

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 24048			
7 24048DUP			
8 24049			
9 24050			
10 24051			
11 24052			
12 24214			
13 24215			
14 24216			
15 24217			
16 24218 - spike pass			
17 24219			
18 24220			
19 24287			
20 24288			
21 24289			
22 24290			
23 24291			
24 24292			
25 24293			
26 24395 - spike pass			
27 24395DUP			
28 24396			
29 24397			
30 24398			
31 24399			
32 24400			
33 24401			
34 24472			
35 24473 - spike fail			

Results
 Not Reported
 why?

batches 14772-74

All DEP

DATE ANALYZED 10/9/01
 TIME ANALYZED 8:43AM
 ANALYST INITIALS LP
 REVIEWED BY

QC Reviewed by,
 JB 11/6/01

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

Date: 10/09/2001
 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.: 1 AS Loc.: 36 Date: 10/09/2001
 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	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.019	0.019	0.027	0.010	0.010	08:43:36	No

Auto-zero performed.

Element: Pb Seq. No.: 2 AS Loc.: 36 Date: 10/09/2001
 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	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			-0.006	0.013	0.019	0.005	0.007	08:51:25	No

Auto-zero performed.

Element: Pb Seq. No.: 3 AS Loc.: 38 Date: 10/09/2001
 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	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.023	0.036	0.048	0.011	0.016	08:55:39	No

Standard number 1 applied. [1]
 Correlation Coefficient: 1.0000 Slope: 0.0232

Element: Pb Seq. No.: 4 AS Loc.: 38 Date: 10/09/2001
 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	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.041	0.054	0.072	0.018	0.025	09:00:00	No

Standard number 2 applied. [2]
 Correlation Coefficient: 0.9968 Slope: 0.0204

=====

Element: Pb Seq. No.: 5 AS Loc.: 38 Date: 10/09/2001

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	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.073	0.086	0.119	0.030	0.039	09:04:20	No

Standard number 3 applied. [4]

Correlation Coefficient: 0.9963

Slope: 0.0179

=====

Element: Pb Seq. No.: 6 AS Loc.: 38 Date: 10/09/2001

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

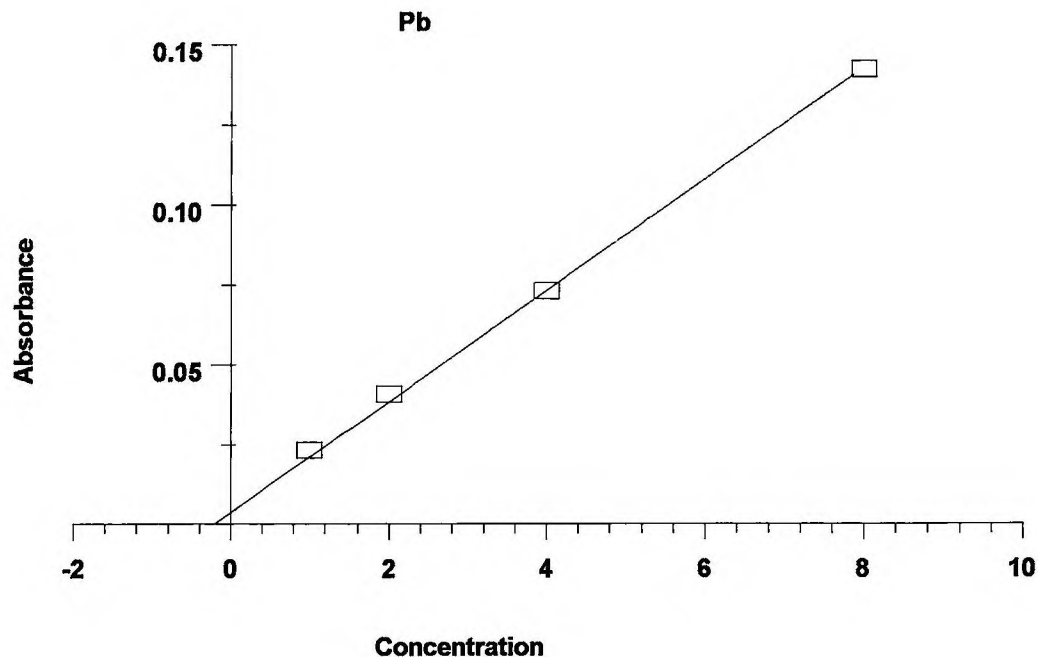
Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.142	0.155	0.209	0.051	0.071	09:08:39	No

The calibration curve may not be linear.

