

Sample Information File Untitled

Description : PbF 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 23027			
7 23027DUP			
8 23663			
9 23318			
10 23319			
11 23320			
12 23321			
13 23322			
14 23323			
15 23324			
16 23028			
17 23325			
18 23326			

not def

No sheet

not def

DATE ANALYZED 9/28/01
 TIME ANALYZED 5:39PM
 ANALYST INITIALS LD
 REVIEWED BY [Signature]

batch 14619

QC Reviewed by,
 [Signature] 9/28/01

Method Name: PbHgaLow Element: Pb
 Method Description: Pbhga SM3113 B

Date: 09/28/2001
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 283.3 nm Slit Width: 0.70 nm
 Lamp Current: 10 Energy: 58
 Sample Info File: Untitled Results Data Set:

Element: Pb Seq. No.: 214 AS Loc.: 36 Date: 09/28/2001
 Sample ID: Calib Blank
 µL dispensed: 12 from 36, 5 from 37, 24 from 36
 µL dispensed: 12 from 36, 5 from 37, 24 from 36

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.008	0.011	0.020	0.004	0.007	17:39:20	No

Element: Pb Seq. No.: 214 AS Loc.: 36 Date: 09/28/2001
 Sample ID: Calib Blank
 µL dispensed: 12 from 36, 5 from 37, 24 from 36
 µL dispensed: 12 from 36, 5 from 37, 24 from 36

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.011	0.014	0.018	0.003	0.006	17:53:21	No

Auto-zero performed.

Element: Pb Seq. No.: 215 AS Loc.: 38 Date: 09/28/2001
 Sample ID: S1
 µL dispensed: 33 from 36, 5 from 37, 3 from 38
 µL dispensed: 33 from 36, 5 from 37, 3 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.018	0.032	0.046	0.010	0.013	17:57:36	No

Standard number 1 applied. [1]
 Correlation Coefficient: 1.0000 Slope: 0.0175

Element: Pb Seq. No.: 216 AS Loc.: 38 Date: 09/28/2001
 Sample ID: S2
 µL dispensed: 30 from 36, 5 from 37, 6 from 38
 µL dispensed: 30 from 36, 5 from 37, 6 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.036	0.050	0.068	0.013	0.019	18:01:56	No

Standard number 2 applied. [2]
 Correlation Coefficient: 0.9999 Slope: 0.0180

Element: Pb Seq. No.: 217 AS Loc.: 38 Date: 09/28/2001

Sample ID: S4

µL dispensed: 24 from 36, 5 from 37, 12 from 38

µL dispensed: 24 from 36, 5 from 37, 12 from 38

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.068	0.083	0.111	0.022	0.030	18:06:17	No

Standard number 3 applied. [4]

Correlation Coefficient: 0.9996

Slope: 0.0171

Element: Pb Seq. No.: 218 AS Loc.: 38 Date: 09/28/2001

Sample ID: S8

µL dispensed: 12 from 36, 5 from 37, 24 from 38

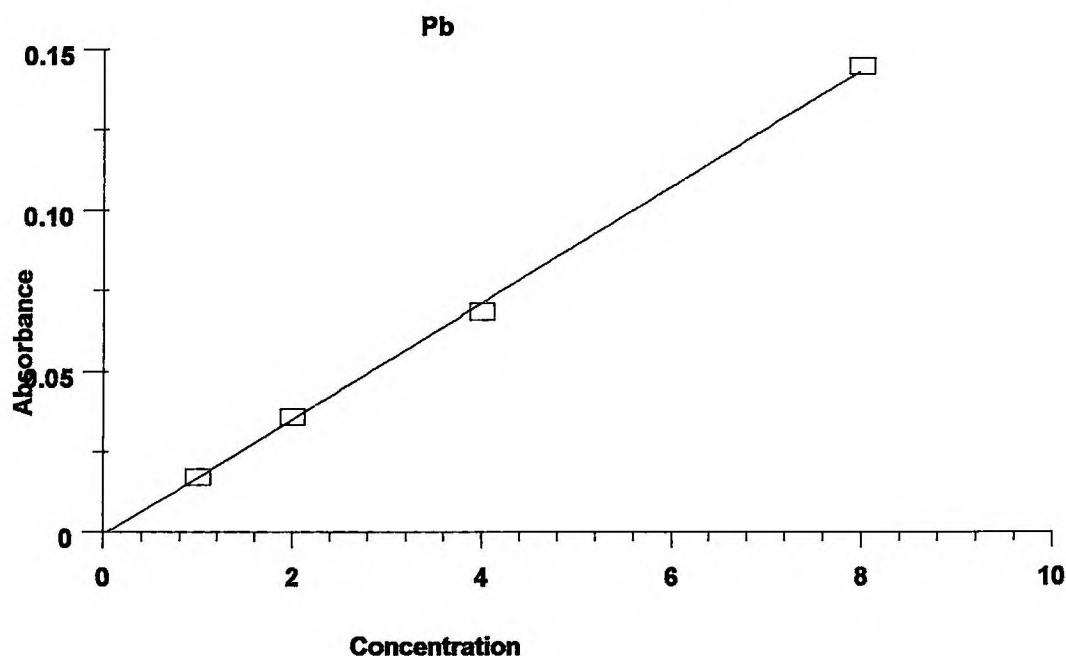
µL dispensed: 12 from 36, 5 from 37, 24 from 38

