

## Daily Performance Report

**Sample ID: DPC**

Sample Date/Time: Monday, February 25, 2002 12:43:53

Sample Description: DAILY PERFORMANCE CHECK

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

### Summary

| Analyte | Mass  | Meas. Intens. | Mean | Net Intens. Mean | Net Intens. SD | Net Intens. RSD |
|---------|-------|---------------|------|------------------|----------------|-----------------|
| Mg      | 24.0  | 64181.8       |      | 64181.767 ✓      | 1257.926       | 2.0             |
| Rh      | 102.9 | 225717.9      |      | 225717.910 ✓     | 1979.838       | 0.9             |
| In      | 114.9 | 322606.0      |      | 322605.964 ✓     | 2773.900       | 0.9             |
| Pb      | 208.0 | 212434.6      |      | 212434.601 ✓     | 1779.458       | 0.8             |
| [> Ba   | 137.9 | 295323.4      |      | 295323.367 ✓     | 2087.193       | 0.7             |
| [ Ba++  | 69.0  | 282.8         |      | 0.001 ✓          | 0.000          | 3.5             |
| [> Ce   | 139.9 | 367422.2      |      | 367422.228 ✓     | 3860.684       | 1.1             |
| [ CeO   | 155.9 | 11362.9       |      | 0.031 ✓          | 0.000          | 0.9             |
| Bkgd    | 220.0 | 5.3 ✓         |      | 5.333            | 1.302          | 24.4            |

**Current Optimization File Data**

| Current Value | Description             |
|---------------|-------------------------|
| 0.90          | Nebulizer Gas Flow      |
| 6.75          | Lens Voltage            |
| 1000.00       | ICP RF Power            |
| -1950.00      | Analog Stage Voltage    |
| 1400.00       | 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       | 5431.7            |
| Sc      | 45   | 21         | 6.3       | 716109.5          |
| Cr      | 52   | 21         | 6.3       | 147969.3          |
| Cr      | 53   | 21         | 6.3       | 14995.8           |
| Mn      | 55   | 21         | 6.3       | 209027.8          |
| Ni      | 60   | 21         | 6.3       | 32662.2           |
| Cu      | 63   | 21         | 6.3       | 77449.3           |
| Zn      | 64   | 21         | 6.3       | 36292.7           |
| Cu      | 65   | 21         | 6.5       | 35924.5           |
| Zn      | 66   | 21         | 6.5       | 20874.1           |
| Zn      | 68   | 21         | 6.3       | 10222.5           |
| Ge      | 74   | 21         | 6.5       | 113714.6          |
| As      | 75   | 21         | 6.5       | 35760.6           |
| Se      | 77   | 21         | 6.5       | 21325.2           |
| Se      | 82   | 21         | 7.5       | 583.4             |

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|----|-----|----|-----|-----------|
| Ag | 107 | 21 | 6.8 | 140566.5  |
| Cd | 111 | 21 | 6.8 | 32060.1   |
| Cd | 114 | 21 | 6.8 | 75983.6   |
| In | 115 | 21 | 7.3 | 1515334.5 |
| Sb | 121 | 21 | 7.0 | 93829.3   |
| Sb | 123 | 21 | 6.8 | 72431.5   |
| Ba | 136 | 21 | 7.0 | 60659.0   |
| Ba | 138 | 21 | 7.3 | 391645.5  |
| Ho | 165 | 13 | 8.8 | 1931738.0 |
| Tl | 203 | 21 | 8.0 | 163556.5  |
| Tl | 205 | 21 | 8.0 | 379492.6  |
| Pb | 208 | 21 | 8.0 | 312465.6  |