

Sample Information File Untitled

Description : Se Pot 12/6/01
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 29444dup			
8 29446			
9 27133			
10 27149			
11 27150			
12 27154			
13 27156			
14 27170			
15 27172			
16 27174			
17 27232 ✓			
18 27233 ✓			
19 27309			
20 27311			
21 27313			
22 28141			
23 28143			
24 28145			
25 28147			
26 28149			
27 28149dup			
28 28151			
29 28153			
30 28155			
31 28157			
32 28159			
33 28161			
34 28163			
35 28263			
39 28265			
40 28267			

Reviewed by,
JB 3/4/02

Method Name: SeHGAP Element: Se
 Method Description: Sehga SM3113 B

Date: 12/06/2001
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 196.0 nm Slit Width: 2.00 nm
 Lamp Current: 0 Energy: 60
 Sample Info File: Untitled Results Data Set:

Element: Se Seq. No.: 74 AS Loc.: 36 Date: 12/06/2001

Sample ID: Calib Blank

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

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.002	0.002	0.009	0.030	0.015	11:31:12	No

Auto-zero performed.

Element: Se Seq. No.: 75 AS Loc.: 38 Date: 12/06/2001

Sample ID: S2

μL dispensed: 26 from 36, 5 from 37, 4 from 38

μL dispensed: 26 from 36, 5 from 37, 4 from 38

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.010	0.012	0.029	0.037	0.018	11:35:29	No

Standard number 1 applied. [2]

Correlation Coefficient: 1.0000

Slope: 0.0052

Element: Se Seq. No.: 76 AS Loc.: 38 Date: 12/06/2001

Sample ID: S4

μL dispensed: 22 from 36, 5 from 37, 8 from 38

μL dispensed: 22 from 36, 5 from 37, 8 from 38

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.022	0.024	0.050	0.038	0.024	11:39:51	No

Standard number 2 applied. [4]

Correlation Coefficient: 0.9997

Slope: 0.0055

Element: Se Seq. No.: 77 AS Loc.: 38 Date: 12/06/2001

Sample ID: S6

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

μL dispensed: 18 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			0.036	0.038	0.069	0.039	0.029	11:44:15	No

Standard number 3 applied. [6]

Correlation Coefficient: 0.9977

Slope: 0.0059

=====

Element: Se Seq. No.: 78 AS Loc.: 38 Date: 12/06/2001

Sample ID: S8

µL dispensed: 14 from 36, 5 from 37, 16 from 38

µL dispensed: 14 from 36, 5 from 37, 16 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.045	0.047	0.088	0.046	0.037	11:48:37	No

Standard number 4 applied. [8]

