-0.508	0.001	0.001	0.016	11:50:03	No

=====
Element: As AS Loc.: 16 Date: 10/04/2001

Sample ID: 24214

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

Repl	SampleConc	StdConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	20.37	20.37	0.109	0.109	0.020	11:52:48	No

Recovery is 101.9%

=====
Element: As AS Loc.: 17 Date: 10/04/2001

Sample ID: 24215

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

Repl	SampleConc	StdConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	0.098	0.098	0.004	0.004	0.015	11:55:30	No

=====
Element: As AS Loc.: 18 Date: 10/04/2001

Sample ID: 24216

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

Repl	SampleConc	StdConc	BlnkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	0.414	0.414	0.006	0.006	0.013	11:58:11	No

=====
Element: As AS Loc.: 19 Date: 10/04/2001

Sample ID: 24217

 μ L dispensed: 10 from 36, 5 from 37, 20 from 19-----

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	0.347	0.347	0.005	0.005	0.016	12:00:52	No

=====
Element: As AS Loc.: 20 Date: 10/04/2001

Sample ID: 24218

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

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	0.092	0.092	0.004	0.004	0.015	12:03:30	No

=====
Element: As AS Loc.: 21 Date: 10/04/2001

Sample ID: 24219

 μ L dispensed: 10 from 36, 5 from 37, 20 from 21-----

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	-0.041	-0.041	0.003	0.003	0.013	12:06:08	No

=====
Element: As AS Loc.: 2 Date: 10/04/2001

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	20.40	20.40	0.109	0.110	0.019	12:08:46	No

QC value within specified limits.

=====
Element: As AS Loc.: 3 Date: 10/04/2001

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	-0.017	-0.017	0.003	0.003	0.009	12:11:23	No

=====
Element: As AS Loc.: 22 Date: 10/04/2001

Sample ID: 24220

 μ L dispensed: 10 from 36, 5 from 37, 20 from 22-----

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1	0.303	0.303	0.005	0.005	0.013	12:14:01	No

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

Date: 10/04/2001

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:

Element: As AS Loc.: 2 Date: 10/04/2001

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	19.76	19.76	0.106	0.106	0.020	12:18:42	No

QC value within specified limits.

Element: As AS Loc.: 3 Date: 10/04/2001

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	0.011	0.011	0.003	0.004	0.009	12:21:20	No

Element: As AS Loc.: 23 Date: 10/04/2001

Sample ID: Sample023

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	-0.727	-0.727	0.000	0.000	0.011	12:23:57	No