

METALS RAW DATA



RECRA
ENVIRONMENTAL
INC.

| TRAY # | JOB # | SAMPLE ID | SAMPLE # | DIL FAC | COMMENTS | TRAY # | JOB # | SAMPLE ID | SAMPLE # | DIL FAC | COMMENTS |
|--------|-------|-----------|----------|---------|----------|--------|-------|-----------|----------|---------|----------|
| 1 | | | BLK | | | 40 | | | 9953 | 1/5 | |
| 2 | | | ICL/10 | | | 41 | | | 9954 | | |
| 3 | | | ICL/50 | | | 42 | | | 9955 | | |
| 4 | | | ICL | | | 43 | | | 9956 | | |
| 5 | | | ICVP | | *As, Ca | 44 | | | 9957 | | |
| 6 | | | ICB | | | 45 | | | 9958 | | |
| 7 | | | CR1 | | | 46 | | | + | | |
| 8 | | | ICSA1 | | | 47 | | | CCOP4 | | |
| 9 | | | ICSAB1 | | *Pb | 48 | | | CLB4 | | |
| 10 | | | CCVPI | | | 49 | | | 9959 | | |
| 11 | | | CCBI | | | 50 | | | 9960 | | |
| 12 | 2018 | b1k | 9934 | | | 51 | 2549 | | 9928 | | |
| 13 | | 217 | 9935 | | *Na, Sb | 52 | | | 9929 | 1/5 | |
| 14 | | | 9936 | | | 53 | | | 9930 | | |
| 15 | | | 9937 | | | 54 | | | 9931 | | |
| 16 | | | 9938 | | | 55 | | | 9932 | | |
| 17 | | | 9939 | | | 56 | | | 9933 | | |
| 18 | | | 9940 | | | 57 | | | CCOP | | |
| 19 | | | 9941 | | | 58 | | | CLB | | |
| 20 | 2040 | | 9942 | | | 59 | | | 9938 | 1/10 | |
| 21 | | | 9943 | | | 60 | | | 9939 | 1/2 | |
| 22 | | | CCOP2 | | | 61 | | | 9940 | 1/10 | |
| 23 | | | CLB2 | | | 62 | | | CR12 | | |
| 24 | | | 9942 | | | 63 | | | ICSA2 | | |
| 25 | 2005 | b1k | 9931 | | | 64 | | | ICSA2 | | |
| 26 | | 217 | 9932 | | | 65 | | | ICSA2 | | |
| 27 | | | 9943 | | | 66 | | | CCOP3 | | |
| 28 | | | 9943 | | | 67 | | | CLB3 | | |
| 29 | | | 9944 | | | 68 | | | 9949 | | |
| 30 | | | 9945 | | | 69 | | | 9950 | | |
| 31 | | | 9946 | | | 70 | | | | | |
| 32 | | | 9947 | | | 71 | | | | | |
| 33 | | | 9948 | | | 72 | | | | | |
| 34 | | | CCOP3 | | | 73 | | | | | |
| 35 | | | CLB3 | | | 74 | | | | | |
| 36 | | | 9949 | | | 75 | | | | | |
| 37 | | | 9950 | | | 76 | | | | | |
| 38 | 2003 | | 9953 | | | 77 | | | | | |

12:44 PM 24/ 8/93

Calibration Standard : BLANK

TECH NAME : FRODO

On-Peak Integrations : 2 Off-Peak Integrations : 1

| Element | On Peak 1 (Kcps) | On Peak 2 (Kcps) | On Peak 3 (Kcps) | Off Peak 1 (Kcps) | Off Peak 2 (Kcps) | Mean (Kcps) | Std. Dev. (Kcps) | % R.S.D. |
|-----------|------------------|------------------|------------------|-------------------|-------------------|-------------|------------------|----------|
| Ag | 2.155 | 2.154 | 2.151 | 0.000 | 0.000 | 2.153 | 0.004 | 0.18 |
| Au | 1.601 | 1.595 | 1.574 | 0.000 | 0.000 | 1.590 | 0.004 | 0.25 |
| Bi | 1.729 | 1.729 | 1.724 | 0.000 | 0.000 | 1.727 | 0.004 | 0.23 |
| Ba | 1.348 | 1.351 | 1.348 | 0.000 | 0.000 | 1.349 | 0.004 | 0.29 |
| Be | 1.348 | 1.351 | 1.348 | 0.000 | 0.000 | 1.349 | 0.004 | 0.29 |
| Ca | 3.142 | 3.123 | 3.090 | 0.000 | 0.000 | 3.118 | 0.008 | 0.26 |
| Co | 1.241 | 1.227 | 1.240 | 0.000 | 0.000 | 1.236 | 0.004 | 0.32 |
| Cd | 1.589 | 1.538 | 1.535 | 0.000 | 0.000 | 1.541 | 0.004 | 0.26 |
| Ce | 1.614 | 1.638 | 1.638 | 0.000 | 0.000 | 1.630 | 0.004 | 0.24 |
| Cu | 1.877 | 1.870 | 1.875 | 0.000 | 0.000 | 1.874 | 0.004 | 0.21 |
| Cr | 1.875 | 1.870 | 1.875 | 0.000 | 0.000 | 1.873 | 0.004 | 0.21 |
| Fe | 1.876 | 1.897 | 1.843 | 0.000 | 0.000 | 1.872 | 0.004 | 0.21 |
| K | 1.564 | 1.565 | 1.556 | 0.000 | 0.000 | 1.562 | 0.004 | 0.26 |
| Mg | 2.400 | 2.403 | 2.396 | 0.000 | 0.000 | 2.400 | 0.004 | 0.17 |
| Mn | 1.417 | 1.432 | 1.420 | 0.000 | 0.000 | 1.423 | 0.004 | 0.28 |
| Na | 2.857 | 2.860 | 2.836 | 0.000 | 0.000 | 2.851 | 0.004 | 0.14 |
| Ni | 1.349 | 1.342 | 1.330 | 0.000 | 0.000 | 1.340 | 0.004 | 0.30 |
| Pb | 1.875 | 1.833 | 1.857 | 0.000 | 0.000 | 1.854 | 0.004 | 0.21 |
| Pd | 1.875 | 1.833 | 1.857 | 0.000 | 0.000 | 1.854 | 0.004 | 0.21 |
| Pt | 1.875 | 1.833 | 1.857 | 0.000 | 0.000 | 1.854 | 0.004 | 0.21 |
| Sr | 2.248 | 2.244 | 2.241 | 0.000 | 0.000 | 2.244 | 0.004 | 0.18 |
| Tl | 2.248 | 2.244 | 2.241 | 0.000 | 0.000 | 2.244 | 0.004 | 0.18 |
| Zn | 2.345 | 2.403 | 2.396 | 0.000 | 0.000 | 2.381 | 0.004 | 0.17 |
| Mean | 0.070 | 0.049 | 0.049 | 0.000 | 0.000 | 0.056 | 0.004 | 7.14 |
| Std. Dev. | 0.004 | 0.014 | 0.007 | 0.000 | 0.000 | 0.008 | 0.004 | 19.198 |
| % R.S.D. | 4.993 | 28.348 | 11.306 | 0.000 | 0.000 | 6.424 | 0.004 | 28.196 |

| | | | |
|------------|--------|--------|---------|
| On Peak 2 | 2.230 | 2.460 | 1.508 |
| On Peak 3 | 2.218 | 2.456 | 1.496 |
| OffPeak1 1 | 2.220 | | |
| OffPeak2 1 | 2.450 | 2.445 | 1.503 |
| Mean | -0.116 | 0.008 | -0.008 |
| S.D. | 0.010 | 0.002 | 0.014 |
| % R.S.D. | 0.298 | 27.713 | 168.570 |

Calibration Standard : ICL/10
 12:47 PM 24/ 8/93
 Test name : 4FDINT
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (KPulses) | Al (KPulses) | Ba (KPulses) | Be (KPulses) | Ca (KPulses) | Cd (KPulses) | Co (KPulses) | Cr (KPulses) |
|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| On Peak 1 | 2.872 | 2.175 | 15.227 | 18.094 | 35.928 | 5.086 | 7.367 | 6.440 |
| On Peak 2 | 2.878 | 2.180 | 15.042 | 17.881 | 35.517 | 5.070 | 7.233 | 6.404 |
| On Peak 3 | 2.877 | 2.179 | 15.113 | 18.016 | 35.712 | 5.084 | 7.268 | 6.425 |
| OffPeak1 1 | 2.224 | 1.583 | | 1.488 | | | | |
| OffPeak2 1 | | | 1.758 | | 3.098 | 1.341 | 1.711 | 1.974 |
| Mean | 0.652 | 0.595 | 13.365 | 16.509 | 32.621 | 3.739 | 5.578 | 4.449 |
| S.D. | 0.003 | 0.003 | 0.093 | 0.108 | 0.206 | 0.009 | 0.070 | 0.018 |
| % R.S.D. | 0.493 | 0.445 | 0.698 | 0.653 | 0.630 | 0.233 | 1.246 | 0.404 |

| | Cu (KPulses) | Fe (KPulses) | K (KPulses) | Mg (KPulses) | Mn (KPulses) | Na (KPulses) | Ni (KPulses) | Pb (KPulses) |
|------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| On Peak 1 | 8.115 | 9.927 | 3.217 | 10.318 | 34.085 | 10.017 | 3.871 | 3.536 |
| On Peak 2 | 8.085 | 9.894 | 3.204 | 10.235 | 33.755 | 9.934 | 3.797 | 3.487 |
| On Peak 3 | 8.089 | 9.816 | 3.226 | 10.266 | 33.933 | 9.987 | 3.814 | 3.491 |
| OffPeak1 1 | 2.300 | 1.974 | 1.686 | | 1.576 | 1.233 | 1.424 | 1.982 |
| OffPeak2 1 | | | | 2.521 | | | | 1.960 |
| Mean | 5.791 | 7.905 | 1.528 | 7.759 | 32.349 | 6.746 | 2.403 | 1.534 |
| S.D. | 0.027 | 0.057 | 0.009 | 0.042 | 0.165 | 0.042 | 0.039 | 0.027 |
| % R.S.D. | 0.467 | 0.721 | 0.557 | 0.540 | 0.509 | 0.481 | 1.613 | 1.774 |

| | Sb (KPulses) | V (KPulses) | Zn (KPulses) |
|------------|-----------------|----------------|-----------------|
| On Peak 1 | 5.374 | 7.097 | 26.096 |
| On Peak 2 | 5.326 | 7.043 | 27.822 |
| On Peak 3 | 5.330 | 7.068 | 27.859 |
| OffPeak1 1 | 2.363 | | |
| OffPeak2 1 | 2.862 | 2.574 | 1.559 |
| Mean | 2.206 | 4.495 | 26.367 |
| S.D. | 0.024 | 0.027 | 0.149 |
| % R.S.D. | 1.179 | 0.601 | 0.564 |

Calibration Standard : ICL/50
 12:49 PM 24/ 8/93
 Test name : 4FDINT
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (KPulses) | Al (KPulses) | Ba (KPulses) | Be (KPulses) | Ca (KPulses) | Cd (KPulses) | Co (KPulses) | Cr (KPulses) |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| On Peak 1 | 60.051 | 4.164 | 60.414 | 64.517 | 161.270 | 20.060 | 29.000 | 21.100 |

| | Ca | Fe | K | Mg | Mn | Na | Ni | Pb |
|------------|-------|-------|--------|--------|---------|--------|--------|--------|
| On Peak 2 | 4.374 | 4.135 | 67.275 | 83.269 | 149.015 | 19.759 | 28.752 | 23.716 |
| On Peak 3 | 4.383 | 4.138 | 67.734 | 83.824 | 149.674 | 19.630 | 29.072 | 23.839 |
| OffPeak1 1 | 2.251 | 1.655 | | 2.228 | | | | |
| OffPeak2 1 | | | 1.776 | | 3.525 | 1.411 | 1.736 | 2.015 |
| Mean | 2.132 | 2.491 | 66.030 | 81.775 | 146.531 | 18.472 | 27.305 | 21.853 |
| S.D. | 0.039 | 0.016 | 0.573 | 0.339 | 1.107 | 0.158 | 0.275 | 0.186 |
| S.E.D. | 0.799 | 0.640 | 0.668 | 1.021 | 0.776 | 0.952 | 1.006 | 0.771 |

| | Ca | Fe | K | Mg | Mn | Na | Ni | Pb |
|------------|--------|--------|-------|--------|---------|--------|--------|-------|
| On Peak 1 | 30.702 | 41.186 | 9.574 | 40.523 | 160.499 | 37.255 | 13.309 | 9.476 |
| On Peak 2 | 30.263 | 40.496 | 9.444 | 39.938 | 157.409 | 36.780 | 13.061 | 9.472 |
| On Peak 3 | 30.454 | 40.688 | 9.485 | 40.214 | 158.700 | 36.584 | 13.163 | 9.452 |
| OffPeak1 1 | 2.316 | 2.000 | 1.693 | | 1.860 | 1.263 | 1.466 | 2.343 |
| OffPeak2 1 | | | | 2.754 | | | | 2.031 |
| Mean | 28.157 | 38.790 | 7.808 | 37.471 | 157.009 | 35.747 | 11.712 | 7.510 |
| S.D. | 0.220 | 0.356 | 0.066 | 0.293 | 1.552 | 0.273 | 0.125 | 0.112 |
| S.E.D. | 0.782 | 0.918 | 0.851 | 0.781 | 0.985 | 0.765 | 1.064 | 1.497 |

| | Et | V | Zn |
|------------|--------|--------|---------|
| On Peak 1 | 17.272 | 25.196 | 130.334 |
| On Peak 2 | 17.064 | 24.846 | 128.576 |
| On Peak 3 | 17.278 | 24.571 | 129.022 |
| OffPeak1 1 | 2.514 | | |
| OffPeak2 1 | 8.490 | 2.596 | 1.604 |
| Mean | 11.600 | 22.408 | 127.707 |
| S.D. | 0.122 | 0.177 | 0.914 |
| S.E.D. | 1.051 | 0.792 | 0.716 |

Calibration Standard : IDL
 12:52 PM 24/ 8/93
 Task name : AFDINT
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag | Al | Ba | Be | Ca | Cd | Co | Cr |
|------------|-------|-------|---------|---------|---------|--------|--------|--------|
| On Peak 1 | 4.525 | 6.609 | 132.496 | 166.686 | 295.508 | 37.634 | 55.537 | 45.276 |
| On Peak 2 | 4.522 | 6.574 | 131.891 | 165.540 | 293.780 | 37.336 | 55.344 | 45.104 |
| On Peak 3 | 4.525 | 6.603 | 132.332 | 166.109 | 294.812 | 37.367 | 55.658 | 45.257 |
| OffPeak1 1 | 2.282 | 1.739 | | 3.146 | | | | |
| OffPeak2 1 | | | 1.820 | | 4.097 | 1.576 | 1.812 | 2.086 |
| Mean | 1.243 | 4.656 | 130.420 | 162.966 | 290.603 | 35.870 | 53.704 | 43.126 |
| S.D. | 0.003 | 0.019 | 0.313 | 0.573 | 0.869 | 0.164 | 0.163 | 0.094 |
| S.E.D. | 0.134 | 0.385 | 0.240 | 0.352 | 0.299 | 0.457 | 0.303 | 0.219 |

| | Co | Fe | K | Mg | Mn | Na | Ni | Pb |
|------------|--------|--------|--------|--------|---------|--------|--------|--------|
| On Peak 1 | 57.872 | 78.450 | 17.452 | 77.143 | 311.456 | 70.512 | 24.515 | 16.956 |
| On Peak 2 | 57.660 | 78.506 | 17.390 | 76.819 | 309.773 | 70.207 | 24.412 | 16.850 |
| On Peak 3 | 57.851 | 78.536 | 17.425 | 77.022 | 310.963 | 70.515 | 24.574 | 16.960 |
| OffPeak1 1 | 2.334 | 1.994 | 1.695 | | 2.263 | 1.285 | 1.559 | 2.110 |
| OffPeak2 1 | | | | 3.035 | | | | 2.017 |
| Mean | 58.461 | 78.503 | 15.727 | 73.960 | 308.448 | 69.126 | 22.941 | 14.833 |

| | | | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| S.D. | 1.107 | 0.044 | 0.131 | 0.164 | 0.845 | 0.177 | 0.082 | 1.065 |
| S.E.D. | 1.201 | 0.367 | 0.165 | 0.221 | 0.281 | 0.251 | 1.357 | 1.407 |

| | Sb (NFulses) | V (NFulses) | Zn (NFulses) |
|------------|-----------------|----------------|-----------------|
| On Peak 1 | 31.815 | 47.413 | 251.561 |
| On Peak 2 | 31.908 | 47.120 | 251.677 |
| On Peak 3 | 31.948 | 47.284 | 252.639 |
| OffPeak1 1 | 2.653 | | |
| OffPeak2 1 | 14.353 | 1.652 | 1.666 |
| Mean | 28.240 | 44.620 | 250.758 |
| S.D. | 0.145 | 0.147 | 0.648 |
| 1 S.D. | 0.216 | 0.329 | 0.266 |

On-peak Counts Output 12:57 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-peak Integrations : 3 Off-peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------------|
| Ba | 1 | 15.193 | 15.235 15.167 |
| Mg | 2 | 10.340 | 10.366 10.323 |
| V | 5 | 7.069 | 7.092 7.056 |
| Na | 6 | 9.561 | 9.959 9.935 |
| Al | 8 | 2.177 | 2.180 2.177 |
| Si | 9 | 5.371 | 5.365 5.342 |
| Ca | 10 | 17.970 | 18.035 17.914 |
| Fe | 11 | 38.825 | 39.009 38.809 |
| Co | 12 | 8.115 | 8.115 8.106 |
| Ag | 14 | 2.875 | 2.876 2.875 |
| Pb | 15 | 3.442 | 3.526 3.465 |
| Cr | 16 | 5.073 | 5.115 5.061 |
| Cu | 17 | 7.318 | 7.309 7.320 |
| Ni | 18 | 3.250 | 3.810 3.799 |
| K | 19 | 3.222 | 3.222 3.214 |
| Mn | 20 | 34.045 | 34.113 33.979 |
| Se | 21 | 10.048 | 10.020 9.990 |
| Zr | 24 | 6.431 | 6.442 6.428 |
| Zn | 25 | 28.321 | 27.984 27.656 |

Background Counts Output 12:57 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-peak Integrations : 3 Off-peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ba | 1 B02 | 1.755 | |
| Mg | 2 B02 | 2.523 | |
| V | 5 B02 | 2.555 | |
| Na | 6 B01 | 1.227 | |

Si 8 B01 1.569
 Cu 8 B01 1.401

| | | |
|----|--------|-------|
| Sb | 9 BG2 | 3.868 |
| Se | 10 BG1 | 1.489 |
| Ca | 11 BG2 | 3.101 |
| Co | 13 BG1 | 2.281 |
| Ag | 14 BG1 | 2.209 |
| Pb | 15 BG1 | 1.961 |
| Pt | 16 BG2 | 1.948 |
| Cd | 16 BSE | 1.327 |
| Cd | 17 BSE | 1.730 |
| Ni | 18 BG1 | 1.377 |
| K | 15 BG1 | 1.876 |
| Mn | 20 BG1 | 1.555 |
| Fe | 21 BG1 | 1.934 |
| Cr | 24 BG2 | 1.970 |
| Zn | 28 BSE | 1.561 |

Corrected Counts Statistics 12:58 PM August 24, 1993
 Task name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Se | 1 | 13.443 | 0.034 |
| Mg | 2 | 7.827 | 0.033 |
| V | 3 | 4.517 | 0.018 |
| Na | 4 | 6.725 | 0.014 |
| Al | 5 | 0.609 | 0.002 |
| Si | 6 | 2.190 | 0.015 |
| Fe | 10 | 16.484 | 0.061 |
| Ca | 11 | 35.780 | 0.111 |
| Co | 13 | 5.831 | 0.005 |
| Ag | 14 | 0.666 | 0.001 |
| Pb | 15 | 1.513 | 0.043 |
| Cd | 16 | 3.756 | 0.028 |
| Cd | 17 | 5.566 | 0.006 |
| Ni | 18 | 2.443 | 0.027 |
| K | 19 | 1.543 | 0.005 |
| Mn | 20 | 32.491 | 0.067 |
| Fe | 21 | 8.085 | 0.029 |
| Cr | 24 | 4.464 | 0.007 |
| Zn | 28 | 26.526 | 0.203 |

Identity 1: icvp Identity 2: 12:58 PM August 24, 1993
 Task name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts |
|-----------------|-----------------------------|
| Se | 13.436 13.480 13.412 |
| Mg | 7.817 7.863 7.800 |
| V | 4.514 4.537 4.501 |
| Na | 6.724 6.702 6.708 |

| Element | Peak | Area | Height | Integration | Concentration (ppm) |
|---------|------|--------|--------|-------------|---------------------|
| Al | 8 | 0.608 | 0.611 | 0.608 | 0.608 |
| Sb | 9 | 2.202 | 2.196 | 2.173 | 2.173 |
| Be | 10 | 16.481 | 16.546 | 16.425 | 16.425 |
| Ca | 11 | 36.724 | 36.708 | 36.708 | 36.708 |
| Cu | 13 | 5.824 | 5.834 | 5.825 | 5.825 |
| Hg | 14 | 0.666 | 0.667 | 0.666 | 0.666 |
| Pb | 15 | 1.478 | 1.551 | 1.500 | 1.500 |
| Co | 16 | 2.746 | 2.768 | 2.734 | 2.734 |
| Co | 17 | 5.688 | 5.575 | 5.590 | 5.590 |
| Ni | 18 | 2.472 | 2.423 | 2.422 | 2.422 |
| K | 19 | 1.546 | 1.546 | 1.536 | 1.536 |
| Mn | 20 | 32.490 | 32.558 | 32.424 | 32.424 |
| Fe | 21 | 8.114 | 8.086 | 8.086 | 8.086 |
| Cr | 24 | 4.461 | 4.472 | 4.458 | 4.458 |
| Zn | 28 | 26.760 | 26.423 | 26.395 | 26.395 |
| Al | 1 | 1.821 | 1.825 | 1.823 | 1.823 |
| Mg | 2 | 2.522 | 2.522 | 2.521 | 2.521 |
| V | 3 | 2.582 | 2.587 | 2.580 | 2.580 |
| As | 4 | 2.944 | 2.950 | 2.931 | 2.931 |
| Si | 5 | 1.667 | 1.673 | 1.665 | 1.665 |
| Fe | 6 | 2.265 | 2.266 | 2.265 | 2.265 |
| Fe | 7 | 1.457 | 1.457 | 1.455 | 1.455 |

Identify as comp Identify 2: 12:58 PM August 24, 1993

Test name: 4PCINI

Sample weight: 1.0000 Solution Volume: 1.00

Off-peak Integrations: 3

Off-peak Integrations: 1

| Element | Mean | St.D. | W.R.S.D. |
|---------|--------|-------|----------|
| Fe | 1.024 | 0.002 | 0.050 |
| Cu | 10.331 | 0.043 | 0.266 |
| Mg | 1.007 | 0.004 | 0.419 |
| V | 10.275 | 0.021 | 0.206 |
| Al | 1.043 | 0.004 | 0.348 |
| Sb | 0.988 | 0.007 | 0.664 |
| Be | 0.401 | 0.001 | 0.370 |
| Ca | 11.782 | 0.037 | 0.313 |
| Co | 1.024 | 0.002 | 0.050 |
| Hg | 0.355 | 0.000 | 0.094 |
| Pb | 1.006 | 0.029 | 2.661 |
| Cr | 0.511 | 0.004 | 0.754 |
| Co | 1.017 | 0.001 | 0.106 |
| NE | 1.038 | 0.011 | 1.105 |
| K | 10.140 | 0.029 | 0.288 |
| Mn | 1.030 | 0.002 | 0.267 |

Off-peak Counts Output 1:01 PM August 24, 1993

Test name: 4PCINI

Sample weight: 1.0000 Solution Volume: 1.00

Off-peak Integrations: 3

Off-peak Integrations: 1

Sample Change: On Peak

Knives

| Element | Peak | Area | Height | Integration | Concentration (ppm) |
|---------|------|-------|--------|-------------|---------------------|
| Fe | 1 | 1.821 | 1.825 | 1.823 | 1.823 |
| Mg | 2 | 2.522 | 2.522 | 2.521 | 2.521 |
| V | 3 | 2.582 | 2.587 | 2.580 | 2.580 |
| As | 4 | 2.944 | 2.950 | 2.931 | 2.931 |
| Si | 5 | 1.667 | 1.673 | 1.665 | 1.665 |
| Fe | 6 | 2.265 | 2.266 | 2.265 | 2.265 |
| Fe | 7 | 1.457 | 1.457 | 1.455 | 1.455 |

| | | | | |
|----|----|-------|-------|-------|
| Ca | 11 | 3.044 | 3.061 | 3.050 |
| Cu | 13 | 2.351 | 2.367 | 2.360 |
| Ag | 14 | 2.254 | 2.260 | 2.255 |
| Pb | 15 | 1.946 | 1.926 | 1.907 |
| Ba | 16 | 1.703 | 1.743 | 1.726 |
| Co | 17 | 1.693 | 1.701 | 1.697 |
| Ni | 18 | 1.393 | 1.400 | 1.395 |
| K | 19 | 1.617 | 1.616 | 1.612 |
| Mn | 20 | 1.562 | 1.528 | 1.568 |
| Fe | 21 | 1.977 | 1.941 | 1.954 |
| Cr | 24 | 1.974 | 1.977 | 1.964 |
| Zn | 28 | 1.568 | 1.597 | 1.606 |

Background Counts Output 1:01 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

| | | |
|----|--------|-------|
| Se | 1 BG2 | 1.749 |
| Nb | 2 BG2 | 2.471 |
| V | 5 BG2 | 2.561 |
| Na | 6 BG1 | 1.224 |
| Al | 8 BG1 | 1.565 |
| Si | 9 BG1 | 2.358 |
| Sb | 9 BG2 | 2.649 |
| Pb | 10 BG1 | 1.296 |
| Ca | 11 BG2 | 2.953 |
| Cu | 13 BG1 | 2.368 |
| Ag | 14 BG1 | 2.209 |
| Pb | 15 BG1 | 1.955 |
| Fe | 15 BG2 | 1.952 |
| Ba | 16 BG2 | 1.286 |
| Co | 17 BG2 | 1.711 |
| Ni | 18 BG1 | 1.401 |
| K | 19 BG1 | 1.677 |
| Mn | 20 BG1 | 1.488 |
| Fe | 21 BG1 | 1.943 |
| Cr | 24 BG2 | 1.966 |
| Zn | 26 BG2 | 1.534 |

Corrected Counts Statistics 1:01 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
|-----------------|--------------|--------------|-----------------|

| | | | | |
|----|---|-------|-------|--------|
| Se | 1 | 0.074 | 0.002 | 2.703 |
| Nb | 2 | 0.094 | 0.006 | 11.264 |
| V | 5 | 0.022 | 0.004 | 16.389 |

| | | | | |
|----|---|-------|-------|-------|
| Na | 6 | 1.703 | 0.010 | 0.565 |
| Al | 8 | 0.117 | 0.004 | 4.029 |

| | | | | |
|----|----|--------|-------|---------|
| Sb | 9 | -0.130 | 0.011 | 6.448 |
| Be | 10 | 0.142 | 0.004 | 2.539 |
| Ca | 11 | 0.069 | 0.009 | 12.556 |
| Co | 13 | 0.071 | 0.006 | 11.244 |
| Ag | 14 | 0.048 | 0.003 | 5.512 |
| Pb | 15 | -0.027 | 0.019 | 68.335 |
| Ba | 16 | 0.033 | 0.024 | 72.204 |
| Co | 17 | -0.014 | 0.004 | 29.371 |
| Al | 18 | -0.008 | 0.008 | 50.067 |
| I | 19 | -0.083 | 0.005 | 3.257 |
| Mn | 20 | 0.058 | 0.020 | 34.598 |
| Fe | 21 | 0.014 | 0.016 | 127.168 |
| Cr | 24 | 0.006 | 0.007 | 120.121 |
| Zn | 25 | 0.056 | 0.020 | 35.251 |

Identity 1: 1st; Identity 2: 1:01 PM August 24, 1993
 Task name: 4PCINT
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--------|--------|
| Be | 1 | 0.072 | 0.076 | 0.074 |
| Mg | 2 | 0.051 | 0.051 | 0.050 |
| V | 5 | 0.021 | 0.026 | 0.019 |
| Na | 8 | 1.720 | 1.726 | 1.707 |
| Al | 9 | 0.102 | 0.108 | 0.100 |
| Si | 9 | -0.124 | -0.143 | -0.124 |
| Be | 10 | 0.141 | 0.146 | 0.139 |
| Ca | 11 | 0.061 | 0.078 | 0.067 |
| Co | 13 | 0.063 | 0.079 | 0.072 |
| Ag | 14 | 0.047 | 0.051 | 0.046 |
| Pb | 15 | -0.010 | -0.025 | -0.047 |
| Ba | 16 | 0.035 | 0.055 | 0.008 |
| Co | 17 | -0.018 | -0.010 | -0.014 |
| Al | 18 | -0.008 | -0.001 | -0.016 |
| K | 19 | -0.064 | -0.061 | -0.065 |
| Mn | 20 | -0.054 | 0.040 | 0.080 |
| Fe | 21 | 0.034 | -0.002 | 0.011 |
| Cr | 24 | 0.008 | 0.011 | -0.002 |
| Zn | 25 | 0.034 | 0.063 | 0.072 |

Identity 1: 1st; Identity 2: 1:01 PM August 24, 1993
 Task name: 4PCINT
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| | Be (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|--------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.002 | -0.001 | 0.003 | 0.042 | -0.016 | -0.005 | 0.001 | -0.075 |
| S.D. | 0.000 | 0.005 | 0.001 | 0.014 | 0.009 | 0.005 | 0.000 | 0.003 |
| 1 S.D. | 0.000 | 0.016 | 0.004 | 0.042 | 0.028 | 0.016 | 0.000 | 0.009 |

Li Al Fe Co Cr Ni F Mn

| | (ppm) |
|----------|--------|--------|--------|--------|--------|--------|--------|---------|
| Mean | 0.000 | -0.004 | -0.015 | 0.006 | -0.010 | -0.010 | -0.034 | 0.000 |
| S.D. | 0.001 | 0.002 | 0.012 | 0.003 | 0.001 | 0.003 | 0.013 | 0.001 |
| ± R.S.D. | 50.054 | 38.122 | 53.691 | 57.963 | 7.272 | 33.119 | 38.977 | 225.235 |

| | Fe | Cr | Zn |
|----------|--------|---------|--------|
| | (ppm) | (ppm) | (ppm) |
| Mean | -0.004 | 0.001 | 0.000 |
| S.D. | 0.002 | 0.002 | 0.001 |
| ± R.S.D. | 50.091 | 157.082 | 30.415 |

On-Peak Counts Output 1:04 PM August 24, 1993
 Test name : 4FDINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| Ca | 1 | 1.818 | 1.820 |
| Mg | 2 | 2.546 | 2.555 |
| V | 5 | 3.051 | 3.037 |
| Na | 6 | 2.915 | 2.978 |
| Al | 8 | 1.676 | 1.674 |
| Pb | 9 | 2.726 | 2.746 |
| Se | 10 | 1.855 | 1.850 |
| Da | 11 | 10.809 | 10.752 |
| Cl | 13 | 2.661 | 2.657 |
| Ag | 14 | 2.341 | 2.343 |
| Pt | 15 | 2.122 | 2.155 |
| Cr | 16 | 1.377 | 1.395 |
| Co | 17 | 2.297 | 2.317 |
| Ni | 18 | 1.597 | 1.586 |
| I | 19 | 1.615 | 1.625 |
| Mn | 20 | 2.636 | 2.639 |
| Fe | 21 | 2.080 | 2.105 |
| C | 24 | 2.076 | 2.058 |
| C | 25 | 3.104 | 3.067 |