Correlation Coefficient: 0.9983

Slope: 0.0058

=====

Element: Se Seq. No.: 79 AS Loc.: 38 Date: 12/06/2001

Sample ID: S10

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

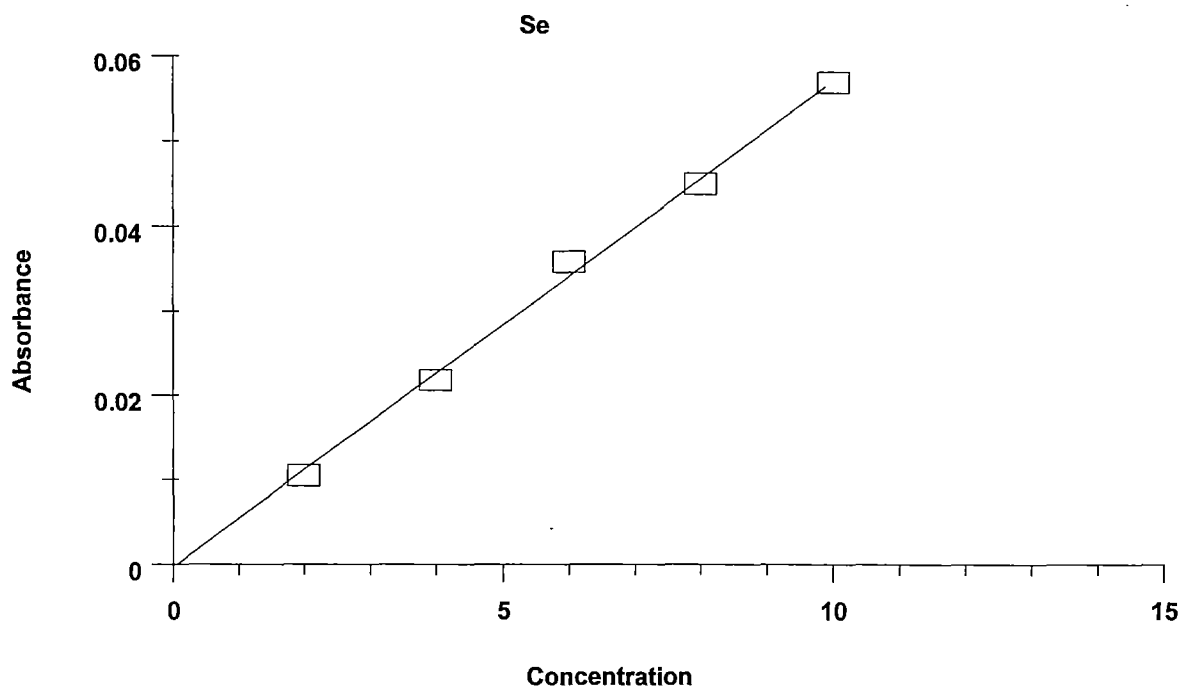
µL dispensed: 10 from 36, 5 from 37, 20 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.057	0.059	0.107	0.044	0.038	11:53:01	No

Standard number 5 applied. [10]

Correlation Coefficient: 0.9990

Slope: 0.0057



Calibration data for Se

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	0.0652	----	----
S2	0.010	2	1.889	----	----
S4	0.022	4	3.868	----	----
S6	0.036	6	6.304	----	----
S8	0.045	8	7.904	----	----
S10	0.057	10	9.969	----	----

Correlation Coefficient: 0.99903 Slope: 0.00575 Intercept: 0.000

=====
 Element: Se Seq. No.: 82 AS Loc.: 1 Date: 12/06/2001

Sample ID: QCS

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

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.261 ✓	5.261	0.030	0.032	0.061	0.038	0.029	12:15:22	No

QC value within specified limits.

=====
 Element: Se Seq. No.: 83 AS Loc.: 2 Date: 12/06/2001

Sample ID: IPC

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

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.330 ✓	5.330	0.030	0.032	0.057	0.037	0.029	12:19:36	No

QC value within specified limits.

=====
 Element: Se Seq. No.: 84 AS Loc.: 3 Date: 12/06/2001

Sample ID: CB

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

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.0852 ✓	-0.0852	-0.001	0.001	0.013	0.031	0.017	12:23:50	No

=====
 Element: Se Seq. No.: 85 AS Loc.: 4 Date: 12/06/2001

Sample ID: LFB

µL dispensed: 10 from 36, 5 from 37, 20 from 4

µL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	9.706 ✓	9.706	0.055	0.057	0.108	0.045	0.040	12:28:03	No

QC value within specified limits.

=====
 Element: Se Seq. No.: 86 AS Loc.: 5 Date: 12/06/2001

Sample ID: LRB

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

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

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.7163 ✓	0.7163	0.004	0.005	0.011	0.028	0.013	12:32:17	No

=====
 Element: Se Seq. No.: 87 AS Loc.: 6 Date: 12/06/2001

Sample ID: 29444

µL dispensed: 10 from 36, 5 from 37, 20 from 6

µL dispensed: 10 from 36, 5 from 37, 20 from 6

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	1.003	1.003	0.005	0.007	0.012	0.101	0.067	12:36:33	No

