

Daily Performance Report

Sample ID: DPC

Sample Date/Time: Tuesday, January 29, 2002 13:32:05

Sample Description: DAILY PERFORMANCE CHECK

Method File: d:\elandata\Method\DAIly PERF TO SAVE REPORT.mth

Dataset File: d:\elandata\Dataset\daily performance\DPC.001

Tuning File: d:\elandata\Tuning\default.tun

Optimization File: d:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

Reviewed by,
 All ok JB 5/9/02
 Includes 1/29/02 - 2/14/02
 except 2/2, 2/3, 2/9, 2/10, 2/12

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
Mg	24.0	76485.8	76485.815 ^{720K}	439.207	0.6
Rh	102.9	357177.6	357177.648 ^{7150K}	3886.768	1.1
In	114.9	482422.1	482422.104	4650.851	1.0
Pb	208.0	314033.7	314033.667 ^{750K}	2266.485	0.7
[> Ba	137.9	415725.2	415725.193	3067.051	0.7
[Ba++	69.0	5493.0	0.013 ^{10.03}	0.000	0.5
[> Ce	139.9	512270.2	512270.234	4442.327	0.9
[CeO	155.9	14290.0	0.028 ^{10.03}	0.000	0.7
Bkgd	220.0	17.8 ¹³⁰	17.767	2.715	15.3

Current Optimization File Data

Current Value	Description
0.89	Nebulizer Gas Flow
6.25	Lens Voltage
1000.00	ICP RF Power
-1887.50	Analog Stage Voltage
1500.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-6.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	5.8	7558.2
Al	27	21	6.0	179221.1
Sc	45	21	6.0	1010866.2
V	51	21	6.0	222947.9
Cr	52	21	6.3	202078.3
Mn	55	21	6.3	303423.5
Ni	58	21	6.0	128259.7
Co	59	21	6.3	223383.4
Cu	63	21	6.0	116913.1
Zn	64	21	6.3	63718.2
Cu	65	21	6.5	57939.6
Zn	66	21	6.3	38135.2
Zn	68	21	6.3	27276.1
Ge	74	21	6.5	265184.8
As	75	21	6.3	34129.3

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Se	82	21	6.8	6352.3
Mo	98	21	6.5	107887.5
Ag	107	21	6.8	189282.1
Cd	114	21	6.8	108469.3
In	115	14	7.8	1949090.0
Sb	121	21	6.8	146060.4
Sb	123	21	6.5	112335.9
Ba	136	21	6.8	66467.8
Ba	138	21	6.5	519633.4
Ho	165	8	5.8	1782440.3
Tl	205	21	8.3	579809.0
Pb	208	21	8.0	393369.3

Daily Performance Report

Sample ID: DPC

Sample Date/Time: Wednesday, January 30, 2002 08:57:47

Sample Description: DAILY PERFORMANCE CHECK

Method File: d:\elandata\Method\DAIly PERF TO SAVE REPORT.mth

Dataset File: d:\elandata\Dataset\daily performance\DPC.041

Tuning File: d:\elandata\Tuning\default.tun

Optimization File: d:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
Mg	24.0	74639.9	74639.897	339.889	0.5
Rh	102.9	341213.0	341212.998	2410.579	0.7
In	114.9	465613.3	465613.346	3746.651	0.8
Pb	208.0	302535.9	302535.856	1371.702	0.5
[> Ba	137.9	404923.0	404923.037	1587.279	0.4
[Ba++	69.0	5501.4	0.014	0.000	0.4
[> Ce	139.9	497565.7	497565.717	1671.233	0.3
[CeO	155.9	13504.5	0.027	0.000	0.8
Bkgd	220.0	17.5	17.500	1.137	6.5

Current Optimization File Data

Current Value	Description
0.89	Nebulizer Gas Flow
6.25	Lens Voltage
1000.00	ICP RF Power
-1887.50	Analog Stage Voltage
1500.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-6.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	5.8	7558.2
Al	27	21	6.0	179221.1
Sc	45	21	6.0	1010866.2
V	51	21	6.0	222947.9
Cr	52	21	6.3	202078.3
Mn	55	21	6.3	303423.5
Ni	58	21	6.0	128259.7
Co	59	21	6.3	223383.4
Cu	63	21	6.0	116913.1
Zn	64	21	6.3	63718.2
Cu	65	21	6.5	57939.6
Zn	66	21	6.3	38135.2
Zn	68	21	6.3	27276.1
Ge	74	21	6.5	265184.8
As	75	21	6.3	34129.3