Standard number 4 applied. [8]

Correlation Coefficient: 0.9990

Slope: 0.0174



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	----	-0.2052	----	----
S1	0.023	1	1.127	----	----
S2	0.041	2	2.136	----	----
S4	0.073	4	3.983	----	----
S8	0.142	8	7.958	----	----
Correlation Coefficient: 0.99901		Slope:	0.01743	Intercept: 0.004	

=====
 Element: Pb Seq. No.: 7 AS Loc.: 1 Date: 10/09/2001

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.318	5.318	0.096	0.109	0.143	0.039	0.048	09:26:19	No

QC value within specified limits.

=====
 Element: Pb Seq. No.: 8 AS Loc.: 2 Date: 10/09/2001

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 µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.156	5.156	0.093	0.106	0.146	0.037	0.049	09:30:28	No

QC value within specified limits.

=====
 Element: Pb Seq. No.: 9 AS Loc.: 3 Date: 10/09/2001

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 µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.3219	-0.3219	-0.002	0.011	0.020	0.005	0.008	09:34:40	No

=====
 Element: Pb Seq. No.: 10 AS Loc.: 4 Date: 10/09/2001

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	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	7.411	7.411	0.133	0.146	0.212	0.048	0.071	09:38:51	No

QC value within specified limits.

=====
 Element: Pb Seq. No.: 11 AS Loc.: 5 Date: 10/09/2001

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	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2793	-0.2793	-0.001	0.011	0.020	0.006	0.007	09:43:01	No

=====
 Element: Pb Seq. No.: 12 AS Loc.: 6 Date: 10/09/2001

Sample ID: 24048

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	-0.1354	-0.1354	0.001	0.014	0.021	0.008	0.009	09:47:15	No

=====
 Element: Pb Seq. No.: 13 AS Loc.: 6 Date: 10/09/2001
 Sample ID: 24048
 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	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	2.461	2.461	0.046	0.059	0.083	0.021	0.027	09:51:26	No

Recovery is 61.5% (outside of specified limits)

=====
 Element: Pb Seq. No.: 14 AS Loc.: 6 Date: 10/09/2001
 Sample ID: 24048
 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	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.8320	-0.2080	0.000	0.013	0.022	0.005	0.008	09:55:41	No

=====
 Element: Pb Seq. No.: 15 AS Loc.: 6 Date: 10/09/2001
 Sample ID: 24048
 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	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	13.69	3.422	0.063	0.076	0.119	0.026	0.040	10:00:13	No

Recovery is 85.6%

=====
 Element: Pb Seq. No.: 16 AS Loc.: 7 Date: 10/09/2001
 Sample ID: 24048DUP
 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	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.0337	-0.0337	0.003	0.016	0.023	0.008	0.008	10:04:29	No

=====
 Element: Pb Seq. No.: 17 AS Loc.: 8 Date: 10/09/2001
 Sample ID: 24049
 µL dispensed: 12 from 36, 5 from 37, 24 from 8
 µL dispensed: 12 from 36, 5 from 37, 24 from 8
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	1.764	1.764	0.034	0.047	0.063	0.016	0.022	10:08:51	No

Results not yet reported.

=====
 Element: Pb Seq. No.: 18 AS Loc.: 9 Date: 10/09/2001
 Sample ID: 24050
 µL dispensed: 12 from 36, 5 from 37, 24 from 9
 µL dispensed: 12 from 36, 5 from 37, 24 from 9
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2355	-0.2355	-0.001	0.012	0.020	0.011	0.009	10:13:14	No

=====
 Element: Pb Seq. No.: 19 AS Loc.: 10 Date: 10/09/2001

Sample ID: 24051

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

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2548	-0.2548	-0.001	0.012	0.022	0.008	0.008	10:17:39	No

=====
 Element: Pb Seq. No.: 20 AS Loc.: 11 Date: 10/09/2001

Sample ID: 24052

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

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.0760	-0.0760	0.002	0.015	0.022	0.008	0.008	10:22:05	No

=====
 Element: Pb Seq. No.: 21 AS Loc.: 12 Date: 10/09/2001

Sample ID: 24214

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

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

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.4886	-0.4886	-0.005	0.008	0.014	0.007	0.006	10:26:31	No

=====
 Element: Pb Seq. No.: 22 AS Loc.: 2 Date: 10/09/2001

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 µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.039	4.039	0.074	0.087	0.134	0.028	0.042	10:30:45	No

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

=====
 Element: Pb Seq. No.: 23 AS Loc.: 2 Date: 10/09/2001

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 µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.122	4.122	0.075	0.088	0.127	0.026	0.040	10:34:58	No

QC out of limits. Current analytical sequence continued.