Background Counts Output 1:04 PM August 24, 1993
 Test name : 4FDINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ca | 1 832 | 1.757 | |
| Mg | 2 882 | 2.482 | |
| V | 5 802 | 2.575 | |
| Na | 6 881 | 1.220 | |
| Al | 8 881 | 1.585 | |
| Pb | 9 881 | 2.345 | |
| Se | 5 882 | 2.776 | |
| Da | 11 881 | 1.707 | |

| | | | |
|----|----|-----|-------|
| Ca | 11 | 862 | 2.995 |
| Ca | 13 | 861 | 2.268 |
| Ca | 14 | 861 | 2.211 |
| Ca | 15 | 861 | 1.925 |
| Ca | 15 | 862 | 1.918 |
| Ca | 16 | 862 | 1.294 |
| Ca | 17 | 862 | 1.707 |
| Ca | 18 | 861 | 1.375 |
| Ca | 18 | 861 | 1.680 |
| Ca | 20 | 861 | 1.472 |
| Ca | 21 | 861 | 1.917 |
| Ca | 24 | 862 | 1.967 |
| Ca | 28 | 862 | 1.532 |

Corrected Counts Statistics 1:04 PM August 24, 1993
 Task name : 4FCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|--------|
| Ca | 1 | 0.061 | 0.002 | 3.279 |
| Ca | 2 | 0.067 | 0.006 | 8.261 |
| Ca | 5 | 0.467 | 0.008 | 1.732 |
| Ca | 6 | 1.748 | 0.009 | 0.508 |
| Ca | 8 | 0.110 | 0.001 | 1.047 |
| Ca | 9 | 0.140 | 0.031 | 21.850 |
| Ca | 10 | 0.539 | 0.003 | 0.491 |
| Ca | 11 | 7.863 | 0.041 | 0.528 |
| Ca | 13 | 0.372 | 0.003 | 0.821 |
| Ca | 14 | 0.131 | 0.001 | 0.884 |
| Ca | 15 | 0.206 | 0.023 | 11.339 |
| Ca | 16 | 0.053 | 0.011 | 11.974 |
| Ca | 17 | 0.591 | 0.019 | 3.218 |
| Ca | 18 | 0.228 | 0.020 | 8.832 |
| Ca | 19 | -0.061 | 0.006 | 8.980 |
| Ca | 20 | 1.167 | 0.002 | 0.176 |
| Ca | 21 | -0.154 | 0.039 | 25.096 |
| Ca | 24 | 0.099 | 0.009 | 9.258 |
| Ca | 28 | 1.545 | 0.023 | 1.507 |

Identity 1: ca11 Identity 2: 1:04 PM August 24, 1993
 Task name : 4FCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | | |
|-----------------|------------------|-------|-------|-------|
| Ca | 1 | 0.061 | 0.063 | 0.059 |
| Ca | 2 | 0.064 | 0.073 | 0.063 |
| Ca | 5 | 0.476 | 0.462 | 0.462 |
| Ca | 6 | 1.745 | 1.756 | 1.741 |
| Ca | 8 | 0.111 | 0.109 | 0.111 |
| Ca | 9 | 0.146 | 0.166 | 0.166 |

10 1.537 1.535 1.529
11 7.814 7.757 7.837
12 0.373 0.369 0.375
13 0.130 0.130 0.130
14 0.199 0.232 0.186
15 0.083 0.105 0.091
16 0.590 0.610 0.572
17 0.222 0.211 0.250
18 -0.065 -0.065 -0.065
19 1.165 1.165 1.165
20 0.163 0.188 0.112
21 0.109 0.091 0.097
22 1.572 1.535 1.529

Task name : 4PCINT
Sample Weight : 1.0000 Solution Volume : 1.00
Off-Peak Integrations : 2

| Peak | Area | Height | Width | Centroid | Integration |
|------|--------|--------|--------|----------|-------------|
| 10 | 0.542 | 0.537 | 1.529 | 1.535 | 1.537 |
| 11 | 7.814 | 7.757 | 7.837 | 7.814 | 7.757 |
| 12 | 0.373 | 0.369 | 0.375 | 0.373 | 0.369 |
| 13 | 0.130 | 0.130 | 0.130 | 0.130 | 0.130 |
| 14 | 0.199 | 0.232 | 0.186 | 0.199 | 0.232 |
| 15 | 0.083 | 0.105 | 0.091 | 0.083 | 0.105 |
| 16 | 0.590 | 0.610 | 0.572 | 0.590 | 0.610 |
| 17 | 0.222 | 0.211 | 0.250 | 0.222 | 0.211 |
| 18 | -0.065 | -0.065 | -0.065 | -0.065 | -0.065 |
| 19 | 1.165 | 1.165 | 1.165 | 1.165 | 1.165 |
| 20 | 0.163 | 0.188 | 0.112 | 0.163 | 0.188 |
| 21 | 0.109 | 0.091 | 0.097 | 0.109 | 0.091 |
| 22 | 1.572 | 1.535 | 1.529 | 1.535 | 1.529 |

Identity : CR11 Identity 2:
1:05 PM August 24, 1993

Task name : 4PCINT
Sample Weight : 1.0000 Solution Volume : 1.00
Off-Peak Integrations : 3

| Peak | Area | Height | Width | Centroid | Integration |
|------|-------|--------|---------|----------|-------------|
| 1 | 2.493 | 0.011 | 0.604 | 0.013 | 0.002 |
| 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 3 | 0.014 | 0.000 | 0.604 | 0.013 | 0.002 |
| 4 | 2.493 | 0.011 | 0.604 | 0.013 | 0.002 |
| 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 6 | 0.035 | -0.021 | 164.957 | 0.035 | 0.035 |
| 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 8 | 0.035 | -0.021 | 164.957 | 0.035 | 0.035 |
| 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 17 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 29 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 31 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 34 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 35 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 37 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 38 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 40 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 41 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 44 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 46 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 47 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 49 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 50 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 52 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 53 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 55 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 56 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 58 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 59 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 61 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 62 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 63 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 64 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 65 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 66 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 67 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 68 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 69 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 70 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 71 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 72 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 73 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 74 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 75 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 76 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 77 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 78 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 79 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 80 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 81 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 82 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 83 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 84 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 85 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 86 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 87 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 88 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 89 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 91 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 93 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 94 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 96 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 98 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 99 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

1:07 PM August 24, 1993

Task name : 4PCINT
Sample Weight : 1.0000 Solution Volume : 1.00
Off-Peak Integrations : 3

On Peak Kpulses

| Peak | Area | Height | Width | Centroid | Integration |
|------|---------|---------|---------|----------|-------------|
| 1 | 2.512 | 2.512 | 2.512 | 2.512 | 2.512 |
| 2 | 368.752 | 370.273 | 369.522 | 368.752 | 370.273 |
| 3 | 2.800 | 2.811 | 2.806 | 2.800 | 2.811 |
| 4 | 3.093 | 3.102 | 3.104 | 3.093 | 3.102 |
| 5 | 234.750 | 235.706 | 235.227 | 234.750 | 235.706 |
| 6 | 4.158 | 4.158 | 4.158 | 4.158 | 4.158 |
| 7 | 1.535 | 1.535 | 1.535 | 1.535 | 1.535 |

10 1.535 1.535 1.529
11 7.814 7.757 7.837
12 0.373 0.369 0.375
13 0.130 0.130 0.130
14 0.199 0.232 0.186
15 0.083 0.105 0.091
16 0.590 0.610 0.572
17 0.222 0.211 0.250
18 -0.065 -0.065 -0.065
19 1.165 1.165 1.165
20 0.163 0.188 0.112
21 0.109 0.091 0.097
22 1.572 1.535 1.529

| | | | | |
|----|----|----------|----------|----------|
| Ag | 14 | 2.266 | 2.272 | 2.265 |
| Pb | 15 | 3.260 | 3.278 | 3.295 |
| Cd | 16 | 1.874 | 1.864 | 1.858 |
| Co | 17 | 1.563 | 1.881 | 1.870 |
| Ni | 18 | 1.533 | 1.518 | 1.529 |
| K | 19 | 1.622 | 1.615 | 1.614 |
| Mn | 20 | 2.444 | 2.447 | 2.704 |
| Fe | 21 | 1462.302 | 1468.758 | 1465.266 |
| Cr | 24 | 2.239 | 2.252 | 2.241 |
| Zn | 26 | 3.218 | 3.234 | 3.210 |

Background Counts Output 1:08 PM August 24, 1993
 Test name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
| Be | 1 B62 | 1.723 |
| Mg | 2 B62 | 4.847 |
| V | 5 B62 | 2.735 |
| Na | 6 B61 | 1.192 |
| Al | 8 B61 | 2.955 |
| Sb | 9 B61 | 4.054 |
| Si | 5 B62 | 4.394 |
| Se | 10 B61 | 1.306 |
| Ce | 11 B62 | 6.252 |
| Cl | 13 B61 | 2.287 |
| Ca | 14 B61 | 2.196 |
| Pt | 15 B61 | 4.039 |
| Pt | 15 B62 | 2.830 |
| De | 14 B62 | 1.653 |
| Co | 17 B62 | 1.847 |
| Ni | 18 B61 | 1.606 |
| V | 19 B61 | 1.655 |
| Mn | 20 B61 | 1.806 |
| Fe | 21 B61 | 3.063 |
| Cr | 24 B62 | 2.249 |
| Zn | 26 B62 | 2.094 |

Corrected Counts Statistics 1:08 PM August 24, 1993
 Test name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | XR.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|-------|
| Be | 1 | 0.791 | 0.003 | 0.365 |
| Mg | 2 | 364.669 | 0.761 | 0.209 |
| V | 5 | 0.071 | 0.006 | 7.794 |
| Na | 6 | 1.902 | 0.006 | 0.307 |
| Al | 8 | 272.277 | 0.478 | 0.206 |

| | | | | |
|----|----|--------|-------|---------|
| Be | 1 | -0.002 | 0.000 | 664.027 |
| Be | 10 | 0.004 | 0.000 | 0.651 |

| Channel | Corrected Counts |
|---------|------------------|
| 11 | 3.843 |
| 12 | 0.000 |
| 13 | 0.000 |
| 14 | 5.283 |
| 15 | 11.160 |
| 16 | 2.807 |
| 17 | 37.289 |
| 18 | 0.009 |
| 19 | 5.751 |
| 20 | 11.471 |
| 21 | 3.936 |
| 22 | 0.004 |
| 23 | 3.247 |
| 24 | 0.222 |
| 25 | 140.000 |
| 26 | 1.085 |

Identity: 1: 100% Identity 2: 1:08 PM August 24, 1993
 Peak name: 4:POINT
 Sample Weight: 1.000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| Channel | Corrected Counts |
|---------|------------------|
| 1 | 0.789 |
| 2 | 363.905 |
| 3 | 365.426 |
| 4 | 364.673 |
| 5 | 0.076 |
| 6 | 1.910 |
| 7 | 1.912 |
| 8 | 232.751 |
| 9 | 232.272 |
| 10 | 0.028 |
| 11 | -0.065 |
| 12 | 0.014 |
| 13 | 0.223 |
| 14 | 0.224 |
| 15 | 1372.412 |
| 16 | 1376.372 |
| 17 | 1380.096 |
| 18 | 0.196 |
| 19 | 0.196 |
| 20 | 0.196 |
| 21 | 0.076 |
| 22 | 0.076 |
| 23 | 0.076 |
| 24 | -0.139 |
| 25 | -0.139 |
| 26 | 0.205 |
| 27 | 0.205 |
| 28 | 0.023 |
| 29 | 0.023 |
| 30 | -0.077 |
| 31 | -0.077 |
| 32 | -0.088 |
| 33 | -0.088 |
| 34 | -0.040 |
| 35 | -0.040 |
| 36 | 0.838 |
| 37 | 0.841 |
| 38 | 0.898 |
| 39 | 1462.203 |
| 40 | 1468.725 |
| 41 | 1468.203 |
| 42 | -0.003 |
| 43 | -0.003 |
| 44 | 1.116 |

Identity: 1: 100% Identity 2: 1:08 PM August 24, 1993
 Peak name: 4:POINT
 Sample Weight: 1.000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| Element | Weight | Area | Height | Integration |
|---------|--------|---------|--------|-------------|
| Be | 0.056 | 484.571 | 1.011 | 0.209 |
| Mg | 0.005 | 484.571 | 1.011 | 0.209 |
| V | 0.005 | 484.571 | 1.011 | 0.209 |
| Na | 0.320 | 486.168 | 1.001 | 0.206 |
| Al | 0.046 | 486.168 | 1.001 | 0.206 |
| Sb | 0.003 | 459.859 | 1.276 | 0.279 |
| Be | 0.000 | 459.859 | 1.276 | 0.279 |
| K | 0.000 | 459.859 | 1.276 | 0.279 |
| Mn | 0.000 | 459.859 | 1.276 | 0.279 |

| Element | Weight | Area | Height | Integration |
|---------|--------|---------|--------|-------------|
| Be | 0.056 | 484.571 | 1.011 | 0.209 |
| Mg | 0.005 | 484.571 | 1.011 | 0.209 |
| V | 0.005 | 484.571 | 1.011 | 0.209 |
| Na | 0.320 | 486.168 | 1.001 | 0.206 |
| Al | 0.046 | 486.168 | 1.001 | 0.206 |
| Sb | 0.003 | 459.859 | 1.276 | 0.279 |
| Be | 0.000 | 459.859 | 1.276 | 0.279 |
| K | 0.000 | 459.859 | 1.276 | 0.279 |
| Mn | 0.000 | 459.859 | 1.276 | 0.279 |

| | | | | | | | | |
|----------|-------|--------|-------|-------|--------|-------|--------|-------|
| S.D. | 0.000 | 0.002 | 0.012 | 0.001 | 0.002 | 0.003 | 0.028 | 0.001 |
| % R.S.D. | 0.000 | 22.635 | 7.381 | 1.838 | 54.429 | 8.293 | 21.893 | 9.822 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 188.721 | -0.001 | 0.015 |
| S.D. | 0.419 | 0.002 | 0.000 |
| % R.S.D. | 0.222 | 119.526 | 2.952 |

On-Peak Counts Output 1:11 PM August 24, 1993
 Test name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses | | |
|---------|---------|--------------------|----------|----------|
| Fe | 1 | 9.126 | 9.164 | 9.104 |
| Mg | 2 | 349.158 | 370.387 | 367.422 |
| V | 5 | 4.948 | 4.935 | 4.947 |
| Na | 6 | 3.116 | 3.108 | 3.136 |
| Al | 8 | 234.449 | 235.868 | 234.292 |
| Si | 9 | 4.201 | 4.178 | 4.204 |
| Sr | 10 | 22.206 | 22.346 | 22.113 |
| Ca | 11 | 1373.511 | 1382.950 | 1372.246 |
| Li | 13 | 5.263 | 5.282 | 5.274 |
| Ag | 14 | 5.858 | 5.877 | 5.856 |
| Pb | 15 | 4.774 | 4.680 | 4.671 |
| Cd | 16 | 8.889 | 8.952 | 8.874 |
| Ce | 17 | 4.577 | 4.600 | 4.548 |
| Ni | 18 | 3.737 | 3.731 | 3.771 |
| K | 19 | 1.611 | 1.605 | 1.609 |
| Mn | 20 | 18.152 | 18.111 | 18.043 |
| Se | 21 | 1456.120 | 1465.723 | 1453.895 |
| Co | 24 | 4.400 | 4.396 | 4.394 |
| Zn | 28 | 27.570 | 27.781 | 27.549 |

Background Counts Output 1:11 PM August 24, 1993
 Test name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses | |
|---------|---------|-----------------------|--|
| Fe | 1 B02 | 1.725 | |
| Mg | 2 B02 | 4.815 | |
| V | 5 B02 | 2.739 | |
| Na | 6 B01 | 1.188 | |
| Al | 8 B01 | 2.960 | |
| Si | 9 B01 | 4.104 | |
| Sr | 9 B02 | 5.037 | |
| Ca | 10 B01 | 1.535 | |

| | | |
|----|--------|-------|
| Ca | 11 B00 | 8.213 |
| Li | 13 B01 | 2.288 |

Identity: 45001 1:11 PM August 24, 1993

Peak name: 45001
 Sample weight: 1.0000 Solution Volume: 1.00
 Off-Peak Integrations: 3 Off-Peak Integrations: 1

| Channel | Corrected Counts |
|---------|------------------|
| EE | 7.401 |
| MS | 363.843 |
| V | 2.209 |
| NE | 1.928 |
| NI | 1.928 |
| DE | 231.498 |
| DI | 231.498 |
| SE | -0.288 |
| SI | -0.409 |
| TE | -0.283 |

Identity: 45001 1:11 PM August 24, 1993

Peak name: 45001
 Sample weight: 1.0000 Solution Volume: 1.00
 Off-Peak Integrations: 3 Off-Peak Integrations: 1

| Channel | Mean Kpulses | S.D. Kpulses | KR.S.D. Kpulses |
|---------|--------------|--------------|-----------------|
| EE | 7.406 | 0.030 | 0.410 |
| MS | 363.841 | 1.544 | 0.424 |
| V | 2.204 | 0.007 | 0.328 |
| NE | 1.932 | 0.014 | 0.746 |
| NI | 231.916 | 0.880 | 0.379 |
| DE | 20.887 | 0.117 | 0.567 |
| DI | 1368.023 | 5.849 | 0.428 |
| SE | 2.987 | 0.010 | 0.319 |
| SI | 3.456 | 0.012 | 0.359 |
| TE | 1.256 | 0.037 | 4.541 |
| DE | 7.225 | 0.041 | 0.573 |
| DI | 2.727 | 0.026 | 0.956 |
| NE | 2.171 | 0.023 | 0.993 |
| NI | -0.044 | 0.003 | 5.677 |
| DE | 16.215 | 0.055 | 0.339 |
| DI | 1455.541 | 6.286 | 0.432 |
| SE | 2.139 | 0.003 | 0.143 |
| SI | 25.539 | 0.126 | 0.503 |

| Channel | Mean Kpulses | S.D. Kpulses | KR.S.D. Kpulses |
|---------|--------------|--------------|-----------------|
| EE | 2.207 | | |
| MS | 4.056 | | |
| V | 2.848 | | |
| NE | 1.680 | | |
| NI | 1.848 | | |
| DE | 1.632 | | |
| DI | 1.632 | | |
| SE | 1.632 | | |
| SI | 1.632 | | |
| TE | 1.632 | | |
| DE | 2.104 | | |

| | | | | |
|----|----|----------|----------|----------|
| Cu | 13 | 2.977 | 2.996 | 2.988 |
| Ag | 14 | 3.448 | 3.476 | 3.449 |
| Pb | 15 | 1.322 | 1.228 | 1.219 |
| Cd | 16 | 7.209 | 7.271 | 7.194 |
| Co | 17 | 2.729 | 2.752 | 2.700 |
| Ni | 18 | 2.162 | 2.156 | 2.194 |
| K | 19 | -0.042 | -0.047 | -0.044 |
| Mn | 20 | 16.305 | 16.264 | 16.196 |
| Fe | 21 | 1450.662 | 1442.685 | 1450.657 |
| Cr | 24 | 2.142 | 2.138 | 2.134 |
| Zn | 28 | 25.466 | 25.677 | 25.445 |

Identity 1: icsebl Identity 2: 1:11 PM August 24, 1993
 Task name: 4PCINT
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|----------|----------|---------|----------|----------|----------|----------|----------|
| Mean | 0.558 | 483.570 | 0.482 | 0.355 | 485.421 | -0.118 | 0.504 | 454.113 |
| S.D. | 0.002 | 2.052 | 0.002 | 0.021 | 1.842 | 0.006 | 0.003 | 1.942 |
| % R.S.D. | 0.413 | 0.424 | 0.343 | 5.929 | 0.379 | 5.146 | 0.570 | 0.428 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| Mean | 0.515 | 1.996 | 0.761 | 0.887 | 0.493 | 0.922 | 0.086 | 0.500 |
| S.D. | 0.002 | 0.007 | 0.038 | 0.005 | 0.005 | 0.009 | 0.016 | 0.002 |
| % R.S.D. | 0.327 | 0.345 | 4.853 | 0.582 | 0.970 | 1.000 | 18.424 | 0.346 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|----------|----------|----------|
| Mean | 127.838 | 0.488 | 0.963 |
| S.D. | 0.811 | 0.001 | 0.005 |
| % R.S.D. | 0.432 | 0.143 | 0.509 |

On-Peak Counts Output 1:14 PM August 24, 1993
 Task name: 4PCINT
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| Be | 1 | 68.461 | 68.214 |
| Ba | 2 | 40.946 | 40.802 |
| Ca | 3 | 25.078 | 24.995 |
| Co | 4 | 37.654 | 37.557 |
| Cr | 5 | 4.343 | 4.337 |
| Cd | 6 | 17.298 | 17.157 |
| Fe | 7 | 64.364 | 63.983 |
| Ag | 8 | 181.810 | 181.452 |
| Al | 9 | 30.712 | 30.656 |
| | 10 | | |
| | 11 | | |
| | 12 | | |
| | 13 | | |
| | 14 | 4.401 | 4.405 |
| | 15 | 9.552 | 9.520 |

| | | | | |
|----|----|---------|---------|---------|
| Cd | 16 | 19.654 | 19.590 | 19.672 |
| Co | 17 | 29.032 | 29.149 | 28.990 |
| Ni | 18 | 13.233 | 13.151 | 13.115 |
| K | 19 | 9.617 | 9.585 | 9.545 |
| Kr | 20 | 160.110 | 159.358 | 158.954 |
| Fe | 21 | 42.857 | 42.861 | 41.527 |
| Cr | 24 | 23.946 | 23.862 | 23.814 |
| Zn | 28 | 130.352 | 130.616 | 129.929 |

Background Counts Output 1:14 PM August 24, 1993

Task name : 4FDINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | | |
|----|--------|-------|--|
| Sr | 1 B62 | 1.776 | |
| Mg | 2 B62 | 2.743 | |
| V | 5 B62 | 2.584 | |
| Na | 6 B61 | 1.249 | |
| Al | 8 B61 | 1.644 | |
| Si | 9 B61 | 2.506 | |
| Sb | 9 B61 | 8.549 | |
| Fe | 10 B61 | 2.213 | |
| Ca | 11 B62 | 3.642 | |
| Cl | 13 B61 | 2.294 | |
| Kg | 14 B61 | 2.227 | |
| Fe | 15 B61 | 2.036 | |
| Pb | 15 B61 | 2.020 | |
| Sc | 16 B62 | 1.445 | |
| Co | 17 B62 | 1.752 | |
| Ni | 18 B61 | 1.483 | |
| K | 19 B61 | 1.681 | |
| Kr | 20 B61 | 1.880 | |
| Fe | 21 B61 | 1.541 | |
| Cr | 24 B62 | 2.013 | |
| Zn | 28 B62 | 1.591 | |

Corrected Counts Statistics 1:14 PM August 24, 1993

Task name : 4FDINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | XR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|--------|-------|-------|
| Sr | 1 | 66.459 | 0.216 | 0.325 |
| Mg | 2 | 38.059 | 0.144 | 0.377 |
| V | 5 | 22.411 | 0.083 | 0.368 |
| Na | 6 | 36.268 | 0.161 | 0.445 |
| Al | 8 | 2.684 | 0.018 | 0.654 |
| Si | 9 | 11.584 | 0.071 | 0.617 |
| Fe | 10 | 31.743 | 0.352 | 0.479 |

| | | | | |
|----|----|---------|-------|-------|
| Ca | 11 | 172.306 | 0.753 | 0.425 |
| Cl | 13 | 26.246 | 0.377 | 0.271 |

| | | | | |
|----|----|---------|-------|-------|
| Pg | 14 | 2.179 | 0.005 | 0.231 |
| Pb | 15 | 7.504 | 0.057 | 0.753 |
| Pd | 16 | 18.223 | 0.018 | 0.099 |
| Se | 17 | 27.395 | 0.082 | 0.302 |
| Ni | 18 | 11.653 | 0.060 | 0.518 |
| K | 19 | 7.904 | 0.036 | 0.457 |
| Mn | 20 | 157.544 | 0.587 | 0.372 |
| Fe | 21 | 40.054 | 0.076 | 0.190 |
| Cr | 24 | 21.882 | 0.068 | 0.311 |
| Zn | 25 | 128.675 | 0.420 | 0.372 |

Identity 1: ccvpl Identity 2: 1:14 PM August 24, 1993
 Task name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|---------|---------|
| Ba | 1 | 66.685 | 66.438 | 66.254 |
| Mg | 2 | 38.203 | 38.059 | 37.916 |
| V | 5 | 22.494 | 22.411 | 22.329 |
| Na | 4 | 36.405 | 36.308 | 36.090 |
| Al | 8 | 2.699 | 2.693 | 2.666 |
| Sb | 9 | 11.666 | 11.525 | 11.575 |
| Se | 10 | 82.151 | 81.770 | 81.368 |
| Ca | 11 | 175.165 | 175.010 | 177.741 |
| Cu | 13 | 28.416 | 28.362 | 28.266 |
| Ag | 14 | 2.184 | 2.178 | 2.174 |
| Pt | 15 | 7.566 | 7.492 | 7.455 |
| Co | 16 | 18.205 | 18.241 | 18.223 |
| Os | 17 | 27.280 | 27.397 | 27.238 |
| NI | 18 | 11.750 | 11.666 | 11.632 |
| K | 19 | 7.936 | 7.904 | 7.864 |
| Mn | 20 | 158.230 | 157.478 | 157.074 |
| Fe | 21 | 40.096 | 40.100 | 39.966 |
| Cr | 24 | 21.935 | 21.849 | 21.801 |
| Zn | 25 | 129.261 | 129.025 | 128.338 |

Identity 1: ccvpl Identity 2: 1:14 PM August 24, 1993
 Task name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Se (ppm) | Ca (ppm) |
|----------|----------|----------|---------|----------|----------|----------|----------|----------|
| Mean | 5.037 | 50.519 | 5.005 | 50.499 | 5.393 | 5.017 | 1.999 | 59.103 |
| S.D. | 0.016 | 0.191 | 0.018 | 0.236 | 0.037 | 0.031 | 0.010 | 0.252 |
| ± R.S.D. | 0.326 | 0.378 | 0.368 | 0.467 | 0.683 | 0.611 | 0.479 | 0.426 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|------|----------|----------|----------|----------|----------|----------|---------|----------|
| Mean | 5.028 | 1.246 | 4.978 | 2.477 | 5.002 | 4.988 | 50.400 | 5.001 |

| | | | | | | | | |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|
| S.D. | 0.014 | 0.003 | 0.037 | 0.002 | 0.015 | 0.026 | 0.228 | 0.019 |
| ± R.S.D. | 0.271 | 0.237 | 0.755 | 0.095 | 0.302 | 0.518 | 0.453 | 0.377 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 5.165 | 4.995 | 5.005 |
| S.D. | 0.016 | 0.016 | 0.019 |
| M.R.S.D. | 0.191 | 0.311 | 0.372 |

On-Peak Counts Output 1:17 PM August 24, 1993
 Task name : 4FDINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| Ba | 1 | 1.826 | 1.819 |
| Ca | 2 | 2.591 | 2.592 |
| V | 5 | 2.567 | 2.558 |
| Na | 6 | 3.010 | 2.997 |
| Al | 8 | 1.701 | 1.702 |
| Si | 9 | 2.370 | 2.357 |
| Fe | 10 | 1.450 | 1.441 |
| Co | 11 | 3.355 | 3.336 |
| Li | 13 | 2.354 | 2.340 |
| Mg | 14 | 2.248 | 2.240 |
| Pb | 15 | 1.927 | 1.924 |
| Se | 16 | 1.299 | 1.325 |
| Sc | 17 | 1.709 | 1.699 |
| Te | 18 | 1.366 | 1.428 |
| A | 19 | 1.610 | 1.610 |
| Mn | 20 | 1.552 | 1.535 |
| Be | 21 | 2.245 | 2.215 |
| Cr | 24 | 1.960 | 1.952 |
| Zn | 25 | 1.593 | 1.589 |

Background Counts Output 1:17 PM August 24, 1993
 Task name : 4FDINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ba | 1 B02 | 1.742 | |
| Ca | 2 B02 | 2.443 | |
| V | 5 B02 | 2.552 | |
| Na | 6 B01 | 1.215 | |
| Al | 8 B01 | 1.552 | |
| Si | 9 B01 | 2.288 | |
| Fe | 9 B02 | 2.585 | |
| Co | 10 B01 | 1.253 | |
| Li | 11 B01 | 2.945 | |
| Li | 15 B01 | 2.265 | |

| | | |
|----|--------|-------|
| Li | 14 B01 | 2.187 |
| Li | 18 B01 | 1.545 |

| | | | | |
|----|--------|--------|--------|--------|
| 28 | 0.058 | 0.075 | 0.055 | 0.050 |
| 27 | 0.083 | 0.075 | 0.055 | 0.050 |
| 26 | 0.410 | 1.391 | 0.410 | 0.353 |
| 25 | 0.157 | 0.148 | 0.157 | 0.140 |
| 24 | -0.072 | -0.085 | -0.072 | -0.103 |
| 23 | 0.149 | 0.150 | 0.149 | 0.139 |
| 22 | 1.795 | 1.782 | 1.795 | 1.768 |
| 21 | 0.015 | 0.006 | 0.015 | 0.001 |
| 20 | 0.148 | 0.149 | 0.148 | 0.124 |
| 19 | 0.084 | 0.077 | 0.084 | 0.069 |

 Analyte Channel: Corrected Counts

 Off-Peak Integrations: 3
 Sample Weight: 1.0000
 Solution Volume: 1.00
 Peak Name: 4P21M1
 Identity: ccbt
 Identity 2: 1:17 PM August 24, 1993

| | | | | |
|----|-------|--------|-------|----------|
| 28 | 0.024 | 0.058 | 0.024 | 41.195 |
| 27 | 0.006 | 0.016 | 0.006 | 36.295 |
| 26 | 0.015 | 0.018 | 0.015 | 4.854 |
| 25 | 0.009 | 0.087 | 0.009 | 10.020 |
| 24 | 0.002 | -0.062 | 0.002 | 3.705 |
| 23 | 0.021 | 0.023 | 0.021 | 92.787 |
| 22 | 0.015 | 0.014 | 0.015 | 105.221 |
| 21 | 0.023 | 0.041 | 0.023 | 49.075 |
| 20 | 0.009 | 0.001 | 0.009 | 1020.588 |
| 19 | 0.010 | 0.051 | 0.010 | 19.169 |
| 18 | 0.010 | 0.078 | 0.010 | 13.214 |
| 17 | 0.024 | 0.356 | 0.024 | 6.994 |
| 16 | 0.009 | 0.148 | 0.009 | 5.734 |
| 15 | 0.016 | -0.086 | 0.016 | 16.041 |
| 14 | 0.006 | 0.146 | 0.006 | 4.166 |
| 13 | 0.014 | 1.782 | 0.014 | 0.758 |
| 12 | 0.007 | 0.007 | 0.007 | 96.745 |
| 11 | 0.014 | 0.140 | 0.014 | 16.086 |
| 10 | 0.008 | 0.077 | 0.008 | 9.790 |

 Analyte Channel: Mean Kpulses
 S.D. Kpulses
 X.R.S.D. Kpulses

 Off-Peak Integrations: 3
 Sample Weight: 1.0000
 Solution Volume: 1.00
 Peak Name: 4P21M1
 Corrected Counts Statistics
 Identity: ccbt
 Identity 2: 1:17 PM August 24, 1993

| | | | |
|----|-------|----|-------|
| 28 | 1.577 | 28 | 1.577 |
| 27 | 1.528 | 27 | 1.528 |
| 26 | 1.517 | 26 | 1.517 |
| 25 | 1.461 | 25 | 1.461 |
| 24 | 1.671 | 24 | 1.671 |
| 23 | 1.363 | 23 | 1.363 |
| 22 | 1.682 | 22 | 1.682 |
| 21 | 1.284 | 21 | 1.284 |
| 20 | 1.910 | 20 | 1.910 |

| | | | | |
|----|----|-------|-------|-------|
| Ni | 18 | 1.368 | 1.362 | 1.400 |
| K | 19 | 1.611 | 1.616 | 1.612 |
| Mn | 20 | 1.506 | 1.509 | 1.479 |
| Fe | 21 | 2.126 | 2.143 | 2.141 |
| Cr | 24 | 1.962 | 1.963 | 1.957 |
| Zn | 28 | 1.576 | 1.607 | 1.584 |