Sample ID: DPC

Report Date/Time: Wednesday, January 30, 2002 09:01:12

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Se	82	21	6.8	6352.3
Mo	98	21	6.5	107887.5
Ag	107	21	6.8	189282.1
Cd	114	21	6.8	108469.3
In	115	14	7.8	1949090.0
Sb	121	21	6.8	146060.4
Sb	123	21	6.5	112335.9
Ba	136	21	6.8	66467.8
Ba	138	21	6.5	519633.4
Ho	165	8	5.8	1782440.3
Tl	205	21	8.3	579809.0
Pb	208	21	8.0	393369.3

Daily Performance Report

Sample ID: DPC

Sample Date/Time: Thursday, January 31, 2002 10:36:54

Sample Description: DAILY PERFORMANCE CHECK

Method File: d:\elandata\Method\DAIly PERF TO SAVE REPORT.mth

Dataset File: d:\elandata\Dataset\daily performance\DPC.047

Tuning File: d:\elandata\Tuning\default.tun

Optimization File: d:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
Mg	24.0	70103.7	70103.747	670.720	1.0
Rh	102.9	291744.0	291743.967	3322.298	1.1
In	114.9	392051.0	392050.959	6747.591	1.7
Pb	208.0	244495.9	244495.917	6287.398	2.6
[> Ba	137.9	337276.7	337276.682	6643.941	2.0
[Ba++	69.0	4661.2	0.014	0.000	2.0
[> Ce	139.9	418853.4	418853.435	7114.802	1.7
[CeO	155.9	11687.6	0.028	0.000	0.8
Bkgd	220.0	12.4	12.433	0.976	7.9

Current Optimization File Data

Current Value	Description
0.89	Nebulizer Gas Flow
6.25	Lens Voltage
1000.00	ICP RF Power
-1887.50	Analog Stage Voltage
1500.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-6.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	5.8	7558.2
Al	27	21	6.0	179221.1
Sc	45	21	6.0	1010866.2
V	51	21	6.0	222947.9
Cr	52	21	6.3	202078.3
Mn	55	21	6.3	303423.5
Ni	58	21	6.0	128259.7
Co	59	21	6.3	223383.4
Cu	63	21	6.0	116913.1
Zn	64	21	6.3	63718.2
Cu	65	21	6.5	57939.6
Zn	66	21	6.3	38135.2
Zn	68	21	6.3	27276.1
Ge	74	21	6.5	265184.8
As	75	21	6.3	34129.3

Sample ID: DPC

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Se	82	21	6.8	6352.3
Mo	98	21	6.5	107887.5
Ag	107	21	6.8	189282.1
Cd	114	21	6.8	108469.3
In	115	14	7.8	1949090.0
Sb	121	21	6.8	146060.4
Sb	123	21	6.5	112335.9
Ba	136	21	6.8	66467.8
Ba	138	21	6.5	519633.4
Ho	165	8	5.8	1782440.3
Tl	205	21	8.3	579809.0
Pb	208	21	8.0	393369.3

Daily Performance Report

Sample ID: DPC

Sample Date/Time: Friday, February 01, 2002 08:47:42

Sample Description: DAILY PERFORMANCE CHECK

Method File: d:\elandata\Method\DAIly PERF TO SAVE REPORT.mth

Dataset File: d:\elandata\Dataset\daily performance\DPC.097

Tuning File: d:\elandata\Tuning\default.tun

Optimization File: d:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	75347.0	75346.962	377.454	0.5
	Rh	102.9	331742.4	331742.437	1660.000	0.5
	In	114.9	448039.5	448039.544	2543.090	0.6
	Pb	208.0	288947.5	288947.518	1539.585	0.5
[>	Ba	137.9	392173.8	392173.752	2582.116	0.7
[	Ba++	69.0	5669.4	0.014	0.000	0.9
[>	Ce	139.9	484688.2	484688.224	1617.642	0.3
[	CeO	155.9	14487.0	0.030	0.000	1.0
	Bkgd	220.0	16.4	16.434	0.751	4.6

