

Sample Information File Untitled

Description : Se Pot 9/17/01
 Batch ID :
 Volume Units :
 Weight Units :
 Analyst :
 Sample Volume : 1.000
 Nominal Weight : 1.000000

DATE ANALYZED	9/17/01
TIME ANALYZED	9:00
ANALYST INITIALS	mo
REVIEWED BY	RB

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 22470 - <i>Spine</i>			
7 22470dup			
8 22471			
9 22472			
10 22473			
11 22474			NOT DET
12 22476			
13 22477			
14 22478			
15 22509			NOT DET

QC Reviewed by,
JB 11/6/01
 OK

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

Date: 09/17/2001

Technique: Furnace

Wavelength: 196.0 nm

Lamp Current: 0

Sample Info File: Untitled

Calibration Equation: Calc. Intercept: Linear

Slit Width: 2.00 nm

Energy: 58

Results Data Set:

Element: Se Seq. No.: 1 AS Loc.: 36 Date: 09/17/2001

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	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.004	0.004	0.013	0.032	0.016	09:25:34	No

Auto-zero performed.

Element: Se Seq. No.: 2 AS Loc.: 38 Date: 09/17/2001

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	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.009	0.013	0.037	0.036	0.019	09:29:52	No

Standard number 1 applied. [2]

Correlation Coefficient: 1.0000

Slope: 0.0046

Element: Se Seq. No.: 3 AS Loc.: 38 Date: 09/17/2001

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	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.026	0.030	0.065	0.038	0.024	09:34:14	No

Standard number 2 applied. [4]

Correlation Coefficient: 0.9864

Slope: 0.0064

Element: Se Seq. No.: 4 AS Loc.: 38 Date: 09/17/2001

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	StndConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.036	0.040	0.089	0.044	0.032	09:38:36	No

Standard number 3 applied. [6]

Correlation Coefficient: 0.9940

Slope: 0.0063

=====
 Element: Se Seq. No.: 5 AS Loc.: 38 Date: 09/17/2001

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	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.054	0.058	0.105	0.044	0.039	09:42:59	No

Standard number 4 applied. [8]

Correlation Coefficient: 0.9949

Slope: 0.0067

=====
 Element: Se Seq. No.: 6 AS Loc.: 38 Date: 09/17/2001

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

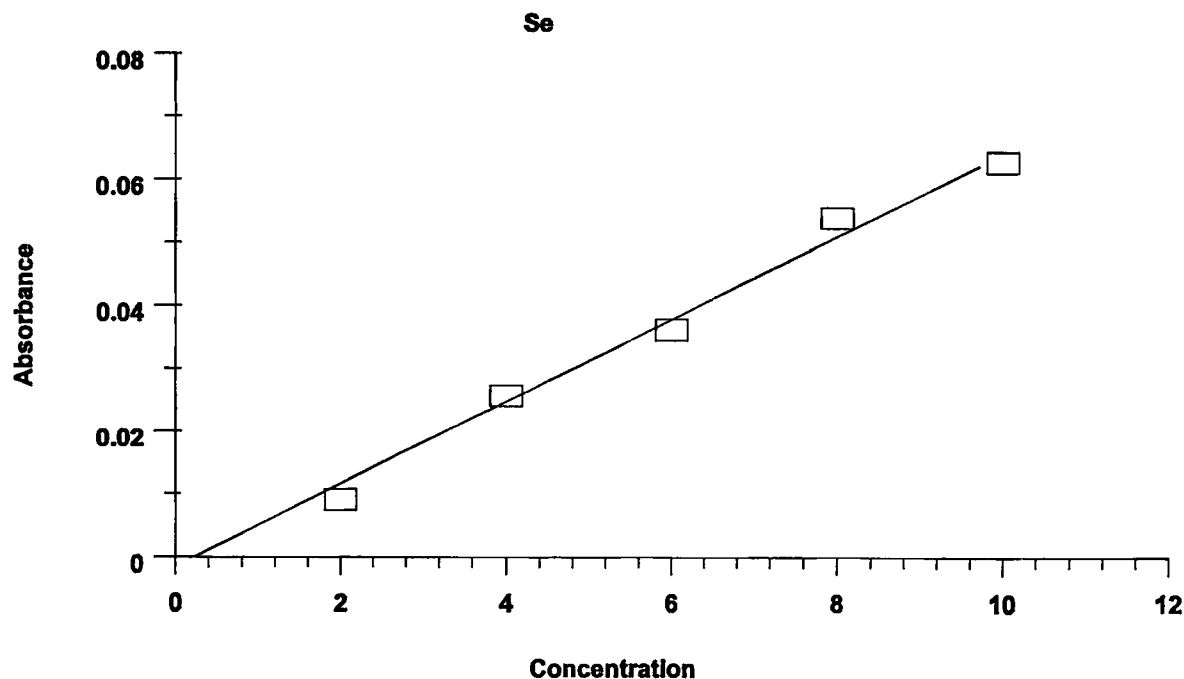
Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.063	0.067	0.130	0.046	0.045	09:47:20	No