Background Counts Output 1:21 PM August 24, 1993

Test name : 4PCINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

| | | |
|----|--------|-------|
| Se | 1 862 | 1.738 |
| Mg | 2 862 | 2.448 |
| V | 5 862 | 2.545 |
| Na | 6 861 | 1.226 |
| Al | 8 861 | 1.559 |
| Sb | 9 861 | 2.315 |
| Sr | 9 862 | 2.606 |
| Se | 10 861 | 1.299 |
| Ca | 11 862 | 2.963 |
| Cu | 13 861 | 2.279 |
| Ag | 14 861 | 2.212 |
| Po | 15 861 | 1.917 |
| Pt | 15 862 | 1.910 |
| Ge | 16 862 | 1.284 |
| Co | 17 862 | 1.844 |
| Ni | 18 861 | 1.392 |
| K | 19 861 | 1.676 |
| Mn | 20 861 | 1.474 |
| Fe | 21 861 | 1.931 |
| Cr | 24 862 | 1.949 |
| Zn | 28 862 | 1.494 |

Corrected Counts Statistics 1:21 PM August 24, 1993

Test name : 4PCINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses ZR.S.D. Kpulses

| | | | | |
|----|----|--------|-------|--------|
| Se | 1 | 0.066 | 0.003 | 4.009 |
| Mg | 2 | 0.111 | 0.003 | 2.384 |
| V | 5 | 0.026 | 0.006 | 22.829 |
| Na | 6 | 1.779 | 0.006 | 0.325 |
| Al | 8 | 0.134 | 0.004 | 2.832 |
| Sb | 9 | -0.148 | 0.017 | 11.236 |
| Se | 10 | 0.117 | 0.002 | 1.309 |
| Ca | 11 | 0.215 | 0.003 | 1.345 |
| Cu | 13 | 0.067 | 0.003 | 4.563 |

| | | | | |
|----|----|-------|-------|--------|
| Ag | 14 | 0.032 | 0.003 | 6.963 |
| Po | 15 | 0.044 | 0.005 | 33.666 |

0917

| | | | | |
|----|----|--------|-------|---------|
| Cd | 16 | 0.009 | 0.005 | 50.634 |
| Co | 17 | 0.039 | 0.006 | 16.345 |
| Ni | 18 | -0.009 | 0.016 | 185.096 |
| K | 19 | -0.063 | 0.003 | 4.200 |
| Mn | 20 | 0.024 | 0.017 | 65.845 |
| Fe | 21 | 0.206 | 0.008 | 3.947 |
| Cr | 24 | 0.012 | 0.003 | 27.553 |
| Zn | 28 | 0.075 | 0.016 | 16.941 |

Identity 1: 9934 Identity 2: 1:21 PM August 24, 1993
 Test name: 4PCINT
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--------|--------|
| Ba | 1 | 0.063 | 0.068 | 0.067 |
| Mg | 2 | 0.168 | 0.112 | 0.113 |
| V | 5 | 0.019 | 0.030 | 0.028 |
| Na | 6 | 1.772 | 1.782 | 1.782 |
| Al | 8 | 0.131 | 0.138 | 0.132 |
| Sb | 9 | -0.130 | -0.154 | -0.162 |
| Se | 10 | 0.115 | 0.117 | 0.118 |
| Ca | 11 | 0.213 | 0.218 | 0.213 |
| Cd | 13 | 0.064 | 0.066 | 0.070 |
| Ag | 14 | 0.036 | 0.041 | 0.037 |
| Pb | 15 | 0.029 | 0.058 | 0.043 |
| Co | 16 | 0.011 | 0.013 | 0.004 |
| Co | 17 | 0.042 | 0.032 | 0.044 |
| Ni | 18 | -0.024 | -0.010 | 0.008 |
| K | 19 | -0.065 | -0.060 | -0.064 |
| Mn | 20 | 0.032 | 0.035 | 0.005 |
| Fe | 21 | 0.197 | 0.212 | 0.210 |
| Cr | 24 | 0.013 | 0.014 | 0.008 |
| Zn | 28 | 0.082 | 0.113 | 0.090 |

Identity 1: 9934 Identity 2: 1:21 PM August 24, 1993
 Test name: 4PCINT
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Se (ppm) | Ca (ppm) |
|----------|----------|----------|---------|----------|----------|----------|----------|----------|
| Mean | 0.001 | 0.075 | 0.004 | 0.131 | 0.048 | -0.014 | 0.000 | -0.027 |
| S.D. | 0.000 | 0.004 | 0.001 | 0.008 | 0.008 | 0.007 | 0.000 | 0.001 |
| L.R.S.D. | 14.977 | 4.697 | 33.812 | 6.422 | 16.603 | 51.419 | 9.752 | 3.617 |

| | Cd (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| Mean | -0.001 | -0.010 | 0.032 | 0.002 | -0.000 | -0.010 | -0.032 | -0.001 |
| S.D. | 0.001 | 0.002 | 0.010 | 0.001 | 0.001 | 0.007 | 0.017 | 0.001 |
| L.R.S.D. | 80.100 | 15.618 | 29.805 | 27.391 | 384.777 | 69.741 | 52.836 | 65.957 |

| | (ppm) | (ppm) | (ppm) |
|----------|-------|--------|--------|
| Mean | 0.020 | 0.002 | 0.004 |
| S.D. | 0.001 | 0.001 | 0.001 |
| % R.S.D. | 5.166 | 31.169 | 15.354 |

On-Peak Counts Output 1:24 PM August 24, 1993
 Task name : 4P01N7
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses | | |
|---------|---------|--------------------|---------|---------|
| Ba | 1 | 19.587 | 19.432 | 19.519 |
| Mg | 2 | 12.239 | 12.162 | 12.206 |
| V | 5 | 5.475 | 5.465 | 5.456 |
| Na | 6 | 5.001 | 4.998 | 4.996 |
| Al | 8 | 15.563 | 15.452 | 15.505 |
| Sb | 9 | 2.802 | 2.780 | 2.815 |
| Se | 10 | 21.450 | 21.249 | 21.303 |
| Ca | 11 | 44.202 | 43.837 | 44.043 |
| Cu | 13 | 3.478 | 3.485 | 3.482 |
| Ag | 14 | 3.424 | 3.426 | 3.425 |
| Pb | 15 | 2.893 | 2.887 | 2.880 |
| Ce | 16 | 4.783 | 4.847 | 4.845 |
| Co | 17 | 2.483 | 2.492 | 2.425 |
| Ni | 18 | 3.662 | 3.606 | 3.612 |
| K | 19 | 3.899 | 3.876 | 3.880 |
| Mn | 20 | 19.235 | 28.956 | 29.119 |
| Fe | 21 | 308.655 | 306.191 | 306.695 |
| Cr | 24 | 3.404 | 3.372 | 3.386 |
| In | 28 | 37.227 | 36.867 | 37.077 |

Background Counts Output 1:24 PM August 24, 1993
 Task name : 4P01N7
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses | |
|---------|---------|-----------------------|--|
| Ba | 1 B62 | 1.745 | |
| Mg | 2 B62 | 2.524 | |
| V | 5 B62 | 2.555 | |
| Na | 6 B61 | 1.226 | |
| Al | 8 B61 | 1.643 | |
| Sb | 9 B61 | 2.425 | |
| Se | 9 B62 | 3.416 | |
| Ca | 10 B61 | 1.623 | |
| Cu | 11 B62 | 3.119 | |
| Ag | 13 B61 | 2.677 | |
| Pb | 14 B61 | 2.206 | |
| Ce | 15 B61 | 2.091 | |
| Co | 16 B62 | 1.979 | |
| Cr | 24 B62 | 1.337 | |

| | | |
|----|--------|-------|
| Co | 17 BG2 | 1.702 |
| Ni | 18 BG1 | 1.435 |
| K | 19 BG1 | 1.673 |
| Mn | 20 BG1 | 1.558 |
| Fe | 21 BG1 | 2.123 |
| Cr | 24 BG2 | 1.955 |
| In | 18 BG2 | 1.586 |

Corrected Counts Statistics 1:24 PM August 24, 1993

Task name : 4PCIN

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|--------|
| Be | 1 | 17.768 | 0.078 | 0.437 |
| Mg | 2 | 9.679 | 0.039 | 0.400 |
| V | 5 | 2.910 | 0.010 | 0.327 |
| Na | 6 | 3.770 | 0.006 | 0.146 |
| Al | 8 | 13.864 | 0.056 | 0.400 |
| Si | 9 | -0.139 | 0.018 | 12.766 |
| Se | 10 | 19.711 | 0.104 | 0.528 |
| Sa | 11 | 40.905 | 0.153 | 0.447 |
| Cu | 13 | 0.605 | 0.004 | 0.581 |
| Ag | 14 | 1.219 | 0.001 | 0.082 |
| Pb | 15 | 0.852 | 0.007 | 0.764 |
| Sc | 16 | 3.488 | 0.034 | 1.043 |
| Co | 17 | 0.766 | 0.034 | 4.448 |
| Ni | 18 | 2.192 | 0.031 | 1.403 |
| K | 19 | 2.209 | 0.007 | 0.301 |
| Mn | 20 | 27.547 | 0.140 | 0.509 |
| Fe | 21 | 305.057 | 1.302 | 0.427 |
| Cr | 24 | 1.432 | 0.016 | 1.120 |
| In | 25 | 35.471 | 0.181 | 0.510 |

Identity 1: 5935 Identity 2: 1:24 PM August 24, 1993

Task name : 4PCIN

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | | |
|-----------------|------------------|--------|--------|--------|
| Be | 1 | 17.842 | 17.687 | 17.774 |
| Mg | 2 | 9.715 | 9.638 | 9.684 |
| V | 5 | 2.920 | 2.910 | 2.901 |
| Na | 6 | 3.775 | 3.764 | 3.770 |
| Al | 8 | 13.920 | 13.809 | 13.862 |
| Si | 9 | -0.136 | -0.158 | -0.123 |
| Se | 10 | 19.827 | 19.626 | 19.680 |
| Sa | 11 | 41.083 | 40.718 | 40.924 |
| Cu | 13 | 0.601 | 0.608 | 0.605 |
| Ag | 14 | 1.218 | 1.220 | 1.219 |

| | | | | |
|----|----|-------|-------|-------|
| Pb | 15 | 0.855 | 0.852 | 0.848 |
| Sc | 16 | 3.488 | 3.510 | 3.508 |

| | | | | |
|----|----|---------|---------|---------|
| Co | 17 | 0.781 | 0.790 | 0.727 |
| Ni | 18 | 2.227 | 2.171 | 2.177 |
| Al | 19 | 2.218 | 2.203 | 2.207 |
| Mn | 20 | 27.675 | 27.400 | 27.563 |
| Fe | 21 | 304.572 | 304.048 | 304.572 |
| Cr | 24 | 1.445 | 1.417 | 1.431 |
| Zn | 25 | 35.641 | 35.281 | 35.491 |

Identity 1: 9535 Identity 2: 1:24 PM August 24, 1993

Test name: 4PDINT

Sample Weight: 1.0000 Solution Volume: 1.00

On-Peak Integrations: 3 Off-Peak Integrations: 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Se (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 1.344 | 12.793 | 0.447 | 3.039 | 28.800 | -0.010 | 0.480 | 13.485 |
| S.D. | 0.006 | 0.051 | 0.002 | 0.008 | 0.116 | 0.008 | 0.003 | 0.061 |
| % R.S.D. | 0.432 | 0.403 | 0.328 | 0.265 | 0.404 | 77.748 | 0.530 | 0.451 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.095 | 0.483 | 0.556 | 0.455 | 0.133 | 0.931 | 14.353 | 0.670 |
| S.D. | 0.001 | 0.001 | 0.004 | 0.005 | 0.006 | 0.013 | 0.042 | 0.004 |
| % R.S.D. | 0.657 | 0.066 | 0.769 | 1.106 | 4.700 | 1.412 | 0.294 | 0.510 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 39.363 | 0.327 | 1.374 |
| S.D. | 0.166 | 0.004 | 0.007 |
| % R.S.D. | 0.427 | 1.121 | 0.509 |

On-Peak Counts Output 1:28 PM August 24, 1993

Test name: 4PDINT

Sample Weight: 1.0000 Solution Volume: 1.00

On-Peak Integrations: 3 Off-Peak Integrations: 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|-----------------|
| Fe | 1 | 13.757 | 13.739 13.726 |
| Fe | 2 | 19.485 | 19.422 19.469 |
| Fe | 5 | 2.928 | 2.936 2.941 |
| Fe | 6 | 4.028 | 4.025 4.028 |
| Fe | 8 | 23.025 | 22.972 22.964 |
| Fe | 9 | 2.612 | 2.565 2.629 |
| Fe | 10 | 1.488 | 1.497 1.494 |
| Fe | 11 | 128.376 | 128.316 128.268 |
| Fe | 13 | 7.535 | 7.525 7.526 |
| Fe | 14 | 2.246 | 2.243 2.248 |
| Fe | 15 | 4.848 | 4.838 4.832 |
| Fe | 16 | 1.710 | 1.745 1.745 |
| Fe | 17 | 2.073 | 2.035 2.029 |

| | | | |
|----|----|-------|-------------|
| Fe | 18 | 0.110 | 0.107 0.104 |
| Fe | 19 | 0.164 | 0.168 0.167 |

| | | | | |
|----|----|----------|----------|----------|
| Mn | 20 | 83.628 | 83.549 | 83.540 |
| Fe | 21 | 1495.173 | 1492.839 | 1489.199 |
| Cr | 24 | 2.967 | 2.962 | 2.975 |
| Zn | 28 | 87.604 | 87.760 | 88.280 |

Background Counts Output 1:28 PM August 24, 1993
 Test name : 4PCONT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
| Be | 1 B02 | 1.749 |
| Mg | 2 B02 | 2.666 |
| V | 5 B02 | 2.597 |
| Na | 6 B01 | 1.212 |
| Al | 8 B01 | 1.678 |
| Si | 9 B01 | 2.524 |
| St | 9 B02 | 2.863 |
| Fe | 10 B01 | 1.312 |
| Ca | 11 B02 | 3.421 |
| Cl | 13 B01 | 2.406 |
| Ag | 14 B01 | 2.191 |
| Pb | 15 B01 | 2.162 |
| Pb | 15 B02 | 2.047 |
| Co | 16 B02 | 1.361 |
| Co | 17 B02 | 1.796 |
| Ni | 18 B01 | 1.506 |
| K | 19 B01 | 1.668 |
| Kr | 20 B01 | 1.738 |
| Fe | 21 B01 | 2.861 |
| Cr | 24 B02 | 2.011 |
| Zn | 28 B02 | 1.701 |

Corrected Counts Statistics 1:28 PM August 24, 1993
 Test name : 4PCONT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|--------|
| Be | 1 | 11.992 | 0.016 | 0.130 |
| Mg | 2 | 16.793 | 0.033 | 0.195 |
| V | 5 | 0.337 | 0.008 | 2.264 |
| Na | 6 | 2.815 | 0.002 | 0.062 |
| Al | 8 | 21.309 | 0.033 | 0.156 |
| Si | 9 | -0.097 | 0.033 | 34.055 |
| Fe | 10 | 0.181 | 0.005 | 2.532 |
| Ca | 11 | 124.899 | 0.054 | 0.043 |
| Cl | 13 | 5.123 | 0.006 | 0.108 |
| Ag | 14 | 0.055 | 0.003 | 4.604 |
| Fe | 15 | 2.734 | 0.007 | 0.257 |

| | | | | |
|----|----|-------|-------|-------|
| Co | 16 | 0.073 | 0.001 | 5.655 |
| Co | 17 | 0.060 | 0.004 | 0.557 |

| | | | | |
|----|----|----------|-------|-------|
| Ki | 18 | 0.608 | 0.009 | 1.493 |
| K | 19 | 0.498 | 0.002 | 0.307 |
| Mn | 20 | 81.834 | 0.048 | 0.059 |
| Pb | 21 | 1489.843 | 3.011 | 0.202 |
| Cr | 24 | 0.957 | 0.007 | 0.625 |
| Zn | 26 | 86.154 | 0.309 | 0.357 |

Identity 1: 993a Identity 2: 1:25 PM August 24, 1993

Task name: 4PCINT

Sample weight: 1.0000 Solution Volume: 1.00

On-Peak Integrations: 3 Off-Peak Integrations: 1

| Analyte | Channel | Corrected | Counts | |
|---------|---------|-----------|----------|----------|
| Ba | 1 | 12.008 | 11.990 | 11.977 |
| Kg | 2 | 16.819 | 16.756 | 16.803 |
| V | 5 | 0.329 | 0.339 | 0.344 |
| Na | 4 | 2.816 | 2.813 | 2.616 |
| Al | 6 | 21.347 | 21.294 | 21.286 |
| Sb | 9 | -0.087 | -0.134 | -0.070 |
| Be | 10 | 0.176 | 0.185 | 0.182 |
| Ca | 11 | 124.955 | 124.895 | 124.847 |
| Co | 13 | 5.129 | 5.119 | 5.120 |
| Ag | 14 | 0.055 | 0.052 | 0.057 |
| Pb | 15 | 2.742 | 2.732 | 2.728 |
| Cd | 16 | 0.349 | 0.367 | 0.384 |
| Ce | 17 | 0.277 | 0.239 | 0.233 |
| Ni | 18 | 0.504 | 0.501 | 0.518 |
| K | 19 | 0.496 | 0.498 | 0.499 |
| Mn | 20 | 81.890 | 81.811 | 81.802 |
| Pb | 21 | 1489.312 | 1489.978 | 1486.336 |
| Cr | 24 | 0.956 | 0.951 | 0.964 |
| Zn | 26 | 86.903 | 86.059 | 86.499 |

Identity 1: 993a Identity 2: 1:28 PM August 24, 1993

Task name: 4PCINT

Sample weight: 1.0000 Solution Volume: 1.00

On-Peak Integrations: 3 Off-Peak Integrations: 1

| | Ba (ppm) | Kg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|--------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.906 | 22.249 | 0.065 | 1.645 | 44.391 | 0.008 | 0.002 | 41.371 |
| S.D. | 0.001 | 0.044 | 0.002 | 0.303 | 0.069 | 0.014 | 0.000 | 0.018 |
| 1 S.D. | 0.130 | 0.196 | 2.667 | 0.154 | 0.156 | 179.332 | 5.728 | 0.043 |

| | Ce (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|--------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.858 | -0.000 | 1.759 | -0.047 | 0.038 | 0.254 | 3.519 | 2.581 |
| S.D. | 0.001 | 0.001 | 0.005 | 0.003 | 0.004 | 0.004 | 0.010 | 0.002 |
| 1 S.D. | 0.169 | 919.673 | 0.256 | 4.413 | 11.435 | 1.529 | 0.275 | 0.059 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|------|-------------|-------------|-------------|
| Mean | 0.001 | 0.218 | 3.126 |

| | | | |
|----------|-------|-------|-------|
| S.D. | 0.389 | 0.001 | 0.012 |
| % R.S.D. | 0.202 | 0.666 | 0.363 |

On-Peak Counts Output 1:31 PM August 24, 1993
 Test name : 4PDIAT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses | | |
|---------|---------|--------------------|---------|---------|
| Ca | 1 | 4.242 | 4.266 | 4.237 |
| Mg | 2 | 5.962 | 6.000 | 5.950 |
| V | 5 | 2.641 | 2.621 | 2.635 |
| Na | 6 | 3.369 | 3.364 | 3.400 |
| Al | 8 | 6.038 | 6.080 | 6.021 |
| Si | 9 | 2.383 | 2.331 | 2.385 |
| Fe | 10 | 1.419 | 1.426 | 1.429 |
| Co | 11 | 28.657 | 28.917 | 28.561 |
| Cu | 13 | 3.425 | 3.425 | 3.413 |
| Ag | 14 | 2.246 | 2.236 | 2.248 |
| Pt | 15 | 2.504 | 2.504 | 2.574 |
| Zn | 16 | 1.390 | 1.392 | 1.389 |
| Cd | 17 | 1.756 | 1.738 | 1.755 |
| Ni | 18 | 1.549 | 1.550 | 1.542 |
| K | 19 | 1.733 | 1.730 | 1.733 |
| Mn | 20 | 18.410 | 18.736 | 18.464 |
| Pb | 21 | 310.673 | 313.795 | 309.066 |
| Cr | 24 | 2.155 | 2.151 | 2.158 |
| Zr | 28 | 15.395 | 15.545 | 15.330 |

Background Counts Output 1:31 PM August 24, 1993
 Test name : 4PDIAT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses | |
|---------|---------|-----------------------|--|
| Ca | 1 B02 | 1.742 | |
| Mg | 2 B02 | 2.499 | |
| V | 5 B02 | 2.561 | |
| Na | 6 B01 | 1.215 | |
| Al | 8 B01 | 1.584 | |
| Si | 9 B01 | 2.349 | |
| Si | 9 B02 | 2.685 | |
| Fe | 10 B01 | 1.301 | |
| Co | 11 B02 | 3.049 | |
| Cu | 13 B01 | 2.308 | |
| Ag | 14 B01 | 2.198 | |
| Pt | 15 B01 | 1.949 | |
| Zn | 16 B01 | 1.936 | |
| Cd | 17 B01 | 1.805 | |

| | | |
|----|--------|-------|
| Ca | 19 B01 | 1.731 |
| Ni | 18 B01 | 1.758 |

| | | |
|----|--------|-------|
| K | 19 BB1 | 1.675 |
| Mn | 20 BB1 | 1.540 |
| Fe | 21 BB1 | 2.092 |
| Cr | 24 BB2 | 1.933 |
| Zn | 28 BB2 | 1.536 |

Corrected Counts Statistics 1:31 PM August 24, 1993
 Task name : 49DINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ba | 1 | 2.506 | 0.016 |
| Mg | 2 | 3.476 | 0.025 |
| V | 5 | 0.071 | 0.010 |
| Na | 6 | 2.169 | 0.018 |
| Al | 8 | 4.462 | 0.030 |
| Sb | 9 | -0.156 | 0.031 |
| Se | 10 | 0.124 | 0.005 |
| Ca | 11 | 25.663 | 0.164 |
| Cu | 13 | 1.113 | 0.007 |
| Ag | 14 | 0.045 | 0.006 |
| Pb | 15 | 0.574 | 0.040 |
| DC | 16 | 0.385 | 0.002 |
| Co | 17 | 0.019 | 0.010 |
| Ni | 18 | 0.156 | 0.014 |
| K | 19 | 0.057 | 0.002 |
| Mn | 20 | 16.997 | 0.175 |
| Fe | 21 | 309.093 | 2.396 |
| Cr | 24 | 0.202 | 0.004 |
| Zn | 28 | 17.645 | 0.110 |

Identity 1: 99061 Identity 2: 1:31 PM August 24, 1993
 Task name : 49DINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | | |
|-----------------|------------------|--------|--------|--------|
| Ba | 1 | 2.500 | 2.524 | 2.495 |
| Mg | 2 | 3.483 | 3.501 | 3.451 |
| V | 5 | 0.080 | 0.060 | 0.074 |
| Na | 6 | 2.174 | 2.149 | 2.165 |
| Al | 8 | 4.454 | 4.496 | 4.437 |
| Sb | 9 | -0.146 | -0.192 | -0.138 |
| Se | 10 | 0.118 | 0.125 | 0.128 |
| Ca | 11 | 25.608 | 25.868 | 25.512 |
| Cu | 13 | 1.117 | 1.117 | 1.105 |
| Ag | 14 | 0.048 | 0.038 | 0.050 |
| Pb | 15 | 0.550 | 0.550 | 0.520 |
| DC | 16 | 0.035 | 0.027 | 0.034 |
| Co | 17 | 0.025 | 0.007 | 0.024 |
| Ni | 18 | 0.171 | 0.152 | 0.144 |

Identity: 99261, Identity 2: 1:32 PM August 24, 1993

Sample Weight: 1.0000 Solution Volume: 1.00
Peak Name: 49CINT
Off-Peak Integrations: 1

| Element | Mean | S.D. | Z | Mean | S.D. | Z |
|---------|--------|-------|--------|--------|-------|--------|
| Ba | 0.188 | 0.001 | 0.631 | 0.188 | 0.001 | 0.631 |
| Mg | 4.551 | 0.034 | 0.740 | 4.551 | 0.034 | 0.740 |
| V | 0.012 | 0.002 | 18.840 | 0.012 | 0.002 | 18.840 |
| Na | 0.702 | 0.027 | 3.839 | 0.702 | 0.027 | 3.839 |
| Al | 9.112 | 0.064 | 0.698 | 9.112 | 0.064 | 0.698 |
| Sb | -0.017 | 0.013 | 75.358 | -0.017 | 0.013 | 75.358 |
| Be | 0.000 | 0.000 | 22.642 | 0.000 | 0.000 | 22.642 |
| Ca | 8.423 | 0.661 | 0.726 | 8.423 | 0.661 | 0.726 |
| Sc | 0.535 | 0.006 | 1.033 | 0.535 | 0.006 | 1.033 |
| Mn | 0.728 | 0.011 | 1.508 | 0.728 | 0.011 | 1.508 |
| K | 0.060 | 0.006 | 9.813 | 0.060 | 0.006 | 9.813 |
| Ni | -0.004 | 0.002 | 45.287 | -0.004 | 0.002 | 45.287 |
| Co | -0.008 | 0.003 | 0.616 | -0.008 | 0.003 | 0.616 |
| Cd | 0.372 | 0.004 | 0.664 | 0.372 | 0.004 | 0.664 |
| Pb | 0.006 | 0.001 | 66.921 | 0.006 | 0.001 | 66.921 |
| Ag | 0.004 | 0.001 | 1.753 | 0.004 | 0.001 | 1.753 |
| Ct | 0.045 | 0.004 | 0.613 | 0.045 | 0.004 | 0.613 |
| Fe | 19.551 | 0.305 | 0.775 | 19.551 | 0.305 | 0.775 |
| Zn | 17.819 | 0.202 | 17.965 | 17.819 | 0.202 | 17.965 |

Off-Peak Counts: 1:34 PM August 24, 1993

Peak Name: 49CINT
Sample Weight: 1.0000 Solution Volume: 1.00
Off-Peak Integrations: 1

Off-Peak Channel: On Peak Kcps/sec

| Peak | Area | Height | Width | Area | Height | Width |
|------|---------|---------|---------|---------|---------|---------|
| 1 | 10.482 | 10.482 | 10.482 | 10.482 | 10.482 | 10.482 |
| 2 | 13.977 | 13.977 | 13.977 | 13.977 | 13.977 | 13.977 |
| 3 | 2.874 | 2.874 | 2.874 | 2.874 | 2.874 | 2.874 |
| 4 | 3.874 | 3.874 | 3.874 | 3.874 | 3.874 | 3.874 |
| 5 | 16.170 | 16.170 | 16.170 | 16.170 | 16.170 | 16.170 |
| 6 | 2.601 | 2.601 | 2.601 | 2.601 | 2.601 | 2.601 |
| 7 | 1.443 | 1.443 | 1.443 | 1.443 | 1.443 | 1.443 |
| 8 | 111.526 | 111.526 | 111.526 | 111.526 | 111.526 | 111.526 |
| 9 | 8.359 | 8.359 | 8.359 | 8.359 | 8.359 | 8.359 |
| 10 | 2.258 | 2.258 | 2.258 | 2.258 | 2.258 | 2.258 |
| 11 | 4.631 | 4.631 | 4.631 | 4.631 | 4.631 | 4.631 |
| 12 | 1.724 | 1.724 | 1.724 | 1.724 | 1.724 | 1.724 |
| 13 | 1.978 | 1.978 | 1.978 | 1.978 | 1.978 | 1.978 |
| 14 | 2.062 | 2.062 | 2.062 | 2.062 | 2.062 | 2.062 |
| 15 | 1.951 | 1.951 | 1.951 | 1.951 | 1.951 | 1.951 |

| Peak | Mean | S.D. | ZR.S.D. |
|------|---------|-------|---------|
| 1 | 8.708 | 0.027 | 0.306 |
| 2 | 11.299 | 0.030 | 0.266 |
| 3 | 0.276 | 0.003 | 1.166 |
| 4 | 2.651 | 0.008 | 0.285 |
| 5 | 14.469 | 0.043 | 0.294 |
| 6 | -0.142 | 0.037 | 26.026 |
| 7 | 0.141 | 0.009 | 6.018 |
| 8 | 108.213 | 0.261 | 0.241 |
| 9 | 6.000 | 0.018 | 0.242 |
| 10 | 0.059 | 0.002 | 2.936 |
| 11 | 2.556 | 0.033 | 1.292 |
| 12 | 0.296 | 0.012 | 2.546 |
| 13 | 0.150 | 0.008 | 18.756 |

Corrected Counts Statistics
 1:35 PM August 24, 1993
 Peak name: 4POINT
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1
 Analyte Channel Mean Kpulses S.D. Kpulses ZR.S.D. Kpulses

| Peak | Mean | S.D. | ZR.S.D. |
|------|-------|------|---------|
| 1 | 1.746 | | |
| 2 | 2.634 | | |
| 3 | 2.596 | | |
| 4 | 1.215 | | |
| 5 | 1.652 | | |
| 6 | 2.496 | | |
| 7 | 2.903 | | |
| 8 | 1.308 | | |
| 9 | 3.369 | | |
| 10 | 2.373 | | |
| 11 | 2.198 | | |
| 12 | 2.079 | | |
| 13 | 2.039 | | |
| 14 | 1.338 | | |
| 15 | 1.781 | | |
| 16 | 1.493 | | |
| 17 | 1.665 | | |
| 18 | 1.716 | | |
| 19 | 2.625 | | |
| 20 | 2.001 | | |
| 21 | 1.683 | | |

Background Counts Output
 1:34 PM August 24, 1993
 Peak name: 4POINT
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1
 Analyte Channel Background Kpulses

| | | | |
|----|-------|--------|--------|
| 24 | 2.858 | 91.466 | 91.216 |
| 28 | 2.866 | 91.759 | 91.216 |

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
| Mn | 20 | 63.888 |
| Fe | 21 | 1425.262 |
| Cr | 24 | 0.863 |
| Zn | 28 | 89.797 |

Identity: 9937 Identity 2: 1:35 PM August 24, 1993
 Test name: 49021
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
| Ba | 1 | 8.736 |
| Mg | 2 | 11.333 |
| V | 5 | 0.272 |
| Na | 6 | 2.659 |
| Al | 8 | 14.518 |
| Si | 9 | -0.180 |
| Be | 10 | 0.138 |
| Ca | 11 | 108.497 |
| Cu | 13 | 6.015 |
| Hg | 14 | 0.057 |
| Pb | 15 | 2.592 |
| Bi | 16 | 0.405 |
| Co | 17 | 0.195 |
| Ni | 18 | 0.547 |
| K | 19 | 0.286 |
| Mn | 20 | 64.138 |
| Cr | 24 | 0.865 |
| Zn | 28 | 90.076 |

Identity: 9937 Identity 2: 1:35 PM August 24, 1993
 Test name: 49021
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| Mean | St.D. | X St.D. | Mean | St.D. | X St.D. |
|----------|---------|---------|----------|--------|---------|
| Ba (ppm) | 0.657 | 0.208 | Ba (ppm) | 0.002 | 0.006 |
| Mg (ppm) | 14.947 | 0.040 | Mg (ppm) | 1.054 | 0.003 |
| V (ppm) | 0.051 | 0.001 | V (ppm) | 0.002 | 0.001 |
| Na (ppm) | 1.405 | 0.011 | Na (ppm) | 1.643 | 0.022 |
| Al (ppm) | 30.067 | 0.089 | Al (ppm) | -0.040 | 0.001 |
| Si (ppm) | 140.418 | 0.016 | Si (ppm) | 20.415 | 0.005 |
| Ca (ppm) | -0.011 | 0.016 | Ca (ppm) | 0.235 | 0.007 |
| Co (ppm) | 0.297 | 0.016 | Co (ppm) | 2.172 | 0.006 |
| Ni (ppm) | 140.418 | 0.016 | Ni (ppm) | 0.292 | 0.007 |
| K (ppm) | 21.098 | 0.000 | K (ppm) | 2.012 | 0.007 |
| Mn (ppm) | 35.831 | 0.087 | Mn (ppm) | 0.342 | 0.007 |