Current Optimization File Data

Current Value	Description
0.89	Nebulizer Gas Flow
6.25	Lens Voltage
1000.00	ICP RF Power
-1887.50	Analog Stage Voltage
1500.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-6.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	5.8	7558.2
Al	27	21	6.0	179221.1
Sc	45	21	6.0	1010866.2
V	51	21	6.0	222947.9
Cr	52	21	6.3	202078.3
Mn	55	21	6.3	303423.5
Ni	58	21	6.0	128259.7
Co	59	21	6.3	223383.4
Cu	63	21	6.0	116913.1
Zn	64	21	6.3	63718.2
Cu	65	21	6.5	57939.6
Zn	66	21	6.3	38135.2
Zn	68	21	6.3	27276.1
Ge	74	21	6.5	265184.8
As	75	21	6.3	34129.3

Sample ID: DPC

Report Date/Time: Friday, February 01, 2002 08:51:08

Page 1

Se	82	21	6.8	6352.3
Mo	98	21	6.5	107887.5
Ag	107	21	6.8	189282.1
Cd	114	21	6.8	108469.3
In	115	14	7.8	1949090.0
Sb	121	21	6.8	146060.4
Sb	123	21	6.5	112335.9
Ba	136	21	6.8	66467.8
Ba	138	21	6.5	519633.4
Ho	165	8	5.8	1782440.3
Tl	205	21	8.3	579809.0
Pb	208	21	8.0	393369.3

Daily Performance Report

Sample ID: DPC

Sample Date/Time: Monday, February 04, 2002 10:58:30

Sample Description: DAILY PERFORMANCE CHECK

Method File: d:\elandata\Method\Daily.mth

Dataset File: d:\elandata\Dataset\daily performance\DPC.181

Tuning File: d:\elandata\Tuning\default.tun

Optimization File: d:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
Mg	24.0	77582.6	77582.648	374.207	0.5
Rh	102.9	339148.1	339148.139	2834.276	0.8
In	114.9	459393.9	459393.928	2679.748	0.6
Pb	208.0	299782.2	299782.225	1101.065	0.4
[> Ba	137.9	398516.4	398516.441	1600.637	0.4
[Ba++	69.0	5566.0	0.014	0.000	1.0
[> Ce	139.9	490599.8	490599.799	3248.484	0.7
[CeO	155.9	14932.0	<u>0.030</u>	0.000	0.6
Bkgd	220.0	15.3	15.267	2.573	16.9

Current Optimization File Data

Current Value	Description
0.89	Nebulizer Gas Flow
6.25	Lens Voltage
1000.00	ICP RF Power
-1887.50	Analog Stage Voltage
1500.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-6.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	5.8	7558.2
Al	27	21	6.0	179221.1
Sc	45	21	6.0	1010866.2
V	51	21	6.0	222947.9
Cr	52	21	6.3	202078.3
Mn	55	21	6.3	303423.5
Ni	58	21	6.0	128259.7
Co	59	21	6.3	223383.4
Cu	63	21	6.0	116913.1
Zn	64	21	6.3	63718.2
Cu	65	21	6.5	57939.6
Zn	66	21	6.3	38135.2
Zn	68	21	6.3	27276.1
Ge	74	21	6.5	265184.8
As	75	21	6.3	34129.3

Sample ID: DPC

Report Date/Time: Monday, February 04, 2002 11:01:57

Page 1

Se	82	21	6.8	6352.3
Mo	98	21	6.5	107887.5
Ag	107	21	6.8	189282.1
Cd	114	21	6.8	108469.3
In	115	14	7.8	1949090.0
Sb	121	21	6.8	146060.4
Sb	123	21	6.5	112335.9
Ba	136	21	6.8	66467.8
Ba	138	21	6.5	519633.4
Ho	165	8	5.8	1782440.3
Tl	205	21	8.3	579809.0
Pb	208	21	8.0	393369.3