The calibration curve may not be linear.

Standard number 5 applied. [10]

Correlation Coefficient: 0.9963

Slope: 0.0065



Calibration data for Se

Standard ID	Mean Signal (Pk Area)	Entered Concentration ($\mu\text{g/L}$)	Calculated Concentration ($\mu\text{g/L}$)	Standard Deviation	%RSD
Calib Blank	0.000	----	0.2251	----	----
S2	0.009	2	1.619	----	----
S4	0.026	4	4.144	----	----
S6	0.036	6	5.759	----	----
S8	0.054	8	8.449	----	----
S10	0.063	10	9.804	----	----
Correlation Coefficient: 0.99634 Slope: 0.00654 Intercept: -0.001					

The calibration curve has been edited.

=====
Element: Se Seq. No.: 7 AS Loc.: 38 Date: 09/17/2001

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 $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.016	0.020	0.039	0.034	0.020	09:54:22	No

Standard number 1 applied. [2]

Correlation Coefficient: 0.9977

Slope: 0.0061

=====
Element: Se Seq. No.: 8 AS Loc.: 38 Date: 09/17/2001

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 $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.049	0.053	0.112	0.049	0.036	09:58:47	No

Standard number 4 applied. [8]

Correlation Coefficient 0.9979

Slope: 0.0060

=====
Element: Se Seq. No.: 9 AS Loc.: 1 Date: 09/17/2001

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 $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.358	5.358	0.034	0.038	0.075	0.047	0.031	10:12:09	No

QC value within specified limits.

=====
Element: Se Seq. No.: 10 AS Loc.: 2 Date: 09/17/2001

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 $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	5.349	5.349	0.034	0.038	0.073	0.042	0.029	10:16:21	No

QC value within specified limits.

=====
 Element: Se Seq. No.: 11 AS Loc.: 3 Date: 09/17/2001

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	-0.7822	-0.7822	-0.003	0.001	0.009	0.031	0.015	10:20:34	No

=====
 Element: Se Seq. No.: 12 AS Loc.: 4 Date: 09/17/2001

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	10.79	10.79	0.067	0.071	0.127	0.048	0.045	10:24:46	No

QC value within specified limits.

=====
 Element: Se Seq. No.: 13 AS Loc.: 5 Date: 09/17/2001

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	-0.2646	-0.2646	0.000	0.004	0.010	0.030	0.016	10:29:00	No

=====
 Element: Se Seq. No.: 14 AS Loc.: 6 Date: 09/17/2001

Sample ID: 22470

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	1.497	1.497	0.010	0.015	0.021	0.094	0.035	10:33:16	No

=====
 Element: Se Seq. No.: 15 AS Loc.: 6 Date: 09/17/2001

Sample ID: 22470

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	5.968	5.968	0.037	0.042	0.073	0.095	0.038	10:37:31	No

Recovery is 89.4%

=====
 Element: Se Seq. No.: 16 AS Loc.: 7 Date: 09/17/2001

Sample ID: 22470dup

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	0.1800	0.1800	0.002	0.007	0.015	0.092	0.035	10:41:52	No

