Sample/Batch Report

Nancy 3/28/03

User Name: ~~Rowena~~

Computer Name: ICPMS PE 6100

Sample File: D:\ELAN\Sample\2003\March\030328.sam

Report Date/Time: Friday, March 28, 2003 17:15:43

A/S Loc.	Batch ID	Sample ID	Description	Sample Type	Init. Quant.	Prep. Vol.	Aliquot Vol.	Diluted Vol.	Solids Ratio
7		ICV							
1		ICB							
9		MB > R26258		NS 3/31/03					
10		LCS > ~~R26578~~							
11		062090-003AMS							
12		062090-003AMSD							
13		062090-003A							
14		062090-003ADUP							
15		062090-001A							
16		062090-002A							
17		062090-004A							
18		062090-005A							
7		CCV							
8		CCB							
19		062090-006A							
20		062090-007A							
21		062090-008A							
22		062090-009A							
23		062090-010A							
24		062090-011A							
25		062090-013A							
26		062090-014A							
27		062090-015A							
28		062090-016A							
7		CCV							
8		CCB							
29		062090-017A							
30		062090-018A							
31		062090-019A							
32		062090-020A							
33		062090-021A							
34		062090-021ADUP							
35		MB- > R26259							
36		LCS-							
37		062090-012AMS							
38		062090-012AMSD							
7		CCV							
8		CCB							
39		062090-012A							
40		062090-012ADUP							
41		062090-022A							
42		062090-023A							
43		062090-024A							
44		062090-025A							
45		062090-026A							
46		062090-027A							
47		062090-028A							
7		CCV							
8		CCB							

CAL: MST030328H/20
I/10
J/5
K/0.5

ICV/CCV: MST030328M

LCS: MST030328L

MS/MSD: MST030328G

038

48	062090-003A
49	062090-003ADUP
7	CCV
8	CCB
50	MB- >R26260
51	LCS-
52	062092-005AMS
53	062092-005AMSD
54	062092-005A
55	062092-005ADUP
56	062092-001A
57	062092-002A
58	062092-003A
59	062092-004A
7	CCV
8	CCB
60	062092-006A
61	062092-007A
62	062092-008A
63	062092-009A
64	062092-010A
65	062092-011A
66	062092-012A
67	062092-013A
68	062092-014A
69	062092-015A
7	CCV
8	CCB
70	062092-015ADUP
71	062092-016A
72	062092-017A
73	062092-018A
74	062092-019A
75	062092-020A
76	MB- >R26261
77	LCS-
78	062092-024AMS
79	062092-024AMSD
7	CCV
8	CCB
80	062092-024A
81	062092-024ADUP
82	062092-021A
83	062092-022A
84	062092-023A
85	062092-025A
86	062092-026A
7	CCV
8	CCB
87	100 ppb
7	CCV
8	CCB
88	062092-019A 5X
7	CCV
8	CCB

Metals Working Standard Prep Log

Date	Standard Name	Working Std Code	Stock Info: Stock Std Code	Preparation: Stock Concentration	Preparation: Amount Taken from Stock
1-14-03	ICPMS - LCS1	MST030114 E	MST020320F	10ppm	5
	- ICW/CCW @ 50	F	MST030114 E	1ppm	2.5
	ICPMS - 200	G	MST030114A	1ppm	10 ml
	- 100	H	G	200ppb	25
	- 50	I	H	100ppb	10
	ICPMS - ICW/CCW @ 100	J	MST030114 E	1ppm	5
1-15-03	ICPMS - STD1	MST030115 A	MST021216B MST021216D	1000 ppm 10ppm	0.05 5
	- 20	B	MST030115A	1ppm	1
	- 10	C	B	20ppb	25
	- 5	D	C	10ppb	25 } NS
	- 0.5	E	D	5ppb	5 }
	ICPMS - LCS1	F	MST020320F MST020320G	10ppm 1000ppm	5 0.05
	- ICW/CCW	G	MST030115F	1ppm	0.5
1-17-03	Tuning Stock Solution	MST030117A	MST-010523E Mg	1,000 ppm	0.5 ml
			MST020619H Cu		0.5
			MST020208K Rh		0.5
			MST020619E Cd		0.5
			MST020208F In		0.5
			MST020619C Ba		0.5
			MST020208I Ce		0.5

040

Metals Working Standard Prep Log

	Preparation			Expiration Dates			
				Exp Date			
	Final Vol. (ml)	Final Conc. (ug/ml)	Diluent Matrix (ie H_2O)	Working STD *	Manufacturer	Comments	Initials
1	50	1ppm	DI H_2O + 2% HNO_3	4-14-03	Leeman		NS
	50	50ppb					
	50	200ppb				Fe	
	50	100ppb					
5	20	50ppb					
	50	100ppb					C
	50	1ppm	DI H_2O + 2% HNO_3	4-15-03	Leeman	Pb	NS/RQ
	50	20ppb					
	20	10ppb					
10	50	5ppb					
	50	0.5ppb					
	50	1ppm			Leeman		
	50	10ppb					
	~~500 ml~~	~~1 ppm~~	~~DI H_2O + 2% HNO_3~~	~~4-17-03~~	~~Ultra Scientific~~		NS
15					High Purity		
20							

* Check working std versus all manufacturer's

Metals Working Standard Prep Log

Date	Standard Name	Working Std Code	Stock Info: Stock Std Code	Preparation: Stock Concentration	Preparation: Amount Taken from Stock
1-17-03	Tuning Stock Solution	MST030117A	MST020619I Pb	1,000 ppm	0.5 ml
			MST020619D Be		
			MST020619G Co		
			MST020208J Tl		
			MST020208G U		
1-17-03	10 ppb Tuning Solution	MST030117B	MST030117A	1 ppm	5 ml
1-20-03	ICPMS - STD 1	MST030120A	MST021216D	10 ppm	5
	- 200	B	MST030120A	1 ppm	10
	- 100	C	B	200 ppb	25
	- 50	D	C	100 ppb	10
	ICPMS - LCS 1	E	MST020320F	10 ppm	5
	- ICV/CCV	F	MST030120E	1 ppm	5
1-22-03	ICPMS - STD 1	MST030122A	MST021216D MST021216B	10 ppm 1000 ppm	5 0.05
	- 20	B	MST030122A	1 ppm	1
	- 10	C	B	20 ppb	25
	- 5	D	C	10 ppb	10
	- 0.5	E	D	5 ppb	2
	ICPMS - LCS 1	F	MST020320F MST020320G	10 ppm 1000 ppm	5 0.05
	- ICV/CCV	G	MST030122F	1 ppm	0.5
1-24-03	ICPMS - Internal Std.	MST030124A	MST020208B Li	1000 ppm	1 ml

Metals Working Standard Prep Log

	Preparation			Expiration Dates				
				Exp Date				
	Final Vol. (ml)	Final Conc. (ug/ml)	Diluent Matrix (ie H_2O)	Working STD *	Manufacturer	Comments	Initials
1	500ml	1ppm	DI H2O + 2% HNO3	4-17-03	High Purity		NS
5							
	500ml	10ppb	DI H2O + 2% HNO3	4-17-03	ultrascientific High Purity		NS
	50	1ppm	DI H2O + 2% HNO3	4-20-03	Leeman	Fe	NS
	50	200ppb					
	50	100ppb					
	20	50ppb					
10	50	1ppm			Leeman		
	50	100ppb					
	50	1ppm	DI H2O + 2% HNO3	4-22-03	Leeman		NS
	50	20ppb					
	20	10ppb					
15	20	5ppb					
	20	0.5ppb					
	50	1ppm			Leeman		
	50	10ppb					
	100ml	10ppm	DI H2O + 2% HNO3	4-24-03	High Purity		NS
20							

* Check working std versus all manufacturer's

Metals Working Standard Prep Log

Date	Standard Name	Working Std Code	Stock Info: Stock Std Code	Preparation: Stock Concentration	Preparation: Amount Taken from Stock
3/7/03	ICPMS - 5	MST030307D	MST030307C	10 ppb	25
↓	↓ - 0.5	E	↓ D	5 ppb	5
↓	ICPMS - LCS1	F	MST020320F MST020320G	10 ppm 1000 ppm	5 0.05
↓	↓ - ICV/CCV	G	MST030307F	1 ppm	0.5
3/10/03	ICPMS - STD 1	MST030310A	MST021216B MST021216D	1000 ppm 10 ppm	0.05 mL 5.0 mL
↓	20 ppb	B	MST030310A	1 ppm	1.0 mL
↓	10 ppb	C	↓ B	20 ppm	25 mL
↓	5 ppb	D	C	10 ppm	25 mL
↓	0.5 ppb	E	D	5 ppm	5 mL
↓	ICPMS - LCS1	F	~~MST030310~~ MST021205A MST021205B	100 ppm 100 ppm	0.5 mL 0.5 mL
↓	↓ - ICV/CCV 10@	G	MST030310F	1 ppm	0.5 mL
3/11/03	Internal Standard - ICPMS	MST030311A	MST030217A Li	1000 ppm	1 mL
↓	↓	↓	↓ B Ge	↓	↓
↓	↓	↓	C Tb	↓	↓
↓	↓	↓	D Sc	↓	↓
↓	↓	↓	E In	↓	↓
↓	↓	↓	F Tm	↓	↓
3/11/03	ICPMS - STD 1	MST030311B	MST021216B MST021216D	1000 ppm 10 ppm	0.05 mL 5 mL
↓	ICPMS - 10 ppb	MST030311C	MST030311B	1 ppm	0.5 mL
↓	ICPMS - 7.5 ppb	MST030311D	MST030311C	10 ppb	37.5 mL