=====
 Element: Se Seq. No.: 88 AS Loc.: 6 Date: 12/06/2001

Sample ID: 29444

µL dispensed: 5 from 37, 20 from 6, 10 from 38

µL dispensed: 5 from 37, 20 from 6, 10 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	3.412	3.412	0.019	0.021	0.038	0.103	0.074	12:40:48	No

Recovery is 48.2% (outside of specified limits)

=====
 Element: Se Seq. No.: 89 AS Loc.: 6 Date: 12/06/2001

Sample ID: 29444

µL dispensed: 25 from 36, 5 from 37, 5 from 6

µL dispensed: 25 from 36, 5 from 37, 5 from 6

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	2.965	0.7413	0.004	0.006	0.010	0.047	0.023	12:45:07	No

=====
 Element: Se Seq. No.: 90 AS Loc.: 6 Date: 12/06/2001

Sample ID: 29444

µL dispensed: 15 from 36, 5 from 37, 5 from 6, 10 from 38

µL dispensed: 15 from 36, 5 from 37, 5 from 6, 10 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	19.94	4.984	0.028	0.030	0.054	0.055	0.034	12:49:41	No

Recovery is 84.9% (outside of specified limits)

=====
 Element: Se Seq. No.: 91 AS Loc.: 7 Date: 12/06/2001

Sample ID: 29444dup

µL dispensed: 10 from 36, 5 from 37, 20 from 7

µL dispensed: 10 from 36, 5 from 37, 20 from 7

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.3970	0.3970	0.002	0.004	0.011	0.085	0.048	12:54:03	No

=====
Method Name: SeHGAP Element: Se
Method Description: Sehga SM3113 B

Date: 12/06/2001
Technique: Furnace Calibration Equation: Calc. Intercept: Linear
Wavelength: 196.0 nm Slit Width: 2.00 nm
Lamp Current: 0 Energy: 60
Sample Info File: Untitled Results Data Set:

=====
Element: Se Seq. No.: 92 AS Loc.: 8 Date: 12/06/2001
Sample ID: 29446
µL dispensed: 10 from 36, 5 from 37, 20 from 8
µL dispensed: 10 from 36, 5 from 37, 20 from 8

Repl SampleConc StndConc BlnkCorr Peak Peak Bkgnd Bkgnd Time Peak
µg/L µg/L Signal Area Height Area Height Stored
1 0.9276 0.9276 0.005 0.007 0.013 0.148 0.090 13:03:12 No

=====
 Element: Se Seq. No.: 93 AS Loc.: 9 Date: 12/06/2001

Sample ID: 27133

µL dispensed: 10 from 36, 5 from 37, 20 from 9

µL dispensed: 10 from 36, 5 from 37, 20 from 9

Repl #	SampleConc µg/L	StdndConc µg/L	BlndCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2393	-0.2393	-0.002	0.000	0.010	0.502	0.497	13:10:56	No

=====
 Element: Se Seq. No.: 94 AS Loc.: 10 Date: 12/06/2001

Sample ID: 27149

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

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

Repl #	SampleConc µg/L	StdndConc µg/L	BlndCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.8305	-0.8305	-0.005	-0.003	0.010	0.078	0.034	13:15:22	No

=====
 Element: Se Seq. No.: 95 AS Loc.: 11 Date: 12/06/2001

Sample ID: 27150

µL dispensed: 10 from 36, 5 from 37, 20 from 11

µL dispensed: 10 from 36, 5 from 37, 20 from 11

Repl #	SampleConc µg/L	StdndConc µg/L	BlndCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.5686	-0.5686	-0.004	-0.002	0.007	0.069	0.030	13:19:52	No

=====
 Element: Se Seq. No.: 96 AS Loc.: 12 Date: 12/06/2001

Sample ID: 27154

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

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

Repl #	SampleConc µg/L	StdndConc µg/L	BlndCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.4694	0.4694	0.002	0.004	0.011	0.076	0.033	13:24:20	No