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.144	0.159	0.177	0.043	0.053	18:10:39	No

Standard number 4 applied. [8]

Correlation Coefficient: 0.9996

Slope: 0.0180



Calibration data for Pb

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	0.0359	----	----
S1	0.018	1	1.011	----	----
S2	0.036	2	2.041	----	----
S4	0.068	4	3.847	----	----
S8	0.144	8	8.065	----	----

Correlation Coefficient: 0.99962 Slope: 0.01797 Intercept: -0.001

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Element: Pb Seq. No.: 219 AS Loc.: 1 Date: 09/28/2001

Sample ID: QCS

µL dispensed: 12 from 36, 5 from 37, 24 from 1

µL dispensed: 12 from 36, 5 from 37, 24 from 1

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Repl	SampleConc	StndConc	Blncorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	4.435	4.435	0.079	0.093	0.114	0.030	0.034	18:17:53	No

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

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Element: Pb Seq. No.: 220 AS Loc.: 1 Date: 09/28/2001

Sample ID: QCS

µL dispensed: 12 from 36, 5 from 37, 24 from 1

µL dispensed: 12 from 36, 5 from 37, 24 from 1

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Repl	SampleConc	StndConc	Blncorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	5.167	5.167	0.092	0.106	0.138	0.029	0.040	18:22:05	No

QC value within specified limits.

=====

Element: Pb Seq. No.: 221 AS Loc.: 2 Date: 09/28/2001

Sample ID: IPC

µL dispensed: 12 from 36, 5 from 37, 24 from 2

µL dispensed: 12 from 36, 5 from 37, 24 from 2

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Repl	SampleConc	StndConc	Blncorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	4.950	4.950	0.088	0.103	0.139	0.029	0.040	18:26:14	No

QC value within specified limits.

=====

Element: Pb Seq. No.: 222 AS Loc.: 3 Date: 09/28/2001

Sample ID: CB

µL dispensed: 12 from 36, 5 from 37, 24 from 3

µL dispensed: 12 from 36, 5 from 37, 24 from 3

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Repl	SampleConc	StndConc	Blncorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	0.0069	0.0069	-0.001	0.014	0.020	0.003	0.007	18:30:24	No

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Element: Pb Seq. No.: 223 AS Loc.: 4 Date: 09/28/2001

Sample ID: LFB

µL dispensed: 12 from 36, 5 from 37, 24 from 4

µL dispensed: 12 from 36, 5 from 37, 24 from 4

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	61.63	61.63	1.107	1.121	1.139	0.616	1.041	18:34:36	No

Sample absorbance is greater than that of the highest standard.

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

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Element: Pb Seq. No.: 224 AS Loc.: 4 Date: 09/28/2001

Sample ID: LFB

µL dispensed: 12 from 36, 5 from 37, 24 from 4

µL dispensed: 12 from 36, 5 from 37, 24 from 4

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	7.242	7.242	0.129	0.144	0.201	0.042	0.060	18:38:46	No

QC value within specified limits.

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Element: Pb Seq. No.: 225 AS Loc.: 5 Date: 09/28/2001

Sample ID: LRB

µL dispensed: 12 from 36, 5 from 37, 24 from 5

µL dispensed: 12 from 36, 5 from 37, 24 from 5

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.0696	0.0696	0.001	0.015	0.022	0.003	0.006	18:42:59	No

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Element: Pb Seq. No.: 226 AS Loc.: 8 Date: 09/28/2001

Sample ID: 23663

µL dispensed: 12 from 36, 5 from 37, 24 from 8

µL dispensed: 12 from 36, 5 from 37, 24 from 8

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-0.0591	-0.0591	-0.002	0.013	0.013	0.572	0.456	18:47:34	No