Identity: 9937 Identity 2: 1:35 PM August 24, 1993
 Test name: 49021
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

1:38 PM August 24, 1993

Peak name : 4POINT
Sample weight : 1.0000 Solution Volume : 1.00
On-peak integrations : 3 Off-peak integrations : 1

Analyte Channel On Peak Kpulses

| | | | | |
|----|----|-----------------------------------|---------|---------|
| BA | 1 | 14.613 | 14.681 | 14.570 |
| BB | 2 | 26.745 | 26.705 | 26.668 |
| BC | 5 | 2.990 | 2.995 | 2.975 |
| BD | 6 | 3.978 | 3.977 | 3.983 |
| BE | 8 | 19.225 | 19.185 | 19.179 |
| BF | 9 | 2.719 | 2.727 | 2.695 |
| BG | 10 | 1.473 | 1.474 | 1.470 |
| BH | 11 | 202.171 | 202.837 | 202.603 |
| BI | 13 | 9.990 | 9.970 | 9.975 |
| BJ | 14 | 2.277 | 2.284 | 2.280 |
| BK | 15 | 7.621 | 7.574 | 7.575 |
| BL | 16 | 1.978 | 1.978 | 1.956 |
| BM | 17 | 2.105 | 2.071 | 2.065 |
| BN | 18 | 2.946 | 2.974 | 2.963 |
| BO | 19 | 2.117 | 2.114 | 2.113 |
| BP | 20 | 87.012 | 86.668 | 86.497 |
| BQ | 21 | 4200000.0004200000.0004200000.000 | | |
| BR | 24 | 3.862 | 3.878 | 3.871 |
| BS | 26 | 119.135 | 114.760 | 114.651 |

Background Counts Output 1:38 PM August 24, 1993

Peak name : 4POINT
Sample weight : 1.0000 Solution Volume : 1.00
On-peak integrations : 3 Off-peak integrations : 1

Analyte Channel Background Kpulses

| | | |
|----|----|-------|
| BA | 1 | 1.753 |
| BB | 2 | 2.819 |
| BC | 5 | 2.650 |
| BD | 6 | 1.221 |
| BE | 8 | 1.679 |
| BF | 9 | 2.613 |
| BG | 9 | 2.972 |
| BH | 10 | 1.342 |
| BI | 11 | 3.732 |
| BJ | 13 | 2.561 |
| BK | 14 | 2.213 |
| BL | 15 | 2.207 |
| BM | 16 | 2.075 |
| BN | 16 | 1.419 |
| BO | 17 | 1.645 |
| BP | 18 | 1.585 |
| BQ | 19 | 1.674 |
| BR | 20 | 1.631 |

15 0.448 0.448 0.448
 16 0.448 0.448 0.448

1 12.828 12.828 12.817
 2 23.899 23.889 23.852
 3 0.340 0.345 0.325
 4 2.757 2.756 2.762
 5 17.546 17.506 17.500
 6 -0.080 -0.072 -0.104
 7 0.131 0.132 0.128
 8 199.439 199.105 198.871
 9 7.429 7.409 7.414
 10 0.064 0.071 0.067
 11 5.480 5.433 5.434
 12 0.559 0.559 0.537
 13 0.226 0.226 0.220
 14 1.361 1.389 1.378

 Analyte Channel Corrected Counts

Identity 1: 9928 Identity 2: 1:38 PM August 24, 1993
 Peak name: 4P01N1
 Sample weight: 1.0000 Solution Volume: 1.00
 Off-Peak Integrations: 3 Off-Peak Integrations: 1

1 12.835 0.022 0.174
 2 23.890 0.025 0.161
 3 0.337 0.010 3.092
 4 2.758 0.003 0.117
 5 17.517 0.025 0.143
 6 -0.083 0.017 19.587
 7 0.130 0.002 1.597
 8 199.138 0.285 0.143
 9 7.417 0.010 0.140
 10 0.067 0.004 5.216
 11 5.449 0.027 0.493
 12 0.552 0.013 2.302
 13 0.225 0.022 9.166
 14 1.376 0.014 1.035
 15 0.441 0.002 0.472
 16 54.962 0.268 0.313
 17 479998.506 0.000 0.000
 18 1.790 0.008 0.448
 19 113.056 0.256 0.227

 Analyte Channel Mean Kpulses S.D. Kpulses XR.S.D. Kpulses

Corrected Counts Statistics 1:38 PM August 24, 1993
 Peak name: 4P01N1
 Sample weight: 1.0000 Solution Volume: 1.00
 Off-Peak Integrations: 3 Off-Peak Integrations: 1

21 R61 3.494
 24 R62 2.060
 28 R62 1.784

| | | | | | |
|----|----|-----------------------------------|---------|---------|---------|
| Fe | 21 | 4199996.5064199996.5064199996.506 | 1.782 | 1.798 | 112.867 |
| Cr | 24 | | 1.782 | 1.798 | 112.867 |
| Zn | 28 | | 112.865 | 112.876 | 112.867 |

Identity: 9938 Identity 2: 11:38 PM August 24, 1993

Peak Name: 491INT
 Sample Weight: 1.0000 Solution Volume: 1.00
 Off-Peak Integrations: 2 Off-Peak Integrations: 1

| Peak | Height | Area | Height | Area | Height | Area | Height | Area |
|----------|------------|--------|----------|----------|--------|--------|--------|---------|
| Peak | 0.970 | 31.684 | 0.002 | -24.975 | 1.562 | 36.451 | 0.013 | 0.013 |
| S.D. | 0.002 | 0.031 | 0.002 | 0.005 | 0.005 | 0.052 | 0.007 | 0.000 |
| 1 R.S.D. | 0.175 | 0.162 | 0.009 | 0.301 | 0.144 | 54.056 | 7.097 | 0.144 |
| Peak | 1.306 | 0.007 | -156.285 | -279.295 | 0.036 | 0.582 | 3.158 | -39.757 |
| S.D. | 0.002 | 0.002 | 0.018 | 0.002 | 0.004 | 0.006 | 0.013 | 0.008 |
| 1 R.S.D. | 0.142 | 28.338 | 0.011 | 0.001 | 11.101 | 1.036 | 0.417 | 0.021 |
| Peak | 542027.716 | 0.409 | -79.989 | 0.010 | 0.013 | 0.013 | 0.013 | 0.013 |
| S.D. | 0.000 | 0.002 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 |
| 1 R.S.D. | 0.000 | 0.448 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 |

Off-Peak Counts Output
 1:41 PM August 24, 1993

Peak Name: 491INT
 Sample Weight: 1.0000 Solution Volume: 1.00
 Off-Peak Integrations: 3 Off-Peak Integrations: 1

Off-Peak Integrations: 3 Off-Peak Integrations: 1

| | | | | |
|----|-----------------------------------|----------|----------|----------|
| 21 | 4199996.5064199996.5064199996.506 | 11.328 | 11.366 | 11.455 |
| 2 | | 32.560 | 32.724 | 32.915 |
| 5 | | 2.972 | 2.974 | 2.977 |
| 6 | | 4.116 | 4.101 | 4.101 |
| 8 | | 17.310 | 17.361 | 17.474 |
| 9 | | 2.891 | 2.868 | 2.826 |
| 10 | | 1.471 | 1.467 | 1.475 |
| 11 | | 267.320 | 268.611 | 291.046 |
| 13 | | 7.274 | 7.296 | 7.329 |
| 14 | | 2.256 | 2.254 | 2.253 |
| 15 | | 4.604 | 4.620 | 4.635 |
| 16 | | 1.836 | 1.803 | 1.819 |
| 17 | | 2.007 | 2.007 | 2.032 |
| 18 | | 2.312 | 2.273 | 2.311 |
| 19 | | 2.105 | 2.117 | 2.111 |
| 20 | | 68.629 | 69.179 | 90.004 |
| 21 | | 1881.405 | 1870.372 | 1887.634 |

24 3.361 3.359 3.376
 25 11.423 11.423 11.427

| Peak | Area | Height | Width | Integration |
|------|---------|--------|-------|-------------|
| 1 | 9.638 | 0.065 | 0.677 | 0.594 |
| 2 | 28.925 | 0.178 | 0.710 | 0.300 |
| 3 | 0.384 | 0.003 | 0.524 | 24.991 |
| 4 | 19.719 | 0.084 | 0.033 | 2.721 |
| 5 | 2.886 | 0.009 | 0.004 | 1.892 |
| 6 | 1.544 | 0.009 | 0.004 | 0.664 |
| 7 | 19.719 | 0.084 | 0.033 | 0.571 |
| 8 | 2.547 | 0.016 | 0.002 | 3.370 |
| 9 | 4.849 | 0.028 | 0.002 | 0.609 |
| 10 | 284.957 | 1.892 | 0.004 | 3.480 |
| 11 | 0.147 | 0.004 | 0.017 | 2.948 |
| 12 | -0.132 | 0.033 | 0.014 | 5.609 |
| 13 | 0.478 | 0.017 | 0.022 | 2.948 |
| 14 | 2.547 | 0.016 | 0.002 | 1.376 |
| 15 | 0.478 | 0.017 | 0.002 | 0.436 |
| 16 | 0.257 | 0.014 | 0.002 | 0.758 |
| 17 | 0.257 | 0.014 | 0.002 | 0.758 |
| 18 | 0.436 | 0.008 | 0.002 | 0.758 |
| 19 | 0.436 | 0.008 | 0.002 | 0.758 |
| 20 | 0.436 | 0.008 | 0.002 | 0.758 |
| 21 | 13.218 | 0.563 | 0.442 | 0.712 |
| 22 | 87.802 | 0.563 | 0.442 | 0.712 |

Corrected Counts Statistics
 Peak Name: 4POINT
 Sample Weight: 1.0000
 Solution Volume: 1.00
 Off-Peak Integrations: 2
 On-Peak Integrations: 1
 1:41 PM August 24, 1993

| Peak | Area | Height | Width | Integration |
|------|-------|--------|-------|-------------|
| 1 | 1.749 | 2.838 | 2.820 | 1.220 |
| 2 | 2.838 | 2.820 | 1.220 | 1.663 |
| 3 | 2.820 | 1.220 | 1.663 | 2.497 |
| 4 | 1.663 | 2.497 | 2.877 | 1.324 |
| 5 | 2.877 | 1.324 | 4.035 | 2.451 |
| 6 | 1.324 | 4.035 | 2.451 | 2.209 |
| 7 | 2.451 | 2.209 | 2.115 | 2.030 |
| 8 | 2.209 | 2.115 | 2.030 | 1.341 |
| 9 | 2.115 | 2.030 | 1.341 | 1.758 |
| 10 | 1.341 | 1.758 | 1.544 | 1.675 |
| 11 | 1.758 | 1.544 | 1.675 | 1.769 |
| 12 | 1.544 | 1.675 | 1.769 | 3.118 |
| 13 | 1.675 | 1.769 | 3.118 | 2.047 |
| 14 | 3.118 | 2.047 | 1.710 | 2.882 |
| 15 | 2.047 | 1.710 | 2.882 | 2.882 |

Background Counts Output
 Peak Name: 4POINT
 Sample Weight: 1.0000
 Solution Volume: 1.00
 Off-Peak Integrations: 3
 On-Peak Integrations: 1
 1:41 PM August 24, 1993

| Element | Concentration (ppm) |
|---------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Be | 9.580 | 9.707 | 9.580 | 9.707 | 9.580 | 9.707 | 9.580 |
| Mg | 29.752 | 29.916 | 29.752 | 29.916 | 29.752 | 29.916 | 29.752 |
| V | 0.352 | 0.354 | 0.352 | 0.354 | 0.352 | 0.354 | 0.352 |
| Ni | 2.881 | 2.881 | 2.881 | 2.881 | 2.881 | 2.881 | 2.881 |
| Co | 15.647 | 15.698 | 15.647 | 15.698 | 15.647 | 15.698 | 15.647 |
| Sr | -0.103 | -0.126 | -0.103 | -0.126 | -0.103 | -0.126 | -0.103 |
| Ba | 0.147 | 0.143 | 0.147 | 0.143 | 0.147 | 0.143 | 0.147 |
| Ca | 283.285 | 284.576 | 283.285 | 284.576 | 283.285 | 284.576 | 283.285 |
| Sc | 4.823 | 4.845 | 4.823 | 4.845 | 4.823 | 4.845 | 4.823 |
| Y | 0.047 | 0.045 | 0.047 | 0.045 | 0.047 | 0.045 | 0.047 |
| Zr | 2.532 | 2.548 | 2.532 | 2.548 | 2.532 | 2.548 | 2.532 |
| Nb | 0.462 | 0.478 | 0.462 | 0.478 | 0.462 | 0.478 | 0.462 |
| Mo | 0.269 | 0.274 | 0.269 | 0.274 | 0.269 | 0.274 | 0.269 |
| Tc | 0.768 | 0.729 | 0.768 | 0.729 | 0.768 | 0.729 | 0.768 |
| Ru | 0.430 | 0.442 | 0.430 | 0.442 | 0.430 | 0.442 | 0.430 |
| Rh | 87.160 | 87.410 | 87.160 | 87.410 | 87.160 | 87.410 | 87.160 |
| Pd | 1858.317 | 1867.284 | 1858.317 | 1867.284 | 1858.317 | 1867.284 | 1858.317 |
| Cd | 1.294 | 1.312 | 1.294 | 1.312 | 1.294 | 1.312 | 1.294 |
| Ag | 82.723 | 82.955 | 82.723 | 82.955 | 82.723 | 82.955 | 82.723 |
| Au | 0.006 | 1.621 | 0.006 | 1.621 | 0.006 | 1.621 | 0.006 |
| Pb | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 |
| Bi | -0.006 | -0.058 | -0.006 | -0.058 | -0.006 | -0.058 | -0.006 |
| Th | 0.001 | 0.003 | 0.001 | 0.003 | 0.001 | 0.003 | 0.001 |
| U | 0.579 | 0.572 | 0.579 | 0.572 | 0.579 | 0.572 | 0.579 |
| Fe | 241.328 | 241.328 | 241.328 | 241.328 | 241.328 | 241.328 | 241.328 |
| Co | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| Zn | 1.336 | 1.334 | 1.336 | 1.334 | 1.336 | 1.334 | 1.336 |

Identity: 9939 Identity Z: 1:45 PM August 24, 1993
 Peak name: 4POINT
 Sample Weight: 1.0000 Solution Volume: 1.00
 Off-Peak Integrations: 3 Off-Peak Integrations: 1

| Element | Concentration (ppm) | Concentration (ppm) | Concentration (ppm) | Concentration (ppm) |
|---------|---------------------|---------------------|---------------------|---------------------|
| Be | 9.580 | 9.707 | 9.580 | 9.707 |
| Mg | 29.752 | 29.916 | 29.752 | 29.916 |
| V | 0.352 | 0.354 | 0.352 | 0.354 |
| Ni | 2.881 | 2.881 | 2.881 | 2.881 |
| Co | 15.647 | 15.698 | 15.647 | 15.698 |
| Sr | -0.103 | -0.126 | -0.103 | -0.126 |
| Ba | 0.147 | 0.143 | 0.147 | 0.143 |
| Ca | 283.285 | 284.576 | 283.285 | 284.576 |
| Sc | 4.823 | 4.845 | 4.823 | 4.845 |
| Y | 0.047 | 0.045 | 0.047 | 0.045 |
| Zr | 2.532 | 2.548 | 2.532 | 2.548 |
| Nb | 0.462 | 0.478 | 0.462 | 0.478 |
| Mo | 0.269 | 0.274 | 0.269 | 0.274 |
| Tc | 0.768 | 0.729 | 0.768 | 0.729 |
| Ru | 0.430 | 0.442 | 0.430 | 0.442 |
| Rh | 87.160 | 87.410 | 87.160 | 87.410 |
| Pd | 1858.317 | 1867.284 | 1858.317 | 1867.284 |
| Cd | 1.294 | 1.312 | 1.294 | 1.312 |
| Ag | 82.723 | 82.955 | 82.723 | 82.955 |

Identity: 9939 Identity Z: 1:45 PM August 24, 1993
 Peak name: 4POINT
 Sample Weight: 1.0000 Solution Volume: 1.00
 Off-Peak Integrations: 3 Off-Peak Integrations: 1

| Element | Concentration (ppm) | Concentration (ppm) |
|---------|---------------------|---------------------|
| Co | 1.334 | 1.332 |
| Zn | 0.520 | 0.526 |

| Sample | Peak | Area | Height |
|--------|--------|-------|--------|
| B6 | 1 B62 | 1.727 | 1.727 |
| A6 | 2 B62 | 2.522 | 2.522 |
| V | 5 B62 | 2.546 | 2.546 |
| N6 | 6 B61 | 1.201 | 1.201 |
| A1 | 8 B61 | 1.603 | 1.603 |
| S6 | 9 B61 | 2.375 | 2.375 |
| S1 | 9 B62 | 2.705 | 2.705 |
| B6 | 10 B61 | 1.301 | 1.301 |
| C6 | 11 B62 | 4.073 | 4.073 |
| C0 | 13 B61 | 2.329 | 2.329 |
| A6 | 14 B61 | 2.180 | 2.180 |
| S6 | 15 B61 | 2.016 | 2.016 |
| S1 | 15 B62 | 1.949 | 1.949 |
| C6 | 16 B62 | 1.285 | 1.285 |
| C0 | 17 B62 | 1.674 | 1.674 |
| N1 | 18 B61 | 1.358 | 1.358 |
| K | 19 B61 | 1.657 | 1.657 |
| M | 20 B61 | 1.661 | 1.661 |

 Analyte Channel Background Kpulses

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : AFQINI
 Background Counts Output 1:47 PM August 24, 1993

| Sample | Peak | Area | Height |
|--------|------|---------|---------|
| B6 | 1 | 5.760 | 5.760 |
| N6 | 2 | 11.362 | 11.362 |
| V | 5 | 2.740 | 2.740 |
| N6 | 6 | 3.638 | 3.638 |
| A1 | 8 | 9.806 | 9.806 |
| S6 | 9 | 2.388 | 2.388 |
| B6 | 10 | 1.427 | 1.427 |
| C6 | 11 | 307.497 | 308.236 |
| C0 | 13 | 3.139 | 3.139 |
| A6 | 14 | 2.222 | 2.222 |
| S6 | 15 | 2.260 | 2.260 |
| S1 | 15 | 2.249 | 2.249 |
| C6 | 16 | 1.431 | 1.431 |
| C0 | 17 | 1.776 | 1.776 |
| N1 | 18 | 1.586 | 1.578 |
| K | 19 | 1.856 | 1.870 |
| M | 20 | 38.916 | 38.500 |
| S6 | 21 | 524.769 | 520.447 |
| C1 | 24 | 2.252 | 2.264 |
| M | 28 | 15.062 | 14.989 |

 Analyte Channel On Peak Kpulses

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : AFQINI
 Background Counts Output 1:47 PM August 24, 1993

Zn 28 862 1.555

Corrected Counts Statistics 1:48 PM August 24, 1993
 Task name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | NR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ba | 1 | 4.021 | 0.014 |
| Mg | 2 | 8.812 | 0.034 |
| V | 5 | 0.197 | 0.004 |
| Na | 6 | 2.439 | 0.002 |
| Al | 8 | 8.229 | 0.023 |
| Sb | 9 | -0.147 | 0.021 |
| Se | 10 | 0.126 | 0.004 |
| Ca | 11 | 302.497 | 1.184 |
| Cu | 13 | 0.823 | 0.012 |
| Ag | 14 | 0.046 | 0.007 |
| Pb | 15 | 0.283 | 0.020 |
| Cd | 16 | 0.136 | 0.026 |
| Co | 17 | 0.116 | 0.013 |
| Ni | 18 | 0.192 | 0.014 |
| K | 19 | 0.201 | 0.002 |
| Mn | 20 | 37.243 | 0.266 |
| Fe | 21 | 520.725 | 2.262 |
| Cr | 24 | 0.291 | 0.007 |
| Zn | 25 | 13.488 | 0.048 |

Identity 1: 8940 Identity 2: 1:48 PM August 24, 1993
 Task name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | | |
|-----------------|------------------|---------|---------|---------|
| Ba | 1 | 4.033 | 4.006 | 4.024 |
| Mg | 2 | 8.840 | 8.774 | 8.822 |
| V | 5 | 0.194 | 0.201 | 0.195 |
| Na | 6 | 2.441 | 2.437 | 2.438 |
| Al | 8 | 8.246 | 8.203 | 8.235 |
| Sb | 9 | -0.160 | -0.158 | -0.123 |
| Se | 10 | 0.129 | 0.126 | 0.122 |
| Ca | 11 | 303.424 | 301.163 | 302.905 |
| Cu | 13 | 0.810 | 0.833 | 0.825 |
| Ag | 14 | 0.042 | 0.054 | 0.041 |
| Pb | 15 | 0.278 | 0.267 | 0.304 |
| Cd | 16 | 0.155 | 0.146 | 0.106 |
| Co | 17 | 0.102 | 0.127 | 0.118 |
| Ni | 18 | 0.188 | 0.180 | 0.208 |
| K | 19 | 0.199 | 0.203 | 0.202 |
| Mn | 20 | 37.355 | 36.939 | 37.434 |

| | | | | |
|----|----|---------|---------|---------|
| Fe | 21 | 522.476 | 518.174 | 521.566 |
| Cr | 24 | 0.283 | 0.297 | 0.292 |

Zn 28 13.507 13.434 13.524

Identity 1: 9950 Identity 2: 1:48 PM August 24, 1993

Task Name: 4POINT
Sample Weight: 1.0000 Solution Volume: 1.00
On-Peak Integrations: 3 Off-Peak Integrations: 1

| Element | Mean (ppm) | St.D. (ppm) | % R.S.D. |
|---------|------------|-------------|----------|
| Be | 0.301 | 0.001 | 0.346 |
| Mg | 11.641 | 0.045 | 0.390 |
| V | 0.039 | 0.001 | 2.205 |
| Na | 1.095 | 0.003 | 0.278 |
| Al | 16.999 | 0.048 | 0.286 |
| Si | -0.013 | 0.009 | 67.432 |
| Fe | 0.001 | 0.000 | 14.239 |
| Ca | 100.337 | 0.001 | 0.392 |
| Cu | 0.134 | 0.005 | 3.734 |
| Hg | -0.005 | 0.011 | 2.205 |
| Pb | 0.171 | 0.004 | 2.346 |
| Co | -0.015 | 0.004 | 23.684 |
| Cd | 0.014 | 0.002 | 16.959 |
| Ni | 0.076 | 0.006 | 8.118 |
| K | 1.642 | 0.013 | 0.803 |
| Mn | 1.176 | 0.008 | 0.716 |

On-Peak Counts Output
1:51 PM August 24, 1993
Task Name: 4POINT
Sample Weight: 1.0000 Solution Volume: 1.00
On-Peak Integrations: 3 Off-Peak Integrations: 1

Analyte Channel On Peak Knives

| Peak | Area | Height | Width |
|------|---------|---------|---------|
| 1 | 2.037 | 2.037 | 2.037 |
| 2 | 3.042 | 3.042 | 3.042 |
| 3 | 2.580 | 2.580 | 2.580 |
| 4 | 3.508 | 3.511 | 3.500 |
| 5 | 3.381 | 3.395 | 3.389 |
| 6 | 2.318 | 2.330 | 2.284 |
| 7 | 1.405 | 1.399 | 1.400 |
| 8 | 5.088 | 5.093 | 5.092 |
| 9 | 2.380 | 2.383 | 2.375 |
| 10 | 2.226 | 2.218 | 2.218 |
| 11 | 1.930 | 1.905 | 1.904 |
| 12 | 1.341 | 1.317 | 1.313 |
| 13 | 1.673 | 1.648 | 1.606 |
| 14 | 1.414 | 1.408 | 1.427 |
| 15 | 1.698 | 1.697 | 1.692 |
| 16 | 4.633 | 4.677 | 4.674 |
| 17 | 107.332 | 107.898 | 108.384 |
| 18 | 2.141 | 2.145 | 2.143 |
| 19 | 1.977 | 2.024 | 1.946 |

| Channel | Mean Kpulses | S.D. Kpulses | % S.D. Kpulses |
|---------|--------------|--------------|----------------|
| 24 | 0.217 | 0.002 | 0.922 |
| 23 | 0.454 | 0.003 | 0.644 |
| 22 | 106.883 | 0.537 | 0.507 |
| 20 | 2.156 | 0.025 | 0.769 |
| 19 | 0.027 | 0.003 | 12.055 |
| 18 | 0.042 | 0.010 | 22.943 |
| 17 | -0.010 | 0.034 | 350.250 |
| 16 | 0.049 | 0.015 | 31.117 |
| 15 | 0.015 | 0.015 | 98.206 |
| 14 | 0.042 | 0.005 | 11.055 |
| 13 | 0.032 | 0.004 | 12.499 |
| 12 | 2.166 | 0.003 | 0.122 |
| 11 | 0.102 | 0.003 | 3.141 |
| 9 | -0.157 | 0.024 | 15.162 |
| 8 | 1.838 | 0.007 | 0.352 |
| 6 | 2.294 | 0.006 | 0.248 |
| 5 | 0.062 | 0.001 | 1.872 |
| 3 | 0.619 | 0.003 | 0.493 |
| 1 | 0.257 | 0.003 | 0.891 |

 Analyte Channel Mean Kpulses S.D. Kpulses % S.D. Kpulses

Corrected Counts Statistics
 1:51 PM August 24, 1993
 Peak Name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 Off-Peak Integrations : 3
 On-Peak Integrations : 1

| Channel | Background Kpulses |
|---------|--------------------|
| 24 | 1.526 |
| 23 | 1.926 |
| 21 | 1.992 |
| 20 | 1.465 |
| 19 | 1.669 |
| 18 | 1.374 |
| 17 | 1.652 |
| 16 | 1.275 |
| 15 | 1.880 |
| 14 | 1.916 |
| 13 | 2.179 |
| 12 | 2.347 |
| 11 | 2.925 |
| 10 | 1.299 |
| 9 | 2.637 |
| 8 | 2.287 |
| 7 | 1.550 |
| 6 | 1.212 |
| 5 | 2.519 |
| 3 | 2.420 |
| 1 | 1.737 |

 Analyte Channel Background Kpulses

Background Counts Output
 1:51 PM August 24, 1993
 Peak Name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 Off-Peak Integrations : 3
 On-Peak Integrations : 1

Identity 1: 9941 Identity 2: 1:51 PM August 24, 1993
 Task name: 45QINT
 Sample weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| Element | Channel | Corrected Counts |
|---------|---------|------------------|
| Ba | 1 | 0.300 |
| Hg | 2 | 0.622 |
| V | 5 | 0.061 |
| Na | 6 | 2.296 |
| Al | 8 | 1.831 |
| Sr | 9 | -0.150 |
| Fe | 10 | 0.106 |
| Cd | 11 | 2.163 |
| Cd | 12 | 0.036 |
| Hg | 14 | 0.047 |
| Pb | 15 | 0.007 |
| Cd | 16 | 0.066 |
| Co | 17 | -0.004 |
| Ni | 18 | 0.050 |
| K | 19 | 0.028 |
| Mn | 20 | 3.212 |
| Fe | 21 | 106.330 |
| Cr | 24 | 0.219 |
| Zn | 26 | 0.449 |

Identity 1: 9941 Identity 2: 1:51 PM August 24, 1993
 Task name: 45QINT
 Sample weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| Element | Channel | Corrected Counts |
|---------|---------|------------------|
| Ba | 1 | 0.300 |
| Hg | 2 | 0.616 |
| V | 5 | 0.061 |
| Na | 6 | 2.288 |
| Al | 8 | 1.839 |
| Sr | 9 | -0.164 |
| Fe | 10 | 0.100 |
| Cd | 11 | 2.167 |
| Cd | 12 | 0.036 |
| Hg | 14 | 0.039 |
| Pb | 15 | 0.006 |
| Cd | 16 | 0.038 |
| Co | 17 | -0.004 |
| Ni | 18 | 0.053 |
| K | 19 | 0.023 |
| Mn | 20 | 3.209 |
| Fe | 21 | 106.402 |
| Cr | 24 | 0.217 |
| Zn | 26 | 0.418 |

| Element | Channel | Corrected Counts |
|---------|---------|------------------|
| Ba | 1 | 0.019 |
| Hg | 2 | 0.751 |
| V | 5 | 0.011 |
| Na | 6 | 0.884 |
| Al | 8 | 3.617 |
| Sr | 9 | -0.018 |
| Fe | 10 | 0.010 |
| Cd | 11 | 0.008 |
| Cd | 12 | 0.008 |
| Hg | 14 | 0.541 |
| Pb | 15 | 2.285 |
| Ni | 18 | 0.939 |
| K | 19 | 0.407 |
| Mn | 20 | 57.444 |
| Fe | 21 | 241.484 |
| Cr | 24 | 0.000 |
| Zn | 26 | 0.141 |

| Element | Channel | Corrected Counts |
|---------|---------|------------------|
| Ba | 1 | 0.019 |
| Hg | 2 | 0.751 |
| V | 5 | 0.011 |
| Na | 6 | 0.884 |
| Al | 8 | 3.617 |
| Sr | 9 | -0.018 |
| Fe | 10 | 0.010 |
| Cd | 11 | 0.008 |
| Cd | 12 | 0.008 |
| Hg | 14 | 0.541 |
| Pb | 15 | 2.285 |
| Ni | 18 | 0.939 |
| K | 19 | 0.407 |
| Mn | 20 | 57.444 |
| Fe | 21 | 241.484 |
| Cr | 24 | 0.000 |
| Zn | 26 | 0.141 |

| Element | Channel | Corrected Counts |
|---------|---------|------------------|
| Ba | 1 | 0.019 |
| Hg | 2 | 0.751 |
| V | 5 | 0.011 |
| Na | 6 | 0.884 |
| Al | 8 | 3.617 |
| Sr | 9 | -0.018 |
| Fe | 10 | 0.010 |
| Cd | 11 | 0.008 |
| Cd | 12 | 0.008 |
| Hg | 14 | 0.541 |
| Pb | 15 | 2.285 |
| Ni | 18 | 0.939 |
| K | 19 | 0.407 |
| Mn | 20 | 57.444 |
| Fe | 21 | 241.484 |
| Cr | 24 | 0.000 |
| Zn | 26 | 0.141 |

| Element | Channel | Corrected Counts |
|---------|---------|------------------|
| Ba | 1 | 0.019 |
| Hg | 2 | 0.751 |
| V | 5 | 0.011 |
| Na | 6 | 0.884 |
| Al | 8 | 3.617 |
| Sr | 9 | -0.018 |
| Fe | 10 | 0.010 |
| Cd | 11 | 0.008 |
| Cd | 12 | 0.008 |
| Hg | 14 | 0.541 |
| Pb | 15 | 2.285 |
| Ni | 18 | 0.939 |
| K | 19 | 0.407 |
| Mn | 20 | 57.444 |
| Fe | 21 | 241.484 |
| Cr | 24 | 0.000 |
| Zn | 26 | 0.141 |

On-peak Counts Output 1:54 PM August 24, 1993

Task name : 4FCINI

Sample Weight : 1.0000 Solution Volume : 1.00

On-peak Integrations : 3 Off-peak Integrations : 1

Analysis Channel: On Peak Kpulses

| | | | | |
|----|----|--------|--------|-------|
| Be | 1 | 1.847 | 1.849 | 1.851 |
| Hg | 2 | 2.613 | 2.606 | 2.609 |
| V | 5 | 2.555 | 2.549 | 2.552 |
| Na | 6 | 3.205 | 3.205 | 3.202 |
| Al | 8 | 2.047 | 2.042 | 2.036 |
| Si | 9 | 2.294 | 2.307 | 2.310 |
| Be | 10 | 1.402 | 1.396 | 1.397 |
| Ca | 11 | 3.528 | 3.533 | 3.528 |
| Co | 11 | 2.352 | 2.341 | 2.351 |
| Cu | 13 | 2.222 | 2.224 | 2.225 |
| Hg | 14 | 1.920 | 1.930 | 1.928 |
| Fe | 15 | 1.288 | 1.293 | 1.273 |
| Co | 16 | 1.670 | 1.677 | 1.705 |
| Co | 17 | 1.433 | 1.391 | 1.388 |
| Ni | 16 | 2.172 | 2.146 | 1.634 |
| Mn | 20 | 24.024 | 23.674 | 2.139 |
| Fe | 21 | 1.980 | 1.979 | 1.983 |
| Co | 24 | 1.690 | 1.639 | 1.652 |
| Zn | 28 | | | |