Daily Performance Report

Sample ID: DPC

Sample Date/Time: Tuesday, February 05, 2002 09:39:16

Sample Description: DAILY PERFORMANCE CHECK

Method File: d:\elandata\Method\Daily.mth

Dataset File: d:\elandata\Dataset\daily performance\DPC.214

Tuning File: d:\elandata\Tuning\default.tun

Optimization File: d:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
Mg	24.0	75514.8	75514.756	618.781	0.8
Rh	102.9	337845.1	337845.146	3110.392	0.9
In	114.9	460364.5	460364.549	2299.758	0.5
Pb	208.0	295268.1	295268.058	414.258	0.1
[> Ba	137.9	400254.5	400254.492	2548.390	0.6
[Ba++	69.0	5447.7	0.014	0.000	1.3
[> Ce	139.9	492155.8	492155.814	3250.409	0.7
[CeO	155.9	14353.8	0.029	0.000	1.0
Bkgd	220.0	15.4	15.400	2.529	16.4

Current Optimization File Data

Current Value	Description
0.89	Nebulizer Gas Flow
6.25	Lens Voltage
1000.00	ICP RF Power
-1887.50	Analog Stage Voltage
1500.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-6.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	5.8	7558.2
Al	27	21	6.0	179221.1
Sc	45	21	6.0	1010866.2
V	51	21	6.0	222947.9
Cr	52	21	6.3	202078.3
Mn	55	21	6.3	303423.5
Ni	58	21	6.0	128259.7
Co	59	21	6.3	223383.4
Cu	63	21	6.0	116913.1
Zn	64	21	6.3	63718.2
Cu	65	21	6.5	57939.6
Zn	66	21	6.3	38135.2
Zn	68	21	6.3	27276.1
Ge	74	21	6.5	265184.8
As	75	21	6.3	34129.3

Sample ID: DPC

Report Date/Time: Tuesday, February 05, 2002 09:42:41

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Se	82	21	6.8	6352.3
Mo	98	21	6.5	107887.5
Ag	107	21	6.8	189282.1
Cd	114	21	6.8	108469.3
In	115	14	7.8	1949090.0
Sb	121	21	6.8	146060.4
Sb	123	21	6.5	112335.9
Ba	136	21	6.8	66467.8
Ba	138	21	6.5	519633.4
Ho	165	8	5.8	1782440.3
Tl	205	21	8.3	579809.0
Pb	208	21	8.0	393369.3

Daily Performance Report

Sample ID: DPC

Sample Date/Time: Wednesday, February 06, 2002 09:41:03

Sample Description: DAILY PERFORMANCE CHECK

Method File: d:\elandata\Method\Daily.mth

Dataset File: d:\elandata\Dataset\daily performance\DPC.287

Tuning File: d:\elandata\Tuning\default.tun

Optimization File: d:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
Mg	24.0	72184.4	72184.386	288.696	0.4
Rh	102.9	323546.2	323546.179	2491.889	0.8
In	114.9	439946.4	439946.421	1682.794	0.4
Pb	208.0	283903.6	283903.600	2296.496	0.8
[> Ba	137.9	383294.3	383294.347	1532.580	0.4
[Ba++	69.0	5247.6	0.014	0.000	0.9
[> Ce	139.9	473681.4	473681.415	2099.025	0.4
[CeO	155.9	13926.4	0.029	0.000	1.4
Bkgd	220.0	13.0	13.000	1.124	8.6

Current Optimization File Data

Current Value	Description
0.89	Nebulizer Gas Flow
6.25	Lens Voltage
1000.00	ICP RF Power
-1887.50	Analog Stage Voltage
1500.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-6.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	5.8	7558.2
Al	27	21	6.0	179221.1
Sc	45	21	6.0	1010866.2
V	51	21	6.0	222947.9
Cr	52	21	6.3	202078.3
Mn	55	21	6.3	303423.5
Ni	58	21	6.0	128259.7
Co	59	21	6.3	223383.4
Cu	63	21	6.0	116913.1
Zn	64	21	6.3	63718.2
Cu	65	21	6.5	57939.6
Zn	66	21	6.3	38135.2
Zn	68	21	6.3	27276.1
Ge	74	21	6.5	265184.8
As	75	21	6.3	34129.3