=====
 Element: Se Seq. No.: 17 AS Loc.: 8 Date: 09/17/2001

Sample ID: 22471

μL dispensed: 10 from 36, 5 from 37, 20 from 8

μL dispensed: 10 from 36, 5 from 37, 20 from 8

Repl #	SampleConc μg/L	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.6694	-0.6694	-0.003	0.001	0.009	0.042	0.021	10:46:13	No

=====
 Element: Se Seq. No.: 18 AS Loc.: 9 Date: 09/17/2001

Sample ID: 22472

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	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.8962	-0.8962	-0.004	0.000	0.009	0.043	0.019	10:50:35	No

=====
 Element: Se Seq. No.: 19 AS Loc.: 10 Date: 09/17/2001

Sample ID: 22473

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	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.1351	-0.1351	0.000	0.005	0.009	0.080	0.036	10:55:02	No

=====
 Element: Se Seq. No.: 20 AS Loc.: 11 Date: 09/17/2001

Sample ID: 22474

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	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.8052	-0.8052	-0.004	0.001	0.009	0.076	0.032	10:59:31	No

=====
 Element: Se Seq. No.: 21 AS Loc.: 12 Date: 09/17/2001

Sample ID: 22476

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	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.039	-1.039	-0.005	-0.001	0.010	0.031	0.016	11:04:00	No

=====
 Element: Se Seq. No.: 22 AS Loc.: 13 Date: 09/17/2001

Sample ID: 22477

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	StndConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.5528	-0.5528	-0.002	0.002	0.009	0.031	0.017	11:08:29	No

=====
 Element: Se Seq. No.: 23 AS Loc.: 14 Date: 09/17/2001

Sample ID: 22478

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	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4075	-0.4075	-0.001	0.003	0.012	0.025	0.017	11:12:56	No

=====
 Element: Se Seq. No.: 24 AS Loc.: 2 Date: 09/17/2001

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	5.078	5.078	0.032	0.036	0.071	0.038	0.028	11:17:14	No

QC value within specified limits.

=====
 Element: Se Seq. No.: 25 AS Loc.: 3 Date: 09/17/2001

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	-0.1480	-0.1480	0.000	0.005	0.010	0.025	0.014	11:21:29	No

=====
 Element: Se Seq. No.: 26 AS Loc.: 15 Date: 09/17/2001

Sample ID: 22509

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	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.5370	-0.5370	-0.002	0.002	0.009	0.043	0.021	11:25:53	No

=====
 Element: Se Seq. No.: 27 AS Loc.: 2 Date: 09/17/2001

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	4.738	4.738	0.030	0.034	0.067	0.037	0.026	11:30:08	No

QC value within specified limits.

=====
 Element: Se Seq. No.: 28 AS Loc.: 3 Date: 09/17/2001

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	-0.6250	-0.6250	-0.002	0.002	0.009	0.026	0.013	11:34:21	No

Sample Information File Untitled

Description : Se Pot 9/17/01
 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 22542 - spike pass			
7 22542dup			
8 22543			
9 22544			
10 22545			
11 22546			
12 22547			
13 22548			
14 22549			
15 22550			
16 22551			
17 22552			
18 22553			
19 22558			
20 22577			
21 22578			

MI DEP

QC PASS
QC PASS

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

Date: 09/17/2001

Technique: Furnace

Wavelength: 196.0 nm

Lamp Current: 0

Sample Info File: Untitled

Calibration Equation: Calc. Intercept: Linear

Slit Width: 2.00 nm

Energy: 60

Results Data Set:

Element: Se Seq. No.: 29 AS Loc.: 6 Date: 09/17/2001

Sample ID: 22542

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	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4289	-0.4289	-0.001	0.003	0.011	0.052	0.022	12:16:41	No

Element: Se Seq. No.: 30 AS Loc.: 6 Date: 09/17/2001

Sample ID: 22542

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	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	4.783	4.783	0.030	0.034	0.075	0.058	0.032	12:20:54	No

Recovery is 95.7%

Element: Se Seq. No.: 31 AS Loc.: 7 Date: 09/17/2001

Sample ID: 22542dup

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	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	0.2402	0.2402	0.003	0.007	0.009	0.045	0.020	12:25:14	No