=====
 Element: Se Seq. No.: 97 AS Loc.: 13 Date: 12/06/2001

Sample ID: 27156

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

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

Repl #	SampleConc µg/L	StdndConc µg/L	BlndCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.2974	0.2974	0.001	0.003	0.012	0.103	0.044	13:28:49	No

=====
 Element: Se Seq. No.: 98 AS Loc.: 14 Date: 12/06/2001

Sample ID: 27170

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

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

Repl #	SampleConc µg/L	StdndConc µg/L	BlndCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.0091	-0.0091	0.000	0.001	0.009	0.075	0.033	13:33:19	No

Element: Se Seq. No.: 99 AS Loc.: 15 Date: 12/06/2001

Sample ID: 27172

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

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

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.1937	0.1937	0.001	0.002	0.011	0.148	0.052	13:37:47	No

Element: Se Seq. No.: 100 AS Loc.: 16 Date: 12/06/2001

Sample ID: 27174

µL dispensed: 10 from 36, 5 from 37, 20 from 16

µL dispensed: 10 from 36, 5 from 37, 20 from 16

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.2294	0.2294	0.001	0.003	0.011	0.108	0.040	13:42:11	No

Element: Se Seq. No.: 101 AS Loc.: 16 Date: 12/06/2001

Sample ID: 27174

µL dispensed: 5 from 37, 20 from 16, 10 from 38

µL dispensed: 5 from 37, 20 from 16, 10 from 38

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	3.476	3.476	0.020	0.021	0.045	0.105	0.043	13:46:49	No

Recovery is 64.9% (outside of specified limits)

Element: Se Seq. No.: 102 AS Loc.: 16 Date: 12/06/2001

Sample ID: 27174

µL dispensed: 25 from 36, 5 from 37, 5 from 16

µL dispensed: 25 from 36, 5 from 37, 5 from 16

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-2.425	-0.6061	-0.004	-0.002	0.008	0.046	0.022	13:51:14	No

Element: Se Seq. No.: 103 AS Loc.: 16 Date: 12/06/2001

Sample ID: 27174

µL dispensed: 15 from 36, 5 from 37, 5 from 16, 10 from 38

µL dispensed: 15 from 36, 5 from 37, 5 from 16, 10 from 38

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	20.50	5.126	0.029	0.031	0.075	0.058	0.030	13:56:02	No

Recovery is 102.5% *high spike ok*

Element: Se Seq. No.: 104 AS Loc.: 2 Date: 12/06/2001

Sample ID: IPC

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

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

Repl #	SampleConc µg/L	StdndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.443	4.443	0.025	0.027	0.060	0.037	0.030	14:00:21	No

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

=====
 Element: Se Seq. No.: 105 AS Loc.: 2 Date: 12/06/2001

Sample ID: IPC

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

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.829	4.829	0.027	0.029	0.060	0.037	0.029	14:04:38	No

QC value within specified limits.

=====
 Element: Se Seq. No.: 106 AS Loc.: 3 Date: 12/06/2001

Sample ID: CB

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

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.4628	0.4628	0.002	0.004	0.009	0.026	0.016	14:08:51	No

=====
 Element: Se Seq. No.: 107 AS Loc.: 17 Date: 12/06/2001

Sample ID: 27232

µL dispensed: 10 from 36, 5 from 37, 20 from 17

µL dispensed: 10 from 36, 5 from 37, 20 from 17

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.7076	0.7076	0.004	0.005	0.011	0.040	0.020	14:13:14	No

=====
 Element: Se Seq. No.: 108 AS Loc.: 18 Date: 12/06/2001

Sample ID: 27233

µL dispensed: 10 from 36, 5 from 37, 20 from 18

µL dispensed: 10 from 36, 5 from 37, 20 from 18

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.6847	0.6847	0.004	0.005	0.010	0.038	0.018	14:17:34	No