=====
 Element: Pb Seq. No.: 24 AS Loc.: 3 Date: 10/09/2001

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 µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4366	-0.4366	-0.004	0.009	0.017	0.005	0.007	10:39:09	No

=====

Element: Pb Seq. No.: 25 AS Loc.: 13 Date: 10/09/2001

Sample ID: 24215

µL dispensed: 12 from 36, 5 from 37, 24 from 13

µL dispensed: 12 from 36, 5 from 37, 24 from 13

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-0.4533	-0.4533	-0.004	0.008	0.016	0.005	0.005	10:43:31	No

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

Date: 10/09/2001
 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.: 26 AS Loc.: 2 Date: 10/09/2001
 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 µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.186	4.186	0.077	0.089	0.141	0.030	0.045	10:51:15	No

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

Element: Pb Seq. No.: 27 AS Loc.: 2 Date: 10/09/2001
 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 µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.001	4.001	0.073	0.086	0.146	0.036	0.058	10:55:28	No

QC out of limits. Current analytical sequence continued.

```

=====
Element: Pb      Seq. No.: 28      AS Loc.: 2      Date: 10/09/2001
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	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	4.254	4.254	0.078	0.091	0.147	0.039	0.062	11:00:24	No

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

=====

Element: Pb Seq. No.: 29 AS Loc.: 2 Date: 10/09/2001

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 µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.432	5.432	0.098	0.111	0.188	0.046	0.076	11:08:02	No

QC value within specified limits.

=====

Element: Pb Seq. No.: 30 AS Loc.: 3 Date: 10/09/2001

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 µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4753	-0.4753	-0.005	0.008	0.019	0.004	0.008	11:12:12	No

=====

Element: Pb Seq. No.: 31 AS Loc.: 14 Date: 10/09/2001

Sample ID: 24216

µL dispensed: 12 from 36, 5 from 37, 24 from 14

µL dispensed: 12 from 36, 5 from 37, 24 from 14

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.3481	-0.3481	-0.002	0.010	0.022	0.012	0.010	11:16:34	No

=====

Element: Pb Seq. No.: 32 AS Loc.: 15 Date: 10/09/2001

Sample ID: 24217

µL dispensed: 12 from 36, 5 from 37, 24 from 15

µL dispensed: 12 from 36, 5 from 37, 24 from 15

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2738	-0.2738	-0.001	0.012	0.020	0.011	0.009	11:21:02	No

=====

Element: Pb Seq. No.: 33 AS Loc.: 16 Date: 10/09/2001

Sample ID: 24218

µL dispensed: 12 from 36, 5 from 37, 24 from 16

µL dispensed: 12 from 36, 5 from 37, 24 from 16

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2799	-0.2799	-0.001	0.011	0.023	0.010	0.009	11:25:24	No

=====

Element: Pb Seq. No.: 34 AS Loc.: 16 Date: 10/09/2001

Sample ID: 24218

µL dispensed: 5 from 37, 12 from 38, 24 from 16

µL dispensed: 5 from 37, 12 from 38, 24 from 16

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	3.226	3.226	0.060	0.073	0.096	0.028	0.041	11:29:50	No

Recovery is 80.7%

=====
 Element: Pb Seq. No.: 35 AS Loc.: 17 Date: 10/09/2001

Sample ID: 24219

µL dispensed: 12 from 36, 5 from 37, 24 from 17

µL dispensed: 12 from 36, 5 from 37, 24 from 17

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2544	-0.2544	-0.001	0.012	0.020	0.006	0.007	11:34:09	No

=====
 Element: Pb Seq. No.: 36 AS Loc.: 18 Date: 10/09/2001

Sample ID: 24220

µL dispensed: 12 from 36, 5 from 37, 24 from 18

µL dispensed: 12 from 36, 5 from 37, 24 from 18

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.3780	-0.3780	-0.003	0.010	0.020	0.010	0.008	11:38:26	No

=====
 Element: Pb Seq. No.: 37 AS Loc.: 19 Date: 10/09/2001

Sample ID: 24287

µL dispensed: 12 from 36, 5 from 37, 24 from 19

µL dispensed: 12 from 36, 5 from 37, 24 from 19