Element: Se Seq. No.: 32 AS Loc.: 8 Date: 09/17/2001

Sample ID: 22543

μL dispensed: 10 from 36, 5 from 37, 20 from 8

μL dispensed: 10 from 36, 5 from 37, 20 from 8

Repl #	SampleConc μg/L	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.0984	-0.0984	0.001	0.005	0.010	0.044	0.021	12:29:36	No

Element: Se Seq. No.: 33 AS Loc.: 9 Date: 09/17/2001

Sample ID: 22544

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	StdConc μg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.6807	-0.6807	-0.003	0.001	0.009	0.050	0.023	12:34:02	No

=====
 Element: Se Seq. No.: 34 AS Loc.: 10 Date: 09/17/2001

Sample ID: 22545

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

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

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-0.7078	-0.7078	-0.003	0.001	0.010	0.043	0.021	12:38:28	No

=====
 Element: Se Seq. No.: 35 AS Loc.: 11 Date: 09/17/2001

Sample ID: 22546

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

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

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-0.4232	-0.4232	-0.001	0.003	0.011	0.043	0.021	12:42:56	No

=====
 Element: Se Seq. No.: 36 AS Loc.: 12 Date: 09/17/2001

Sample ID: 22547

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

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

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-0.5216	-0.5216	-0.002	0.002	0.010	0.045	0.020	12:47:24	No

=====
 Element: Se Seq. No.: 37 AS Loc.: 13 Date: 09/17/2001

Sample ID: 22548

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

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

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-0.8601	-0.8601	-0.004	0.000	0.008	0.045	0.021	12:51:53	No

=====
 Element: Se Seq. No.: 38 AS Loc.: 14 Date: 09/17/2001

Sample ID: 22549

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

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

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-0.7211	-0.7211	-0.003	0.001	0.011	0.042	0.020	12:56:20	No

=====
 Element: Se Seq. No.: 39 AS Loc.: 2 Date: 09/17/2001

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	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	4.861	4.861	0.031	0.035	0.069	0.039	0.024	13:00:36	No

QC value within specified limits.

=====
 Element: Se Seq. No.: 40 AS Loc.: 3 Date: 09/17/2001

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	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-1.314	-1.314	-0.007	-0.002	0.010	0.028	0.014	13:04:49	No

=====
 Element: Se Seq. No.: 41 AS Loc.: 15 Date: 09/17/2001

Sample ID: 22550

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	StdConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.2046	-0.2046	0.000	0.004	0.010	0.041	0.019	13:09:14	No

=====
 Element: Se Seq. No.: 42 AS Loc.: 16 Date: 09/17/2001

Sample ID: 22551

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	StdConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.5384	-0.5384	-0.002	0.002	0.009	0.041	0.021	13:13:40	No

=====
 Element: Se Seq. No.: 43 AS Loc.: 17 Date: 09/17/2001

Sample ID: 22552

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	StdConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.4599	-0.4599	-0.001	0.003	0.010	0.043	0.021	13:18:01	No

=====
 Element: Se Seq. No.: 44 AS Loc.: 18 Date: 09/17/2001

Sample ID: 22553

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	StdConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.6667	-0.6667	-0.003	0.001	0.009	0.039	0.019	13:22:20	No

=====
 Element: Se Seq. No.: 45 AS Loc.: 19 Date: 09/17/2001

Sample ID: 22558

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	StdConc μg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1	-0.3380	-0.3380	-0.001	0.003	0.011	0.039	0.018	13:26:38	No

=====

Element: Se Seq. No.: 46 AS Loc.: 20 Date: 09/17/2001

Sample ID: 22577

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

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

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-1.374	-1.374	-0.007	-0.003	0.009	0.040	0.018	13:30:55	No

=====

Element: Se Seq. No.: 47 AS Loc.: 21 Date: 09/17/2001

Sample ID: 22578

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

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

Repl	SampleConc	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-0.7423	-0.7423	-0.003	0.001	0.011	0.036	0.017	13:35:07	No

=====

Element: Se Seq. No.: 48 AS Loc.: 2 Date: 09/17/2001

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	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	5.241	5.241	0.033	0.037	0.071	0.036	0.025	13:39:19	No

QC value within specified limits.