=====
 Element: Se Seq. No.: 109 AS Loc.: 19 Date: 12/06/2001

Sample ID: 27309

µL dispensed: 10 from 36, 5 from 37, 20 from 19

µL dispensed: 10 from 36, 5 from 37, 20 from 19

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.7617	0.7617	0.004	0.006	0.013	0.039	0.019	14:21:51	No

=====
 Element: Se Seq. No.: 110 AS Loc.: 20 Date: 12/06/2001

Sample ID: 27311

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

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

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2025	-0.2025	-0.002	0.000	0.011	0.076	0.031	14:26:08	No

=====
 Element: Se Seq. No.: 111 AS Loc.: 21 Date: 12/06/2001

Sample ID: 27313

µL dispensed: 10 from 36, 5 from 37, 20 from 21

µL dispensed: 10 from 36, 5 from 37, 20 from 21

Repl #	SampleConc µg/L	StdndConc µg/L	BlndCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2165	-0.2165	-0.002	0.000	0.007	0.045	0.019	14:30:22	No

=====
 Element: Se Seq. No.: 112 AS Loc.: 22 Date: 12/06/2001

Sample ID: 28141

µL dispensed: 10 from 36, 5 from 37, 20 from 22

µL dispensed: 10 from 36, 5 from 37, 20 from 22

Repl #	SampleConc µg/L	StdndConc µg/L	BlndCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.1220	-0.1220	-0.001	0.001	0.010	0.066	0.029	14:34:35	No

=====
 Element: Se Seq. No.: 113 AS Loc.: 23 Date: 12/06/2001

Sample ID: 28143

µL dispensed: 10 from 36, 5 from 37, 20 from 23

µL dispensed: 10 from 36, 5 from 37, 20 from 23

Repl #	SampleConc µg/L	StdndConc µg/L	BlndCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.3964	-0.3964	-0.003	-0.001	0.010	0.069	0.026	14:38:49	No

=====
 Element: Se Seq. No.: 114 AS Loc.: 24 Date: 12/06/2001

Sample ID: 28145

µL dispensed: 10 from 36, 5 from 37, 20 from 24

µL dispensed: 10 from 36, 5 from 37, 20 from 24

Repl #	SampleConc µg/L	StdndConc µg/L	BlndCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.0956	0.0956	0.000	0.002	0.009	0.059	0.024	14:43:05	No

=====
 Element: Se Seq. No.: 115 AS Loc.: 4 Date: 12/06/2001

Sample ID: LFB

µL dispensed: 10 from 36, 5 from 37, 20 from 4

µL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc µg/L	StdndConc µg/L	BlndCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	8.010	8.010	0.046	0.047	0.096	0.042	0.038	14:47:22	No

QC out of limits Current analytical sequence continued.

=====
 Element: Se Seq. No.: 116 AS Loc.: 5 Date: 12/06/2001

Sample ID: LRB

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

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

Repl #	SampleConc µg/L	StdndConc µg/L	BlndCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.3802	-0.3802	-0.003	-0.001	0.009	0.028	0.016	14:51:37	No

Method Name: SeHGAP Element: Se
 Method Description: Sehga SM3113 B

Date: 12/06/2001
 Technique: Furnace Calibration Equation: Calc. Intercept: Linear
 Wavelength: 196.0 nm Slit Width: 2.00 nm
 Lamp Current: 0 Energy: 60
 Sample Info File: Untitled Results Data Set:

Element: Se Seq. No.: 116 AS Loc.: 2 Date: 12/06/2001

Sample ID: IPC

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

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.565	4.565	0.026	0.028	0.071	0.036	0.026	14:56:43	No

QC value within specified limits.