Background Counts Output 1:54 PM August 24, 1993

Task name : 4FCINI

Sample Weight : 1.0000 Solution Volume : 1.00

On-peak Integrations : 3 Off-peak Integrations : 1

Analysis Channel: Background Kpulses

| | | | | |
|----|----|-------|-------|-------|
| Be | 1 | 1.732 | 1.732 | 1.732 |
| Hg | 2 | 2.426 | 2.426 | 2.426 |
| V | 5 | 2.528 | 2.528 | 2.528 |
| Na | 6 | 1.213 | 1.213 | 1.213 |
| Al | 6 | 1.539 | 1.539 | 1.539 |
| Si | 9 | 2.244 | 2.244 | 2.244 |
| Be | 9 | 2.612 | 2.612 | 2.612 |
| Be | 10 | 1.289 | 1.289 | 1.289 |
| Ca | 11 | 2.915 | 2.915 | 2.915 |
| Cu | 13 | 2.274 | 2.274 | 2.274 |
| Hg | 14 | 1.923 | 1.923 | 1.923 |
| Fe | 15 | 1.923 | 1.923 | 1.923 |
| Co | 16 | 1.881 | 1.881 | 1.881 |
| Co | 16 | 1.285 | 1.285 | 1.285 |
| Co | 17 | 1.683 | 1.683 | 1.683 |
| Co | 17 | 1.394 | 1.394 | 1.394 |
| Ni | 18 | 1.664 | 1.664 | 1.664 |
| K | 19 | 1.465 | 1.465 | 1.465 |
| Mn | 20 | 1.936 | 1.936 | 1.936 |
| Fe | 21 | 1.921 | 1.921 | 1.921 |
| Co | 24 | 1.921 | 1.921 | 1.921 |
| Zn | 28 | | | |

Corrected Counts Statistics 1:56 PM August 24, 1993

Sample Name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | XR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ba | 0.117 | 0.032 | 1.709 |
| Kg | 0.183 | 0.004 | 1.916 |
| V | 0.024 | 0.003 | 12.500 |
| Na | 2.032 | 0.007 | 0.320 |
| H1 | 0.503 | 0.006 | 1.056 |
| Et | -0.131 | 0.009 | 6.508 |
| Be | 0.109 | 0.003 | 2.940 |
| Ce | 0.618 | 0.005 | 0.809 |
| Ca | 0.074 | 0.006 | 8.220 |
| Ag | 0.051 | 0.002 | 3.015 |
| Fb | 0.024 | 0.005 | 22.048 |
| Cd | -0.010 | 0.010 | 3122.499 |
| Co | 0.001 | 0.019 | 1852.026 |
| Ni | 0.010 | 0.025 | 251.585 |
| K | -0.030 | 0.002 | 5.149 |
| Ka | 0.657 | 0.017 | 2.530 |
| Fe | 21.974 | 0.206 | 0.937 |
| Cr | 0.050 | 0.002 | 2.487 |
| Zn | 0.138 | 0.027 | 19.158 |

Identity 1: 99411 Identity 2: 1:56 PM August 24, 1993

Last Name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

| | | | |
|----|--------|--------|--------|
| Ba | 0.116 | 0.117 | 0.183 |
| Kg | 0.187 | 0.180 | 0.183 |
| V | 0.027 | 0.021 | 0.024 |
| Na | 2.026 | 2.032 | 2.039 |
| H1 | 0.508 | 0.503 | 0.477 |
| Et | -0.140 | -0.127 | -0.124 |
| Be | 0.113 | 0.107 | 0.108 |
| Ce | 0.623 | 0.618 | 0.613 |
| Ca | 0.078 | 0.067 | 0.077 |
| Ag | 0.049 | 0.051 | 0.052 |
| Fb | 0.018 | 0.028 | 0.026 |
| Cd | -0.013 | -0.006 | -0.012 |
| Co | 0.003 | 0.008 | 0.008 |
| Ni | -0.039 | -0.003 | -0.006 |
| K | -0.031 | -0.028 | -0.030 |
| Ka | 0.707 | 0.681 | 0.674 |
| Fe | 21.086 | 22.099 | 21.736 |
| Cr | 0.059 | 0.058 | 0.062 |
| Zn | 0.158 | 0.117 | 0.130 |

Identity 1: 99411 Identity 2: 1:58 PM August 24, 1993

Sample Weight: 1.0000 Solution Volume: 1.00
On-Peak Integrations: 3 Off-Peak Integrations: 1

| Element | Mean (ppm) | S.D. | % R.S.D. |
|---------|------------|-------|----------|
| Be | 0.005 | 0.000 | 2.913 |
| Mg | 0.171 | 0.005 | 2.730 |
| V | 0.502 | 0.001 | 19.893 |
| Na | 0.820 | 0.010 | 1.894 |
| Al | 0.820 | 0.012 | 1.406 |
| Sb | -0.008 | 0.004 | 57.282 |
| Fe | 0.000 | 0.004 | 38.585 |
| Ca | 0.107 | 0.002 | 1.546 |
| Sc | 0.000 | 0.000 | 0.000 |
| Ti | 0.000 | 0.000 | 0.000 |
| V | 0.171 | 0.005 | 2.730 |
| Cr | 0.003 | 0.001 | 19.893 |
| Mn | 0.005 | 0.001 | 19.203 |
| Co | -0.000 | 0.001 | 337.469 |
| Ni | -0.002 | 0.003 | 46.296 |
| Cu | 0.018 | 0.003 | 19.203 |
| Zn | 0.013 | 0.001 | 18.848 |
| Fe | 2.830 | 0.027 | 0.939 |
| Cr | 0.013 | 0.000 | 3.569 |
| Zn | 0.005 | 0.001 | 18.848 |

On-Peak Counts Output 2:01 PM August 24, 1993
Peak name: 4P01N1
Sample Weight: 1.0000 Solution Volume: 1.00
On-Peak Integrations: 3 Off-Peak Integrations: 1

Analyte Channel On Peak Kpulses

| Peak | Area | Height | Width | Integration |
|------|---------|---------|---------|-------------|
| 1 | 67.607 | 67.719 | 4.349 | 4.349 |
| 2 | 40.254 | 40.317 | 4.151 | 4.151 |
| 3 | 24.677 | 24.724 | 37.221 | 37.221 |
| 4 | 4.151 | 4.159 | 17.024 | 17.024 |
| 5 | 17.036 | 17.024 | 82.424 | 82.424 |
| 6 | 82.316 | 82.518 | 175.352 | 175.352 |
| 7 | 30.394 | 30.470 | 4.349 | 4.349 |
| 8 | 4.349 | 4.354 | 9.387 | 9.387 |
| 9 | 9.406 | 9.387 | 19.209 | 19.209 |
| 10 | 28.425 | 28.568 | 12.974 | 12.974 |
| 11 | 12.954 | 13.010 | 9.552 | 9.552 |
| 12 | 157.758 | 157.943 | 41.056 | 41.056 |
| 13 | 40.994 | 41.056 | 23.572 | 23.572 |
| 14 | 129.524 | 129.447 | 129.209 | 129.209 |

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

| Peak | Area | Height |
|------|-------|--------|
| Ba | 1.764 | 1.802 |
| Kg | 2.706 | 2.802 |
| Y | 2.558 | 2.602 |
| Na | 1.236 | 1.302 |
| Al | 1.625 | 1.702 |
| Si | 2.494 | 2.602 |
| SB | 8.413 | 8.602 |
| Be | 2.188 | 2.302 |
| Ca | 3.591 | 3.702 |
| Co | 2.257 | 2.402 |
| Ag | 2.196 | 2.302 |
| Pb | 1.985 | 2.102 |
| Fe | 1.565 | 1.702 |
| Bi | 1.422 | 1.502 |
| Ge | 1.715 | 1.802 |
| Mn | 1.440 | 1.602 |
| K | 1.668 | 1.802 |
| Mg | 1.843 | 1.902 |
| Se | 1.959 | 2.102 |
| De | 1.967 | 2.102 |
| Te | 1.595 | 1.702 |

Corrected Counts Statistics

2:01 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses XR,S.D. Kpulses

| Peak | Area | Height | S.D. | XR |
|------|---------|--------|-------|-------|
| Ba | 65.893 | 0.057 | 0.057 | 0.087 |
| Kg | 37.580 | 0.032 | 0.032 | 0.085 |
| Y | 22.151 | 0.028 | 0.028 | 0.127 |
| Na | 35.588 | 0.017 | 0.017 | 0.048 |
| Al | 2.532 | 0.006 | 0.006 | 0.225 |
| Si | 11.473 | 0.006 | 0.006 | 0.054 |
| SB | 80.231 | 0.101 | 0.101 | 0.126 |
| Ca | 172.155 | 0.363 | 0.363 | 0.211 |
| Co | 26.172 | 0.036 | 0.036 | 0.136 |
| Ag | 2.154 | 0.004 | 0.004 | 0.168 |
| Fe | 7.395 | 0.047 | 0.047 | 0.642 |
| Bi | 17.839 | 0.057 | 0.057 | 0.320 |
| Ge | 26.818 | 0.096 | 0.096 | 0.357 |
| Mn | 11.539 | 0.028 | 0.028 | 0.246 |
| K | 7.875 | 0.008 | 0.008 | 0.106 |
| Mg | 155.939 | 0.150 | 0.150 | 0.096 |
| Se | 39.057 | 0.035 | 0.035 | 0.089 |
| De | 21.526 | 0.055 | 0.055 | 0.257 |
| Te | 127.465 | 0.479 | 0.479 | 0.376 |

| Element | Mean (ppm) | S.D. | R.S.D. |
|---------|------------|-------|--------|
| Fe | 4.994 | 0.004 | 0.087 |
| Hg | 49.881 | 0.042 | 0.085 |
| V | 4.947 | 0.006 | 0.127 |
| Na | 50.091 | 0.025 | 0.050 |
| Al | 5.071 | 0.012 | 0.235 |
| Sb | 4.967 | 0.003 | 0.054 |
| Be | 1.961 | 0.002 | 0.126 |
| Ce | 57.061 | 0.121 | 0.211 |
| Co | 17.900 | 0.000 | 0.000 |
| Cd | 17.787 | 0.000 | 0.000 |
| Ca | 172.228 | 0.000 | 0.000 |
| Cu | 28.137 | 0.000 | 0.000 |
| Hg | 2.158 | 0.000 | 0.000 |
| Fe | 7.431 | 0.000 | 0.000 |
| Ni | 11.534 | 0.000 | 0.000 |
| Co | 26.710 | 0.000 | 0.000 |
| Cr | 21.475 | 0.000 | 0.000 |
| Fe | 39.035 | 0.000 | 0.000 |
| Mn | 155.915 | 0.000 | 0.000 |
| Zn | 4.919 | 0.013 | 0.257 |
| Mean | 5.034 | 0.004 | 0.089 |

Identity 1: ccrp2 Identity 2:
 Sample Weight: 1.0000 Solution Volume: 1.00
 Off-Peak Integrations: 1
 Last Name: 4F01N1

| Element | Mean (ppm) | S.D. | R.S.D. |
|---------|------------|-------|--------|
| Fe | 4.994 | 0.004 | 0.087 |
| Hg | 49.881 | 0.042 | 0.085 |
| V | 4.947 | 0.006 | 0.127 |
| Na | 50.091 | 0.025 | 0.050 |
| Al | 5.071 | 0.012 | 0.235 |
| Sb | 4.967 | 0.003 | 0.054 |
| Be | 1.961 | 0.002 | 0.126 |
| Ce | 57.061 | 0.121 | 0.211 |
| Co | 17.900 | 0.000 | 0.000 |
| Cd | 17.787 | 0.000 | 0.000 |
| Ca | 172.228 | 0.000 | 0.000 |
| Cu | 28.137 | 0.000 | 0.000 |
| Hg | 2.158 | 0.000 | 0.000 |
| Fe | 7.431 | 0.000 | 0.000 |
| Ni | 11.534 | 0.000 | 0.000 |
| Co | 26.710 | 0.000 | 0.000 |
| Cr | 21.475 | 0.000 | 0.000 |
| Fe | 39.035 | 0.000 | 0.000 |
| Mn | 155.915 | 0.000 | 0.000 |
| Zn | 4.919 | 0.013 | 0.257 |
| Mean | 5.034 | 0.004 | 0.089 |

Identity 1: ccrp2 Identity 2:
 Sample Weight: 1.0000 Solution Volume: 1.00
 Off-Peak Integrations: 3
 Last Name: 4F01N1

| | | |
|----|-------|--------|
| 28 | 1.437 | 28 B02 |
| 27 | 1.923 | 27 B02 |
| 26 | 1.929 | 26 B01 |
| 25 | 1.440 | 25 B01 |
| 24 | 1.658 | 24 B01 |
| 23 | 1.372 | 23 B01 |
| 22 | 1.662 | 22 B02 |
| 21 | 1.272 | 21 B02 |
| 20 | 1.941 | 20 B02 |
| 19 | 1.920 | 19 B01 |
| 18 | 1.920 | 18 B01 |
| 17 | 2.173 | 17 B01 |
| 16 | 2.248 | 16 B01 |
| 15 | 2.921 | 15 B02 |
| 14 | 2.921 | 14 B02 |
| 13 | 1.292 | 13 B01 |
| 12 | 2.537 | 12 B02 |
| 11 | 2.272 | 11 B01 |
| 10 | 1.535 | 10 B01 |
| 9 | 1.197 | 9 B01 |
| 8 | 2.519 | 8 B02 |
| 7 | 2.422 | 7 B02 |
| 6 | 1.731 | 6 B02 |

 Analyte Channel Background Kpulses

 Background Counts Output 2:04 PM August 24, 1993
 Peak name : 4POINT
 Sample Height : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | | | |
|----|-------|----|-------|
| 28 | 1.587 | 28 | 1.587 |
| 27 | 1.936 | 27 | 1.936 |
| 26 | 2.112 | 26 | 2.096 |
| 25 | 1.564 | 25 | 1.523 |
| 24 | 1.604 | 24 | 1.599 |
| 23 | 1.394 | 23 | 1.360 |
| 22 | 1.686 | 22 | 1.658 |
| 21 | 1.270 | 21 | 1.269 |
| 20 | 1.892 | 20 | 1.901 |
| 19 | 2.224 | 19 | 2.215 |
| 18 | 2.333 | 18 | 2.318 |
| 17 | 3.067 | 17 | 3.033 |
| 16 | 1.444 | 16 | 1.423 |
| 15 | 2.336 | 15 | 2.349 |
| 14 | 1.651 | 14 | 1.640 |
| 13 | 2.892 | 13 | 2.879 |
| 12 | 2.545 | 12 | 2.532 |
| 11 | 2.500 | 11 | 2.490 |
| 10 | 1.817 | 10 | 1.806 |

 Analyte Channel On Peak Kpulses

 Sample Height : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Corrected Counts Statistics
 2:04 PM August 24, 1993
 Task name : 4POINT
 Sample weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Analyte Channel Mean Kpulses S.D. Kpulses Xr.S.D. Kpulses

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | Xr.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ba | 1 | 0.083 | 0.007 | 0.434 |
| Hg | 2 | 0.078 | 0.006 | 8.110 |
| V | 3 | 0.024 | 0.011 | 43.556 |
| Na | 6 | 1.692 | 0.005 | 0.525 |
| Al | 8 | 0.111 | 0.006 | 3.107 |
| Sb | 9 | -0.090 | 0.024 | 26.325 |
| Be | 10 | 0.139 | 0.011 | 8.003 |
| Ca | 11 | 0.130 | 0.017 | 13.145 |
| Cu | 13 | 0.081 | 0.010 | 11.906 |
| Hg | 14 | 0.048 | 0.006 | 11.395 |
| Pb | 15 | -0.031 | 0.007 | 23.010 |
| Co | 16 | 0.009 | 0.020 | 221.387 |
| Co | 17 | 0.013 | 0.015 | 116.386 |
| Ni | 18 | 0.008 | 0.018 | 215.444 |
| K | 19 | -0.056 | 0.004 | 6.556 |
| Mn | 20 | 0.099 | 0.022 | 22.443 |
| Fe | 21 | 0.179 | 0.011 | 6.117 |
| Cr | 24 | 0.017 | 0.005 | 29.605 |
| Zn | 28 | 0.095 | 0.009 | 9.746 |

Identity 1: ccb2 Identity 2:
 2:05 PM August 24, 1993
 Task name : 4POINT
 Sample weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
| Ba | 1 | 0.086 |
| Hg | 2 | 0.079 |
| V | 3 | 0.034 |
| Na | 6 | 1.699 |
| Al | 8 | 0.113 |
| Sb | 9 | -0.116 |
| Be | 10 | 0.135 |
| Ca | 11 | 0.132 |
| Cu | 13 | 0.088 |
| Hg | 14 | 0.052 |
| Pb | 15 | -0.024 |
| Co | 16 | -0.002 |
| Co | 17 | 0.024 |
| Ni | 18 | 0.022 |
| K | 19 | -0.054 |
| Mn | 20 | 0.124 |
| Fe | 21 | 0.183 |
| Cr | 24 | 0.013 |
| Zn | 28 | 0.103 |

Identity 1: ccb2 Identity 2: 2:05 PM August 24, 1993

Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Element | Mean (ppm) | S.D. | N R.S.D. |
|---------|------------|-------|----------|
| Ba | 0.003 | 0.001 | 20.193 |
| Mg | 0.027 | 0.006 | 29.927 |
| V | 0.004 | 0.002 | 69.255 |
| Na | 0.005 | 0.013 | 274.475 |
| Al | 0.001 | 0.012 | 1211.517 |
| Sb | 0.011 | 0.010 | 92.090 |
| Fe | 0.001 | 0.000 | 29.090 |
| Ca | -0.055 | 0.006 | 10.389 |
| Ba | 0.002 | 0.002 | 90.517 |
| Cu | -0.004 | 0.003 | 83.360 |
| Hg | -0.017 | 0.005 | 27.280 |
| Pb | 0.002 | 0.003 | 117.627 |
| Co | -0.005 | 0.003 | 52.024 |
| Cr | -0.003 | 0.008 | 299.149 |
| Ni | 0.019 | 0.023 | 120.485 |
| Mn | 0.002 | 0.001 | 44.618 |

On-Peak Counts Output

Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Counts

| Peak | Area | Height | Width | Integration |
|------|---------|---------|---------|-------------|
| 1 | 2.098 | 2.100 | 2.094 | 2.094 |
| 2 | 3.995 | 3.984 | 3.979 | 3.979 |
| 3 | 2.624 | 2.620 | 2.620 | 2.620 |
| 4 | 3.491 | 3.491 | 3.503 | 3.503 |
| 5 | 4.444 | 4.444 | 4.438 | 4.438 |
| 6 | 2.348 | 2.348 | 2.359 | 2.359 |
| 7 | 1.422 | 1.427 | 1.426 | 1.426 |
| 8 | 10.662 | 10.668 | 10.646 | 10.646 |
| 9 | 2.671 | 2.671 | 2.672 | 2.672 |
| 10 | 2.350 | 2.350 | 2.350 | 2.350 |
| 11 | 2.006 | 2.006 | 2.006 | 2.006 |
| 12 | 1.704 | 1.704 | 1.704 | 1.704 |
| 13 | 1.737 | 1.737 | 1.734 | 1.734 |
| 14 | 1.421 | 1.449 | 1.417 | 1.417 |
| 15 | 1.697 | 1.693 | 1.696 | 1.696 |
| 16 | 7.105 | 7.098 | 7.022 | 7.022 |
| 17 | 3.627 | 3.626 | 3.612 | 3.612 |
| 18 | 120.506 | 120.537 | 120.201 | 120.201 |
| 19 | 2.140 | 2.174 | 2.195 | 2.195 |

Background Counts Output

Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00

| Sample | Area | Height | Width | Mean | S.D. | Channel |
|--------|---------|--------|-------|------|------|---------|
| 28 | 0.634 | 0.028 | | | | |
| 24 | 1.686 | 0.008 | | | | |
| 21 | 118.434 | 0.186 | | | | |
| 20 | 5.587 | 0.046 | | | | |
| 19 | 0.026 | 0.002 | | | | |
| 18 | 0.040 | 0.017 | | | | |
| 17 | 0.015 | 0.038 | | | | |
| 16 | 0.437 | 0.015 | | | | |
| 15 | 0.088 | 0.024 | | | | |
| 14 | 0.171 | 0.001 | | | | |
| 13 | 0.231 | 0.003 | | | | |
| 11 | 7.718 | 0.021 | | | | |
| 10 | 0.105 | 0.003 | | | | |
| 9 | -0.146 | 0.007 | | | | |
| 8 | 2.591 | 0.008 | | | | |
| 6 | 2.288 | 0.006 | | | | |
| 5 | 0.097 | 0.002 | | | | |
| 2 | 1.534 | 0.008 | | | | |
| 1 | 0.363 | 0.003 | | | | |

Corrected Sample Statistics
 2:08 PM August 24, 1993
 Peak Name: 4POINT
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1
 Analyte Channel: Mean Kpulses S.D. Kpulses X.R.S.D. Kpulses

| Sample | Area | Height | Width | Mean | S.D. | Channel |
|--------|-------|--------|-------|------|------|---------|
| 28 | 1.536 | | | | | |
| 24 | 1.936 | | | | | |
| 21 | 1.981 | | | | | |
| 20 | 1.488 | | | | | |
| 19 | 1.669 | | | | | |
| 18 | 1.389 | | | | | |
| 17 | 1.686 | | | | | |
| 16 | 1.282 | | | | | |
| 15 | 1.923 | | | | | |
| 14 | 1.964 | | | | | |
| 14 | 2.178 | | | | | |
| 13 | 2.439 | | | | | |
| 11 | 2.947 | | | | | |
| 10 | 1.320 | | | | | |
| 9 | 2.673 | | | | | |
| 9 | 2.320 | | | | | |
| 8 | 1.554 | | | | | |
| 8 | 1.209 | | | | | |
| 5 | 2.524 | | | | | |
| 2 | 2.452 | | | | | |
| 1 | 1.734 | | | | | |

On-Peak Integrations: 3 Off-Peak Integrations: 1
 Analyte Channel: Background Kpulses

| Peak | Retention Time (min) | Area |
|------|----------------------|-------|
| 28 | 1.740 | 1.802 |
| 27 | 2.458 | 2.582 |
| 26 | 2.546 | 2.546 |
| 25 | 1.213 | 1.213 |
| 24 | 1.547 | 1.547 |
| 23 | 2.313 | 2.313 |
| 22 | 2.609 | 2.609 |
| 21 | 1.298 | 1.298 |
| 20 | 2.950 | 2.950 |
| 19 | 2.270 | 2.270 |
| 18 | 2.187 | 2.187 |
| 17 | 1.958 | 1.958 |
| 16 | 1.904 | 1.904 |
| 15 | 1.319 | 1.319 |
| 14 | 1.687 | 1.687 |
| 13 | 1.381 | 1.381 |
| 12 | 1.666 | 1.666 |
| 11 | 1.448 | 1.448 |
| 10 | 1.917 | 1.917 |
| 9 | 1.948 | 1.948 |
| 8 | 2.802 | 2.802 |
| 7 | 1.519 | 1.519 |

Background Counts Output
 2:12 PM August 24, 1993
 File Name: 470017
 Sample Weight: 1.0000 Solution Volume: 1.00
 In-Peak Integrations: 3 Off-Peak Integrations: 1
 Analyte Channel: Background Kpulses

| Peak | Retention Time (min) | Area | On Peak Kpulses |
|------|----------------------|-------|-----------------|
| 28 | 1.793 | 1.793 | 1.793 |
| 27 | 2.487 | 2.487 | 2.487 |
| 26 | 2.583 | 2.583 | 2.583 |
| 25 | 2.684 | 2.684 | 2.684 |
| 24 | 1.653 | 1.653 | 1.653 |
| 23 | 2.307 | 2.307 | 2.307 |
| 22 | 1.405 | 1.405 | 1.405 |
| 21 | 2.978 | 2.978 | 2.978 |
| 20 | 2.328 | 2.328 | 2.328 |
| 19 | 2.238 | 2.238 | 2.238 |
| 18 | 1.924 | 1.924 | 1.924 |
| 17 | 1.300 | 1.300 | 1.300 |
| 16 | 1.705 | 1.705 | 1.705 |
| 15 | 1.691 | 1.691 | 1.691 |
| 14 | 1.363 | 1.363 | 1.363 |
| 13 | 1.609 | 1.609 | 1.609 |
| 12 | 1.462 | 1.462 | 1.462 |
| 11 | 2.071 | 2.071 | 2.071 |
| 10 | 1.948 | 1.948 | 1.948 |
| 9 | 1.581 | 1.581 | 1.581 |
| 8 | 2.041 | 2.041 | 2.041 |
| 7 | 1.948 | 1.948 | 1.948 |
| 6 | 1.543 | 1.543 | 1.543 |

| Analyte Channel | Corrected Counts |
|-----------------|------------------|
| Ba | 0.055 |
| Mg | 0.029 |
| V | 0.007 |
| Na | 1.671 |
| Al | 0.112 |
| Si | -0.121 |
| Fe | 0.107 |
| Ca | 0.038 |
| Cu | 0.055 |
| Ag | 0.051 |
| Pb | -0.006 |
| Co | -0.029 |
| Zn | -0.018 |
| Ni | -0.009 |
| K | -0.057 |
| Mn | -0.066 |
| Mo | 0.034 |
| Fe | 0.110 |
| Zr | -0.014 |
| Br | 0.042 |
| In | 0.024 |

Identity: 9951 Job-Title: Z1
 Date: 2012 PM August 24, 1993
 Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | XR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ba | 0.051 | 0.005 | 9.206 |
| Mg | 0.025 | 0.010 | 29.692 |
| V | 0.005 | 0.003 | 52.915 |
| Na | 1.660 | 0.013 | 0.753 |
| Al | 0.106 | 0.007 | 4.252 |
| Si | -0.113 | 0.044 | 26.796 |
| Fe | 0.107 | 0.001 | 0.538 |
| Ca | 0.030 | 0.005 | 17.638 |
| Cu | 0.062 | 0.005 | 6.074 |
| Ag | 0.048 | 0.005 | 9.556 |
| Pb | -0.011 | 0.019 | 180.952 |
| Co | -0.027 | 0.007 | 25.526 |
| Zn | 0.004 | 0.014 | 311.610 |
| Ni | -0.001 | 0.021 | 3078.951 |
| K | -0.063 | 0.005 | 8.248 |
| Mn | 0.031 | 0.015 | 48.331 |
| Mo | 0.022 | 0.015 | 17.381 |
| Fe | 0.129 | 0.022 | 141.973 |
| Zr | -0.005 | 0.008 | 44.552 |

Sample Weight: 1.0000 Solution Volume: 1.00
 On-Peak Integrations: 3 Off-Peak Integrations: 1

Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

| Element | Mean (ppm) | S.D. (ppm) | % R.S.D. |
|----------|------------|------------|----------|
| Be | 0.000 | 0.000 | 0.000 |
| Mg | -0.026 | 0.014 | 52.821 |
| V | -0.001 | 0.001 | 79.314 |
| Na | -0.042 | 0.018 | 43.520 |
| Al | -0.009 | 0.014 | 146.562 |
| Si | -0.020 | 0.019 | 92.919 |
| Fe | 0.000 | 0.000 | 0.000 |
| Ca | -0.058 | 0.000 | 0.000 |
| Mean | 0.000 | 0.000 | 0.000 |
| S.D. | 0.000 | 0.000 | 0.000 |
| % R.S.D. | 0.000 | 0.000 | 0.000 |
| Cu | -0.001 | 0.001 | 47.249 |
| Ag | -0.004 | 0.003 | 69.908 |
| Pb | -0.004 | 0.013 | 334.994 |
| Co | -0.007 | 0.001 | 36.412 |
| Ni | -0.006 | 0.009 | 136.828 |
| K | -0.032 | 0.033 | 103.788 |
| Mn | -0.001 | 0.000 | 89.624 |
| Mean | 0.010 | 0.002 | 38.389 |
| S.D. | 0.003 | 0.001 | 113.578 |
| % R.S.D. | 0.000 | 0.000 | 27.869 |

On-Peak Counts Output
2:15 PM August 24, 1993
Test Name : AQCIN1
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel: On Peak Kpulses

| Peak | Area | Height | Width | Integration |
|------|---------|---------|---------|-------------|
| 1 | 19.113 | 19.106 | 19.077 | 19.077 |
| 2 | 11.828 | 11.805 | 11.798 | 11.798 |
| 3 | 5.500 | 5.471 | 5.481 | 5.481 |
| 4 | 4.876 | 4.861 | 4.870 | 4.870 |
| 5 | 15.726 | 15.721 | 15.690 | 15.690 |
| 6 | 3.089 | 3.053 | 3.042 | 3.042 |
| 7 | 20.615 | 20.611 | 20.563 | 20.563 |
| 8 | 43.118 | 43.122 | 43.029 | 43.029 |
| 9 | 3.454 | 3.454 | 3.453 | 3.453 |
| 10 | 4.646 | 4.645 | 4.642 | 4.642 |
| 11 | 2.882 | 2.854 | 2.847 | 2.847 |
| 12 | 4.774 | 4.817 | 4.770 | 4.770 |
| 13 | 2.384 | 2.454 | 2.471 | 2.471 |
| 14 | 3.572 | 3.561 | 3.537 | 3.537 |
| 15 | 3.882 | 3.880 | 3.880 | 3.880 |
| 16 | 29.402 | 29.534 | 29.398 | 29.398 |
| 17 | 376.652 | 376.355 | 375.660 | 375.660 |
| 18 | 3.330 | 3.326 | 3.325 | 3.325 |
| 19 | 36.291 | 36.466 | 36.219 | 36.219 |

Background Counts Output
2:15 PM August 24, 1993
Test Name : AQCIN1
Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

| | | |
|----|----|-------|
| Ba | 1 | 1.754 |
| Mg | 2 | 2.533 |
| V | 5 | 2.569 |
| Na | 6 | 1.219 |
| Al | 8 | 1.644 |
| Sb | 9 | 2.452 |
| Sb | 9 | 3.465 |
| Be | 10 | 1.659 |
| Ca | 11 | 3.112 |
| Cu | 13 | 3.163 |
| Ag | 14 | 2.201 |
| Pb | 15 | 2.115 |
| Pb | 15 | 2.026 |
| Cd | 16 | 1.332 |
| Co | 17 | 1.725 |
| Ni | 18 | 1.398 |
| K | 19 | 1.675 |
| Mn | 20 | 1.568 |
| Fe | 21 | 2.188 |
| Cr | 24 | 1.974 |
| Zn | 28 | 1.593 |

Corrected Counts Statistics 2:15 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses XR.S.D. Kpulses

| | | | | |
|----|----|---------|-------|--------|
| Ba | 1 | 17.345 | 0.019 | 0.110 |
| Mg | 2 | 9.276 | 0.014 | 0.151 |
| V | 5 | 2.915 | 0.015 | 0.505 |
| Na | 6 | 3.657 | 0.006 | 0.151 |
| Al | 8 | 14.068 | 0.020 | 0.139 |
| Sb | 9 | -0.063 | 0.025 | 29.512 |
| Sb | 9 | 18.937 | 0.029 | 0.153 |
| Ca | 11 | 39.978 | 0.053 | 0.132 |
| Cu | 13 | 0.294 | 0.006 | 2.069 |
| Ag | 14 | 2.443 | 0.002 | 0.085 |
| Pb | 15 | 0.792 | 0.019 | 2.340 |
| Cd | 16 | 3.455 | 0.026 | 0.754 |
| Co | 17 | 0.711 | 0.046 | 6.482 |
| Ni | 18 | 2.159 | 0.018 | 0.829 |
| K | 19 | 2.209 | 0.005 | 0.214 |
| Mn | 20 | 27.877 | 0.077 | 0.278 |
| Fe | 21 | 374.034 | 0.509 | 0.136 |
| Cr | 24 | 1.353 | 0.003 | 0.196 |
| Zn | 28 | 34.732 | 0.127 | 0.366 |