Sample ID: DPC

Report Date/Time: Wednesday, February 06, 2002 09:44:28

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Se	82	21	6.8	6352.3
Mo	98	21	6.5	107887.5
Ag	107	21	6.8	189282.1
Cd	114	21	6.8	108469.3
In	115	14	7.8	1949090.0
Sb	121	21	6.8	146060.4
Sb	123	21	6.5	112335.9
Ba	136	21	6.8	66467.8
Ba	138	21	6.5	519633.4
Ho	165	8	5.8	1782440.3
Tl	205	21	8.3	579809.0
Pb	208	21	8.0	393369.3

Daily Performance Report

Sample ID: DPC

Sample Date/Time: Thursday, February 07, 2002 11:48:03

Sample Description: DAILY PERFORMANCE CHECK

Method File: d:\elandata\Method\Daily.mth

Dataset File: d:\elandata\Dataset\daily performance\DPC.336

Tuning File: d:\elandata\Tuning\default.tun

Optimization File: d:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
Mg	24.0	76069.7	76069.680	480.459	0.6
Rh	102.9	337169.0	337169.049	3064.893	0.9
In	114.9	453050.7	453050.678	3985.068	0.9
Pb	208.0	293023.1	293023.097	1942.266	0.7
[> Ba	137.9	394882.4	394882.445	2053.902	0.5
[Ba++	69.0	5644.0	0.014	0.000	0.5
[> Ce	139.9	488066.0	488065.984	3208.258	0.7
[CeO	155.9	14452.5	0.030	0.000	1.0
Bkgd	220.0	13.4	13.400	1.750	13.1

Current Optimization File Data

Current Value	Description
0.89	Nebulizer Gas Flow
6.25	Lens Voltage
1000.00	ICP RF Power
-1887.50	Analog Stage Voltage
1500.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-6.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	5.8	7558.2
Al	27	21	6.0	179221.1
Sc	45	21	6.0	1010866.2
V	51	21	6.0	222947.9
Cr	52	21	6.3	202078.3
Mn	55	21	6.3	303423.5
Ni	58	21	6.0	128259.7
Co	59	21	6.3	223383.4
Cu	63	21	6.0	116913.1
Zn	64	21	6.3	63718.2
Cu	65	21	6.5	57939.6
Zn	66	21	6.3	38135.2
Zn	68	21	6.3	27276.1
Ge	74	21	6.5	265184.8
As	75	21	6.3	34129.3

Sample ID: DPC

Report Date/Time: Thursday, February 07, 2002 11:51:29

Page 1

Se	82	21	6.8	6352.3
Mo	98	21	6.5	107887.5
Ag	107	21	6.8	189282.1
Cd	114	21	6.8	108469.3
In	115	14	7.8	1949090.0
Sb	121	21	6.8	146060.4
Sb	123	21	6.5	142335.9
Ba	136	21	6.8	66467.8
Ba	138	21	6.5	519633.4
Ho	165	8	5.8	1782440.3
Tl	205	21	8.3	579809.0
Pb	208	21	8.0	393369.3

Daily Performance Report

Sample ID: DPC

Sample Date/Time: Friday, February 08, 2002 08:13:30

Sample Description: DAILY PERFORMANCE CHECK

Method File: d:\elandata\Method\Daily.mth

Dataset File: d:\elandata\Dataset\daily performance\DPC.374

Tuning File: d:\elandata\Tuning\default.tun

Optimization File: d:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
Mg	24.0	72120.6	72120.625	525.454	0.7
Rh	102.9	302902.7	302902.711	625.477	0.2
In	114.9	409397.3	409397.323	1072.985	0.3
Pb	208.0	278109.9	278109.892	1256.047	0.5
[> Ba	137.9	363409.1	363409.110	858.333	0.2
[Ba++	69.0	5245.5	0.014	0.000	0.7
[> Ce	139.9	450889.3	450889.275	2675.169	0.6
[CeO	155.9	13765.9	0.031 ≤ 0.031	0.000	0.7
Bkgd	220.0	11.1	11.067	1.362	12.3