Metals Working Standard Prep Log

	Preparation			Expiration Dates		Comments	Initials
	Final Vol. (ml)	Final Conc. (ug/ml)	Diluent Matrix (ie H_2O)	Exp Date: Working STD *	Exp Date: Manufacturer		
1	50	5 ppb	DI H_2O + 2% HNO_3	6/5/03	Leeman		NS
		0.5 ppb	↓	↓	↓		↓
		1 ppm					
	↓	10 ppb					
5	50	1 ppm	DI H_2O + 2% HNO_3	6/8/03	Leeman		RQ
	↓	20 ppb	↓	↓	↓		↓
		10 ppb					
		5 ppb					
		0.5 ppb			↓		
10		1 ppm			HIGH PURITY		
	↓	10 ppb	↓	↓	↓		↓
	100 mL	10 ppm	DI H_2O + 2% HNO_3	6/9/03	High Purity		RQ
	↓	↓	↓	↓	↓		↓
15							
	↓	↓	↓	↓	↓		↓
	50 mL	1 ppm	DI H_2O + 2% HNO_3	6/9/03	Leeman		RQ
	50 mL	10 ppb	↓	6/9/03	↓		↓
20	50 mL	7.5 ppb	↓	6/9/03	↓		↓

* Check working std versus all manufacturer's

Metals Working Standard Prep Log

			Stock Info	Preparation	
Date	Standard Name	Working Std Code	Stock Std Code	Stock Concentration	Amount Taken from Stock
03-27-03	ICPMS-IW/CW @50	MST030327M	MST030327H	1 ppm	2.5
03-28-03	ICPMS-STD1	MST030328G	MST021216D	10 ppm	5
↑	↓ -20	↓ H	MST030328G	1 ppm	1
	-10	I	↓ H	20 ppb	25
	-5	J	I	10 ppb	25
	↓ -0.5	K	↓ J	5 ppb	5
	ICPMS-LCS1	L	MST021205A	100 ppm	0.5
↓	↓ -IW/CW	↓ M	MST030328L	1 ppm	0.5

Logbook 3
Page 18A

Metals Working Standard Prep Log

	Preparation			Expiration Dates		Comments	Initials
	Final Vol. (ml)	Final Conc. (ug/ml)	Diluent Matrix (ie H_2O)	Exp Date: Working STD *	Exp Date: Manufacturer		
1	50	50ppb	DI H2O + 2% HNO3	6/25/03	High Purity		NS
	50	1 ppm	DI H2O + 2% HNO3	06/26/03	Leeman	CT	MS
		20ppb					
		10ppb					
5		1ppb					
		0.5ppb					
		1 ppm			High Purity		
		10ppb					
10							
15							
20							

* Check working std versus all manufacturer's

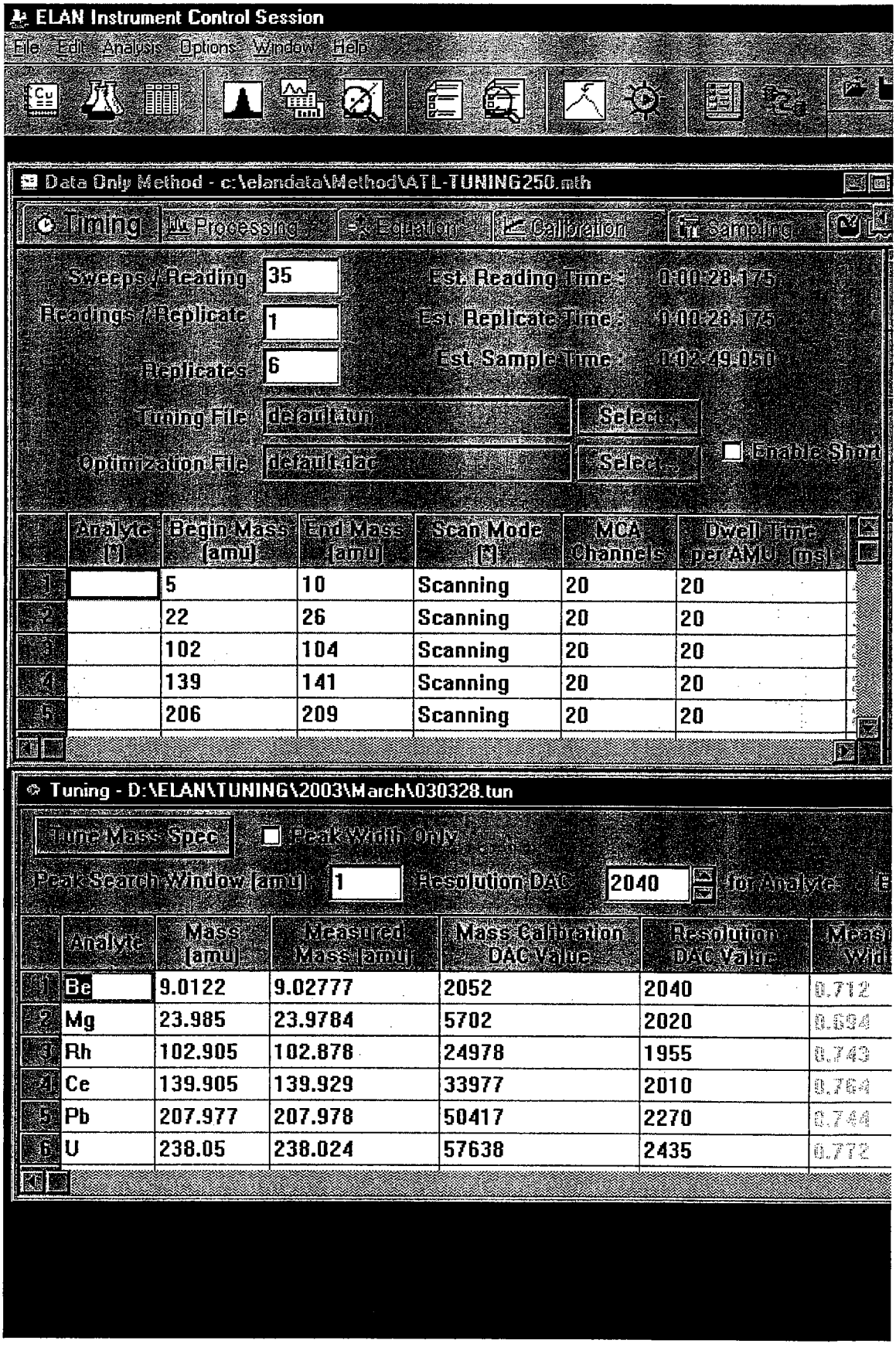
Method Detection Limits

Method:	6020 / 200.8
Date of Analysis:	01/13/2003
Instrument ID:	ICP4
Matrix:	Water

Compound	MDL (ug/L)	DLR (ug/L)
Chromium	0.111	1

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040


ELAN Instrument Control Session
File Edit Analysis Options Window Help
Data Only Method - c:\elandata\Method\ATL-TUNING250.mth
Timing
Processing
Equation
Calibration
Sampling
Sweeps / Reading 35
Readings / Replicate 1
Replicates 6
Est. Reading Time: 0:00:28.175
Est. Replicate Time: 0:00:28.175
Est. Sample Time: 0:02:49.050
Tuning File default.tun
Select...
Optimization File default.dac
Select...
Enable Short
Analyte [*]
Begin Mass [amu]
End Mass [amu]
Scan Mode [*]
MCA Channels
Dwell Time per AMU [ms]
1 5 10 Scanning 20 20
2 22 26 Scanning 20 20
3 102 104 Scanning 20 20
4 139 141 Scanning 20 20
5 206 209 Scanning 20 20
Tuning - D:\ELAN\TUNING\2003\March\030328.tun
Tune Mass Spec
Peak Width Only
Peak Search Window [amu] 1
Resolution DAC 2040
for Analyte
Analyte
Mass [amu]
Measured Mass [amu]
Mass Calibration DAC Value
Resolution DAC Value
Meas Wid
1 Be 9.0122 9.02777 2052 2040 0.712
2 Mg 23.985 23.9784 5702 2020 0.694
3 Rh 102.905 102.878 24978 1955 0.743
4 Ce 139.905 139.929 33977 2010 0.764
5 Pb 207.977 207.978 50417 2270 0.744
6 U 238.05 238.024 57638 2435 0.772

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 10:58:37
Dataset File: D:\ELAN\Dataset\2003\March\030328\Blank.001
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: Blank
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7		64755	2.0			ug/L	%
	Ge	72		132759	0.4			ug/L	%
>	**Sc-1**	45		585608	0.9			ug/L	%
	Cr	52		6457	3.9			ug/L	%
	In	115		1118182	0.7			ug/L	%
	Tb	159		1333099	1.5			ug/L	%
	Sc	45		585608	0.9			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 11:01:05
Dataset File: D:\ELAN\Dataset\2003\March\030328\Standard 1.002
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: Standard 1
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	66042	2.9			ug/L	%
	Ge	72	132759	132867	1.1			ug/L	%
>	**Sc-1**	45	585608	592716	1.7			ug/L	%
	Cr	52	6457	12024	0.1	**0.500**	0.019	ug/L	3.8 %
	In	115	1118182	1117670	0.9			ug/L	%
	Tb	159	1333099	1352964	0.6			ug/L	%
	Sc	45	585608	592716	1.7			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 11:03:50
Dataset File: D:\ELAN\Dataset\2003\March\030328\Standard 2.003
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: Standard 2
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	65338	2.1			ug/L	%
	Ge	72	132759	129459	0.4			ug/L	%
>	**Sc-1**	45	585608	585136	1.5			ug/L	%
	Cr	52	6457	52675	0.3	**4.991**	0.086	ug/L	1.7 %
	In	115	1118182	1082615	0.4			ug/L	%
	Tb	159	1333099	1322007	0.9			ug/L	%
	Sc	45	585608	585136	1.5			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 11:06:36
Dataset File: D:\ELAN\Dataset\2003\March\030328\Standard 3.004
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: Standard 3
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	65474	2.1			ug/L	%
	Ge	72	132759	128878	0.2			ug/L	%
>	**Sc-1**	45	585608	579495	0.9			ug/L	%
	Cr	52	6457	97295	1.0	**9.982**	0.021	ug/L	0.2 %
	In	115	1118182	1077190	0.5			ug/L	%
	Tb	159	1333099	1303338	1.3			ug/L	%
	Sc	45	585608	579495	0.9			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 11:09:22
Dataset File: D:\ELAN\Dataset\2003\March\030328\Standard 4.005
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: Standard 4
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	65175	3.1			ug/L	%
	Ge	72	132759	128048	0.8			ug/L	%
⌈>	**Sc-1**	45	585608	570923	1.6			ug/L	%
L	**Cr**	52	6457	184757	1.0	**19.974**	0.215	ug/L	1.1 %
	In	115	1118182	1070757	1.1			ug/L	%
	Tb	159	1333099	1289713	0.8			ug/L	%
	Sc	45	585608	570923	1.6			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 11:12:11
Dataset File: D:\ELAN\Dataset\2003\March\030328\ICV.006
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: ICV
Sample Type:

Summary

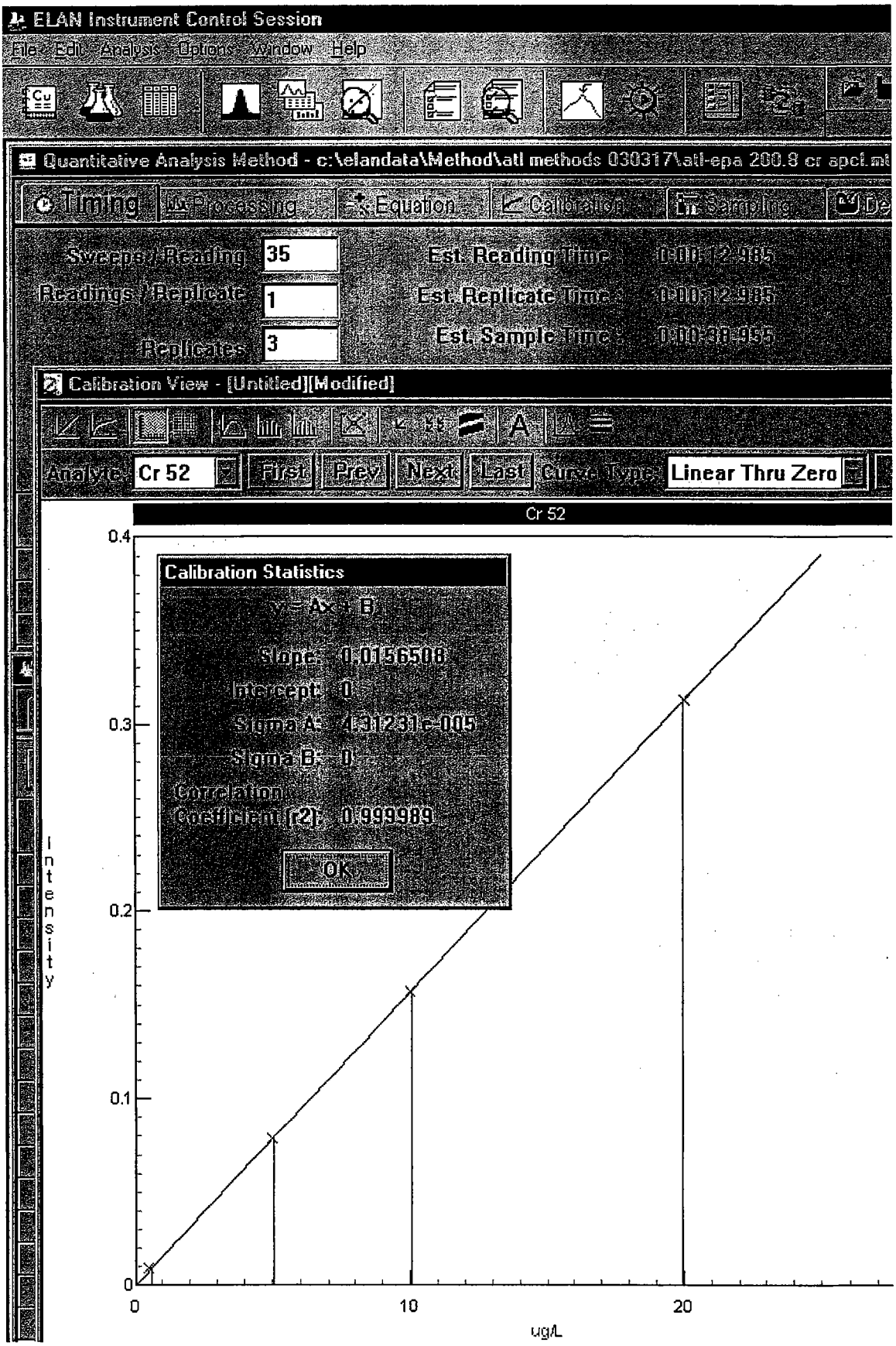
	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	64899	2.6			ug/L	%
	Ge	72	132759	126995	0.4			ug/L	%
>	**Sc-1**	45	585608	572536	1.3			ug/L	%
	Cr	52	6457	96636	0.6	**10.081**	0.115	ug/L	1.1 %
	In	115	1118182	1063371	0.5			ug/L	%
	Tb	159	1333099	1288325	0.6			ug/L	%
	Sc	45	585608	572536	1.3			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 11:14:42
Dataset File: D:\ELAN\Dataset\2003\March\030328\ICB.007
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: ICB
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	65056	2.1			ug/L	%
	Ge	72	132759	127937	0.7			ug/L	%
[>	**Sc-1**	45	585608	580486	0.7			ug/L	%
[	**Cr**	52	6457	7412	1.4	**0.111**	0.012	ug/L	11.1 %
	In	115	1118182	1069383	0.9			ug/L	%
	Tb	159	1333099	1292737	1.0			ug/L	%
	Sc	45	585608	580486	0.7			ug/L	%


ELAN Instrument Control Session
File Edit Analysis Options Window Help
Quantitative Analysis Method - c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mt
Timing
Processing
Equation
Calibration
Sampling
Sweeps / Reading 35
Readings / Replicate 1
Replicates 3
Est. Reading Time : 0:00:12.985
Est. Replicate Time : 0:00:12.985
Est. Sample Time : 0:00:38.955
Calibration View - [Untitled][Modified]
Analyte Cr 52
First
Prev
Next
Last
Curve Type Linear Thru Zero
Cr 52
Calibration Statistics
y = Ax + B
Slope: 0.0156508
Intercept: 0
Sigma A: 4.31231e-005
Sigma B: 0
Correlation Coefficient (r2): 0.999989
OK
Intensity
ug/L
0.4
0.3
0.2
0.1
0
0
10
20

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:16:30
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCV.057
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCV
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	72624	1.0			ug/L	%
	Ge	72	132759	115160	0.5			ug/L	%
>	**Sc-1**	45	585608	542528	0.2			ug/L	%
	Cr	52	6457	85998	1.1	**9.423**	0.104	ug/L	1.1 %
	In	115	1118182	919246	0.9			ug/L	%
	Tb	159	1333099	1136080	1.8			ug/L	%
	Sc	45	585608	542528	0.2			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:19:04
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCB.058
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCB
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	72939	1.6			ug/L	%
	Ge	72	132759	114986	0.8			ug/L	%
>	**Sc-1**	45	585608	546816	0.5			ug/L	%
	Cr	52	6457	7902	1.2	**0.219**	0.007	ug/L	3.3 %
	In	115	1118182	915743	0.5			ug/L	%
	Tb	159	1333099	1135881	0.5			ug/L	%
	Sc	45	585608	546816	0.5			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:34:04
Dataset File: D:\ELAN\Dataset\2003\March\030328\MB-.059
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: MB- RLC 260 NJS 3/31/03
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	74387	1.7			ug/L	%
	Ge	72	132759	117036	0.9			ug/L	%
>	**Sc-1**	45	585608	555989	0.1			ug/L	%
	Cr	52	6457	7339	0.9	**0.139**	0.007	ug/L	5.0 %
	In	115	1118182	934058	1.9			ug/L	%
	Tb	159	1333099	1153953	1.1			ug/L	%
	Sc	45	585608	555989	0.1			ug/L	%

060

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:36:36
Dataset File: D:\ELAN\Dataset\2003\March\030328\LCS-.060
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: LCS- R26260 NS 3/31/03
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	73342	2.4			ug/L	%
	Ge	72	132759	114710	1.4			ug/L	%
>	**Sc-1**	45	585608	545299	1.0			ug/L	%
	Cr	52	6457	87436	0.3	**9.541**	0.123	ug/L	1.3 %
	In	115	1118182	915952	1.3			ug/L	%
	Tb	159	1333099	1137102	0.5			ug/L	%
	Sc	45	585608	545299	1.0			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:39:09
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-005AMS.061
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-005AMS
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	68584	2.6			ug/L	%
	Ge	72	132759	118713	0.6			ug/L	%
>	**Sc-1**	45	585608	622730	0.7			ug/L	%
	Cr	52	6457	121069	0.2	**11.718**	0.073	ug/L	0.6 %
	In	115	1118182	952473	0.6			ug/L	%
	Tb	159	1333099	1158656	0.7			ug/L	%
	Sc	45	585608	622730	0.7			ug/L	%