=====

Element: Se Seq. No.: 49 AS Loc.: 3 Date: 09/17/2001

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	StndConc	BlkCorr	Peak	Peak	Bkgnd	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Height	Area	Height		Stored
1	-0.4176	-0.4176	-0.001	0.003	0.011	0.024	0.014	13:43:31	No

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

Date: 09/17/2001
 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.: 50 AS Loc.: 36 Date: 09/17/2001
 Sample ID: Calib Blank
 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	0.008	0.025	0.013	14:30:40	No

Auto-zero performed.

Element: Se Seq. No.: 51 AS Loc.: 38 Date: 09/17/2001
 Sample ID: S5
 µL dispensed: 25 from 36, 5 from 37, 5 from 38

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.015	0.017	0.037	0.020	0.016	14:33:17	No

Standard number 1 applied. [5.00]

Correlation Coefficient: 1.0000

Slope: 0.0031

Element: Se Seq. No.: 52 AS Loc.: 38 Date: 09/17/2001
 Sample ID: S10
 µL dispensed: 20 from 36, 5 from 37, 10 from 38

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.026	0.028	0.064	0.027	0.025	14:35:59	No

Standard number 2 applied. [10.00]

Correlation Coefficient: 0.9945

Slope: 0.0026

Element: Se Seq. No.: 53 AS Loc.: 38 Date: 09/17/2001
 Sample ID: S15
 µL dispensed: 15 from 36, 5 from 37, 15 from 38

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.044	0.046	0.094	0.026	0.031	14:38:42	No

Standard number 3 applied. [15.00]

Correlation Coefficient: 0.9956

Slope: 0.0029

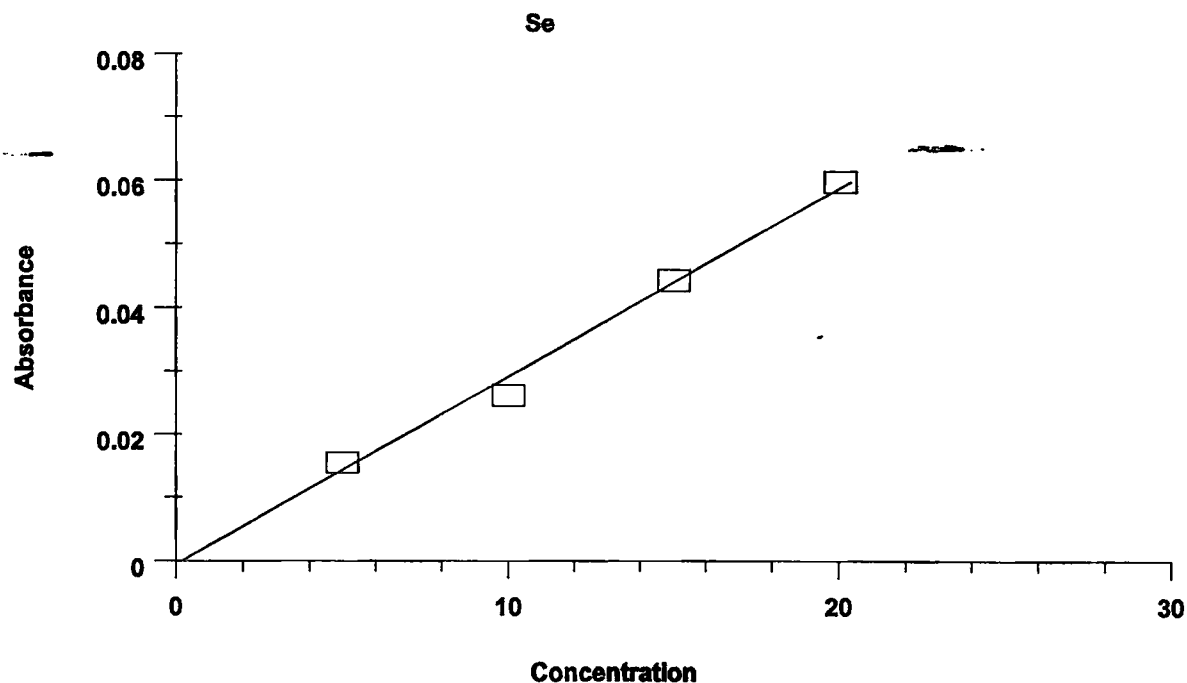
=====
 Element: Se Seq. No.: 54 AS Loc.: 38 Date: 09/17/2001