Identity : 9552 ID=1114 Z1 2:16 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
| Be | 1 | 17.359 |
| Ks | 2 | 9.292 |
| V | 5 | 2.931 |
| Nb | 6 | 3.637 |
| Bi | 8 | 14.082 |
| Bo | 9 | 0.111 |
| Be | 10 | 18.952 |
| Ca | 11 | 40.006 |
| Co | 12 | 0.301 |
| Ag | 14 | 2.444 |
| Pb | 15 | 0.813 |
| Ca | 16 | 3.442 |
| Co | 17 | 0.659 |
| Ni | 18 | 2.174 |
| K | 19 | 2.214 |
| Ni | 20 | 27.834 |
| Pb | 21 | 374.167 |
| Co | 24 | 1.352 |
| Zn | 28 | 34.698 |

Identity 1: 9952 Identity 2: 2:16 PM August 24, 1993

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Element | Concentration (ppm) | Area (ppm) | Height (ppm) | Weight (ppm) | Volume (ppm) |
|---------|---------------------|------------|--------------|--------------|--------------|
| Be | 17.359 | 17.352 | 0.647 | 2.874 | 29.228 |
| V | 2.931 | 0.647 | 0.008 | 0.041 | 0.140 |
| Na | 0.290 | 2.874 | 0.008 | 0.041 | 0.140 |
| Al | 0.290 | 2.874 | 0.008 | 0.041 | 0.140 |
| Si | 0.290 | 2.874 | 0.008 | 0.041 | 0.140 |
| B | 0.290 | 2.874 | 0.008 | 0.041 | 0.140 |
| Ca | 0.290 | 2.874 | 0.008 | 0.041 | 0.140 |
| Ag | 2.444 | 0.647 | 0.008 | 0.041 | 0.140 |
| Pb | 0.813 | 0.647 | 0.008 | 0.041 | 0.140 |
| Co | 3.442 | 0.647 | 0.008 | 0.041 | 0.140 |
| Ni | 2.174 | 0.647 | 0.008 | 0.041 | 0.140 |
| K | 2.214 | 0.647 | 0.008 | 0.041 | 0.140 |
| Ni | 27.834 | 0.647 | 0.008 | 0.041 | 0.140 |
| Pb | 374.167 | 0.647 | 0.008 | 0.041 | 0.140 |
| Co | 1.352 | 0.647 | 0.008 | 0.041 | 0.140 |
| Zn | 34.698 | 0.647 | 0.008 | 0.041 | 0.140 |

On-Peak Counts Output 2:19 PM August 24, 1993

Peak Name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Element | Concentration (ppm) | Area (ppm) | Height (ppm) | Weight (ppm) | Volume (ppm) |
|---------|---------------------|------------|--------------|--------------|--------------|
| Be | 17.359 | 17.352 | 0.647 | 2.874 | 29.228 |
| V | 2.931 | 0.647 | 0.008 | 0.041 | 0.140 |
| Na | 0.290 | 2.874 | 0.008 | 0.041 | 0.140 |
| Al | 0.290 | 2.874 | 0.008 | 0.041 | 0.140 |
| Si | 0.290 | 2.874 | 0.008 | 0.041 | 0.140 |
| B | 0.290 | 2.874 | 0.008 | 0.041 | 0.140 |
| Ca | 0.290 | 2.874 | 0.008 | 0.041 | 0.140 |
| Ag | 2.444 | 0.647 | 0.008 | 0.041 | 0.140 |
| Pb | 0.813 | 0.647 | 0.008 | 0.041 | 0.140 |
| Co | 3.442 | 0.647 | 0.008 | 0.041 | 0.140 |
| Ni | 2.174 | 0.647 | 0.008 | 0.041 | 0.140 |
| K | 2.214 | 0.647 | 0.008 | 0.041 | 0.140 |
| Ni | 27.834 | 0.647 | 0.008 | 0.041 | 0.140 |
| Pb | 374.167 | 0.647 | 0.008 | 0.041 | 0.140 |
| Co | 1.352 | 0.647 | 0.008 | 0.041 | 0.140 |
| Zn | 34.698 | 0.647 | 0.008 | 0.041 | 0.140 |

| | | | | |
|----|----|---------|---------|---------|
| Ba | 1 | 6.712 | 6.693 | 6.669 |
| Mg | 2 | 19.424 | 19.340 | 19.266 |
| V | 5 | 2.895 | 2.800 | 2.821 |
| Na | 6 | 3.898 | 3.891 | 3.898 |
| Al | 8 | 14.670 | 14.594 | 14.554 |
| SB | 9 | 2.403 | 2.490 | 2.471 |
| Be | 10 | 1.475 | 1.481 | 1.479 |
| Ca | 11 | 310.196 | 311.176 | 310.765 |
| Co | 13 | 5.854 | 5.832 | 5.827 |
| Ag | 14 | 2.254 | 2.255 | 2.261 |
| Pb | 15 | 2.807 | 2.806 | 2.850 |
| Cd | 16 | 1.376 | 1.385 | 1.394 |
| Ce | 17 | 1.775 | 1.813 | 1.798 |
| Ni | 18 | 1.557 | 1.597 | 1.571 |
| K | 19 | 2.119 | 2.116 | 2.119 |
| Mn | 20 | 27.554 | 27.480 | 27.391 |
| Fe | 21 | 378.315 | 376.647 | 375.870 |
| Cr | 24 | 2.250 | 2.248 | 2.254 |
| Zn | 28 | 18.552 | 18.461 | 18.447 |

Background Counts Output 2:19 PM August 24, 1993

Task name : AFDJKT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | | |
|----|--------|-------|--|
| Ba | 1 B02 | 1.741 | |
| Mg | 2 B02 | 2.601 | |
| V | 5 B02 | 2.530 | |
| Na | 6 B01 | 1.208 | |
| Al | 8 B01 | 1.638 | |
| SB | 9 B01 | 2.363 | |
| Co | 9 B02 | 2.769 | |
| Be | 10 B01 | 1.326 | |
| Ca | 11 B02 | 4.127 | |
| Co | 13 B01 | 2.479 | |
| Ag | 14 B01 | 2.184 | |
| Pb | 15 B01 | 2.061 | |
| Pb | 16 B02 | 1.939 | |
| Cd | 16 B01 | 1.711 | |
| Ce | 17 B02 | 1.701 | |
| Ni | 18 B01 | 1.443 | |
| K | 19 B01 | 1.667 | |
| Mn | 20 B01 | 1.558 | |
| Fe | 21 B01 | 2.155 | |
| Cr | 24 B01 | 1.980 | |
| Zn | 28 B02 | 1.581 | |

Corrected Counts Statistics 2:19 PM August 24, 1993

Task name : AFDJKT

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|--------|
| Ba | 4 | 4.947 | 0.000 | 0.443 |
| Mg | 2 | 16.750 | 3.365 | 0.416 |
| V | 5 | 0.245 | 0.011 | 4.411 |
| Na | 6 | 2.688 | 0.004 | 0.150 |
| Al | 8 | 12.971 | 0.059 | 0.454 |
| Sr | 9 | -0.116 | 0.048 | 38.658 |
| Be | 10 | 0.152 | 0.003 | 2.008 |
| Ca | 11 | 307.585 | 1.701 | 0.423 |
| Cu | 13 | 3.359 | 0.014 | 0.428 |
| Ag | 14 | 0.073 | 0.004 | 5.210 |
| Pb | 15 | 0.796 | 0.025 | 3.156 |
| Se | 16 | 0.074 | 0.009 | 12.162 |
| Cd | 17 | 0.094 | 0.019 | 20.290 |
| Ni | 18 | 0.135 | 0.016 | 12.036 |
| K | 19 | 0.451 | 0.002 | 0.384 |
| Mn | 20 | 25.917 | 0.082 | 0.315 |
| Fe | 21 | 374.789 | 1.245 | 0.333 |
| Cr | 24 | 0.271 | 0.003 | 1.129 |
| Zn | 26 | 16.906 | 0.057 | 0.337 |

Identity 1: 9943 Identity 2: 2:19 PM August 24, 1993
 Peak name : APCINAT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts |
|-----------------|-------------------------|
| Ba | 4.971 4.942 4.928 |
| Mg | 16.623 16.739 16.687 |
| V | 0.245 0.240 0.241 |
| Na | 2.690 2.683 2.690 |
| Al | 13.035 12.959 12.919 |
| Sr | -0.170 -0.083 -0.102 |
| Be | 0.149 0.155 0.153 |
| Ca | 305.049 307.049 306.638 |
| Cu | 3.375 3.353 3.348 |
| Ag | 0.070 0.071 0.077 |
| Pb | 0.782 0.781 0.825 |
| Se | 0.065 0.074 0.083 |
| Cd | 0.074 0.112 0.097 |
| Ni | 0.124 0.154 0.128 |
| K | 0.452 0.449 0.452 |
| Mn | 25.996 25.922 25.833 |
| Fe | 376.160 374.492 373.715 |
| Cr | 0.270 0.268 0.274 |
| Zn | 16.971 16.880 16.866 |

Identity 1: 9943 Identity 2: 2:19 PM August 24, 1993
 Peak name : APCINAT

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.372 | 22.192 | 0.051 | 1.459 | 28.930 | -0.001 | 0.001 | 102.027 |
| S.D. | 0.002 | 0.091 | 0.002 | 0.006 | 0.123 | 0.020 | 0.000 | 0.432 |
| % R.S.D. | 0.448 | 0.411 | 4.771 | 0.405 | 0.458 | 1827.795 | 5.952 | 0.423 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.555 | 0.010 | 0.517 | -0.014 | 0.010 | 0.052 | 3.223 | 0.817 |
| S.D. | 0.003 | 0.002 | 0.017 | 0.001 | 0.004 | 0.007 | 0.011 | 0.003 |
| % R.S.D. | 0.437 | 21.358 | 3.230 | 9.480 | 35.890 | 13.462 | 0.340 | 0.315 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 48.362 | 0.062 | 0.652 |
| S.D. | 0.161 | 0.001 | 0.002 |
| % R.S.D. | 0.333 | 1.134 | 0.339 |

On-peak Counts Output 2:22 PM August 24, 1993
 Peak name : AFGINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-peak Integrations : 3 Off-peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------------|
| Be | 1 | 2.790 | 2.782 2.787 |
| Mg | 2 | 5.935 | 5.922 5.935 |
| V | 5 | 2.695 | 2.600 2.589 |
| Na | 6 | 3.353 | 3.354 3.341 |
| Al | 8 | 4.266 | 4.302 4.322 |
| Fe | 9 | 2.368 | 2.340 2.349 |
| Be | 10 | 1.421 | 1.415 1.413 |
| Ca | 11 | 65.293 | 65.189 65.623 |
| Co | 13 | 3.043 | 3.046 3.042 |
| Ag | 14 | 2.242 | 2.233 2.226 |
| Pb | 15 | 2.114 | 2.117 2.087 |
| Cd | 16 | 1.319 | 1.303 1.303 |
| Co | 17 | 1.708 | 1.699 1.705 |
| Ni | 18 | 1.437 | 1.431 1.429 |
| K | 19 | 1.716 | 1.722 1.720 |
| Mn | 20 | 6.781 | 6.742 6.771 |
| Fe | 21 | 78.025 | 77.712 78.264 |
| Cr | 24 | 2.001 | 2.003 1.998 |
| Zn | 28 | 4.992 | 5.052 5.049 |

Background Counts Output 2:22 PM August 24, 1993
 Peak name : AFGINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-peak Integrations : 3 Off-peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | | |
|----|----|-----|-------|
| Ba | 1 | 862 | 1.740 |
| Mg | 2 | 862 | 2.468 |
| V | 5 | 862 | 2.536 |
| Na | 6 | 861 | 1.216 |
| Al | 8 | 861 | 1.562 |
| Sb | 9 | 861 | 2.311 |
| Sb | 9 | 862 | 2.639 |
| Be | 10 | 861 | 1.302 |
| Ca | 11 | 862 | 3.178 |
| Co | 13 | 861 | 2.316 |
| Ag | 14 | 861 | 2.189 |
| Pb | 15 | 861 | 2.021 |
| Pt | 15 | 862 | 1.890 |
| Ca | 16 | 862 | 1.307 |
| Co | 17 | 862 | 1.699 |
| Ni | 18 | 861 | 1.379 |
| K | 19 | 861 | 1.670 |
| Mn | 20 | 861 | 1.495 |
| Fe | 21 | 861 | 1.973 |
| Cr | 24 | 862 | 1.939 |
| Zn | 28 | 862 | 1.565 |

Corrected Counts Statistics 2:22 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|---------|
| Be | 1 | 1.046 | 0.004 | 0.386 |
| Mg | 2 | 3.463 | 0.008 | 0.217 |
| V | 5 | 0.060 | 0.009 | 13.642 |
| Na | 6 | 2.133 | 0.007 | 0.339 |
| Al | 8 | 2.745 | 0.013 | 0.466 |
| Sb | 9 | -0.128 | 0.014 | 11.140 |
| Be | 10 | 0.114 | 0.004 | 3.641 |
| Ca | 11 | 62.190 | 0.227 | 0.364 |
| Co | 13 | 0.726 | 0.002 | 0.287 |
| Ag | 14 | 0.045 | 0.008 | 17.957 |
| Pb | 15 | 0.150 | 0.017 | 10.979 |
| Cr | 16 | 0.001 | 0.009 | 692.820 |
| Co | 17 | 0.005 | 0.005 | 91.652 |
| Ni | 18 | 0.053 | 0.004 | 7.806 |
| K | 19 | 0.049 | 0.003 | 6.193 |
| Mn | 20 | 5.270 | 0.020 | 0.384 |
| Fe | 21 | 76.027 | 0.277 | 0.364 |
| Cr | 24 | 0.062 | 0.003 | 4.081 |
| Zn | 28 | 3.466 | 0.034 | 0.975 |

Identity 1: 99431 Identity 2: 2:22 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | | | | |
|----|----|---------|---------|---------|
| Mg | 2 | 14.087 | 14.136 | 14.120 |
| V | 5 | 2.892 | 2.899 | 2.891 |
| Na | 6 | 3.965 | 3.975 | 3.966 |
| Al | 8 | 12.562 | 12.632 | 12.621 |
| Sb | 9 | 2.442 | 2.408 | 2.431 |
| Be | 10 | 1.461 | 1.462 | 1.462 |
| Ca | 11 | 317.460 | 319.376 | 319.015 |
| Cu | 13 | 4.729 | 4.737 | 4.739 |
| Ag | 14 | 2.373 | 2.378 | 2.375 |
| Pb | 15 | 4.577 | 4.726 | 4.783 |
| Ce | 16 | 1.475 | 1.498 | 1.463 |
| Cs | 17 | 1.832 | 1.804 | 1.797 |
| Ni | 18 | 1.747 | 1.750 | 1.760 |
| K | 19 | 2.130 | 2.128 | 2.129 |
| Mn | 20 | 55.851 | 55.932 | 56.303 |
| Fe | 21 | 638.690 | 641.921 | 642.227 |
| Cr | 24 | 2.818 | 2.825 | 2.803 |
| Zn | 28 | 58.363 | 58.355 | 58.585 |

Background Counts Output 2:25 PM August 24, 1993

Task name : 4FDINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kcps/Sec |
|---------|---------|------------|----------|
|---------|---------|------------|----------|

| | | | |
|----|--------|-------|--|
| Es | 1 RG2 | 1.743 | |
| Mg | 2 RG2 | 2.585 | |
| V | 5 RG2 | 2.570 | |
| Na | 6 RG1 | 1.217 | |
| Al | 8 RG1 | 1.630 | |
| Sb | 9 RG1 | 2.440 | |
| Be | 9 RG2 | 2.783 | |
| Be | 10 RG1 | 1.332 | |
| Ca | 11 RG2 | 4.157 | |
| Cu | 13 RG1 | 2.545 | |
| Ag | 14 RG1 | 2.195 | |
| Pb | 15 RG1 | 2.098 | |
| Pb | 15 RG2 | 1.981 | |
| Ce | 16 RG1 | 1.308 | |
| Ce | 17 RG2 | 1.687 | |
| Ni | 18 RG1 | 1.429 | |
| K | 19 RG1 | 1.675 | |
| Mn | 20 RG1 | 1.617 | |
| Fe | 21 RG1 | 2.327 | |
| Cr | 24 RG2 | 1.986 | |
| Zn | 28 RG2 | 1.619 | |

Corrected Counts Statistics 2:25 PM August 24, 1993

Task name : 4FDINT

Sample weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | Kcps/Sec | S.D. | Kcps/Sec | %R.S.D. | Kcps/Sec |
|---------|---------|------|----------|------|----------|---------|----------|
|---------|---------|------|----------|------|----------|---------|----------|

| | | | | |
|----|----|---------|-------|--------|
| Ba | 1 | 8.071 | 0.027 | 0.335 |
| Mg | 2 | 11.529 | 0.025 | 0.217 |
| V | 5 | 0.324 | 0.004 | 1.345 |
| Na | 6 | 2.752 | 0.006 | 0.200 |
| Al | 8 | 10.975 | 0.038 | 0.343 |
| Si | 9 | -0.150 | 0.017 | 9.111 |
| Be | 10 | 0.130 | 0.001 | 0.445 |
| Ca | 11 | 314.440 | 1.018 | 0.324 |
| Co | 13 | 2.190 | 0.005 | 0.242 |
| Ag | 14 | 0.180 | 0.003 | 1.396 |
| Pb | 15 | 2.689 | 0.053 | 1.973 |
| Se | 16 | 0.171 | 0.018 | 10.421 |
| Ge | 17 | 0.124 | 0.019 | 14.936 |
| Ni | 18 | 0.323 | 0.007 | 2.105 |
| K | 19 | 0.454 | 0.001 | 0.220 |
| Mn | 20 | 54.412 | 0.241 | 0.443 |
| Fe | 21 | 638.616 | 1.965 | 0.308 |
| Cr | 24 | 0.829 | 0.011 | 1.355 |
| Zn | 28 | 56.815 | 0.131 | 0.230 |

Identity 1: 9944 Identity 2: 2:26 PM August 24, 1993
 Task name : APCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|---------|---------|
| Ba | 1 | 8.040 | 8.091 | 8.081 |
| Mg | 2 | 11.502 | 11.551 | 11.535 |
| V | 5 | 0.322 | 0.329 | 0.321 |
| Na | 6 | 2.748 | 2.758 | 2.749 |
| Al | 8 | 10.932 | 11.002 | 10.991 |
| Si | 9 | -0.175 | -0.209 | -0.186 |
| Be | 10 | 0.129 | 0.130 | 0.130 |
| Ca | 11 | 313.303 | 315.219 | 314.858 |
| Co | 13 | 2.184 | 2.192 | 2.194 |
| Ag | 14 | 0.178 | 0.183 | 0.180 |
| Pb | 15 | 2.637 | 2.686 | 2.743 |
| Se | 16 | 0.167 | 0.190 | 0.155 |
| Ge | 17 | 0.145 | 0.117 | 0.110 |
| Ni | 18 | 0.318 | 0.321 | 0.331 |
| K | 19 | 0.455 | 0.453 | 0.454 |
| Mn | 20 | 54.234 | 54.315 | 54.686 |
| Fe | 21 | 636.353 | 639.594 | 639.900 |
| Cr | 24 | 0.832 | 0.839 | 0.817 |
| Zn | 28 | 56.744 | 56.736 | 56.966 |

Identity 1: 9944 Identity 2: 2:26 PM August 24, 1993
 Task name : APCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
|----------|-------|--------|-------|-------|--------|--------|-------|---------|
| Mean | 0.609 | 15.253 | 0.067 | 1.552 | 22.750 | -0.032 | 0.001 | 104.309 |
| S.D. | 0.002 | 0.033 | 0.001 | 0.008 | 0.079 | 0.007 | 0.000 | 0.338 |
| % R.S.D. | 0.337 | 0.218 | 1.454 | 0.518 | 0.346 | 23.262 | 2.014 | 0.324 |

| | Cu | Ag | Pb | Cd | Co | Ni | K | Mn |
|----------|-------|-------|-------|--------|--------|-------|-------|-------|
| | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| Mean | 0.377 | 0.074 | 1.762 | -0.018 | 0.015 | 0.132 | 3.242 | 1.719 |
| S.D. | 0.001 | 0.001 | 0.035 | 0.002 | 0.003 | 0.003 | 0.006 | 0.008 |
| % R.S.D. | 0.250 | 2.007 | 1.993 | 17.259 | 22.315 | 2.303 | 0.195 | 0.444 |

| | Fe | Cr | Zn |
|----------|--------|-------|-------|
| | (ppm) | (ppm) | (ppm) |
| Mean | 82.410 | 0.189 | 2.202 |
| S.D. | 0.254 | 0.003 | 0.005 |
| % R.S.D. | 0.308 | 1.357 | 0.230 |

On-Peak Counts Output 2:29 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|--------------------------------|---------|
| Ba | 1 | 6.265 | 6.232 |
| Mg | 2 | 15.506 | 15.384 |
| V | 5 | 2.846 | 2.842 |
| Na | 6 | 4.013 | 4.008 |
| Al | 8 | 8.881 | 8.814 |
| Be | 9 | 2.540 | 2.511 |
| Pb | 10 | 1.435 | 1.444 |
| Ca | 11 | 301.369 | 298.606 |
| Co | 13 | 36.042 | 35.769 |
| Hg | 14 | 2.257 | 2.265 |
| Pb | 15 | 4.325 | 4.299 |
| Cd | 16 | 1.989 | 1.969 |
| Co | 17 | 1.953 | 1.979 |
| Ni | 18 | 2.742 | 2.670 |
| K | 19 | 1.894 | 1.895 |
| Mn | 20 | 75.364 | 74.795 |
| Fe | 21 | 420000.000420000.000420000.000 | |
| Zn | 24 | 2.881 | 2.872 |
| Zn | 28 | 109.471 | 108.668 |

Background Counts Output 2:29 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ba 1.832 1.746
 Mg 1.832 1.731

| | | | |
|----|----|-----|-------|
| V | 5 | 862 | 2.848 |
| Na | 6 | 861 | 1.215 |
| Al | 8 | 861 | 1.824 |
| Sb | 9 | 861 | 2.480 |
| Sb | 9 | 862 | 2.811 |
| Fe | 10 | 861 | 1.332 |
| Ca | 11 | 862 | 4.106 |
| Cu | 13 | 861 | 2.518 |
| Ag | 14 | 861 | 2.217 |
| Pb | 15 | 861 | 2.139 |
| Pb | 15 | 862 | 2.034 |
| Cd | 16 | 862 | 1.373 |
| Cd | 17 | 862 | 1.848 |
| Ni | 18 | 861 | 1.586 |
| K | 19 | 861 | 1.674 |
| Mn | 20 | 861 | 1.758 |
| Fe | 21 | 861 | 3.457 |
| Cr | 24 | 862 | 2.068 |
| Zn | 28 | 862 | 1.743 |

Corrected Counts Statistics 2:29 PM August 24, 1993
 Task name : APCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|--------|
| Sb | 1 | 4.515 | 0.028 | 0.613 |
| Hg | 2 | 12.751 | 0.068 | 0.694 |
| V | 5 | 0.196 | 0.002 | 1.064 |
| Na | 6 | 2.794 | 0.004 | 0.145 |
| Al | 8 | 7.239 | 0.043 | 0.586 |
| Sb | 9 | -0.123 | 0.016 | 12.651 |
| Fe | 10 | 0.109 | 0.004 | 3.831 |
| Ca | 11 | 296.778 | 2.078 | 0.700 |
| Cu | 13 | 33.481 | 0.211 | 0.631 |
| Ag | 14 | 9.044 | 0.004 | 9.091 |
| Pb | 15 | 2.247 | 0.040 | 1.791 |
| Cd | 16 | 0.600 | 0.015 | 2.475 |
| Cd | 17 | 0.108 | 0.022 | 20.546 |
| Ni | 18 | 1.112 | 0.039 | 3.469 |
| K | 19 | 0.221 | 0.001 | 0.262 |
| Mn | 20 | 73.539 | 0.472 | 0.641 |
| Fe | 21 | 4199996.543 | 0.000 | 0.000 |
| Cr | 24 | 0.810 | 0.005 | 0.642 |
| Zn | 28 | 107.542 | 0.548 | 0.510 |

Identity 1: 9940 Identity 2: 2:29 PM August 24, 1993
 Task name : APCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

| | | | | |
|----|----|-----------------------------------|---------|---------|
| Ba | 1 | 4.519 | 4.486 | 4.541 |
| Mg | 2 | 12.775 | 12.653 | 12.825 |
| V | 5 | 0.195 | 0.194 | 0.195 |
| Na | 6 | 2.798 | 2.793 | 2.790 |
| Al | 8 | 7.257 | 7.190 | 7.259 |
| Sb | 9 | -0.111 | -0.140 | -0.116 |
| Be | 10 | 0.104 | 0.112 | 0.110 |
| Ca | 11 | 257.263 | 254.500 | 258.570 |
| Cu | 13 | 33.624 | 33.251 | 33.657 |
| Ag | 14 | 0.040 | 0.048 | 0.044 |
| Pb | 15 | 2.238 | 2.213 | 2.291 |
| Cd | 16 | 0.616 | 0.596 | 0.587 |
| Co | 17 | 0.105 | 0.131 | 0.087 |
| Ni | 18 | 1.156 | 1.084 | 1.096 |
| K | 19 | 0.220 | 0.221 | 0.221 |
| Mn | 20 | 73.606 | 73.037 | 73.973 |
| Fe | 21 | 4199996.5434199996.5434199996.543 | | |
| Cr | 24 | 0.813 | 0.804 | 0.813 |
| Zn | 28 | 107.728 | 106.925 | 107.973 |

Identity 1: 9945 Identity 2: 2:29 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.339 | 16.877 | -25.036 | 1.614 | 14.926 | -0.003 | 0.000 | 98.438 |
| S.D. | 0.002 | 0.118 | 0.000 | 0.006 | 0.089 | 0.007 | 0.000 | 0.690 |
| A.S.D. | 0.620 | 0.697 | 0.002 | 0.366 | 0.597 | 231.057 | 54.320 | 0.701 |
| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
| Mean | 5.941 | -0.006 | -152.408 | -279.289 | 0.012 | 0.469 | 1.765 | -40.119 |
| S.D. | 0.038 | 0.002 | 0.027 | 0.002 | 0.004 | 0.016 | 0.004 | 0.015 |
| A.S.D. | 0.635 | 36.562 | 0.017 | 0.001 | 33.183 | 3.514 | 0.207 | 0.037 |
| | Fe (ppm) | Cr (ppm) | Zn (ppm) | | | | | |
| Mean | 542027.721 | 0.185 | -80.204 | | | | | |
| S.D. | 0.000 | 0.001 | 0.021 | | | | | |
| A.S.D. | 0.000 | 0.643 | 0.027 | | | | | |

On-Peak Counts Output 2:32 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Element | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| Ba | 1 | 6.266 | 8.254 |
| | | 5.221 | |
| Mg | 2 | 15.286 | 15.364 |
| | | 15.218 | |
| V | 5 | 0.216 | 0.618 |
| | | 2.822 | |

| | | | | |
|----|----|---------|---------|---------|
| Na | 6 | 4.054 | 4.054 | 4.050 |
| Al | 6 | 12.034 | 12.021 | 11.965 |
| Si | 9 | 2.445 | 2.459 | 2.486 |
| Sr | 10 | 1.460 | 1.458 | 1.465 |
| Ca | 11 | 264.439 | 264.574 | 263.113 |
| Co | 13 | 20.064 | 20.065 | 19.970 |
| Ag | 14 | 2.268 | 2.274 | 2.268 |
| Pb | 15 | 3.967 | 3.932 | 3.869 |
| Sc | 16 | 1.509 | 1.519 | 1.480 |
| Cd | 17 | 1.619 | 1.632 | 1.633 |
| Ni | 18 | 1.696 | 1.688 | 1.698 |
| K | 19 | 2.084 | 2.082 | 2.082 |
| Mn | 20 | 27.713 | 27.801 | 27.425 |
| Fe | 21 | 620.147 | 620.334 | 616.526 |
| Cr | 24 | 2.464 | 2.459 | 2.469 |
| Zn | 26 | 69.794 | 69.482 | 69.279 |

Background Counts Output 2:32 PM August 24, 1993

Task name : APCINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Fe | 1 BG2 | 1.749 | |
| Ag | 2 BG2 | 2.593 | |
| V | 5 BG2 | 2.561 | |
| Na | 6 BG1 | 1.217 | |
| Al | 6 BG1 | 1.620 | |
| Si | 9 BG1 | 2.397 | |
| Co | 9 BG2 | 2.785 | |
| Sr | 10 BG1 | 1.324 | |
| Ca | 11 BG2 | 3.929 | |
| Co | 13 BG1 | 2.524 | |
| Ag | 14 BG1 | 2.197 | |
| Pb | 15 BG1 | 2.071 | |
| Fe | 15 BG2 | 2.031 | |
| Sc | 16 BG2 | 1.289 | |
| Cd | 17 BG2 | 1.692 | |
| Ni | 18 BG1 | 1.427 | |
| K | 19 BG1 | 1.675 | |
| Mn | 20 BG1 | 1.560 | |
| Fe | 21 BG1 | 2.321 | |
| Cr | 24 BG2 | 1.993 | |
| Zn | 26 BG2 | 1.583 | |

Corrected Counts Statistics 2:32 PM August 24, 1993

Task name : APCINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|---|-------|-------|-------|
| Fe | 1 | 6.478 | 0.023 | 0.359 |
|----|---|-------|-------|-------|

| | | | | |
|----|----|---------|-------|--------|
| Mg | 2 | 12.677 | 0.046 | 0.362 |
| V | 5 | 0.238 | 0.003 | 1.255 |
| Na | 6 | 2.836 | 0.002 | 0.081 |
| Al | 8 | 10.393 | 0.025 | 0.244 |
| Si | 9 | -0.134 | 0.021 | 15.511 |
| Fe | 10 | 0.137 | 0.004 | 2.632 |
| Ca | 11 | 260.113 | 0.807 | 0.310 |
| Cl | 13 | 17.505 | 0.055 | 0.312 |
| Ag | 14 | 0.073 | 0.003 | 4.745 |
| Pb | 15 | 1.872 | 0.051 | 2.700 |
| CS | 16 | 0.214 | 0.020 | 9.461 |
| Co | 17 | 0.136 | 0.008 | 5.743 |
| Ni | 18 | 0.267 | 0.005 | 1.982 |
| K | 19 | 0.408 | 0.001 | 0.283 |
| Mn | 20 | 26.086 | 0.197 | 0.754 |
| Pb | 21 | 616.681 | 2.147 | 0.348 |
| Cr | 24 | 0.471 | 0.005 | 1.062 |
| Zn | 28 | 67.935 | 0.259 | 0.382 |

Identity 1: 9546 Identity 2: 2:32 PM August 24, 1993

Task name : 4PCINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|---------|---------|
| Ba | 1 | 6.517 | 6.505 | 6.472 |
| Mg | 2 | 12.676 | 12.711 | 12.625 |
| V | 5 | 0.235 | 0.237 | 0.241 |
| Na | 6 | 2.837 | 2.837 | 2.633 |
| Al | 8 | 10.414 | 10.401 | 10.365 |
| Si | 9 | -0.153 | -0.159 | -0.112 |
| Fe | 10 | 0.136 | 0.134 | 0.141 |
| Ca | 11 | 260.510 | 260.645 | 259.184 |
| Cl | 13 | 17.540 | 17.541 | 17.446 |
| Ag | 14 | 0.071 | 0.077 | 0.071 |
| Pb | 15 | 1.918 | 1.881 | 1.818 |
| CS | 16 | 0.220 | 0.230 | 0.191 |
| Co | 17 | 0.127 | 0.140 | 0.141 |
| Ni | 18 | 0.269 | 0.261 | 0.271 |
| K | 19 | 0.409 | 0.407 | 0.407 |
| Mn | 20 | 26.153 | 26.241 | 25.665 |
| Pb | 21 | 617.826 | 618.013 | 614.205 |
| Cr | 24 | 0.471 | 0.466 | 0.476 |
| Zn | 28 | 65.211 | 67.899 | 67.696 |