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4235	-0.4235	-0.004	0.009	0.018	0.008	0.007	11:42:42	No

=====
 Element: Pb Seq. No.: 38 AS Loc.: 20 Date: 10/09/2001

Sample ID: 24288

µL dispensed: 12 from 36, 5 from 37, 24 from 20

µL dispensed: 12 from 36, 5 from 37, 24 from 20

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4450	-0.4450	-0.004	0.009	0.017	0.007	0.008	11:46:56	No

=====
 Element: Pb Seq. No.: 39 AS Loc.: 21 Date: 10/09/2001

Sample ID: 24289

µL dispensed: 12 from 36, 5 from 37, 24 from 21

µL dispensed: 12 from 36, 5 from 37, 24 from 21

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.6950	0.6950	0.016	0.028	0.043	0.014	0.017	11:51:07	No

Element: Pb Seq. No.: 40 AS Loc.: 2 Date: 10/09/2001

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 µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.574	5.574	0.101	0.114	0.181	0.038	0.059	11:55:17	No

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

Element: Pb Seq. No.: 41 AS Loc.: 2 Date: 10/09/2001

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 µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.230	5.230	0.095	0.108	0.174	0.036	0.057	11:59:28	No

QC value within specified limits.

Element: Pb Seq. No.: 42 AS Loc.: 3 Date: 10/09/2001

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 µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.3166	-0.3166	-0.002	0.011	0.021	0.004	0.006	12:03:38	No

Element: Pb Seq. No.: 43 AS Loc.: 22 Date: 10/09/2001

Sample ID: 24290

µL dispensed: 12 from 36, 5 from 37, 24 from 22

µL dispensed: 12 from 36, 5 from 37, 24 from 22

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.2757	0.2757	0.008	0.021	0.032	0.010	0.011	12:07:49	No

Element: Pb Seq. No.: 44 AS Loc.: 23 Date: 10/09/2001

Sample ID: 24291

µL dispensed: 12 from 36, 5 from 37, 24 from 23

µL dispensed: 12 from 36, 5 from 37, 24 from 23

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.1239	-0.1239	0.001	0.014	0.025	0.008	0.011	12:12:02	No

Element: Pb Seq. No.: 45 AS Loc.: 24 Date: 10/09/2001

Sample ID: 24292

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

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

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.0352	0.0352	0.004	0.017	0.024	0.007	0.009	12:16:13	No

=====
 Element: Pb Seq. No.: 46 AS Loc.: 25 Date: 10/09/2001

Sample ID: 24293

µL dispensed: 12 from 36, 5 from 37, 24 from 25

µL dispensed: 12 from 36, 5 from 37, 24 from 25

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2307	-0.2307	0.000	0.012	0.022	0.020	0.010	12:20:28	No

=====
 Element: Pb Seq. No.: 47 AS Loc.: 26 Date: 10/09/2001

Sample ID: 24395

µL dispensed: 12 from 36, 5 from 37, 24 from 26

µL dispensed: 12 from 36, 5 from 37, 24 from 26

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.1738	-0.1738	0.001	0.013	0.029	0.010	0.009	12:24:47	No

=====
 Element: Pb Seq. No.: 48 AS Loc.: 26 Date: 10/09/2001

Sample ID: 24395

µL dispensed: 5 from 37, 12 from 38, 24 from 26

µL dispensed: 5 from 37, 12 from 38, 24 from 26

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	3.373	3.373	0.062	0.075	0.119	0.034	0.045	12:28:58	No

Recovery is 84.3%

=====
 Element: Pb Seq. No.: 49 AS Loc.: 27 Date: 10/09/2001

Sample ID: 24395DUP

µL dispensed: 12 from 36, 5 from 37, 24 from 27

µL dispensed: 12 from 36, 5 from 37, 24 from 27

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.5571	-0.5571	-0.006	0.007	0.018	0.008	0.008	12:33:22	No

=====
 Element: Pb Seq. No.: 50 AS Loc.: 28 Date: 10/09/2001

Sample ID: 24396

µL dispensed: 12 from 36, 5 from 37, 24 from 28

µL dispensed: 12 from 36, 5 from 37, 24 from 28

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2306	-0.2306	0.000	0.012	0.021	0.007	0.008	12:37:46	No

=====
 Element: Pb Seq. No.: 51 AS Loc.: 29 Date: 10/09/2001

Sample ID: 24397

µL dispensed: 12 from 36, 5 from 37, 24 from 29

µL dispensed: 12 from 36, 5 from 37, 24 from 29