Sample ID: S20

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

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.060	0.062	0.124	0.027	0.042	14:41:24	No

 Standard number 4 applied. [20.00]
 Correlation Coefficient: 0.9974 Slope: 0.0030



 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	----	0.1777	----	----
S5	0.015	5.00	5.392	----	----
S10	0.026	10.00	9.000	----	----
S15	0.044	15.00	15.11	----	----
S20	0.060	20.00	20.32	----	----

Correlation Coefficient: 0.99741 Slope: 0.00296 Intercept: -0.001

```

=====
Element: Se      Seq. No.: 69      AS Loc.: 36      Date: 09/17/2001
Sample ID: Calib Blank
µL dispensed: 20 from 36, 5 from 37, 20 from 36
-----
Repl  SampleConc  StndConc  BlnkCorr  Peak    Peak    Bkgnd    Bkgnd    Time    Peak
#      µg/L       µg/L       Signal    Area    Height   Area     Height           Stored
1      0.000       0.000     -0.002    0.001    0.008    0.018    0.012  15:46:16  No
Auto-zero performed.

```

```

=====
Element: Se      Seq. No.: 70      AS Loc.: 6      Date: 09/17/2001
Sample ID: 19613
µL dispensed: 20 from 36, 5 from 37, 20 from 6
-----
Repl  SampleConc  StndConc  BlnkCorr  Peak    Peak    Bkgnd    Bkgnd    Time    Peak
#      µg/L       µg/L       Signal    Area    Height   Area     Height           Stored
1      0.000       0.000     0.006     0.007    0.020    0.037    0.027  15:48:53  No

```

```

=====
Element: Se      Seq. No.: 71      AS Loc.: 38      Date: 09/17/2001
Sample ID: S5
µL dispensed: 15 from 36, 5 from 37, 20 from 6, 5 from 38
-----
Repl  SampleConc  StndConc  BlnkCorr  Peak    Peak    Bkgnd    Bkgnd    Time    Peak
#      µg/L       µg/L       Signal    Area    Height   Area     Height           Stored
1      0.000       0.000     0.017     0.018    0.043    0.041    0.029  15:51:41  No
Addition number 1 applied. [5.00]
Correlation Coefficient: 1.0000      Slope: 0.0022

```

```

=====
Element: Se      Seq. No.: 72      AS Loc.: 38      Date: 09/17/2001
Sample ID: S10
µL dispensed: 10 from 36, 5 from 37, 20 from 6, 10 from 38
-----
Repl  SampleConc  StndConc  BlnkCorr  Peak    Peak    Bkgnd    Bkgnd    Time    Peak
#      µg/L       µg/L       Signal    Area    Height   Area     Height           Stored
1      0.000       0.000     0.030     0.031    0.080    0.042    0.039  15:54:30  No
Addition number 2 applied. [10.00]
Correlation Coefficient: 0.9994      Slope: 0.0024

```

```

=====
Element: Se      Seq. No.: 73      AS Loc.: 38      Date: 09/17/2001
Sample ID: S15
µL dispensed: 5 from 36, 5 from 37, 20 from 6, 15 from 38
-----
Repl  SampleConc  StndConc  BlnkCorr  Peak    Peak    Bkgnd    Bkgnd    Time    Peak
#      µg/L       µg/L       Signal    Area    Height   Area     Height           Stored
1      0.000       0.000     0.040     0.042    0.111    0.055    0.049  15:57:19  No
Addition number 3 applied. [15.00]
Correlation Coefficient: 0.9996      Slope: 0.0023