Identity 1: 9546 Identity 2: 2:32 PM August 24, 1993

Task name : 4PCINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba | Mg | V | Na | Al | Si | Fe | Ca |
|-------|-------|--------|-------|-------|--------|--------|-------|--------|
| (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| 1000 | 0.486 | 16.775 | 0.046 | 1.675 | 21.532 | -0.008 | 0.001 | 24.045 |

| | | | | | | | |
|----------|-------|-------|-------|-------|-------|---------|--------|
| S.D. | 0.002 | 0.061 | 0.001 | 0.003 | 0.053 | 0.009 | 0.000 |
| % R.S.D. | 0.361 | 0.364 | 1.460 | 0.201 | 0.247 | 112.497 | 10.016 |

| | Cd (ppm) | As (ppm) | Pb (ppm) | Cs (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 3.101 | 0.011 | 1.221 | -0.011 | 0.017 | 0.108 | 2.849 | 0.820 |
| S.D. | 0.010 | 0.002 | 0.033 | 0.003 | 0.001 | 0.002 | 0.007 | 0.008 |
| % R.S.D. | 0.313 | 15.181 | 2.739 | 24.077 | 6.222 | 2.094 | 0.248 | 0.758 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 79.579 | 0.107 | 2.636 |
| S.D. | 0.277 | 0.001 | 0.010 |
| % R.S.D. | 0.348 | 1.065 | 0.382 |

On-Peak Counts Output 2:35 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| As | 1 | 3.876 | 3.883 |
| As | 2 | 7.708 | 7.731 |
| V | 5 | 2.685 | 2.690 |
| Na | 6 | 3.927 | 3.932 |
| Al | 8 | 5.500 | 5.524 |
| Si | 9 | 2.373 | 2.375 |
| Be | 10 | 1.426 | 1.426 |
| Cs | 11 | 171.065 | 171.691 |
| Cd | 13 | 3.425 | 3.416 |
| Ag | 14 | 2.243 | 2.237 |
| Pb | 15 | 2.966 | 2.952 |
| Ce | 16 | 1.403 | 1.381 |
| Co | 17 | 1.722 | 1.720 |
| Ni | 18 | 1.500 | 1.531 |
| K | 19 | 1.835 | 1.834 |
| Mn | 20 | 18.772 | 18.842 |
| Fe | 21 | 316.976 | 317.555 |
| Cr | 24 | 2.340 | 2.348 |
| Zn | 26 | 21.527 | 21.700 |

Background Counts Output 2:35 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| As | 1 B02 | 1.741 | |
| As | 2 B02 | 2.495 | |
| V | 5 B02 | 2.545 | |
| Na | 6 B01 | 1.210 | |

| | | | |
|----|----|-----|-------|
| Al | 8 | 861 | 1.571 |
| Sb | 9 | 861 | 2.358 |
| Sb | 9 | 862 | 2.725 |
| Fe | 10 | 861 | 1.316 |
| Ca | 11 | 862 | 3.581 |
| Cl | 13 | 861 | 2.403 |
| Ag | 14 | 861 | 2.188 |
| Pt | 15 | 861 | 2.007 |
| Pt | 15 | 862 | 1.964 |
| Co | 16 | 862 | 1.304 |
| Co | 17 | 862 | 1.700 |
| Ni | 18 | 861 | 1.431 |
| K | 19 | 861 | 1.674 |
| Mn | 20 | 861 | 1.531 |
| Fe | 21 | 861 | 2.110 |
| Cr | 24 | 862 | 1.952 |
| Zn | 28 | 862 | 1.526 |

Corrected Counts Statistics 2:35 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | NR.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|--------|
| Be | 1 | 2.139 | 0.004 | 0.169 |
| Mg | 2 | 5.224 | 0.010 | 0.254 |
| V | 5 | 0.141 | 0.003 | 2.274 |
| Ka | 6 | 2.717 | 0.003 | 0.093 |
| Al | 8 | 3.938 | 0.013 | 0.332 |
| Sb | 9 | -0.161 | 0.020 | 12.589 |
| Be | 10 | 0.110 | 0.000 | 0.000 |
| Ca | 11 | 167.917 | 0.306 | 0.224 |
| Cl | 13 | 1.016 | 0.006 | 0.542 |
| Ag | 14 | 0.053 | 0.003 | 6.104 |
| Pt | 15 | 0.987 | 0.024 | 2.420 |
| Co | 16 | 0.085 | 0.012 | 13.981 |
| Co | 17 | 0.029 | 0.014 | 47.905 |
| Ni | 18 | 0.090 | 0.018 | 20.215 |
| K | 19 | 0.160 | 0.001 | 0.625 |
| Mn | 20 | 17.257 | 0.048 | 0.278 |
| Fe | 21 | 315.302 | 0.385 | 0.122 |
| Cr | 24 | 0.391 | 0.004 | 1.064 |
| Zn | 28 | 20.093 | 0.087 | 0.433 |

Identity 1: 9947 Identity 2: 2:36 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

| | | | | |
|----|---|-------|-------|-------|
| Be | 1 | 2.135 | 2.142 | 2.140 |
| Mg | 2 | 5.225 | 5.232 | 5.232 |

| | | | | |
|----|----|---------|---------|---------|
| V | 5 | 0.140 | 0.145 | 0.139 |
| Na | 6 | 2.715 | 2.720 | 2.717 |
| Al | 8 | 3.929 | 3.953 | 3.932 |
| Sb | 9 | -0.173 | -0.171 | -0.137 |
| Be | 10 | 0.110 | 0.110 | 0.110 |
| Ca | 11 | 167.464 | 168.110 | 168.158 |
| Cu | 13 | 1.022 | 1.013 | 1.012 |
| Ag | 14 | 0.055 | 0.049 | 0.054 |
| Pb | 15 | 0.582 | 0.566 | 1.014 |
| Cd | 16 | 0.059 | 0.077 | 0.060 |
| Co | 17 | 0.022 | 0.020 | 0.045 |
| Ni | 18 | 0.069 | 0.100 | 0.101 |
| K | 19 | 0.161 | 0.160 | 0.159 |
| Mn | 20 | 17.241 | 17.311 | 17.219 |
| Fe | 21 | 314.644 | 315.445 | 315.595 |
| Cr | 24 | 0.386 | 0.396 | 0.390 |
| Zn | 26 | 20.001 | 20.174 | 20.104 |

Identity 1: 9947 Identity 2: 2:36 PM August 24, 1993
 Task name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Mean | 0.159 | 6.572 | 0.022 | 1.502 | 2.014 | -0.019 | 0.000 | 55.654 |
| S.D. | 0.000 | 0.018 | 0.001 | 0.004 | 0.027 | 0.009 | 0.000 | 0.125 |
| N.R.S.D. | 0.172 | 0.257 | 2.579 | 0.245 | 0.342 | 45.078 | 0.000 | 0.224 |
| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
| Mean | 0.168 | -0.001 | 0.646 | -0.008 | -0.002 | 0.032 | 1.360 | 0.543 |
| S.D. | 0.001 | 0.002 | 0.016 | 0.002 | 0.003 | 0.008 | 0.006 | 0.002 |
| N.R.S.D. | 0.383 | 141.383 | 2.452 | 19.907 | 115.730 | 24.045 | 0.459 | 0.281 |
| | Fe (ppm) | Cr (ppm) | Zn (ppm) | | | | | |
| Mean | 40.665 | 0.089 | 0.777 | | | | | |
| S.D. | 0.050 | 0.001 | 0.003 | | | | | |
| N.R.S.D. | 0.122 | 1.068 | 0.432 | | | | | |

On-Peak Counts Output 2:36 PM August 24, 1993
 Task name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|-------------|
| Be | 1 | 3.684 | 3.670 3.669 |
| V | 2 | 4.426 | 4.423 4.411 |
| | 3 | 2.691 | 2.696 2.703 |

| | | | |
|----|---|-------|-------------|
| Na | 6 | 3.946 | 3.938 3.936 |
| Al | 8 | 4.601 | 4.587 4.579 |

| | | | | |
|----|----|----------|----------|---------|
| Ba | 9 | 2.434 | 2.417 | 2.398 |
| Be | 10 | 1.439 | 1.432 | 1.437 |
| Ca | 11 | 174.306 | 173.584 | 173.057 |
| Cu | 13 | 16.385 | 16.362 | 16.312 |
| Ag | 14 | 2.244 | 2.244 | 2.244 |
| Pb | 15 | 3.522 | 3.523 | 3.469 |
| Co | 16 | 1.516 | 1.500 | 1.538 |
| Zn | 17 | 1.768 | 1.749 | 1.757 |
| Ni | 18 | 1.525 | 1.537 | 1.558 |
| K | 19 | 1.735 | 1.754 | 1.754 |
| Mn | 20 | 13.341 | 13.358 | 13.232 |
| Fe | 21 | 1008.046 | 1003.270 | 999.464 |
| Cr | 24 | 2.441 | 2.441 | 2.427 |
| Zn | 28 | 39.477 | 39.597 | 39.414 |

Background Counts Output 2:38 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

| | | |
|----|--------|-------|
| Ba | 1 B02 | 1.741 |
| Mg | 2 B02 | 2.519 |
| V | 5 B02 | 2.567 |
| Na | 6 B01 | 1.211 |
| Al | 8 B01 | 1.571 |
| Pb | 9 B01 | 2.375 |
| Co | 9 B02 | 2.656 |
| Ba | 10 B01 | 1.323 |
| Ca | 11 B02 | 3.592 |
| Cu | 13 B01 | 2.464 |
| Ag | 14 B01 | 2.194 |
| Pb | 15 B01 | 1.966 |
| Fe | 15 B02 | 1.976 |
| Co | 16 B02 | 1.324 |
| Ca | 17 B02 | 1.758 |
| Ni | 18 B01 | 1.487 |
| K | 19 B01 | 1.672 |
| Mn | 20 B01 | 1.525 |
| Fe | 21 B01 | 2.621 |
| Cr | 24 B02 | 1.991 |
| Zn | 28 B02 | 1.611 |

Corrected Counts Statistics 2:38 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses NR.S.D. Kpulses

Ba 1 1.933 0.008 0.434

Mg 2 1.901 0.006 0.415

V 5 0.130 0.005 0.349

| | | | | |
|----|----|----------|-------|---------|
| Na | 6 | 2.730 | 0.005 | 0.167 |
| Al | 8 | 3.018 | 0.011 | 0.369 |
| Sb | 9 | -0.104 | 0.018 | 17.315 |
| Be | 10 | 0.113 | 0.004 | 3.191 |
| Ca | 11 | 170.057 | 0.627 | 0.369 |
| Cl | 13 | 13.887 | 0.037 | 0.269 |
| Ag | 14 | 0.053 | 0.000 | 0.000 |
| Pb | 15 | 1.534 | 0.031 | 2.014 |
| Ce | 16 | 0.194 | 0.019 | 9.834 |
| Co | 17 | 0.007 | 0.021 | 308.590 |
| K1 | 18 | 0.056 | 0.020 | 34.353 |
| V | 19 | 0.082 | 0.001 | 0.701 |
| Mn | 20 | 11.765 | 0.068 | 0.580 |
| Fe | 21 | 1000.972 | 4.300 | 0.430 |
| Cr | 24 | 0.445 | 0.006 | 1.815 |
| Zn | 28 | 37.885 | 0.093 | 0.245 |

Identity 1: 9948 Identity 2: 2:39 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|------------------|
| Be | 1 | 1.943 | 1.929 1.925 |
| Mg | 2 | 1.907 | 1.904 1.892 |
| V | 5 | 0.124 | 0.129 0.136 |
| Na | 6 | 2.735 | 2.727 2.727 |
| Al | 8 | 3.030 | 3.016 3.008 |
| Sb | 9 | -0.088 | -0.103 -0.122 |
| Be | 10 | 0.115 | 0.109 0.114 |
| Ca | 11 | 170.714 | 169.992 169.465 |
| Cl | 13 | 13.921 | 13.896 13.846 |
| Ag | 14 | 0.050 | 0.050 0.050 |
| Pb | 15 | 1.551 | 1.552 1.498 |
| Ce | 16 | 0.192 | 0.176 0.214 |
| Co | 17 | -0.030 | -0.009 -0.001 |
| K1 | 18 | 0.035 | 0.070 0.069 |
| V | 19 | 0.083 | 0.082 0.082 |
| Mn | 20 | 11.816 | 11.833 11.707 |
| Fe | 21 | 1005.425 | 1000.649 996.843 |
| Cr | 24 | 0.450 | 0.450 0.436 |
| Zn | 26 | 37.866 | 37.986 37.803 |

Identity 1: 9948 Identity 2: 2:39 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Be (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|------|----------|----------|---------|----------|----------|----------|----------|----------|
| Mean | 0.145 | 2.454 | 0.021 | 1.520 | 6.088 | 0.005 | 0.000 | 56.365 |

| | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|---------|--------|-------|
| B.I. | 0.001 | 0.011 | 0.001 | 0.007 | 0.027 | 0.008 | 0.000 | 0.208 |
| 1. P.E.D. | 0.445 | 0.430 | 6.491 | 0.444 | 0.327 | 152.372 | 70.057 | 0.749 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 2.457 | -0.003 | 0.982 | -0.039 | -0.002 | 0.019 | 0.889 | 0.362 |
| S.D. | 0.007 | 0.000 | 0.020 | 0.003 | 0.004 | 0.039 | 0.004 | 0.002 |
| M.R.S.D. | 0.270 | 0.000 | 2.072 | 7.047 | 59.991 | 45.831 | 0.411 | 0.590 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 129.174 | 0.101 | 1.457 |
| S.D. | 0.555 | 0.002 | 0.004 |
| M.R.S.D. | 0.430 | 1.820 | 0.247 |

On-Peak Counts Output 2:42 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| Ba | 1 | 68.262 | 67.999 |
| Mg | 2 | 40.561 | 40.323 |
| V | 5 | 24.872 | 24.782 |
| Na | 6 | 37.151 | 37.001 |
| Al | 8 | 4.191 | 4.180 |
| Si | 9 | 17.119 | 17.092 |
| Se | 10 | 83.276 | 82.661 |
| Ca | 11 | 191.628 | 190.933 |
| Cd | 13 | 30.566 | 30.476 |
| Pg | 14 | 4.366 | 4.378 |
| Pi | 15 | 9.498 | 9.481 |
| Di | 16 | 19.640 | 19.577 |
| Do | 17 | 28.968 | 28.982 |
| Ni | 18 | 13.205 | 13.073 |
| K | 19 | 9.535 | 9.505 |
| Mn | 20 | 159.741 | 159.052 |
| Fe | 21 | 42.314 | 41.911 |
| Cr | 24 | 23.555 | 23.782 |
| Zn | 26 | 130.001 | 129.674 |

Background Counts Output 2:42 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ba | 1 862 | 1.778 | |
| Mg | 2 862 | 2.745 | |
| V | 5 862 | 2.583 | |
| Na | 6 831 | 1.246 | |

| | | | |
|----|-------|-------|--|
| Al | 8 861 | 1.644 | |
| Si | 9 831 | 2.452 | |

| | | |
|----|--------|-------|
| Sb | 9 B62 | 8.500 |
| Se | 10 B61 | 2.221 |
| Ca | 11 B62 | 3.662 |
| Sc | 13 B61 | 2.296 |
| Ag | 14 B61 | 2.227 |
| Pb | 15 B61 | 2.019 |
| Pd | 15 B62 | 2.032 |
| Cd | 16 B62 | 1.427 |
| Ce | 17 B62 | 1.765 |
| Ni | 18 B61 | 1.469 |
| K | 19 B61 | 1.678 |
| Mn | 20 B61 | 1.910 |
| Fe | 21 B61 | 1.996 |
| Cr | 24 B62 | 2.014 |
| Zn | 28 B62 | 1.598 |

Corrected Counts Statistics 2:42 PM August 24, 1993
 Task name : 4FOINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | XR.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|-------|
| Ca | 1 | 66.257 | 0.212 | 0.320 |
| Na | 2 | 37.536 | 0.104 | 0.277 |
| K | 5 | 22.285 | 0.084 | 0.379 |
| Na | 6 | 35.768 | 0.102 | 0.266 |
| Al | 8 | 2.536 | 0.008 | 0.323 |
| Sc | 9 | 11.519 | 0.027 | 0.234 |
| Fe | 10 | 80.737 | 0.285 | 0.352 |
| Ce | 11 | 187.324 | 0.588 | 0.314 |
| Sc | 13 | 28.167 | 0.077 | 0.274 |
| Ag | 14 | 2.153 | 0.006 | 0.264 |
| Pd | 15 | 7.452 | 0.023 | 0.305 |
| Cd | 16 | 18.196 | 0.041 | 0.223 |
| Ce | 17 | 27.175 | 0.066 | 0.243 |
| Ni | 18 | 11.657 | 0.070 | 0.600 |
| K | 19 | 7.830 | 0.026 | 0.327 |
| Mn | 20 | 157.243 | 0.544 | 0.346 |
| Fe | 21 | 40.009 | 0.272 | 0.680 |
| Cr | 24 | 21.765 | 0.072 | 0.331 |
| Zn | 28 | 128.033 | 0.393 | 0.307 |

Identity 1: covp3 Identity 2: 2:42 PM August 24, 1993
 Task name : 4FOINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts |
|-----------------|---------------------------------|
| Ca | 1 66.484 66.221 66.065 |
| Na | 2 37.756 37.578 37.573 |
| K | 5 22.285 22.199 22.121 |
| Na | 6 35.503 35.763 35.707 |

| | | | | |
|----|----|---------|---------|---------|
| Al | 8 | 2.547 | 2.536 | 2.531 |
| Sb | 9 | 11.519 | 11.492 | 11.546 |
| Be | 10 | 81.057 | 80.640 | 80.513 |
| Ca | 11 | 187.946 | 187.251 | 186.776 |
| Cu | 13 | 28.270 | 28.180 | 28.116 |
| Ag | 14 | 2.159 | 2.151 | 2.148 |
| Pb | 15 | 7.473 | 7.456 | 7.428 |
| Cd | 16 | 18.213 | 18.150 | 18.226 |
| Co | 17 | 27.233 | 27.223 | 27.100 |
| Ni | 18 | 11.736 | 11.604 | 11.630 |
| K | 19 | 7.857 | 7.827 | 7.806 |
| Mn | 20 | 157.831 | 157.142 | 156.757 |
| Fe | 21 | 43.316 | 39.913 | 39.798 |
| Cr | 24 | 21.841 | 21.768 | 21.697 |
| Zn | 28 | 128.403 | 128.076 | 127.621 |

Identity 1: ccvp3 Identity 2: 2:42 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 5.022 | 49.955 | 4.958 | 49.798 | 5.083 | 4.987 | 1.974 | 62.098 |
| S.D. | 0.018 | 0.139 | 0.019 | 0.150 | 0.017 | 0.012 | 0.007 | 0.155 |
| % R.S.D. | 0.320 | 0.277 | 0.379 | 0.301 | 0.337 | 0.232 | 0.353 | 0.315 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 8.000 | 1.251 | 4.943 | 2.474 | 4.978 | 4.976 | 49.948 | 4.990 |
| S.D. | 0.014 | 0.008 | 0.015 | 0.006 | 0.012 | 0.030 | 0.162 | 0.017 |
| % R.S.D. | 0.275 | 0.271 | 0.305 | 0.223 | 0.243 | 0.601 | 0.325 | 0.341 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 5.157 | 4.974 | 4.973 |
| S.D. | 0.035 | 0.016 | 0.015 |
| % R.S.D. | 0.681 | 0.331 | 0.306 |

On-Peak Counts Output 2:45 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| Ba | 1 | 1.822 | 1.820 |
| Mg | 2 | 2.504 | 2.508 |
| V | 5 | 2.554 | 2.559 |
| Na | 6 | 2.886 | 2.895 |
| Al | 8 | 1.651 | 1.657 |

| | | | |
|----|----|-------|-------|
| Sb | 9 | 2.346 | 2.313 |
| Be | 10 | 1.442 | 1.438 |

| | | | | |
|----|----|-------|-------|-------|
| Ce | 11 | 3.057 | 3.087 | 3.077 |
| Cu | 13 | 2.339 | 2.345 | 2.350 |
| Ag | 14 | 2.272 | 2.240 | 2.235 |
| Pb | 15 | 1.905 | 1.911 | 1.916 |
| Sb | 16 | 1.297 | 1.312 | 1.293 |
| Cd | 17 | 1.687 | 1.698 | 1.689 |
| Kr | 18 | 1.391 | 1.370 | 1.403 |
| I | 19 | 1.601 | 1.606 | 1.609 |
| Ko | 20 | 1.556 | 1.560 | 1.567 |
| Fe | 21 | 2.163 | 2.244 | 2.233 |
| Cr | 24 | 1.551 | 1.953 | 1.958 |
| Ti | 26 | 1.645 | 1.602 | 1.622 |

Background Counts Output 2:45 PM August 24, 1993

Test name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | |
|----|--------|-------|
| Ba | 1 B02 | 1.744 |
| Mg | 2 B02 | 2.446 |
| V | 5 B02 | 2.537 |
| Na | 6 B01 | 1.211 |
| Al | 8 B01 | 1.547 |
| Si | 9 B01 | 2.333 |
| Et | 9 B02 | 2.595 |
| Se | 10 B01 | 1.294 |
| Ca | 11 B02 | 2.940 |
| Cl | 13 B01 | 2.264 |
| Ag | 14 B01 | 2.185 |
| Pb | 15 B01 | 1.930 |
| Pb | 15 B02 | 1.903 |
| Sb | 16 B02 | 1.268 |
| Cd | 17 B02 | 1.668 |
| Kr | 18 B01 | 1.370 |
| I | 19 B01 | 1.668 |
| Ko | 20 B01 | 1.465 |
| Fe | 21 B01 | 1.921 |
| Cr | 24 B02 | 1.946 |
| Ti | 26 B02 | 1.525 |

Corrected Counts Statistics 2:45 PM August 24, 1993

Test name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ba | 1 | 0.077 | 0.001 | 1.506 |
| Mg | 2 | 0.058 | 0.004 | 6.020 |
| V | 5 | 0.019 | 0.003 | 12.017 |

| | | | | |
|----|---|-------|-------|-------|
| Na | 6 | 1.679 | 0.005 | 0.282 |
| Al | 8 | 0.107 | 0.003 | 2.804 |

| | | | | |
|----|----|--------|-------|--------|
| Sb | 9 | -0.132 | 0.021 | 15.660 |
| Se | 10 | 0.145 | 0.003 | 1.825 |
| Sa | 11 | 0.147 | 0.010 | 6.803 |
| Su | 13 | 0.061 | 0.006 | 6.828 |
| Ag | 14 | 0.051 | 0.004 | 7.577 |
| Pb | 15 | -0.006 | 0.006 | 94.415 |
| Ct | 16 | 0.013 | 0.010 | 75.079 |
| Ds | 17 | 0.023 | 0.006 | 25.112 |
| Ni | 18 | 0.018 | 0.017 | 92.756 |
| K | 19 | -0.062 | 0.004 | 7.030 |
| Kr | 20 | 0.096 | 0.006 | 5.800 |
| Fe | 21 | 0.292 | 0.044 | 15.029 |
| Cr | 24 | 0.008 | 0.004 | 45.069 |
| Zn | 26 | 0.098 | 0.022 | 21.957 |

Identity 1: ccb3 Identity 2: 2:45 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--------|--------|
| Ba | 1 | 0.076 | 0.076 | 0.076 |
| Mg | 2 | 0.058 | 0.052 | 0.055 |
| V | 5 | 0.017 | 0.022 | 0.019 |
| Na | 6 | 1.675 | 1.684 | 1.677 |
| Al | 8 | 0.104 | 0.110 | 0.107 |
| Sb | 9 | -0.123 | -0.156 | -0.118 |
| Se | 10 | 0.149 | 0.144 | 0.143 |
| Sa | 11 | 0.157 | 0.147 | 0.137 |
| Su | 13 | 0.075 | 0.081 | 0.086 |
| Ag | 14 | 0.047 | 0.055 | 0.050 |
| Pb | 15 | -0.012 | -0.006 | -0.001 |
| Ds | 16 | 0.009 | 0.024 | 0.005 |
| Ct | 17 | 0.019 | 0.030 | 0.021 |
| Ni | 18 | 0.021 | 0.000 | 0.033 |
| K | 19 | -0.057 | -0.060 | -0.059 |
| Kr | 20 | 0.091 | 0.095 | 0.102 |
| Fe | 21 | 0.242 | 0.323 | 0.312 |
| Cr | 24 | 0.005 | 0.007 | 0.012 |
| Zn | 26 | 0.120 | 0.077 | 0.097 |

Identity 1: ccb3 Identity 2: 2:45 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Se (ppm) | Ca (ppm) |
|--------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.002 | 0.005 | 0.002 | -0.015 | -0.008 | -0.007 | 0.001 | -0.049 |
| S.D. | 0.000 | 0.005 | 0.001 | 0.007 | 0.006 | 0.009 | 0.000 | 0.003 |
| 1 S.D. | 4.076 | 95.764 | 22.663 | 46.813 | 77.640 | 126.889 | 6.013 | 6.750 |

Ca Mg Fe Cr Ni V K

| | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
|----------|--------|--------|---------|--------|--------|---------|---------|--------|
| Mean | 0.002 | -0.003 | -0.001 | 0.003 | -0.003 | 0.002 | -0.025 | 0.001 |
| S.D. | 0.001 | 0.002 | 0.004 | 0.001 | 0.001 | 0.007 | 0.028 | 0.000 |
| % R.S.D. | 53.365 | 54.567 | 542.810 | 48.704 | 33.159 | 455.740 | 108.769 | 11.846 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 0.031 | 0.002 | 0.004 |
| S.D. | 0.002 | 0.001 | 0.001 |
| % R.S.D. | 16.031 | 54.063 | 15.947 |

On-peak Counts Output 2:48 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-peak Integrations : 3 Off-peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|-----------------|
| Ba | 1 | 10.722 | 10.705 10.740 |
| Mg | 2 | 15.793 | 15.767 15.800 |
| V | 5 | 2.845 | 2.853 2.845 |
| Na | 6 | 4.575 | 4.567 4.565 |
| Al | 8 | 12.134 | 12.143 12.164 |
| Sb | 9 | 2.447 | 2.513 2.468 |
| Ba | 10 | 1.471 | 1.476 1.479 |
| Ca | 11 | 392.549 | 391.910 392.926 |
| Cu | 13 | 14.111 | 14.082 14.114 |
| Ag | 14 | 2.263 | 2.266 2.265 |
| Pb | 15 | 6.130 | 6.172 6.185 |
| Co | 16 | 1.706 | 1.704 1.696 |
| Ce | 17 | 1.873 | 1.848 1.858 |
| Ni | 18 | 1.734 | 1.723 1.722 |
| K | 19 | 2.116 | 2.110 2.113 |
| Mn | 20 | 34.927 | 34.903 34.904 |
| Fe | 21 | 745.948 | 744.937 746.109 |
| Cr | 24 | 2.740 | 2.745 2.748 |
| Zn | 28 | 75.577 | 75.367 75.769 |

Background Counts Output 2:48 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-peak Integrations : 3 Off-peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ba | 1 BG2 | 1.735 | |
| Mg | 2 BG2 | 2.596 | |
| V | 5 BG2 | 2.570 | |
| Na | 6 BG1 | 1.215 | |
| Al | 8 BG1 | 1.619 | |
| Sb | 9 BG1 | 2.430 | |

| | | |
|----|--------|-------|
| Sb | 9 BG2 | 2.616 |
| Fe | 10 BG1 | 1.342 |

| | | |
|----|--------|-------|
| Ca | 11 B62 | 4.429 |
| Cu | 13 B61 | 2.602 |
| Ag | 14 B61 | 2.153 |
| Pb | 15 B61 | 2.080 |
| Pt | 15 B62 | 1.998 |
| Cd | 16 B62 | 1.319 |
| Co | 17 B62 | 1.716 |
| Ni | 18 B61 | 1.436 |
| V | 19 B61 | 1.670 |
| Mn | 20 B61 | 1.559 |
| Fe | 21 B61 | 2.390 |
| Cr | 24 B62 | 1.989 |
| Zn | 28 B62 | 1.636 |

Corrected Counts Statistics 2:48 PM August 24, 1993

Task name : 4PCINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | XR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ba | 1 | 8.987 | 0.018 | 0.195 |
| Mg | 2 | 13.191 | 0.017 | 0.132 |
| V | 5 | 0.278 | 0.005 | 1.663 |
| Na | 6 | 3.354 | 0.005 | 0.158 |
| Al | 8 | 10.528 | 0.015 | 0.146 |
| BB | 9 | -0.154 | 0.034 | 21.945 |
| Se | 10 | 0.133 | 0.004 | 3.031 |
| Ca | 11 | 388.933 | 0.514 | 0.132 |
| Cu | 13 | 11.500 | 0.018 | 0.154 |
| Ag | 14 | 0.072 | 0.002 | 2.131 |
| Pb | 15 | 4.123 | 0.029 | 0.697 |
| Cd | 16 | 0.383 | 0.005 | 1.362 |
| Co | 17 | 0.144 | 0.013 | 8.759 |
| Ni | 18 | 0.287 | 0.007 | 2.317 |
| K | 19 | 0.443 | 0.003 | 0.677 |
| Mn | 20 | 33.322 | 0.014 | 0.041 |
| Fe | 21 | 743.275 | 0.635 | 0.086 |
| Cr | 24 | 0.755 | 0.004 | 0.535 |
| Zn | 28 | 73.933 | 0.201 | 0.272 |

Identity 1: 9949 Identity 2: 2:48 PM August 24, 1993

Task name : 4PCINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--------|--------|
| Ba | 1 | 8.987 | 8.970 | 9.005 |
| Mg | 2 | 13.197 | 13.171 | 13.204 |
| V | 5 | 0.275 | 0.283 | 0.275 |
| Na | 6 | 3.360 | 3.352 | 3.350 |
| Al | 8 | 10.515 | 10.524 | 10.545 |
| BB | 9 | -0.163 | -0.117 | -0.162 |

| | | | | |
|----|----|---------|---------|---------|
| Be | 10 | 0.129 | 0.134 | 0.137 |
| Ca | 11 | 388.120 | 387.481 | 388.497 |
| Cu | 13 | 11.539 | 11.480 | 11.512 |
| Pb | 14 | 0.070 | 0.073 | 0.072 |
| Pb | 15 | 4.091 | 4.133 | 4.146 |
| Cd | 16 | 0.367 | 0.385 | 0.377 |
| Co | 17 | 0.157 | 0.132 | 0.142 |
| Ni | 18 | 0.295 | 0.284 | 0.283 |
| K | 19 | 0.446 | 0.440 | 0.443 |
| Mn | 20 | 33.335 | 33.314 | 33.315 |
| Fe | 21 | 743.558 | 742.547 | 743.719 |
| Cr | 24 | 0.751 | 0.756 | 0.759 |
| Zn | 28 | 73.939 | 73.729 | 74.131 |

Identity 1: 9949 Identity 2: 2:46 PM August 24, 1993

Task name : 4PDIINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.672 | 17.461 | 0.056 | 2.432 | 21.814 | -0.016 | 0.001 | 128.737 |
| S.D. | 0.001 | 0.023 | 0.001 | 0.008 | 0.032 | 0.014 | 0.000 | 0.171 |
| % R.S.D. | 0.196 | 0.132 | 1.858 | 0.318 | 0.148 | 89.147 | 12.500 | 0.132 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 2.032 | 0.010 | 2.709 | 0.004 | 0.019 | 0.117 | 3.172 | 1.045 |
| S.D. | 0.003 | 0.001 | 0.019 | 0.001 | 0.002 | 0.003 | 0.019 | 0.000 |
| % R.S.D. | 0.155 | 9.132 | 0.704 | 19.728 | 12.257 | 2.439 | 0.599 | 0.041 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 95.917 | 0.172 | 2.867 |
| S.D. | 0.082 | 0.001 | 0.008 |
| % R.S.D. | 0.085 | 0.536 | 0.273 |