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.7387	0.7387	0.016	0.029	0.047	0.015	0.017	12:42:15	No

=====
 Element: Pb Seq. No.: 52 AS Loc.: 30 Date: 10/09/2001

Sample ID: 24398

µL dispensed: 12 from 36, 5 from 37, 24 from 30

µL dispensed: 12 from 36, 5 from 37, 24 from 30

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.1697	0.1697	0.007	0.019	0.035	0.014	0.016	12:46:42	No

=====
 Element: Pb Seq. No.: 53 AS Loc.: 2 Date: 10/09/2001

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 µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.059	5.059	0.092	0.105	0.166	0.038	0.063	12:50:56	No

QC value within specified limits.

=====
 Element: Pb Seq. No.: 54 AS Loc.: 3 Date: 10/09/2001

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 µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4827	-0.4827	-0.005	0.008	0.018	0.004	0.009	12:55:08	No

=====
 Element: Pb Seq. No.: 55 AS Loc.: 31 Date: 10/09/2001

Sample ID: 24399

µL dispensed: 12 from 36, 5 from 37, 24 from 31

µL dispensed: 12 from 36, 5 from 37, 24 from 31

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2868	-0.2868	-0.001	0.011	0.025	0.010	0.011	12:59:34	No

=====
 Element: Pb Seq. No.: 56 AS Loc.: 32 Date: 10/09/2001

Sample ID: 24400

µL dispensed: 12 from 36, 5 from 37, 24 from 32

µL dispensed: 12 from 36, 5 from 37, 24 from 32

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.0580	-0.0580	0.003	0.015	0.030	0.011	0.012	13:03:57	No

=====
 Element: Pb Seq. No.: 57 AS Loc.: 33 Date: 10/09/2001

Sample ID: 24401

µL dispensed: 12 from 36, 5 from 37, 24 from 33

µL dispensed: 12 from 36, 5 from 37, 24 from 33

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2945	-0.2945	-0.002	0.011	0.023	0.009	0.009	13:08:16	No

=====
 Element: Pb Seq. No.: 58 AS Loc.: 34 Date: 10/09/2001

Sample ID: 24472

µL dispensed: 12 from 36, 5 from 37, 24 from 34

µL dispensed: 12 from 36, 5 from 37, 24 from 34

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.5464	-0.5464	-0.006	0.007	0.017	0.007	0.007	13:12:34	No

=====
 Element: Pb Seq. No.: 59 AS Loc.: 35 Date: 10/09/2001

Sample ID: 24473

µL dispensed: 12 from 36, 5 from 37, 24 from 35

µL dispensed: 12 from 36, 5 from 37, 24 from 35

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.5953	-0.5953	-0.007	0.006	0.017	0.007	0.008	13:16:50	No

=====
 Element: Pb Seq. No.: 60 AS Loc.: 35 Date: 10/09/2001

Sample ID: 24473

µL dispensed: 5 from 37, 12 from 38, 24 from 35

µL dispensed: 5 from 37, 12 from 38, 24 from 35

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	2.429	2.429	0.046	0.059	0.088	0.026	0.037	13:21:11	No

Recovery is 60.7% (outside of specified limits)

=====
 Element: Pb Seq. No.: 61 AS Loc.: 35 Date: 10/09/2001

Sample ID: 24473

µL dispensed: 30 from 36, 5 from 37, 6 from 35

µL dispensed: 30 from 36, 5 from 37, 6 from 35

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.920	-0.4799	-0.005	0.008	0.020	0.005	0.008	13:25:22	No

=====
 Element: Pb Seq. No.: 62 AS Loc.: 35 Date: 10/09/2001

Sample ID: 24473

µL dispensed: 18 from 36, 5 from 37, 12 from 38, 6 from 35

µL dispensed: 18 from 36, 5 from 37, 12 from 38, 6 from 35

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	16.43	4.108	0.075	0.088	0.148	0.034	0.053	13:29:56	No

Recovery is 102.7%

=====
 Element: Pb Seq. No.: 63 AS Loc.: 2 Date: 10/09/2001

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 µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.770	4.770	0.087	0.099	0.162	0.040	0.064	13:34:07	No

QC value within specified limits.

```

=====
Element: Pb      Seq. No.: 64      AS Loc.: 3      Date: 10/09/2001
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   StndConc   BlnkCorr   Peak   Peak   Bkgnd   Bkgnd   Time   Peak
#      µg/L          µg/L       Signal    Area   Height Area   Height                Stored
1      -0.4570       -0.4570   -0.004    0.008  0.019  0.004  0.007  13:38:17 No

```