```

=====

Element: Se Seq. No.: 74 AS Loc.: 38 Date: 09/17/2001

Sample ID: S20

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

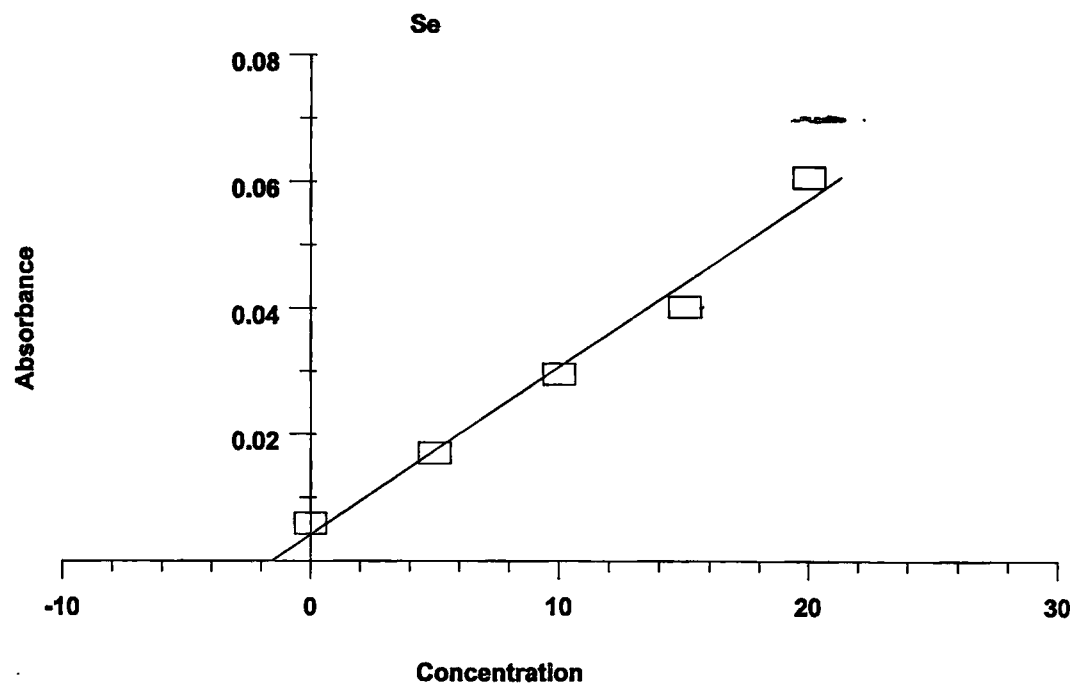
Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.061	0.062	0.131	0.052	0.059	15:59:58	No

The calibration curve may not be linear.

Addition number 4 applied. [20.00]

Correlation Coefficient: 0.9915

Slope: 0.0027



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	----	-2.230	----	----
S5	0.017	5.00	4.180	----	----
S10	0.030	10.00	8.898	----	----
S15	0.040	15.00	12.92	----	----
S20	0.061	20.00	20.63	----	----

Correlation Coefficient: 0.99148 Slope: 0.00266 Intercept: 0.004

[Se] Sample Concentration 1.556 µg/L

[Se] Sample Concentration 77.82 µg/L

The calibration curve has been edited.

=====
 Element: Se Seq. No.: 75 AS Loc.: 36 Date: 09/17/2001
 Sample ID: Calib Blank
 µL dispensed: 20 from 36, 5 from 37, 20 from 36
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.003	0.004	0.012	0.017	0.011	16:09:42	No

Auto-zero performed.

=====
 Element: Se Seq. No.: 76 AS Loc.: 7 Date: 09/17/2001
 Sample ID: 20173
 µL dispensed: 20 from 36, 5 from 37, 20 from 7
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.006	0.011	0.027	0.076	0.052	16:12:19	No

=====
 Element: Se Seq. No.: 77 AS Loc.: 38 Date: 09/17/2001
 Sample ID: S5
 µL dispensed: 15 from 36, 5 from 37, 20 from 7, 5 from 38
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.018	0.023	0.054	0.091	0.062	16:15:08	No

Addition number 1 applied. [5.00]