062

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:41:41
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-005AMSD.062
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-005AMSD
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	68703	2.5			ug/L	%
	Ge	72	132759	120552	0.3			ug/L	%
>	**Sc-1**	45	585608	628065	0.9			ug/L	%
	Cr	52	6457	121129	0.6	**11.619**	0.077	ug/L	0.7 %
	In	115	1118182	960238	0.9			ug/L	%
	Tb	159	1333099	1171088	1.1			ug/L	%
	Sc	45	585608	628065	0.9			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:44:15
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-005A.063
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-005A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	67015	1.9			ug/L	%
	Ge	72	132759	120001	1.3			ug/L	%
>	**Sc-1**	45	585608	617675	1.1			ug/L	%
	Cr	52	6457	44419	0.4	**3.891**	0.034	ug/L	0.9 %
	In	115	1118182	961338	1.3			ug/L	%
	Tb	159	1333099	1169938	1.2			ug/L	%
	Sc	45	585608	617675	1.1			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:46:45
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-005ADUP.064
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-005ADUP
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	66951	1.2			ug/L	%
	Ge	72	132759	121377	1.6			ug/L	%
>	**Sc-1**	45	585608	617122	0.9			ug/L	%
	Cr	52	6457	44597	0.6	**3.913**	0.041	ug/L	1.0 %
	In	115	1118182	963455	0.9			ug/L	%
	Tb	159	1333099	1178429	1.4			ug/L	%
	Sc	45	585608	617122	0.9			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:49:11
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-001A.065
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-001A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	68915	0.7			ug/L	%
	Ge	72	132759	118601	0.7			ug/L	%
>	**Sc-1**	45	585608	573238	0.8			ug/L	%
	Cr	52	6457	28323	0.4	**2.452**	0.030	ug/L	1.2 %
	In	115	1118182	937935	1.3			ug/L	%
	Tb	159	1333099	1160683	0.8			ug/L	%
	Sc	45	585608	573238	0.8			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:51:38
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-002A.066
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-002A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	69608	1.4			ug/L	%
	Ge	72	132759	118270	0.3			ug/L	%
>	**Sc-1**	45	585608	609106	0.2			ug/L	%
	Cr	52	6457	29305	1.1	**2.369**	0.031	ug/L	1.3 %
	In	115	1118182	936469	0.6			ug/L	%
	Tb	159	1333099	1151672	0.7			ug/L	%
	Sc	45	585608	609106	0.2			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:54:05
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-003A.067
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-003A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	70692	0.9			ug/L	%
	Ge	72	132759	120422	1.8			ug/L	%
>	**Sc-1**	45	585608	611480	0.9			ug/L	%
	Cr	52	6457	53594	0.7	**4.896**	0.014	ug/L	0.3 %
	In	115	1118182	959964	1.6			ug/L	%
	Tb	159	1333099	1175476	1.2			ug/L	%
	Sc	45	585608	611480	0.9			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:56:33
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-004A.068
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-004A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	67039	1.8			ug/L	%
	Ge	72	132759	119135	0.4			ug/L	%
>	**Sc-1**	45	585608	576555	0.8			ug/L	%
	Cr	52	6457	20244	2.0	**1.539**	0.027	ug/L	1.8 %
	In	115	1118182	949446	0.5			ug/L	%
	Tb	159	1333099	1166022	1.5			ug/L	%
	Sc	45	585608	576555	0.8			ug/L	%

069

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 14:59:04
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCV.069
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCV
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	71811	1.8			ug/L	%
	Ge	72	132759	114891	0.8			ug/L	%
>	**Sc-1**	45	585608	545736	1.0			ug/L	%
	Cr	52	6457	86922	0.6	**9.473**	0.137	ug/L	1.4 %
	In	115	1118182	916449	1.4			ug/L	%
	Tb	159	1333099	1137363	0.7			ug/L	%
	Sc	45	585608	545736	1.0			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:01:39
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCB.070
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCB
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	72725	1.0			ug/L	%
	Ge	72	132759	114105	0.7			ug/L	%
[>	**Sc-1**	45	585608	542996	1.3			ug/L	%
[	**Cr**	52	6457	7755	2.4	**0.208**	0.009	ug/L	4.5 %
	In	115	1118182	907816	0.9			ug/L	%
	Tb	159	1333099	1121774	1.2			ug/L	%
	Sc	45	585608	542996	1.3			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:04:11
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-006A.071
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-006A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	72657	0.7			ug/L	%
	Ge	72	132759	115587	0.4			ug/L	%
>	**Sc-1**	45	585608	641973	1.2			ug/L	%
	Cr	52	6457	45023	1.0	**3.777**	0.010	ug/L	0.3 %
	In	115	1118182	912527	0.5			ug/L	%
	Tb	159	1333099	1129019	0.7			ug/L	%
	Sc	45	585608	641973	1.2			ug/L	%

072

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:06:39
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-007A.072
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-007A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	75695	1.9			ug/L	%
	Ge	72	132759	114931	1.0			ug/L	%
[>	**Sc-1**	45	585608	649363	0.8			ug/L	%
[	**Cr**	52	6457	41733	0.8	**3.402**	0.045	ug/L	1.3 %
	In	115	1118182	906079	0.4			ug/L	%
	Tb	159	1333099	1124595	0.3			ug/L	%
	Sc	45	585608	649363	0.8			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:09:09
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-008A.073
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-008A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	70560	1.9			ug/L	%
	Ge	72	132759	119631	0.6			ug/L	%
>	**Sc-1**	45	585608	550193	0.9			ug/L	%
	Cr	52	6457	8310	1.0	**0.261**	0.014	ug/L	5.3 %
	In	115	1118182	952392	0.3			ug/L	%
	Tb	159	1333099	1172719	0.8			ug/L	%
	Sc	45	585608	550193	0.9			ug/L	%

074

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:11:39
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-009A.074
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-009A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	69762	1.6			ug/L	%
	Ge	72	132759	117959	1.2			ug/L	%
>	**Sc-1**	45	585608	593527	0.1			ug/L	%
	Cr	52	6457	29682	1.1	**2.491**	0.033	ug/L	1.3 %
	In	115	1118182	938466	0.7			ug/L	%
	Tb	159	1333099	1162807	1.1			ug/L	%
	Sc	45	585608	593527	0.1			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:14:09
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-010A.075
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-010A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	67771	2.0			ug/L	%
	Ge	72	132759	118642	0.4			ug/L	%
[>	**Sc-1**	45	585608	587424	1.1			ug/L	%
[	**Cr**	52	6457	27746	2.3	**2.313**	0.035	ug/L	1.5 %
	In	115	1118182	941587	1.2			ug/L	%
	Tb	159	1333099	1165997	0.9			ug/L	%
	Sc	45	585608	587424	1.1			ug/L	%

176

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:16:40
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-011A.076
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-011A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	68875	1.9			ug/L	%
	Ge	72	132759	118350	1.5			ug/L	%
>	**Sc-1**	45	585608	590824	0.1			ug/L	%
	Cr	52	6457	27393	1.6	**2.258**	0.047	ug/L	2.1 %
	In	115	1118182	944623	1.0			ug/L	%
	Tb	159	1333099	1165301	1.2			ug/L	%
	Sc	45	585608	590824	0.1			ug/L	%

077

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:19:11
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-012A.077
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-012A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	70414	2.6			ug/L	%
	Ge	72	132759	118731	0.9			ug/L	%
>	**Sc-1**	45	585608	595271	0.7			ug/L	%
	Cr	52	6457	31155	0.6	**2.640**	0.032	ug/L	1.2 %
	In	115	1118182	941591	0.8			ug/L	%
	Tb	159	1333099	1163968	1.0			ug/L	%
	Sc	45	585608	595271	0.7			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:21:42
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-013A.078
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-013A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	70220	1.7			ug/L	%
	Ge	72	132759	117171	1.3			ug/L	%
>	**Sc-1**	45	585608	596328	0.8			ug/L	%
	Cr	52	6457	39767	1.0	**3.556**	0.023	ug/L	0.6 %
	In	115	1118182	932032	0.9			ug/L	%
	Tb	159	1333099	1161569	1.0			ug/L	%
	Sc	45	585608	596328	0.8			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:24:15
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-014A.079
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-014A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	68471	1.9			ug/L	%
	Ge	72	132759	116907	1.0			ug/L	%
>	**Sc-1**	45	585608	604937	0.6			ug/L	%
	Cr	52	6457	39453	0.7	**3.463**	0.017	ug/L	0.5 %
	In	115	1118182	932881	0.8			ug/L	%
	Tb	159	1333099	1151506	0.5			ug/L	%
	Sc	45	585608	604937	0.6			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:26:47
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-015A.080
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-015A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	74835	0.4			ug/L	%
	Ge	72	132759	116903	0.9			ug/L	%
>	**Sc-1**	45	585608	641625	0.5			ug/L	%
	Cr	52	6457	47860	1.5	**4.062**	0.079	ug/L	2.0 %
	In	115	1118182	921031	0.8			ug/L	%
	Tb	159	1333099	1143587	1.3			ug/L	%
	Sc	45	585608	641625	0.5			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:29:21
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCV.081
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCV
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	76585	1.4			ug/L	%
	Ge	72	132759	115161	0.3			ug/L	%
>	**Sc-1**	45	585608	540315	0.5			ug/L	%
	Cr	52	6457	85777	0.2	**9.439**	0.068	ug/L	0.7 %
	In	115	1118182	906993	0.4			ug/L	%
	Tb	159	1333099	1136221	0.6			ug/L	%
	Sc	45	585608	540315	0.5			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:31:55
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCB.082
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCB
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	76265	2.2			ug/L	%
	Ge	72	132759	113328	1.0			ug/L	%
>	**Sc-1**	45	585608	535468	0.5			ug/L	%
	Cr	52	6457	7916	1.4	**0.240**	0.017	ug/L	7.1 %
	In	115	1118182	897549	1.1			ug/L	%
	Tb	159	1333099	1128478	0.7			ug/L	%
	Sc	45	585608	535468	0.5			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:34:29
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-015ADUP.083
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-015ADUP
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	77028	0.5			ug/L	%
	Ge	72	132759	114623	1.1			ug/L	%
[>	**Sc-1**	45	585608	643787	0.2			ug/L	%
[	**Cr**	52	6457	44872	0.8	**3.749**	0.035	ug/L	0.9 %
	In	115	1118182	908141	0.2			ug/L	%
	Tb	159	1333099	1141536	1.1			ug/L	%
	Sc	45	585608	643787	0.2			ug/L	%