Current Optimization File Data

Current Value	Description
0.89	Nebulizer Gas Flow
6.25	Lens Voltage
1000.00	ICP RF Power
-1887.50	Analog Stage Voltage
1500.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-6.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	5.8	7558.2
Al	27	21	6.0	179221.1
Sc	45	21	6.0	1010866.2
V	51	21	6.0	222947.9
Cr	52	21	6.3	202078.3
Mn	55	21	6.3	303423.5
Ni	58	21	6.0	128259.7
Co	59	21	6.3	223383.4
Cu	63	21	6.0	116913.1
Zn	64	21	6.3	63718.2
Cu	65	21	6.5	57939.6
Zn	66	21	6.3	38135.2
Zn	68	21	6.3	27276.1
Ge	74	21	6.5	265184.8
As	75	21	6.3	34129.3

Sample ID: DPC

Report Date/Time: Friday, February 08, 2002 08:16:56

Page 1

Se	82	21	6.8	6352.3
Mo	98	21	6.5	107887.5
Ag	107	21	6.8	189282.1
Cd	114	21	6.8	108469.3
In	115	14	7.8	1949090.0
Sb	121	21	6.8	146060.4
Sb	123	21	6.5	112335.9
Ba	136	21	6.8	66467.8
Ba	138	21	6.5	519633.4
Ho	165	8	5.8	1782440.3
Tl	205	21	8.3	579809.0
Pb	208	21	8.0	393369.3

Daily Performance Report

Sample ID: DPC

Sample Date/Time: Monday, February 11, 2002 09:02:05

Sample Description: DAILY PERFORMANCE CHECK

Method File: d:\elandata\Method\Daily.mth

Dataset File: d:\elandata\Dataset\daily performance\DPC.423

Tuning File: d:\elandata\Tuning\default.tun

Optimization File: d:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
Mg	24.0	71915.5	71915.472	439.644	0.6
Rh	102.9	327252.2	327252.209	3019.610	0.9
In	114.9	439286.3	439286.255	4092.124	0.9
Pb	208.0	287628.9	287628.879	2370.022	0.8
[> Ba	137.9	386576.3	386576.279	3471.404	0.9
[Ba++	69.0	6006.2	0.016	0.000	0.5
[> Ce	139.9	479044.0	479043.960	4781.842	1.0
[CeO	155.9	14782.2	0.031	0.001	1.7
Bkgd	220.0	13.5	13.467	1.330	9.9

Current Optimization File Data

Current Value	Description
0.89	Nebulizer Gas Flow
6.25	Lens Voltage
1000.00	ICP RF Power
-1887.50	Analog Stage Voltage
1500.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-6.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	5.8	5987.0
Al	27	21	5.8	124832.5
Sc	45	21	5.8	688911.7
V	51	21	6.0	151417.1
Cr	52	21	6.3	137234.4
Mn	55	21	6.3	203530.1
Ni	58	21	6.3	83901.2
Co	59	21	6.0	151483.2
Cu	63	21	6.0	76274.4
Zn	64	21	6.0	42379.0
Cu	65	21	6.3	37688.3
Zn	66	21	6.0	25786.8
Zn	68	21	6.3	18443.9
Ge	74	21	6.3	172253.3
As	75	21	6.3	24067.1

Sample ID: DPC

Report Date/Time: Monday, February 11, 2002 09:05:31

Page 1

Se	82	21	6.3	6692.5
Mo	98	21	6.8	73416.0
Ag	107	21	6.5	123965.7
Cd	114	21	6.5	70860.8
In	115	21	6.8	1494901.1
Sb	121	21	6.8	99578.4
Sb	123	21	6.8	76884.5
Ba	136	21	6.8	75886.2
Ba	138	21	6.8	352320.8
Ho	165	14	6.5	1944873.8
Tl	205	21	8.0	367895.0
Pb	208	21	8.0	259920.9

Daily Performance Report

Sample ID: DPC

Sample Date/Time: Wednesday, February 13, 2002 11:56:50

Sample Description: DAILY PERFORMANCE CHECK

Method File: d:\elandata\Method\Daily.mth

Dataset File: d:\elandata\Dataset\daily performance\DPC.503

Tuning File: d:\elandata\Tuning\default.tun

Optimization File: d:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
Mg	24.0	76778.9	76778.934	347.261	0.5
Rh	102.9	322581.3	322581.269	3144.871	1.0
In	114.9	433071.9	433071.896	4112.959	0.9
Pb	208.0	298632.5	298632.545	1972.509	0.7
[> Ba	137.9	372921.4	372921.395	3717.222	1.0
[Ba++	69.0	5110.4	0.014	0.000	0.5
[> Ce	139.9	463626.2	463626.168	4214.146	0.9
[CeO	155.9	13767.6	0.030	0.000	0.8
Bkgd	220.0	11.8	11.800	0.506	4.3