Method Name: PbHgaLow Element: Pb
 Method Description: Pbhga SM3113 B

Date: 09/28/2001
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 283.3 nm Slit Width: 0.70 nm
 Lamp Current: 10 Energy: 58
 Sample Info File: Untitled Results Data Set:

Element: Pb Seq. No.: 227 AS Loc.: 6 Date: 09/28/2001
 Sample ID: 23027
 µL dispensed: 12 from 36, 5 from 37, 24 from 6
 µL dispensed: 12 from 36, 5 from 37, 24 from 6

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	3.164	3.164	0.056	0.071	0.065	0.086	0.033	18:52:29	No

Element: Pb Seq. No.: 228 AS Loc.: 6 Date: 09/28/2001
 Sample ID: 23027
 µL dispensed: 5 from 37, 12 from 38, 24 from 6
 µL dispensed: 5 from 37, 12 from 38, 24 from 6

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.269	4.269	0.076	0.090	0.096	0.072	0.031	18:56:39	No

Recovery is 27.6% (outside of specified limits)

Element: Pb Seq. No.: 229 AS Loc.: 6 Date: 09/28/2001
 Sample ID: 23027
 µL dispensed: 30 from 36, 5 from 37, 6 from 6
 µL dispensed: 30 from 36, 5 from 37, 6 from 6

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	3.567	0.8918	0.015	0.030	0.037	0.032	0.013	19:00:55	No

Element: Pb Seq. No.: 230 AS Loc.: 6 Date: 09/28/2001
 Sample ID: 23027
 µL dispensed: 18 from 36, 5 from 37, 12 from 38, 6 from 6
 µL dispensed: 18 from 36, 5 from 37, 12 from 38, 6 from 6

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	11.94	2.985	0.053	0.067	0.081	0.027	0.027	19:05:23	No

Recovery is 52.3% (outside of specified limits)

Element: Pb Seq. No.: 231 AS Loc.: 7 Date: 09/28/2001
 Sample ID: 23027DUP
 µL dispensed: 12 from 36, 5 from 37, 24 from 7
 µL dispensed: 12 from 36, 5 from 37, 24 from 7

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	2.775	2.775	0.049	0.064	0.070	0.090	0.038	19:09:39	No

Element: Pb Seq. No.: 232 AS Loc.: 9 Date: 09/28/2001

Sample ID: 23318

µL dispensed: 12 from 36, 5 from 37, 24 from 9

µL dispensed: 12 from 36, 5 from 37, 24 from 9

Repl	SampleConc	StdConc	Blncorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	0.0437	0.0437	0.000	0.014	0.023	0.006	0.009	19:14:00	No

Element: Pb Seq. No.: 233 AS Loc.: 10 Date: 09/28/2001

Sample ID: 23319

µL dispensed: 12 from 36, 5 from 37, 24 from 10

µL dispensed: 12 from 36, 5 from 37, 24 from 10

Repl	SampleConc	StdConc	Blncorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	0.0683	0.0683	0.001	0.015	0.024	0.003	0.007	19:18:25	No

Element: Pb Seq. No.: 234 AS Loc.: 11 Date: 09/28/2001

Sample ID: 23320

µL dispensed: 12 from 36, 5 from 37, 24 from 11

µL dispensed: 12 from 36, 5 from 37, 24 from 11

Repl	SampleConc	StdConc	Blncorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	0.3605	0.3605	0.006	0.020	0.033	0.004	0.010	19:22:50	No

Method Name: PbHgaLow Element: Pb
Method Description: Pbhga SM3113 B

Date: 09/28/2001
Technique: Furnace Calibration Equation: Calc. Intercept: Linear
Wavelength: 283.3 nm Slit Width: 0.70 nm
Lamp Current: 10 Energy: 58
Sample Info File: Untitled Results Data Set:

Element: Pb Seq. No.: 235 AS Loc.: 2 Date: 09/28/2001

Sample ID: IPC

µL dispensed: 12 from 36, 5 from 37, 24 from 2

µL dispensed: 12 from 36, 5 from 37, 24 from 2

Repl	SampleConc	StdConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	5.032	5.032	0.090	0.104	0.174	0.030	0.051	19:27:50	No

QC value within specified limits.

Element: Pb Seq. No.: 236 AS Loc.: 3 Date: 09/28/2001

Sample ID: CB

µL dispensed: 12 from 36, 5 from 37, 24 from 3

µL dispensed: 12 from 36, 5 from 37, 24 from 3

Repl	SampleConc	StdConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-0.0365	-0.0365	-0.001	0.013	0.023	0.004	0.009	19:32:03	No