084

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:36:59
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-016A.084
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-016A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	71444	2.7			ug/L	%
	Ge	72	132759	118457	1.3			ug/L	%
>	**Sc-1**	45	585608	542395	0.5			ug/L	%
	Cr	52	6457	9205	1.4	**0.380**	0.020	ug/L	5.4 %
	In	115	1118182	939589	0.3			ug/L	%
	Tb	159	1333099	1163125	1.0			ug/L	%
	Sc	45	585608	542395	0.5			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:39:25
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-017A.085
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-017A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	70726	1.3			ug/L	%
	Ge	72	132759	116035	0.3			ug/L	%
>	**Sc-1**	45	585608	610021	0.5			ug/L	%
	Cr	52	6457	37244	1.4	**3.196**	0.035	ug/L	1.1 %
	In	115	1118182	916282	1.0			ug/L	%
	Tb	159	1333099	1138832	1.2			ug/L	%
	Sc	45	585608	610021	0.5			ug/L	%

086

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:41:52
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-018A.086
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-018A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	73115	1.1			ug/L	%
	Ge	72	132759	117272	1.8			ug/L	%
>	**Sc-1**	45	585608	596160	0.1			ug/L	%
	Cr	52	6457	70083	0.6	**6.807**	0.056	ug/L	0.8 %
	In	115	1118182	935393	1.7			ug/L	%
	Tb	159	1333099	1155989	1.0			ug/L	%
	Sc	45	585608	596160	0.1			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:44:19
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-019A.087
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-019A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	73070	2.0			ug/L	%
	Ge	72	132759	115238	0.7			ug/L	%
⌈>	**Sc-1**	45	585608	627678	0.3			ug/L	%
⌊	**Cr**	52	6457	754699	0.8	**76.122**	0.868	ug/L	1.1 %
	In	115	1118182	911400	0.9			ug/L	%
	Tb	159	1333099	1128933	1.0			ug/L	%
	Sc	45	585608	627678	0.3			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:46:47
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-020A.088
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-020A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	77337	0.7			ug/L	%
	Ge	72	132759	116488	1.4			ug/L	%
>	**Sc-1**	45	585608	633289	0.2			ug/L	%
	Cr	52	6457	70411	0.2	**6.399**	0.026	ug/L	0.4 %
	In	115	1118182	917669	1.0			ug/L	%
	Tb	159	1333099	1136724	0.9			ug/L	%
	Sc	45	585608	633289	0.2			ug/L	%

089

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:49:15
Dataset File: D:\ELAN\Dataset\2003\March\030328\MB-.089
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: MB- AL26761 WS 3/31/03
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	77982	3.2			ug/L	%
	Ge	72	132759	113903	1.3			ug/L	%
>	**Sc-1**	45	585608	535718	1.0			ug/L	%
	Cr	52	6457	7924	1.1	**0.241**	0.010	ug/L	4.4 %
	In	115	1118182	892091	0.5			ug/L	%
	Tb	159	1333099	1115727	0.6			ug/L	%
	Sc	45	585608	535718	1.0			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:51:43
Dataset File: D:\ELAN\Dataset\2003\March\030328\LCS-.090
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: LCS- LLC261 NS 3/31/03
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	77527	1.9			ug/L	%
	Ge	72	132759	113255	1.4			ug/L	%
>	**Sc-1**	45	585608	532968	0.4			ug/L	%
	Cr	52	6457	83889	0.2	**9.352**	0.030	ug/L	0.3 %
	In	115	1118182	901491	0.8			ug/L	%
	Tb	159	1333099	1132333	1.8			ug/L	%
	Sc	45	585608	532968	0.4			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:54:12
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-024AMS.091
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-024AMS
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	73580	1.3			ug/L	%
	Ge	72	132759	116658	0.6			ug/L	%
>	**Sc-1**	45	585608	610884	0.7			ug/L	%
	Cr	52	6457	147932	0.4	**14.769**	0.128	ug/L	0.9 %
	In	115	1118182	925390	1.3			ug/L	%
	Tb	159	1333099	1155039	1.8			ug/L	%
	Sc	45	585608	610884	0.7			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:56:42
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-024AMSD.092
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-024AMSD
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	74535	1.5			ug/L	%
	Ge	72	132759	118319	0.2			ug/L	%
>	**Sc-1**	45	585608	620975	0.4			ug/L	%
	Cr	52	6457	148510	1.0	**14.576**	0.098	ug/L	0.7 %
	In	115	1118182	941668	0.6			ug/L	%
	Tb	159	1333099	1169931	1.4			ug/L	%
	Sc	45	585608	620975	0.4			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 15:59:14
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCV.093
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCV
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	74698	2.5			ug/L	%
	Ge	72	132759	113860	0.6			ug/L	%
>	**Sc-1**	45	585608	534410	1.4			ug/L	%
	Cr	52	6457	85475	0.6	**9.516**	0.077	ug/L	0.8 %
	In	115	1118182	898199	0.5			ug/L	%
	Tb	159	1333099	1136584	0.7			ug/L	%
	Sc	45	585608	534410	1.4			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:01:48
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCB.094
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCB
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	75359	1.5			ug/L	%
	Ge	72	132759	114784	0.6			ug/L	%
>	**Sc-1**	45	585608	536509	0.6			ug/L	%
	Cr	52	6457	8310	2.6	**0.285**	0.022	ug/L	7.8 %
	In	115	1118182	906071	1.0			ug/L	%
	Tb	159	1333099	1139159	1.8			ug/L	%
	Sc	45	585608	536509	0.6			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:04:21
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-024A.095
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-024A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	72410	1.4			ug/L	%
	Ge	72	132759	116963	1.5			ug/L	%
>	**Sc-1**	45	585608	615076	0.4			ug/L	%
	Cr	52	6457	76006	1.8	**7.191**	0.122	ug/L	1.7 %
	In	115	1118182	938013	1.4			ug/L	%
	Tb	159	1333099	1164698	0.3			ug/L	%
	Sc	45	585608	615076	0.4			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:06:51
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-024ADUP.096
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-024ADUP
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	71172	1.5			ug/L	%
	Ge	72	132759	117247	0.7			ug/L	%
>	**Sc-1**	45	585608	610165	0.2			ug/L	%
	Cr	52	6457	77674	0.7	**7.429**	0.056	ug/L	0.7 %
	In	115	1118182	936862	0.7			ug/L	%
	Tb	159	1333099	1154166	0.4			ug/L	%
	Sc	45	585608	610165	0.2			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:09:22
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-021A.097
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-021A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	75247	1.3			ug/L	%
	Ge	72	132759	116080	0.7			ug/L	%
>	**Sc-1**	45	585608	640776	1.2			ug/L	%
	Cr	52	6457	121581	1.1	**11.419**	0.033	ug/L	0.3 %
	In	115	1118182	918507	0.4			ug/L	%
	Tb	159	1333099	1146098	1.1			ug/L	%
	Sc	45	585608	640776	1.2			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:11:54
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-022A.098
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-022A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	76914	1.7			ug/L	%
	Ge	72	132759	116560	0.2			ug/L	%
>	**Sc-1**	45	585608	581787	0.9			ug/L	%
	Cr	52	6457	63566	0.8	**6.277**	0.008	ug/L	0.1 %
	In	115	1118182	921639	0.9			ug/L	%
	Tb	159	1333099	1161676	1.1			ug/L	%
	Sc	45	585608	581787	0.9			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:14:26
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-023A.099
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-023A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	72414	2.7			ug/L	%
	Ge	72	132759	115917	0.2			ug/L	%
>	**Sc-1**	45	585608	589527	0.9			ug/L	%
	Cr	52	6457	92814	0.2	**9.355**	0.070	ug/L	0.7 %
	In	115	1118182	925757	0.1			ug/L	%
	Tb	159	1333099	1149268	0.9			ug/L	%
	Sc	45	585608	589527	0.9			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:16:58
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-025A.100
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-025A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	71349	1.8			ug/L	%
	Ge	72	132759	117275	1.2			ug/L	%
>	**Sc-1**	45	585608	593875	0.5			ug/L	%
	Cr	52	6457	75784	0.8	**7.449**	0.061	ug/L	0.8 %
	In	115	1118182	934970	1.8			ug/L	%
	Tb	159	1333099	1166412	1.3			ug/L	%
	Sc	45	585608	593875	0.5			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:19:27
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-026A.101
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-026A
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	71532	1.1			ug/L	%
	Ge	72	132759	117634	1.1			ug/L	%
>	**Sc-1**	45	585608	591596	0.3			ug/L	%
	Cr	52	6457	74021	0.4	**7.290**	0.010	ug/L	0.1 %
	In	115	1118182	933009	1.5			ug/L	%
	Tb	159	1333099	1172956	0.9			ug/L	%
	Sc	45	585608	591596	0.3			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:21:57
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCV.102
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCV
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	75437	1.4			ug/L	%
	Ge	72	132759	115217	1.1			ug/L	%
>	**Sc-1**	45	585608	540967	0.5			ug/L	%
	Cr	52	6457	85933	0.3	**9.445**	0.070	ug/L	0.7 %
	In	115	1118182	909190	0.9			ug/L	%
	Tb	159	1333099	1149368	1.0			ug/L	%
	Sc	45	585608	540967	0.5			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:24:31
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCB.103
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCB
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	75547	1.5			ug/L	%
	Ge	72	132759	115507	0.4			ug/L	%
>	**Sc-1**	45	585608	540577	0.6			ug/L	%
	Cr	52	6457	8340	1.2	**0.281**	0.017	ug/L	5.9 %
	In	115	1118182	916931	0.8			ug/L	%
	Tb	159	1333099	1156448	1.3			ug/L	%
	Sc	45	585608	540577	0.6			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:37:57
Dataset File: D:\ELAN\Dataset\2003\March\030328\100 ppb.104
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 100 ppb
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	72710	2.0			ug/L	%
	Ge	72	132759	116050	0.7			ug/L	%
>	**Sc-1**	45	585608	539767	0.8			ug/L	%
	Cr	52	6457	747666	0.2	**87.804**	0.824	ug/L	0.9 %
	In	115	1118182	925458	1.0			ug/L	%
	Tb	159	1333099	1158749	2.4			ug/L	%
	Sc	45	585608	539767	0.8			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:40:27
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCV.105
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCV
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	74238	1.2			ug/L	%
	Ge	72	132759	116773	0.6			ug/L	%
>	**Sc-1**	45	585608	548382	0.9			ug/L	%
	Cr	52	6457	87609	0.4	**9.504**	0.099	ug/L	1.0 %
	In	115	1118182	929241	1.3			ug/L	%
	Tb	159	1333099	1161222	1.1			ug/L	%
	Sc	45	585608	548382	0.9			ug/L	%