Element: Se Seq. No.: 117 AS Loc.: 3 Date: 12/06/2001

Sample ID: CB

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

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

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.0549	0.0549	0.000	0.002	0.009	0.028	0.014	15:00:57	No

Element: Se Seq. No.: 118 AS Loc.: 4 Date: 12/06/2001

Sample ID: LFB

μL dispensed: 10 from 36, 5 from 37, 20 from 4

μL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	7.840	7.840	0.045	0.046	0.098	0.041	0.037	15:05:13	No

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

Element: Se Seq. No.: 119 AS Loc.: 4 Date: 12/06/2001

Sample ID: LFB

μL dispensed: 10 from 36, 5 from 37, 20 from 4

μL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	7.742	7.742	0.044	0.046	0.097	0.043	0.035	15:09:28	No

QC out of limits. Current analytical sequence continued.

Cap on out of matrix modifier, refilled

Element: Se Seq. No.: 120 AS Loc.: 5 Date: 12/06/2001

Sample ID: LRB

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

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

Repl #	SampleConc μg/L	StdConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.7590	0.7590	0.004	0.006	0.010	0.027	0.014	15:13:42	No

Element: Se Seq. No.: 121 AS Loc.: 25 Date: 12/06/2001

Sample ID: 28147

μL dispensed: 10 from 36, 5 from 37, 20 from 25

μL dispensed: 10 from 36, 5 from 37, 20 from 25

Repl #	SampleConc μg/L	StdConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.2444	0.2444	0.001	0.003	0.012	0.059	0.024	15:18:01	No

Element: Se Seq. No.: 122 AS Loc.: 26 Date: 12/06/2001

Sample ID: 28149

μL dispensed: 10 from 36, 5 from 37, 20 from 26

μL dispensed: 10 from 36, 5 from 37, 20 from 26

Repl #	SampleConc μg/L	StdConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.5184	0.5184	0.003	0.004	0.009	0.082	0.037	15:22:21	No

Element: Se Seq. No.: 123 AS Loc.: 26 Date: 12/06/2001

Sample ID: 28149

μL dispensed: 5 from 37, 20 from 26, 10 from 38

μL dispensed: 5 from 37, 20 from 26, 10 from 38

Repl #	SampleConc μg/L	StdConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.752	4.752	0.027	0.029	0.050	0.083	0.047	15:26:33	No

Recovery is 84.7% (outside of specified limits)

Element: Se Seq. No.: 124 AS Loc.: 26 Date: 12/06/2001

Sample ID: 28149

μL dispensed: 25 from 36, 5 from 37, 5 from 26

μL dispensed: 25 from 36, 5 from 37, 5 from 26

Repl #	SampleConc μg/L	StdConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	1.369	0.3423	0.002	0.003	0.009	0.043	0.018	15:30:56	No

Element: Se Seq. No.: 125 AS Loc.: 26 Date: 12/06/2001

Sample ID: 28149

μL dispensed: 15 from 36, 5 from 37, 5 from 26, 10 from 38

μL dispensed: 15 from 36, 5 from 37, 5 from 26, 10 from 38

Repl #	SampleConc μg/L	StdConc μg/L	Blncorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	24.29	6.073	0.035	0.036	0.062	0.048	0.027	15:35:28	No

Recovery is 114.6%

=====
 Element: Se Seq. No.: 126 AS Loc.: 27 Date: 12/06/2001

Sample ID: 28149dup

μL dispensed: 10 from 36, 5 from 37, 20 from 27

μL dispensed: 10 from 36, 5 from 37, 20 from 27

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.1315	0.1315	0.000	0.002	0.008	0.077	0.032	15:39:52	No

=====
 Element: Se Seq. No.: 127 AS Loc.: 28 Date: 12/06/2001

Sample ID: 28151

μL dispensed: 10 from 36, 5 from 37, 20 from 28

μL dispensed: 10 from 36, 5 from 37, 20 from 28

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.3711	0.3711	0.002	0.003	0.012	0.065	0.025	15:44:20	No

=====
 Element: Se Seq. No.: 128 AS Loc.: 29 Date: 12/06/2001

Sample ID: 28153

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

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

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.1929	0.1929	0.001	0.002	0.008	0.078	0.031	15:48:51	No