Current Optimization File Data

Current Value	Description
0.89	Nebulizer Gas Flow
6.25	Lens Voltage
1000.00	ICP RF Power
-1887.50	Analog Stage Voltage
1500.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-6.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	6.0	6293.2
Al	27	21	6.0	139942.3
Sc	45	21	6.3	770852.9
V	51	21	6.3	168904.3
Cr	52	21	6.3	154584.8
Mn	55	21	6.3	225315.2
Ni	58	21	6.3	95327.1
Co	59	21	6.5	164245.0
Cu	63	21	6.5	84487.6
Zn	64	21	6.5	46220.7
Cu	65	21	6.3	41494.9
Zn	66	21	6.5	27506.8
Zn	68	21	6.5	20076.3
Ge	74	21	6.5	182944.2
As	75	21	6.5	24776.0

Sample ID: DPC

Report Date/Time: Wednesday, February 13, 2002 12:00:16

Page 1

Se	82	21	6.8	3012.5
Mo	98	21	7.0	79113.5
Ag	107	21	7.0	137539.0
Cd	114	21	7.0	77414.0
In	115	21	6.8	1618244.8
Sb	121	21	6.8	103635.4
Sb	123	21	7.0	81363.3
Ba	136	21	7.0	41666.7
Ba	138	21	7.0	376002.9
Ho	165	13	8.8	1991806.4
Tl	205	21	8.0	404616.2
Pb	208	21	8.3	284917.7

Daily Performance Report

Sample ID: DPC

Sample Date/Time: Thursday, February 14, 2002 08:22:32

Sample Description: DAILY PERFORMANCE CHECK

Method File: d:\elandata\Method\Daily.mth

Dataset File: d:\elandata\Dataset\daily performance\DPC.509

Tuning File: d:\elandata\Tuning\default.tun

Optimization File: d:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
Mg	24.0	77134.7	77134.658	309.202	0.4
Rh	102.9	315162.1	315162.088	1020.823	0.3
In	114.9	423484.2	423484.219	2337.676	0.6
Pb	208.0	293749.8	293749.803	902.145	0.3
[> Ba	137.9	368451.0	368450.953	1090.805	0.3
[Ba++	69.0	5063.4	0.014	0.000	0.6
[> Ce	139.9	459051.7	459051.719	2235.380	0.5
[CeO	155.9	13238.1	0.029	0.000	1.0
Bkgd	220.0	12.2	12.233	1.903	15.6

Current Optimization File Data

Current Value	Description
0.89	Nebulizer Gas Flow
6.25	Lens Voltage
1000.00	ICP RF Power
-1887.50	Analog Stage Voltage
1500.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-6.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	6.0	6293.2
Al	27	21	6.0	139942.3
Sc	45	21	6.3	770852.9
V	51	21	6.3	168904.3
Cr	52	21	6.3	154584.8
Mn	55	21	6.3	225315.2
Ni	58	21	6.3	95327.1
Co	59	21	6.5	164245.0
Cu	63	21	6.5	84487.6
Zn	64	21	6.5	46220.7
Cu	65	21	6.3	41494.9
Zn	66	21	6.5	27506.8
Zn	68	21	6.5	20076.3
Ge	74	21	6.5	182944.2
As	75	21	6.5	24776.0

Sample ID: DPC

Report Date/Time: Thursday, February 14, 2002 08:25:58

Page 1

Se	82	21	6.8	3012.5
Mo	98	21	7.0	79113.5
Ag	107	21	7.0	137539.0
Cd	114	21	7.0	77414.0
In	115	21	6.8	1618244.8
Sb	121	21	6.8	103635.4
Sb	123	21	7.0	81363.3
Ba	136	21	7.0	41666.7
Ba	138	21	7.0	376002.9
Ho	165	13	8.8	1991806.4
Tl	205	21	8.0	404616.2
Pb	208	21	8.3	284917.7