106

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 16:43:01
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCB.106
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCB
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	75250	2.2			ug/L	%
	Ge	72	132759	117650	0.9			ug/L	%
>	**Sc-1**	45	585608	555335	0.3			ug/L	%
	Cr	52	6457	8686	0.7	**0.295**	0.008	ug/L	2.7 %
	In	115	1118182	934317	0.9			ug/L	%
	Tb	159	1333099	1173386	0.2			ug/L	%
	Sc	45	585608	555335	0.3			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 17:09:42
Dataset File: D:\ELAN\Dataset\2003\March\030328\062092-019A 5X.108
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: 062092-019A 5X
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	70133	1.7			ug/L	%
	Ge	72	132759	121801	1.2			ug/L	%
>	**Sc-1**	45	585608	590581	0.3			ug/L	%
	Cr	52	6457	173586	0.8	**18.076**	0.139	ug/L	0.8 %
	In	115	1118182	986433	0.7			ug/L	%
	Tb	159	1333099	1194101	0.4			ug/L	%
	Sc	45	585608	590581	0.3			ug/L	%

108

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 17:12:12
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCV.109
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apci.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCV
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	76135	0.7			ug/L	%
	Ge	72	132759	118246	0.3			ug/L	%
>	**Sc-1**	45	585608	562220	0.0			ug/L	%
	Cr	52	6457	88700	0.3	**9.376**	0.032	ug/L	0.3 %
	In	115	1118182	937170	0.5			ug/L	%
	Tb	159	1333099	1156594	2.1			ug/L	%
	Sc	45	585608	562220	0.0			ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Friday, March 28, 2003 17:14:46
Dataset File: D:\ELAN\Dataset\2003\March\030328\CCB.110
Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth
Optimization File: c:\elandata\Optimize\default.dac
Number of Replicates: 3
Sample ID: CCB
Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD		Conc. RSD
	Li	7	64755	76098	1.4			ug/L	%
	Ge	72	132759	116644	2.0			ug/L	%
>	**Sc-1**	45	585608	558292	0.4			ug/L	%
	Cr	52	6457	8225	2.9	**0.237**	0.031	ug/L	12.9 %
	In	115	1118182	927695	1.1			ug/L	%
	Tb	159	1333099	1143608	0.8			ug/L	%
	Sc	45	585608	558292	0.4			ug/L	%

Applied P & Ch Laboratory
13760 Magnolia Ave. Chino CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

APCL Analytical Report

Submitted to:
GEOFON, Inc.
Attention: Leo Williamson
22632 Golden Spring Dr Ste 270
Diamond Bar CA 91765
Tel: (909)396-7662 Fax: (909)396-1455

Service ID #: 801-031425
Collected by:
Collected on: 01/29-02/03/03
Received: 01/29/03
Extracted: N/A
Tested: N/A
Reported: 03/07/03
Sample Description: Water
Project Description: 04-4428.10 JPL

Analysis of Water Samples

Component Analyzed	Method	Unit	PQL	Analysis Result DUPE-1-1Q03 03-01425-1	DUPE-2-1Q03 03-01425-2	EB-1-1/29/03 03-01425-3	EB-2-1/30/03 03-01425-4
CHROMIUM [a]							

Component Analyzed	Method	Unit	PQL	Analysis Result EB-3-2/3/03 03-01425-5	MW-19-1 03-01425-6	MW-19-2 03-01425-7	MW-19-3 03-01425-8
CHROMIUM [a]							

Component Analyzed	Method	Unit	PQL	Analysis Result MW-19-4 03-01425-9	MW-19-5 03-01425-10	MW-20-1 03-01425-11	MW-21-1 03-01425-12
CHROMIUM [a]							

Component Analyzed	Method	Unit	PQL	Analysis Result MW-21-2 03-01425-13	MW-20-2 03-01425-14	MW-20-3 03-01425-15	MW-21-3 03-01425-16
CHROMIUM [a]							

Component Analyzed	Method	Unit	PQL	Analysis Result MW-21-4 03-01425-17	MW-20-4 03-01425-18	MW-20-5 03-01425-19	MW-21-5 03-01425-20
CHROMIUM [a]							

PQL: Practical Quantitation Limit. MDL: Method Detection Limit. CRDL: Contract Required Detection Limit
N.D.: Not Detected or less than the practical quantitation limit. "-": Analysis is not required.
J: Reported between PQL and MDL.
Listed Dilution Factors (DF) are relative to the method default DF. All unlisted DFs are 1.0
[a] Subcontracted to Advanced Technology Laboratories Inc. See attached.

Respectfully submitted,

Dominic Lau
Laboratory Director
Applied P & Ch Laboratory

GEOFON INCORPORATED
22632 GOLDEN SPRINGS DR., SUITE 270
DIAMOND BAR, CA 91765 • (909) 396-7662 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

MW-19 0003

GEOFON's LAB COORDINATOR: Brad Shojaee	LAB COORDINATOR'S PHONE: (909) 396-7662	LAB COORDINATOR'S FAX: (909) 396-1455	LABORATORY SERVICE ID: –	LABORATORY CONTACT: Kenny Chan	MAIL REPORT (COMPANY NAME): GEOFON, INC.
PROJECT NAME: JPL GW Mon-1Q03	PROJECT LOCATION: MW-19 Pasadena City Yard	PROJECT NUMBER: 04-4428.10	LABORATORY PHONE: (909) 590-1828	LABORATORY FAX: (909) 590-1498	RECIPIENT NAME: Leo W. Williamson
PROJECT CONTACT: Leo W. Williamson	PROJECT PHONE NUMBER: (714) 920-8729	PROJECT FAX: (909) 396-1455	LABORATORY ADDRESS: 13760 Magnolia Ave		ADDRESS: 22632 Golden Springs Dr. #270
PROJECT ADDRESS: 4800 Oak Grove Dr.	CITY, STATE AND ZIPCODE: Pasadena, CA.	CLIENT: US NAVY, SWDIV	CITY, STATE AND ZIPCODE: Chino, CA 91710		CITY, STATE AND ZIPCODE: Diamond Bar, CA 91765
PROJECT MANAGER: Asrar Faheem	PROJECT MANAGER'S PHONE: (909) 396-7662	PROJECT MANAGER'S FAX: (909) 396-1455			

Item	Sample Identifier	Matrix	Date	Time (8/10)	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: 524.2 (VOCs)	314.0 (Perchlorates)	200.8 (Total Chromium)	7196 (Hex Chrome)					Comments
1	MW-19-5	H_2O	2/3/03	~~HCl HNO3 NONE~~	HCl HNO3 NONE	3+1+1	III	NORMAL	X	X	X	X					
2	MW-19-4	↓	↓	920	↓	↓	↓	↓	X	X	X	X					
3	MW-19-3	↓	↓	1105	↓	↓	↓	↓	X	X	X	X					
4	MW-19-2	↓	↓	1020	↓	↓	↓	↓	X	X	X	X					1425
5	MW-19-1	↓	↓	1145	↓	↓	↓	↓	X	X	X	X					
6																	
7	TB-3-2/3/03	H_2O	2/3/03	N/A	HCl	2	III	NORMAL	X								
8	EB-3-2/3/03	↓	↓	925	HCl HNO3 NONE	3+1+1	↓	↓	X	X	X	X					
9	DUPE-2-1Q03	↓	N/A	N/A	↓	3+1+1	IV	↓	X	X	X	X					DUPLICATE SAMPLE
10																	

SAMPLES COLLECTED BY: Leo W. Williamson

COURIER AND AIR BILL NUMBER:

COOLER TEMPERATURE UPON RECEIPT

RELINQUISHED BY	RECEIVED BY	DATE	TIME
Leo W. Williamson	[signature]	2/3/03	1350
[signature]	[signature]	2/3/03	1440

SAMPLE'S CONDITION UPON RECEIPT

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

GEOFON INCORPORATED

22632 GOLDEN SPRINGS DR., SUITE 270
DIAMOND BAR, CA 91765 • (909) 396-7662 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