=====
 Element: Se Seq. No.: 129 AS Loc.: 30 Date: 12/06/2001

Sample ID: 28155

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

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

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.0508	0.0508	0.000	0.002	0.009	0.075	0.035	15:53:21	No

=====
 Element: Se Seq. No.: 130 AS Loc.: 31 Date: 12/06/2001

Sample ID: 28157

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

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

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.0949	0.0949	0.000	0.002	0.008	0.068	0.025	15:57:49	No

=====
 Element: Se Seq. No.: 131 AS Loc.: 2 Date: 12/06/2001

Sample ID: IPC

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

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

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.597	4.597	0.026	0.028	0.061	0.039	0.029	16:02:06	No

QC value within specified limits.

=====
 Element: Se Seq. No.: 132 AS Loc.: 3 Date: 12/06/2001

Sample ID: CB

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

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

Repl #	SampleConc µg/L	StdndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.0980	0.0980	0.000	0.002	0.010	0.032	0.016	16:06:20	No

=====
 Element: Se Seq. No.: 133 AS Loc.: 32 Date: 12/06/2001

Sample ID: 28159

µL dispensed: 10 from 36, 5 from 37, 20 from 32

µL dispensed: 10 from 36, 5 from 37, 20 from 32

Repl #	SampleConc µg/L	StdndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.4191	0.4191	0.002	0.004	0.010	0.070	0.031	16:10:45	No

=====
 Element: Se Seq. No.: 134 AS Loc.: 33 Date: 12/06/2001

Sample ID: 28161

µL dispensed: 10 from 36, 5 from 37, 20 from 33

µL dispensed: 10 from 36, 5 from 37, 20 from 33

Repl #	SampleConc µg/L	StdndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.2953	0.2953	0.001	0.003	0.009	0.089	0.034	16:15:10	No

=====
 Element: Se Seq. No.: 135 AS Loc.: 34 Date: 12/06/2001

Sample ID: 28163

µL dispensed: 10 from 36, 5 from 37, 20 from 34

µL dispensed: 10 from 36, 5 from 37, 20 from 34

Repl #	SampleConc µg/L	StdndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.0581	0.0581	0.000	0.002	0.009	0.060	0.025	16:19:27	No

=====
 Element: Se Seq. No.: 136 AS Loc.: 35 Date: 12/06/2001

Sample ID: 28263

µL dispensed: 10 from 36, 5 from 37, 20 from 35

µL dispensed: 10 from 36, 5 from 37, 20 from 35

Repl #	SampleConc µg/L	StdndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.3497	0.3497	0.002	0.003	0.009	0.052	0.023	16:23:44	No

=====
 Element: Se Seq. No.: 137 AS Loc.: 39 Date: 12/06/2001

Sample ID: 28265

µL dispensed: 10 from 36, 5 from 37, 20 from 39

µL dispensed: 10 from 36, 5 from 37, 20 from 39

Repl #	SampleConc µg/L	StdndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.2063	0.2063	0.001	0.003	0.010	0.065	0.029	16:28:10	No

=====

Element: Se Seq. No.: 138 AS Loc.: 40 Date: 12/06/2001

Sample ID: 28267

μL dispensed: 10 from 36, 5 from 37, 20 from 40

μL dispensed: 10 from 36, 5 from 37, 20 from 40

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.0971	0.0971	0.000	0.002	0.009	0.086	0.038	16:32:35	No

=====

Element: Se Seq. No.: 139 AS Loc.: 2 Date: 12/06/2001

Sample ID: IPC

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

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

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.595	4.595	0.026	0.028	0.063	0.040	0.028	16:36:52	No

QC value within specified limits.

=====

Element: Se Seq. No.: 140 AS Loc.: 3 Date: 12/06/2001

Sample ID: CB

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

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

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.3659	0.3659	0.002	0.003	0.009	0.027	0.017	16:41:05	No