Correlation Coefficient: 1.0000

Slope: 0.0024

=====
 Element: Se Seq. No.: 78 AS Loc.: 38 Date: 09/17/2001
 Sample ID: S10
 µL dispensed: 10 from 36, 5 from 37, 20 from 7, 10 from 38
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.033	0.037	0.080	0.093	0.066	16:17:56	No

Addition number 2 applied. [10.00]

Correlation Coefficient: 0.9979

Slope: 0.0027

=====
 Element: Se Seq. No.: 79 AS Loc.: 38 Date: 09/17/2001
 Sample ID: S15
 µL dispensed: 5 from 36, 5 from 37, 20 from 7, 15 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	0.050	0.100	0.095	0.072	16:20:46	No

Addition number 3 applied. [15.00]

Correlation Coefficient: 0.9991

Slope: 0.0026

=====
 Element: Se Seq. No.: 80 AS Loc.: 38 Date: 09/17/2001

Sample ID: S20

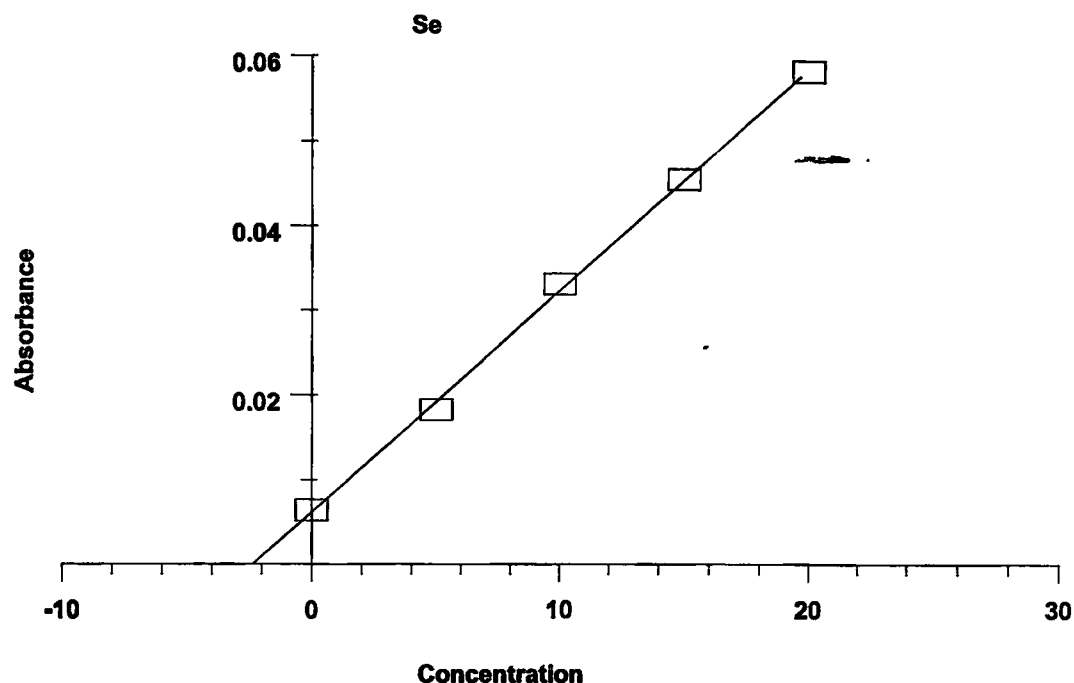
µL dispensed: 5 from 37, 20 from 7, 20 from 38

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Bkgnd Area	Bkgnd Height	Time	Peak Stored
1			0.058	0.062	0.124	0.092	0.076	16:23:25	No

Addition number 4 applied. [20.00]

Correlation Coefficient: 0.9995

Slope: 0.0026



 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	----	-2.464	----	----
S5	0.018	5.00	4.527	----	----
S10	0.033	10.00	10.20	----	----
S15	0.045	15.00	14.95	----	----
S20	0.058	20.00	19.79	----	----

Correlation Coefficient: 0.99949 Slope: 0.00261 Intercept: 0.006

 [Se] Sample Concentration 2.357 µg/L
 [Se] Sample Concentration 117.9 µg/L