MW-21 0001

GEOFON's LAB COORDINATOR: Brad Shojaee	LAB COORDINATOR'S PHONE: (909) 396-7662	LAB COORDINATOR'S FAX: (909) 396-1455	LABORATORY SERVICE ID	LABORATORY CONTACT: Kenny Chan	MAIL REPORT (COMPANY NAME): GEOFON, INC.
PROJECT NAME: JPL GW Monitoring	PROJECT LOCATION: MW-21 - Hacharonga Park	PROJECT NUMBER: 04-4428/0	LABORATORY PHONE: (909) 590-1828	LABORATORY FAX: (909) 590-1498	RECIPIENT NAME: Leo W. Williamson
PROJECT CONTACT: Leo W. Williamson	PROJECT PHONE NUMBER: (714) 920-8729	PROJECT FAX: (909) 396-1455	LABORATORY ADDRESS: 13760 Magnolia Ave		ADDRESS: 22632 Golden Springs Dr, #270
PROJECT ADDRESS: 4800 Oak Grove Dr.	CITY, STATE AND ZIPCODE: Pasadena, CA.	CLIENT: US NAVY SWDIV	CITY, STATE AND ZIPCODE: Chino, CA. 91710		CITY, STATE AND ZIPCODE: Diamond Bar, CA 91765
PROJECT MANAGER: Asrar Faheem	PROJECT MANAGER'S PHONE: (909) 396-7662	PROJECT MANAGER'S FAX: (909) 396-7662			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont	QC Level	T.A.T	Analyses: 524.2 (VOCs)	314.0 (Perchlorate)	200.8 (Total Chromium)	7196 (Hex Chrome)	Comments
1	MW-21-5	H_2O	1/29/03	840	HCl / HNO_3 / None	3+1+1	III	NORMAL	X	X	X	X	NOTE: 314.0 & 7196 Samples are in the same 500ml poly.
2	MW-21-4			915					X	X	X	X	
3	MW-21-3			1245					X	X	X	X	
4	MW-21-2			1320					X	X	X	X	
5	MW-21-1	↓	↓	1400	↓	↓	↓	↓	X	X	X	X	
6													
7	TB-1-1/29/03	H_2O	N/A	N/A	HCl	2	III	NORMAL	X				
8	SOURCE BLANK-1	↓	1/29/03	1100	HCl	3	↓	↓	X				
9	EB-1-1/29/03	↓	↓	1410	HCl / HNO_3 / None	3+1+1	↓	↓	X	X	X	X	
10													

SAMPLES COLLECTED BY: Leo W. Williamson

COURIER AND AIR BILL NUMBER:

COOLER TEMPERATURE UPON RECEIPT

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Leo W. Williamson	Richard Atkinson	1-29-03	1500	
Richard Atkinson		1-29-03	1600	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

GEOFON INCORPORATED

22632 GOLDEN SPRINGS DR., SUITE 270
DIAMOND BAR, CA 91765 • (909) 396-7662 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

MW-20 0002

GEOFON's LAB COORDINATOR: Brad Shojaee	LAB COORDINATOR'S PHONE: (909) 396-7662	LAB COORDINATOR'S FAX: (909) 396-1455	LABORATORY SERVICE ID:	LABORATORY CONTACT: Kenny Chan	MAIL REPORT (COMPANY NAME): GEOFON, INC.
PROJECT NAME: JPL GW Monitoring	PROJECT LOCATION: MW-20 Intersec. Lincoln/Mt. View	PROJECT NUMBER: 04-4428.10	LABORATORY PHONE: (909) 590-1828	LABORATORY FAX: (909) 590-1498	RECIPIENT NAME: Leo W. Williamson
PROJECT CONTACT: Leo W. Williamson	PROJECT PHONE NUMBER: (714) 920-8729	PROJECT FAX: (909) 396-1455	LABORATORY ADDRESS: 13760 Magnolia Ave		ADDRESS: 22632 Golden Springs Dr #270
PROJECT ADDRESS: 4800 Oak Grove Dr.	CITY, STATE AND ZIPCODE: Pasadena, CA.	CLIENT: US NAVY SWDIV	CITY, STATE AND ZIPCODE: Chino, CA. 91710		CITY, STATE AND ZIPCODE: Diamond Bar, CA. 91765
PROJECT MANAGER: Asrar Faheem	PROJECT MANAGER'S PHONE: (909) 396-7662	PROJECT MANAGER'S FAX: (909) 396-1455			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont	QC Level	T.A.T	Analyses: 524.2 (VOCs)	314.0 (Perchlorate)	200.8 (TOTAL Chromium)	7196 (Hex Chrome)	Comments
1	MW-20-5	H_2O	1/30/03	825	HCl / HNO_3 / NONE	3+1+1	III	NORMAL	X	X	X	X	
2	MW-20-4			925					X	X	X	X	
3	MW-20-3			1055					X	X	X	X	MS/MSD
4	MW-20-2			1140					X	X	X	X	
5	MW-20-1								X	X	X	X	1125
6													
7	TB-2-1130/03	H_2O	N/A	HCl	N/A	2	III	NORMAL	X				
8	EB-2-1/30/03		1/30/03	HCl HNO_3 NONE		3+1+1			X	X	X	X	
9	DUPE-1-1003				N/A	3+1+1	IV		X	X	X	X	DUPLICATE SAMPLE
10													

SAMPLES COLLECTED BY: Leo W. Williamson

COURIER AND AIR BILL NUMBER:

COOLER TEMPERATURE UPON RECEIPT

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Leo W. Williamson	Adam Wood	1/30/03	1445	
Adam WOOD		1/30/03	1745	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Applied P & Ch Laboratory
13760 Magnolia Ave., Chino CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

Sample Receiving Checklist

APCL ServiceID: 1125 **Client Name/Project:** Geotek / JPL

1. Sample Arrival

Date/Time Received 1/29/03 1600 Date/Time Opened 1/29/03 1630 By (name): Kenny Chan

Custody Transfer: ☐ Client ☐ Golden State ☐ UPS ☐ US Mail ☐ FedEx ☑ APCL Empl: Richard Stinson

2. Chain-of-Custody (CoC)

☑ With Samples? ☐ Faxed? ☐ Client has Copy? ☐ Signed, dated? By: _____
☐ Project ID? ☐ Analyses Clear? ☐ Hold Samples? #on Hold _____ # Received 8
☐ CoC/Docs Zip-Locked under lid? ☐ Compos.#: _ ☑ #Samples OK? _____
☐ Discrepancies? ☐ Client notified? ☐ Response (attach docs): _____

3. Shipping Container/Cooler

☐ Cooler Used? # of 1 Cooled by: ☑ Ice ☐ Blue Ice ☐ Dry Ice ☐ None

Temp °C 4.5 _____ _____ _____ _____ _____

(Cooler temperature measured from temp blank if present, otherwise measured from the cooler).

Cooler Custody Seal? ☐ Absent ☐ Intact ☐ Tampered?

4. Sample Preservation

☐ **pH <2** ☐ pH >12

If Not, pH = _____ Preserved by: ☐ Client ☐ APCL ☐ Third Party _____

5. Holding-time Requirements

☐ pH 24hr ☐ BACT 6/24hr ☑ Cr^{VI} 24hr ☐ NO_3^- 48hr ☐ BOD 48hr
☐ Cl_2 ASAP ☐ Turbidity 48hr ☐ DO ASAP ☐ Fe(II) ASAP
☐ HT Expired? ☐ Client notified?

6. Sample Container Condition

☑ Intact? ☐ Broken? ☐ Documented? Number: _____
Type: ☑ plastic ☑ glass ☐ Tube: brass/SS ☐ Tedlar Bag
☐ Quantity OK? ☐ Leaking? ☐ Anomaly?
☑ Caps tight? ☐ Air Bubbles? ☐ Anomaly?
Labels: ☑ Unique ID? ☑ Date/Time ☐ Preserved?

7. Turn Around Time

☐ RUSH TAT: _____ ☑ Std (7-10 days) ☐ Not Marked

8. Sample Matrix

☐ Drinking H_2O ☑ Other Liq ☐ Soil ☐ Wipe ☐ Polymer ☐ Air ☐ Other: _____
☐ Ground H_2O ☐ Sludge ☐ Filter ☐ Oil/Petro ☐ Paint ☐ W. Water ☐ Extract ☐ Unknown

9. Pre-Login Check List Completed & OK?

☑ ALL OK? (if not, attach docs) ☐ Client Contact? (Name:_____)Date/Time:_____

Received/Checked by: Kenny Chan Date: 29 Jan 2003 Time: 7:35 a.m.

*HT: Samples must be analyzed for results to reflect total concentrations. Results generated outside required of holding times are considered minimal values and may be used to define waste as hazardous but not as non-hazardous.

DocumentFile: [neal.texfiles]smprcl.tex.

Applied P & Ch Laboratory
13760 Magnolia Ave., Chino CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

Sample Receiving Checklist

APCL ServiceID: 1125 **Client Name/Project:** Geotn

1. Sample Arrival

Date/Time Received 1/30/03 1745 Date/Time Opened 1/30/03 1745 By (name): Kenny Thurn

Custody Transfer: ☐ Client ☐ Golden State ☐ UPS ☐ US Mail ☐ FedEx ☑ APCL Empl: Adam Abood

2. Chain-of-Custody (CoC)

☑ With Samples? ☐ Faxed? ☐ Client has Copy? ☐ Signed, dated? By: _____

☑ Project ID? ☑ Analyses Clear? ☐ Hold Samples? #on Hold _____ # Received 8

☑ CoC/Docs Zip-Locked under lid? ☐ Compos.#: _ ☑ #Samples OK? _____

☐ Discrepancies? ☐ Client notified? ☐ Response (attach docs): _____

3. Shipping Container/Cooler

☑ Cooler Used? # of 1 Cooled by: ☑ Ice ☐ Blue Ice ☐ Dry Ice ☐ None

Temp °C 4.4

(Cooler temperature measured from temp blank if present, otherwise measured from the cooler).

Cooler Custody Seal? ☐ Absent ☐ Intact ☐ Tampered?

4. Sample Preservation

☐ **pH <2** ☐ pH >12

If Not, pH = _____ Preserved by: ☐ Client ☐ APCL ☐ Third Party _____

5. Holding-time Requirements

☐ pH 24hr ☐ BACT 6/24hr ☑ Cr^{VI} 24hr ☐ NO_3^- 48hr ☐ BOD 48hr

☐ Cl_2 ASAP ☐ Turbidity 48hr ☐ DO ASAP ☐ Fe(II) ASAP

☐ HT Expired? ☐ Client notified?

6. Sample Container Condition

☑ Intact? ☐ Broken? ☐ Documented? Number: _____

Type: ☑ plastic ☑ glass ☐ Tube: brass/SS ☐ Tedlar Bag

☑ Quantity OK? ☐ Leaking? ☐ Anomaly?

☑ Caps tight? ☐ Air Bubbles? ☐ Anomaly?

Labels: ☑ Unique ID? ☑ Date/Time ☐ Preserved?

7. Turn Around Time

☐ RUSH TAT: _____ ☑ Std (7-10 days) ☐ Not Marked

8. Sample Matrix

☐ Drinking H_2O ☑ Other Liq ☐ Soil ☐ Wipe ☐ Polymer ☐ Air ☐ Other: _____

☐ Ground H_2O ☐ Sludge ☐ Filter ☐ Oil/Petro ☐ Paint ☐ W. Water ☐ Extract ☐ Unknown

9. Pre-Login Check List Completed & OK?

☑ ALL OK? (if not, attach docs) ☐ Client Contact? (Name:_____)Date/Time:_____

Received/Checked by: _____ Date: 30 Jan 2003 Time: 7:33 a.m.

*HT: Samples must be analyzed for results to reflect total concentrations. Results generated outside required of holding times are considered minimal values and may be used to define waste as hazardous but not as non-hazardous.

DocumentFile: [neal.texfiles]smprcl.tex.

Applied P & Ch Laboratory
13760 Magnolia Ave., Chino CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

Sample Receiving Checklist

APCL ServiceID: 1425 **Client Name/Project:** Geofon Inc

1. Sample Arrival

Date/Time Received 2/3/03 1350 Date/Time Opened 2/3/03 1440 By (name): Paul Ka

Custody Transfer: ☐ Client ☐ Golden State ☐ UPS ☐ US Mail ☐ FedEx ☑ APCL Empl: R. Stratton

2. Chain-of-Custody (CoC)

☑ With Samples? ☐ Faxed? ☑ Client has Copy? ☑ Signed, dated? By: L.W

☑ Project ID? ☐ Analyses Clear? ☐ Hold Samples? #on Hold _____ # Received 8

☑ CoC/Docs Zip-Locked under lid? ☐ Compos.#: _ ☑ #Samples OK? _____

☐ Discrepancies? ☐ Client notified? ☐ Response (attach docs): _____

3. Shipping Container/Cooler

☑ Cooler Used? # of 1 Cooled by: ☑ Ice ☐ Blue Ice ☐ Dry Ice ☐ None

Temp °C 3.4°C

(Cooler temperature measured from temp blank if present, otherwise measured from the cooler).

Cooler Custody Seal? ☑ Absent ☐ Intact ☐ Tampered?

4. Sample Preservation

☐ **pH <2** ☐ pH >12

If Not, pH = _____ Preserved by: ☐ Client ☐ APCL ☐ Third Party _____

5. Holding-time Requirements

☐ pH 24hr ☐ BACT 6/24hr ☐ Cr^{VI} 24hr ☐ NO_3^- 48hr ☐ BOD 48hr

☐ Cl_2 ASAP ☐ Turbidity 48hr ☐ DO ASAP ☐ Fe(II) ASAP

☐ HT Expired? ☐ Client notified?

6. Sample Container Condition

☑ Intact? ☐ Broken? ☐ Documented? Number: _____

Type: ☑ plastic ☑ glass ☐ Tube: brass/SS ☐ Tedlar Bag

☑ Quantity OK? ☐ Leaking? ☐ Anomaly?

☑ Caps tight? ☐ Air Bubbles? ☐ Anomaly?

Labels: ☑ Unique ID? ☐ Date/Time ☐ Preserved?

7. Turn Around Time

☑ RUSH TAT: 5day ☐ Std (7-10 days) ☐ Not Marked

8. Sample Matrix

☐ Drinking H_2O ☑ Other Liq ☐ Soil ☐ Wipe ☐ Polymer ☐ Air ☐ Other: _____

☐ Ground H_2O ☐ Sludge ☐ Filter ☐ Oil/Petro ☐ Paint ☐ W. Water ☐ Extract ☐ Unknown

9. Pre-Login Check List Completed & OK?

☑ ALL OK? (if not, attach docs) ☐ Client Contact? (Name:_____)Date/Time:_____

Received/Checked by: Paul C Date: 3 Feb 2003 Time: 7:37 a.m.

*HT: Samples must be analyzed for results to reflect total concentrations. Results generated outside required of holding times are considered minimal values and may be used to define waste as hazardous but not as non-hazardous.

DocumentFile: [neal.texfiles]smprcl.tex.

Applied P & Ch Laboratory
13760 Magnolia Ave. Chino CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

Sample Login: Check List 2nd

03-01425 (0470_ 106) (2202777_ 106)

02/03/03

Part 1: General Information

☐	Company Information	Name:	*GEOFON, Inc.*
		Address:	*22632 Golden Spring Dr Ste 270 ,Diamond Bar ,CA 91765*
☐	Project Information	Project Description:	*JPL*
		Project #:	*04-4428.10*
☐	Billing Information	P.O. #:	
		Bill Address:	*22632 Golden Spring Dr Ste 270 ,Diamond Bar ,CA 91765*
		Lab Project ID:	
		Client Database #:	*3*
☐	Receiving Information	Who Received Sample?	*Kenny Chan*
		Receiving Date/Time:	*01/29/03 1600*
		COC No.	
☐	Shipping Information	Shipping Company	*APCL pick up*
		Packing Information:	*Cooler/Ice Chester*
		Cooler Temperature:	*4.5 4.4 3.4 °C*
☐	Container Information	Container Provider:	*Client*
☐	Sampling Information	Sampling Person:	
		Sampling Company:	*Client*
☐	Turn-Around-Time Option:		*Rush 5 working day(s)*
☐	QC Option:		*NEESA D*
☐	Disposal Option:		*Not specify*

Part 2: Sample Information

Seq. #	Sample ID (on COC)	Sample Sub-ID	APCL Sample ID	Matrix	Cont-tainer	Preser-vative	Vol, ml Am. g	# of Replica	Condition G, L, B	Collected mmddyy	Hold ?	Composite Group	TAT Days	
1	MW-21-5	Metal	03-01425-20	W	P	N	500	1	G	012903	N	0	7	☐
2	MW-21-4	Metal	03-01425-17	W	P	N	500	1	G	012903	N	0	7	☐
3	MW-21-3	Metal	03-01425-16	W	P	N	500	1	G	012903	N	0	7	☐
4	MW-21-2	Metal	03-01425-13	W	P	N	500	1	G	012903	N	0	7	☐
5	MW-21-1	Metal	03-01425-12	W	P	N	500	1	G	012903	N	0	7	☐
6	EB-1-1/29/03	Metal	03-01425-3	W	P	N	500	1	G	012903	N	0	7	☐
7	MW-20-5	Metal	03-01425-19	W	P	N	500	1	G	013003	N	0	7	☐
8	MW-20-4	Metal	03-01425-18	W	P	N	500	1	G	013003	N	0	7	☐
9	MW-20-3	Metal	03-01425-15	W	P	N	500	2	G	013003	N	0	7	☐
10	MW-20-2	Metal	03-01425-14	W	P	N	500	1	G	013003	N	0	7	☐
11	MW-20-1	Metal	03-01425-11	W	P	N	500	1	G	013003	N	0	7	☐
12	EB-2-1/30/03	Metal	03-01425-4	W	P	N	500	1	G	013003	N	0	7	☐
13	DUPE-1-1Q03	Metal	03-01425-1	W	P	N	500	1	G	013003	N	0	7	☐
14	MW-19-5	Metal	03-01425-10	W	P	N	500	1	G	020303	N	0	7	☐
15	MW-19-4	Metal	03-01425-9	W	P	N	500	1	G	020303	N	0	7	☐
16	MW-19-3	Metal	03-01425-8	W	P	N	500	1	G	020303	N	0	7	☐
17	MW-19-2	Metal	03-01425-7	W	P	N	500	1	G	020303	N	0	7	☐
18	MW-19-1	Metal	03-01425-6	W	P	N	500	1	G	020303	N	0	7	☐
19	EB-3-2/3/03	Metal	03-01425-5	W	P	N	500	1	G	020303	N	0	7	☐
20	DUPE-2-1Q03	Metal	03-01425-2	W	P	N	500	1	G	020303	N	0	7	☐

Part 3: Analysis Information

Test Items: ☐ *200.7/6010B* Chromium, Cr, by ICP

Seq. #	Client"s Sample ID (as given on COC)	Sample Sub-ID	APCL Sample ID	Matrix	CR	
1	MW-21-5	Metal	03-01425-20	W	X	☐
2	MW-21-4	Metal	03-01425-17	W	X	☐
3	MW-21-3	Metal	03-01425-16	W	X	☐
4	MW-21-2	Metal	03-01425-13	W	X	☐
5	MW-21-1	Metal	03-01425-12	W	X	☐
6	EB-1-1/29/03	Metal	03-01425-3	W	X	☐
7	MW-20-5	Metal	03-01425-19	W	X	☐
8	MW-20-4	Metal	03-01425-18	W	X	☐
9	MW-20-3	Metal	03-01425-15	W	X	☐
10	MW-20-2	Metal	03-01425-14	W	X	☐
11	MW-20-1	Metal	03-01425-11	W	X	☐
12	EB-2-1/30/03	Metal	03-01425-4	W	X	☐
13	DUPE-1-1Q03	Metal	03-01425-1	W	X	☐
14	MW-19-5	Metal	03-01425-10	W	X	☐
15	MW-19-4	Metal	03-01425-9	W	X	☐

16	MW-19-3	Metal	03-01425-8	W	X	☐
17	MW-19-2	Metal	03-01425-7	W	X	☐
18	MW-19-1	Metal	03-01425-6	W	X	☐
19	EB-3-2/3/03	Metal	03-01425-5	W	X	☐
20	DUPE-2-1Q03	Metal	03-01425-2	W	X	☐

☐ Client"s Requirement: **RUN MS/MSD ON SAMPLE (#15)** EPK 2/3/03

Login By En-Yu Paul Kou

Check By PK