On-Peak Counts Output 2:51 PM August 24, 1993

Task name : 4PDIINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Off-Peak | Impulses |
|---------|---------|---------|----------|----------|
| Be | 1 | 12.672 | 12.562 | 12.533 |
| Mg | 2 | 19.607 | 19.683 | 19.641 |
| V | 5 | 2.631 | 2.821 | 2.818 |
| Na | 6 | 5.150 | 5.139 | 5.136 |
| Al | 8 | 12.507 | 12.421 | 12.392 |
| Si | 9 | 2.464 | 2.460 | 2.494 |
| Fe | 10 | 1.471 | 1.469 | 1.472 |

| | | | | |
|----|----|---------|---------|---------|
| Ca | 11 | 411.640 | 407.491 | 406.754 |
| Cu | 13 | 5.566 | 5.846 | 5.839 |

| | | | | |
|----|----|---------|---------|---------|
| Ag | 14 | 2.275 | 2.278 | 2.279 |
| Pb | 15 | 6.638 | 6.611 | 6.666 |
| Cd | 16 | 1.457 | 1.455 | 1.527 |
| Cu | 17 | 1.755 | 1.767 | 1.836 |
| Ni | 18 | 1.556 | 1.553 | 1.613 |
| K | 19 | 2.093 | 2.093 | 2.094 |
| Mn | 20 | 37.928 | 37.575 | 37.479 |
| Fe | 21 | 735.464 | 728.437 | 727.172 |
| Cr | 24 | 2.718 | 2.720 | 2.716 |
| Zr | 26 | 60.734 | 60.027 | 59.931 |

Background Counts Output 2:51 PM August 24, 1993
 Task name : APCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | |
|----|--------|-------|
| Be | 1 BG2 | 1.740 |
| Mg | 2 BG2 | 2.626 |
| V | 5 BG2 | 2.580 |
| Na | 6 BG1 | 1.220 |
| Al | 8 BG1 | 1.624 |
| Sb | 9 BG1 | 2.396 |
| Sb | 9 BG2 | 2.734 |
| Be | 10 BG1 | 1.340 |
| Ca | 11 BG2 | 4.498 |
| Cl | 13 BG1 | 2.566 |
| Ag | 14 BG1 | 2.193 |
| Pb | 15 BG1 | 2.053 |
| Pb | 15 BG2 | 1.978 |
| Cd | 16 BG2 | 1.332 |
| Cu | 17 BG2 | 1.708 |
| Ni | 18 BG1 | 1.465 |
| K | 19 BG1 | 1.674 |
| Mn | 20 BG1 | 1.618 |
| Fe | 21 BG1 | 2.393 |
| Cr | 24 BG2 | 2.007 |
| Zr | 26 BG2 | 1.614 |

Corrected Counts Statistics 2:51 PM August 24, 1993

Task name : APCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | XR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|---|--------|-------|-------|
| Be | 1 | 10.849 | 0.073 | 0.676 |
| Mg | 2 | 17.084 | 0.086 | 0.505 |
| V | 5 | 0.243 | 0.007 | 2.757 |
| Na | 6 | 3.522 | 0.007 | 0.170 |
| Al | 8 | 10.816 | 0.060 | 0.553 |

| | | | | |
|----|----|--------|-------|--------|
| Be | 5 | -0.124 | 0.015 | 14.984 |
| Be | 10 | 0.171 | 0.002 | 1.165 |

| | | | | |
|----|----|---------|-------|--------|
| Ca | 11 | 404.130 | 2.634 | 0.652 |
| Cu | 13 | 3.285 | 0.015 | 0.461 |
| Ag | 14 | 0.084 | 0.001 | 2.468 |
| Pb | 15 | 4.623 | 0.028 | 0.595 |
| Cd | 16 | 0.175 | 0.017 | 9.963 |
| Co | 17 | 0.059 | 0.026 | 25.926 |
| Ni | 18 | 0.132 | 0.015 | 11.369 |
| K | 19 | 0.419 | 0.001 | 0.138 |
| Mn | 20 | 36.043 | 0.236 | 0.656 |
| Fe | 21 | 727.955 | 4.474 | 0.615 |
| Cr | 24 | 0.711 | 0.032 | 0.281 |
| Zn | 28 | 58.617 | 0.439 | 0.748 |

Identity 1: 9950 Identity 2: 2:52 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|---------|---------|
| Ba | 1 | 10.932 | 10.822 | 10.793 |
| Mg | 2 | 17.181 | 17.057 | 17.015 |
| V | 5 | 0.251 | 0.241 | 0.238 |
| Na | 6 | 3.930 | 3.919 | 3.918 |
| Al | 8 | 10.853 | 10.757 | 10.749 |
| Sb | 9 | -0.133 | -0.137 | -0.103 |
| Be | 10 | 0.131 | 0.129 | 0.132 |
| Ca | 11 | 407.142 | 402.593 | 402.258 |
| Cu | 13 | 3.302 | 3.280 | 3.273 |
| Ag | 14 | 0.082 | 0.085 | 0.081 |
| Pb | 15 | 4.622 | 4.595 | 4.650 |
| Cd | 16 | 0.167 | 0.163 | 0.195 |
| Co | 17 | 0.087 | 0.081 | 0.128 |
| Ni | 18 | 0.131 | 0.118 | 0.148 |
| K | 19 | 0.419 | 0.419 | 0.420 |
| Mn | 20 | 36.310 | 35.957 | 35.861 |
| Fe | 21 | 733.071 | 726.014 | 724.779 |
| Cr | 24 | 0.711 | 0.713 | 0.709 |
| Zn | 28 | 59.120 | 58.413 | 58.317 |

Identity 1: 9950 Identity 2: 2:52 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.819 | 22.637 | 0.048 | 3.262 | 22.418 | -0.004 | 0.001 | 134.082 |
| S.D. | 0.006 | 0.115 | 0.001 | 0.010 | 0.125 | 0.008 | 0.009 | 0.875 |
| % R.S.D. | 0.679 | 0.507 | 3.102 | 0.298 | 0.559 | 226.839 | 5.149 | 0.652 |
| | Cu | Ag | Pb | Cd | Co | Ni | K | Mn |
| Mean | 0.871 | 0.017 | 3.041 | -0.024 | 0.011 | 0.050 | 3.002 | 1.175 |

| | | | | | | | | |
|----------|-------|-------|-------|--------|--------|--------|-------|-------|
| S.D. | 0.003 | 0.001 | 0.018 | 0.003 | 0.005 | 0.006 | 0.004 | 0.007 |
| % R.S.D. | 0.471 | 7.082 | 0.601 | 10.794 | 44.362 | 12.750 | 0.121 | 0.657 |

| | Fe (ppm) | Cr (ppm) | In (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 93.935 | 0.162 | 2.270 |
| S.D. | 0.577 | 0.000 | 0.017 |
| % R.S.D. | 0.615 | 0.282 | 0.749 |

On-Peak Counts Output 2:55 PM August 24, 1993
 Task name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|-----------------|
| Be | 1 | 9.545 | 9.525 9.493 |
| Mg | 2 | 37.458 | 37.425 37.233 |
| V | 5 | 2.988 | 2.996 2.987 |
| Na | 6 | 4.185 | 4.196 4.192 |
| Al | 8 | 22.288 | 22.284 22.153 |
| Si | 9 | 2.543 | 2.560 2.586 |
| Sr | 10 | 1.506 | 1.506 1.505 |
| Ca | 11 | 524.337 | 524.349 522.021 |
| Cu | 13 | 3.586 | 3.599 3.594 |
| Ag | 14 | 2.234 | 2.235 2.242 |
| Pb | 15 | 2.879 | 2.879 2.918 |
| Cd | 16 | 1.462 | 1.479 1.469 |
| Co | 17 | 1.949 | 1.914 1.903 |
| Ni | 18 | 1.707 | 1.733 1.728 |
| K | 19 | 2.629 | 2.627 2.619 |
| Mn | 20 | 65.579 | 65.261 64.926 |
| Fe | 21 | 638.893 | 638.006 632.417 |
| Cr | 24 | 2.537 | 2.538 2.542 |
| In | 29 | 31.364 | 31.583 31.319 |

Background Counts Output 2:55 PM August 24, 1993
 Task name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Be | 1 BG2 | 1.736 | |
| Mg | 2 BG2 | 2.749 | |
| V | 5 BG2 | 2.580 | |
| Na | 6 BG1 | 1.206 | |
| Al | 8 BG1 | 1.690 | |
| Si | 9 BS1 | 2.462 | |
| Sr | 9 BG2 | 2.913 | |
| Sr | 10 BS1 | 1.365 | |

| | | |
|----|--------|-------|
| Ca | 11 BS2 | 4.631 |
| Cu | 13 BS1 | 2.784 |

| | | |
|----|--------|-------|
| Ag | 14 B61 | 2.189 |
| Pb | 15 B61 | 2.140 |
| Pb | 15 B62 | 2.036 |
| Cd | 16 B62 | 1.322 |
| Co | 17 B62 | 1.732 |
| Ni | 18 B61 | 1.461 |
| K | 19 B61 | 1.665 |
| Mn | 20 B61 | 1.662 |
| Fe | 21 B61 | 2.369 |
| Cr | 24 B62 | 2.606 |
| Zn | 26 B62 | 1.613 |

Corrected Counts Statistics 2:55 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|--------|
| Be | 1 | 7.785 | 0.026 | 0.337 |
| Mg | 2 | 34.623 | 0.122 | 0.351 |
| V | 5 | 0.410 | 0.005 | 1.202 |
| Na | 6 | 2.985 | 0.006 | 0.187 |
| Al | 8 | 20.552 | 0.077 | 0.374 |
| Si | 9 | -0.132 | 0.022 | 18.372 |
| Be | 10 | 0.121 | 0.001 | 0.478 |
| Ca | 11 | 516.636 | 1.341 | 0.258 |
| Cl | 13 | 0.809 | 0.007 | 0.811 |
| Ag | 14 | 0.049 | 0.004 | 8.192 |
| Pb | 15 | 0.804 | 0.023 | 2.891 |
| De | 16 | 0.155 | 0.007 | 4.401 |
| Co | 17 | 0.190 | 0.024 | 12.643 |
| Ni | 18 | 0.262 | 0.014 | 5.272 |
| K | 19 | 0.960 | 0.005 | 0.551 |
| Mn | 20 | 63.574 | 0.326 | 0.512 |
| Fe | 21 | 632.409 | 2.038 | 0.322 |
| Cr | 24 | 0.533 | 0.003 | 0.496 |
| Zn | 26 | 29.816 | 0.136 | 0.461 |

Identity 1: 9953 Identity 2: 2:55 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | | |
|-----------------|------------------|--------|--------|--------|
| Be | 1 | 7.809 | 7.789 | 7.757 |
| Mg | 2 | 34.709 | 34.676 | 34.484 |
| V | 5 | 0.408 | 0.416 | 0.407 |
| Na | 6 | 2.979 | 2.990 | 2.986 |
| Al | 8 | 20.598 | 20.594 | 20.463 |
| Si | 9 | -0.152 | -0.135 | -0.109 |

| | | | | |
|----|----|---------|---------|---------|
| Be | 10 | 0.121 | 0.121 | 0.120 |
| Ca | 11 | 516.466 | 516.416 | 517.090 |

| | | | | |
|----|----|---------|---------|---------|
| Cu | 13 | 0.832 | 0.815 | 0.810 |
| Ag | 14 | 0.045 | 0.050 | 0.053 |
| Pb | 15 | 0.791 | 0.791 | 0.830 |
| Cd | 16 | 0.160 | 0.157 | 0.147 |
| Co | 17 | 0.217 | 0.182 | 0.171 |
| Ni | 18 | 0.246 | 0.272 | 0.267 |
| K | 19 | 0.964 | 0.962 | 0.954 |
| Mn | 20 | 63.897 | 63.579 | 63.246 |
| Fe | 21 | 633.523 | 633.646 | 630.057 |
| Cr | 24 | 0.531 | 0.532 | 0.536 |
| Zn | 28 | 29.771 | 29.970 | 29.706 |

Identity 1: 9953 Identity 2: 2:56 PM August 24, 1993

Task name : APCINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.587 | 45.951 | 0.086 | 1.893 | 42.805 | -0.007 | 0.000 | 172.100 |
| S.D. | 0.002 | 0.162 | 0.001 | 0.008 | 0.161 | 0.009 | 0.000 | 0.445 |
| % R.S.D. | 0.339 | 0.351 | 1.272 | 0.430 | 0.376 | 131.689 | 2.936 | 0.259 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.131 | -0.003 | 0.512 | -0.020 | 0.027 | 0.106 | 6.446 | 2.010 |
| S.D. | 0.001 | 0.002 | 0.015 | 0.001 | 0.004 | 0.006 | 0.034 | 0.010 |
| % R.S.D. | 0.886 | 72.079 | 2.930 | 3.990 | 16.122 | 5.578 | 0.520 | 0.513 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 61.609 | 0.121 | 1.149 |
| S.D. | 0.263 | 0.001 | 0.005 |
| % R.S.D. | 0.322 | 0.498 | 0.463 |

On-Peak Counts Output 2:58 PM August 24, 1993

Task name : APCINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------------|
| Ba | 1 | 3.214 | 3.200 3.197 |
| Mg | 2 | 8.947 | 8.870 8.873 |
| V | 5 | 2.614 | 2.620 2.617 |
| Na | 6 | 3.344 | 3.347 3.356 |
| Al | 8 | 5.456 | 5.413 5.414 |
| Sb | 9 | 2.328 | 2.325 2.349 |
| Be | 10 | 1.421 | 1.415 1.421 |
| Ca | 11 | 98.655 | 97.461 97.257 |
| Co | 13 | 2.554 | 2.563 2.557 |

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 2.222 | 2.226 2.235 |
| Pb | 15 | 2.111 | 2.110 2.111 |

| | | | | |
|----|----|---------|---------|---------|
| Cd | 16 | 1.313 | 1.302 | 1.315 |
| Co | 17 | 1.706 | 1.701 | 1.712 |
| Ni | 18 | 1.442 | 1.446 | 1.465 |
| K | 19 | 1.793 | 1.798 | 1.795 |
| Mn | 20 | 13.276 | 13.186 | 13.194 |
| Fe | 21 | 119.311 | 117.892 | 117.512 |
| Cr | 24 | 2.038 | 2.045 | 2.042 |
| Zn | 28 | 7.139 | 7.088 | 7.044 |

Background Counts Output 2:58 PM August 24, 1993

Task name : APCINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

| | | |
|----|--------|-------|
| Be | 1 BG2 | 1.739 |
| Mg | 2 BG2 | 2.501 |
| V | 5 BG2 | 2.544 |
| Na | 6 BG1 | 1.203 |
| Al | 8 BG1 | 1.571 |
| Si | 9 BG1 | 2.330 |
| Si | 9 BG2 | 2.653 |
| Fe | 10 BG1 | 1.309 |
| Ca | 11 BG2 | 3.288 |
| Ca | 17 BG1 | 2.348 |
| Ag | 14 BG1 | 2.175 |
| Pb | 15 BG1 | 1.565 |
| Pb | 15 BG2 | 1.652 |
| Cd | 16 BG2 | 1.287 |
| Co | 17 BG2 | 1.677 |
| Ni | 18 BG1 | 1.395 |
| Ni | 19 BG1 | 1.465 |
| Mn | 20 BG1 | 1.515 |
| Fe | 21 BG1 | 1.997 |
| Cr | 24 BG2 | 1.964 |
| Zn | 28 BG2 | 1.530 |

Corrected Counts Statistics 2:58 PM August 24, 1993

Task name : APCINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|--------|-------|-------|
| Be | 1 | 1.465 | 0.009 | 0.620 |
| Mg | 2 | 6.396 | 0.044 | 0.682 |
| V | 5 | 0.073 | 0.003 | 4.110 |
| Na | 6 | 2.146 | 0.006 | 0.291 |
| Al | 8 | 3.857 | 0.025 | 0.636 |
| Si | 9 | -0.163 | 0.013 | 3.015 |
| Si | 10 | 0.110 | 0.003 | 3.149 |

| | | | | |
|----|----|--------|-------|-------|
| Ca | 11 | 56.516 | 0.741 | 0.784 |
| Ca | 17 | 0.217 | 0.005 | 2.151 |

| | | | | |
|----|----|---------|-------|--------|
| Ag | 14 | 0.053 | 0.007 | 12.642 |
| Pb | 15 | 0.177 | 0.001 | 0.326 |
| Cd | 16 | 0.023 | 0.007 | 30.435 |
| Co | 17 | 0.029 | 0.006 | 18.776 |
| Ni | 18 | 0.056 | 0.012 | 21.943 |
| K | 19 | 0.132 | 0.003 | 1.902 |
| Mn | 20 | 11.704 | 0.049 | 0.420 |
| Fe | 21 | 116.241 | 0.948 | 0.816 |
| Cr | 24 | 0.078 | 0.004 | 4.522 |
| Zn | 28 | 5.560 | 0.048 | 0.855 |

Identity 1: 99531 Identity 2: 2:58 PM August 24, 1993
 Task name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|---------|---------|
| Ba | 1 | 1.475 | 1.461 | 1.458 |
| Mg | 2 | 6.446 | 6.369 | 6.372 |
| V | 5 | 0.070 | 0.076 | 0.073 |
| Na | 6 | 2.141 | 2.144 | 2.153 |
| Al | 8 | 3.885 | 3.842 | 3.843 |
| Sb | 9 | -0.169 | -0.172 | -0.148 |
| Be | 10 | 0.112 | 0.106 | 0.112 |
| Ca | 11 | 95.367 | 94.173 | 94.009 |
| Cd | 17 | 0.209 | 0.218 | 0.212 |
| Ag | 14 | 0.047 | 0.051 | 0.060 |
| Pb | 15 | 0.177 | 0.176 | 0.177 |
| Cd | 16 | 0.021 | 0.015 | 0.028 |
| Co | 17 | 0.029 | 0.024 | 0.035 |
| Ni | 18 | 0.047 | 0.051 | 0.070 |
| K | 19 | 0.130 | 0.135 | 0.132 |
| Mn | 20 | 11.761 | 11.673 | 11.679 |
| Fe | 21 | 117.314 | 115.895 | 115.515 |
| Cr | 24 | 0.074 | 0.081 | 0.078 |
| Zn | 28 | 5.609 | 5.558 | 5.514 |

Identity 1: 99531 Identity 2: 2:58 PM August 24, 1993
 Task name : 4PCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.107 | 8.429 | 0.014 | 0.668 | 7.844 | -0.020 | 0.000 | 31.284 |
| S.D. | 0.001 | 0.058 | 0.001 | 0.009 | 0.051 | 0.006 | 0.000 | 0.246 |
| ± R.S.D. | 0.641 | 0.688 | 4.904 | 1.366 | 0.655 | 27.682 | 38.499 | 0.787 |
| | Cd (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
| Mean | 0.025 | -0.001 | 0.116 | -0.004 | -0.002 | 0.018 | 1.205 | 0.369 |
| S.D. | 0.001 | 0.004 | 0.000 | 0.001 | 0.001 | 0.005 | 0.016 | 0.002 |
| ± R.S.D. | 7.512 | 292.848 | 0.001 | 26.851 | 47.191 | 29.493 | 1.322 | 0.401 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 14.995 | 0.017 | 0.215 |
| S.D. | 0.122 | 0.001 | 0.002 |
| % R.S.D. | 0.816 | 4.601 | 0.863 |

In-Peak Counts Output 3:01 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses | | |
|---------|---------|-----------------|---------|---------|
| Ba | 1 | 7.399 | 7.415 | 7.418 |
| Mg | 2 | 18.364 | 18.355 | 18.395 |
| V | 5 | 2.786 | 2.786 | 2.777 |
| Na | 6 | 4.066 | 4.069 | 4.070 |
| Al | 8 | 10.986 | 10.998 | 11.017 |
| Sb | 9 | 2.501 | 2.480 | 2.453 |
| Se | 10 | 1.450 | 1.449 | 1.442 |
| Ca | 11 | 759.637 | 761.042 | 762.301 |
| Cl | 13 | 7.325 | 7.329 | 7.332 |
| Ag | 14 | 3.061 | 3.069 | 3.061 |
| Pt | 15 | 5.122 | 5.205 | 5.261 |
| Ce | 16 | 1.460 | 1.460 | 1.443 |
| Cd | 17 | 1.820 | 1.818 | 1.776 |
| Ni | 18 | 1.645 | 1.651 | 1.647 |
| K | 19 | 1.917 | 1.914 | 1.917 |
| Mn | 20 | 48.109 | 48.367 | 48.225 |
| Fe | 21 | 493.854 | 493.479 | 494.647 |
| Cr | 24 | 2.673 | 2.683 | 2.679 |
| Zn | 28 | 72.505 | 72.607 | 72.584 |

Background Counts Output 3:01 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses | |
|---------|---------|--------------------|--|
| Ba | 1 B32 | 1.737 | |
| Mg | 2 B62 | 2.614 | |
| V | 5 B22 | 2.576 | |
| Na | 6 B61 | 1.213 | |
| Al | 8 B01 | 1.622 | |
| Sb | 9 B61 | 2.405 | |
| Se | 9 B62 | 2.766 | |
| Be | 10 B61 | 1.348 | |
| Ca | 11 B32 | 5.821 | |
| Cl | 13 B31 | 2.604 | |

| | | |
|----|--------|-------|
| Ag | 14 B31 | 2.159 |
| Pt | 15 B31 | 2.036 |

| | | |
|----|--------|-------|
| Pb | 15 BG2 | 1.975 |
| Cd | 16 BG2 | 1.300 |
| Co | 17 BG2 | 1.726 |
| Ni | 18 BG1 | 1.418 |
| K | 19 BG1 | 1.667 |
| Mn | 20 BG1 | 1.615 |
| Fe | 21 BG1 | 2.258 |
| Cr | 24 BG2 | 2.007 |
| Zn | 26 BG2 | 1.567 |

Corrected Counts Statistics 3:01 PM August 24, 1993
 Task name : APCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|--------|
| Ba | 1 | 5.674 | 0.010 | 0.180 |
| Mg | 2 | 15.757 | 0.021 | 0.133 |
| V | 5 | 0.207 | 0.005 | 2.510 |
| Na | 6 | 2.855 | 0.002 | 0.073 |
| Al | 8 | 9.378 | 0.016 | 0.167 |
| Sb | 9 | -0.114 | 0.024 | 21.159 |
| Be | 10 | 0.099 | 0.004 | 4.403 |
| Ca | 11 | 755.172 | 1.333 | 0.174 |
| Cl | 13 | 4.725 | 0.004 | 0.074 |
| Pg | 14 | 0.875 | 0.005 | 0.526 |
| Pt | 15 | 3.193 | 0.070 | 2.190 |
| Db | 16 | 0.154 | 0.010 | 6.360 |
| Dc | 17 | 0.079 | 0.025 | 31.594 |
| NI | 18 | 0.230 | 0.003 | 1.330 |
| K | 19 | 0.249 | 0.002 | 0.696 |
| Mn | 20 | 46.625 | 0.140 | 0.259 |
| Fe | 21 | 491.735 | 0.596 | 0.121 |
| Cr | 24 | 0.671 | 0.005 | 0.750 |
| Zn | 26 | 70.978 | 0.054 | 0.075 |

Identity 1: 9954 Identity 2: 3:02 PM August 24, 1993
 Task name : APCINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | | |
|-----------------|------------------|---------|---------|---------|
| Ba | 1 | 5.662 | 5.678 | 5.681 |
| Mg | 2 | 15.750 | 15.741 | 15.781 |
| V | 5 | 0.210 | 0.210 | 0.201 |
| Na | 6 | 2.853 | 2.856 | 2.857 |
| Al | 8 | 9.364 | 9.376 | 9.395 |
| Sb | 9 | -0.091 | -0.112 | -0.139 |
| Be | 10 | 0.102 | 0.101 | 0.094 |
| Ca | 11 | 755.816 | 755.221 | 756.480 |
| Cl | 13 | 4.721 | 4.725 | 4.726 |
| Pg | 14 | 0.870 | 0.880 | 0.870 |

| | | | | |
|----|----|---------|---------|---------|
| Pb | 15 | 3.120 | 3.202 | 3.259 |
| Cd | 16 | 0.160 | 0.160 | 0.143 |
| Co | 17 | 0.094 | 0.092 | 0.050 |
| Ni | 18 | 0.227 | 0.233 | 0.225 |
| K | 19 | 0.250 | 0.247 | 0.250 |
| Mn | 20 | 48.494 | 48.772 | 48.610 |
| Fe | 21 | 491.554 | 491.221 | 492.389 |
| Cr | 24 | 0.664 | 0.676 | 0.672 |
| Zn | 23 | 70.615 | 71.020 | 70.997 |

Identity 1: 9954 Identity 2: 3:02 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.427 | 20.873 | 0.041 | 1.704 | 19.407 | 0.001 | -0.000 | 250.635 |
| S.D. | 0.001 | 0.028 | 0.001 | 0.003 | 0.033 | 0.010 | 0.000 | 0.442 |
| % R.S.D. | 0.182 | 0.134 | 2.809 | 0.178 | 0.169 | 1142.231 | 217.709 | 0.177 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.828 | 0.481 | 2.102 | -0.011 | 0.007 | 0.092 | 1.944 | 1.474 |
| S.D. | 0.001 | 0.003 | 0.044 | 0.001 | 0.005 | 0.001 | 0.011 | 0.004 |
| % R.S.D. | 0.075 | 0.563 | 2.205 | 12.921 | 65.971 | 1.419 | 0.564 | 0.301 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 63.454 | 0.153 | 2.757 |
| S.D. | 0.077 | 0.001 | 0.002 |
| % R.S.D. | 0.121 | 0.751 | 0.076 |

On-Peak Counts Output 3:05 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|-----------------|
| Ba | 1 | 6.492 | 6.490 6.492 |
| Mg | 2 | 22.093 | 22.087 22.091 |
| V | 5 | 2.826 | 2.824 2.818 |
| Na | 6 | 4.280 | 4.274 4.276 |
| Al | 8 | 13.651 | 13.639 13.648 |
| Sb | 9 | 2.492 | 2.448 2.466 |
| Be | 10 | 1.461 | 1.458 1.454 |
| Ca | 11 | 370.800 | 370.429 370.114 |
| Cu | 13 | 4.818 | 4.821 4.802 |
| Ag | 14 | 2.265 | 2.267 2.265 |
| Pb | 15 | 4.378 | 4.386 4.368 |

| | | | |
|----|----|-------|-------------|
| Cd | 16 | 1.460 | 1.481 1.490 |
| Co | 17 | 1.821 | 1.828 1.782 |

| | | | | |
|----|----|---------|---------|---------|
| Ni | 18 | 1.618 | 1.620 | 1.613 |
| K | 19 | 2.030 | 2.026 | 2.030 |
| Mn | 20 | 35.832 | 35.677 | 35.783 |
| Fe | 21 | 483.960 | 483.076 | 483.003 |
| Cr | 24 | 2.671 | 2.660 | 2.664 |
| Zn | 28 | 54.811 | 54.853 | 55.128 |

Background Counts Output 3:05 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

| | | |
|----|--------|-------|
| Ba | 1 B62 | 1.742 |
| Mg | 2 B62 | 2.621 |
| V | 5 B62 | 2.565 |
| Na | 6 B61 | 1.213 |
| Al | 8 B61 | 1.628 |
| Sb | 9 B61 | 2.417 |
| Sb | 9 B62 | 2.806 |
| Be | 10 B61 | 1.350 |
| Ca | 11 B62 | 4.336 |
| Cu | 13 B61 | 2.648 |
| Ag | 14 B61 | 2.195 |
| Pb | 15 B61 | 2.017 |
| Pb | 15 B62 | 1.941 |
| Cd | 16 B62 | 1.310 |
| Co | 17 B62 | 1.710 |
| Ni | 18 B61 | 1.416 |
| K | 19 B61 | 1.669 |
| Mn | 20 B61 | 1.573 |
| Fe | 21 B61 | 2.209 |
| Cr | 24 B62 | 1.986 |
| Zn | 28 B62 | 1.630 |

Corrected Counts Statistics 3:05 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses ZR.S.D. Kpulses

| | | | | |
|----|----|---------|-------|--------|
| Ba | 1 | 4.749 | 0.001 | 0.024 |
| Mg | 2 | 19.469 | 0.003 | 0.016 |
| V | 5 | 0.258 | 0.004 | 1.616 |
| Na | 6 | 3.064 | 0.003 | 0.100 |
| Al | 8 | 12.018 | 0.006 | 0.052 |
| Sb | 9 | -0.150 | 0.022 | 14.793 |
| Be | 10 | 0.108 | 0.004 | 3.262 |
| Ca | 11 | 366.112 | 0.343 | 0.094 |
| Cu | 13 | 2.166 | 0.010 | 0.472 |

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.071 | 0.001 | 1.634 |
| Pb | 15 | 2.398 | 0.009 | 0.376 |

| | | | | |
|----|----|---------|-------|--------|
| Cd | 16 | 0.167 | 0.015 | 9.218 |
| Co | 17 | 0.100 | 0.025 | 24.703 |
| Ni | 18 | 0.201 | 0.004 | 1.794 |
| K | 19 | 0.360 | 0.002 | 0.642 |
| Mn | 20 | 34.191 | 0.079 | 0.232 |
| Fe | 21 | 481.137 | 0.533 | 0.111 |
| Cr | 24 | 0.679 | 0.006 | 0.820 |
| Zn | 28 | 53.301 | 0.172 | 0.323 |

Identity 1: 9955 Identity 2: 3:05 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|---------|---------|
| Ba | 1 | 4.750 | 4.748 | 4.750 |
| Mg | 2 | 19.472 | 19.466 | 19.470 |
| V | 5 | 0.261 | 0.259 | 0.253 |
| Na | 6 | 3.067 | 3.061 | 3.063 |
| Al | 8 | 12.023 | 12.011 | 12.020 |
| Sb | 9 | -0.126 | -0.170 | -0.152 |
| Be | 10 | 0.111 | 0.108 | 0.104 |
| Ca | 11 | 366.464 | 366.093 | 365.778 |
| Cu | 13 | 2.170 | 2.173 | 2.154 |
| Ag | 14 | 0.070 | 0.072 | 0.070 |
| Pb | 15 | 2.399 | 2.407 | 2.389 |
| Cd | 16 | 0.150 | 0.171 | 0.180 |
| Co | 17 | 0.111 | 0.118 | 0.072 |
| Ni | 18 | 0.202 | 0.204 | 0.197 |
| K | 19 | 0.361 | 0.357 | 0.361 |
| Mn | 20 | 34.259 | 34.104 | 34.210 |
| Fe | 21 | 481.751 | 480.867 | 480.794 |
| Cr | 24 | 0.685 | 0.674 | 0.678 |
| Zn | 28 | 53.181 | 53.223 | 53.498 |

Identity 1: 9955 Identity 2: 3:05 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.357 | 25.807 | 0.053 | 2.008 | 24.935 | -0.014 | 0.000 | 121.459 |
| S.D. | 0.000 | 0.004 | 0.001 | 0.004 | 0.013 | 0.009 | 0.000 | 0.114 |
| 1 R.S.D. | 0.025 | 0.016 | 1.756 | 0.222 | 0.052 | 65.622 | 52.695 | 0.094 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.373 | 0.009 | 1.575 | -0.008 | 0.011 | 0.080 | 2.645 | 1.079 |
| S.D. | 0.002 | 0.001 | 0.006 | 0.002 | 0.005 | 0.002 | 0.015 | 0.003 |
| 1 R.S.D. | 0.487 | 7.342 | 0.379 | 25.971 | 41.777 | 1.932 | 0.553 | 0.233 |

Fe

Cr

Zn

| | (ppm) | (ppm) | (ppm) |
|----------|--------|-------|-------|
| Mean | 62.087 | 0.155 | 2.068 |
| S.D. | 0.069 | 0.001 | 0.007 |
| % R.S.D. | 0.111 | 0.822 | 0.325 |

On-Peak Counts Output 3:08 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses | | |
|---------|---------|--------------------|---------|---------|
| Ba | 1 | 8.316 | 8.328 | 8.321 |
| Mg | 2 | 41.219 | 41.332 | 41.323 |
| V | 5 | 2.826 | 2.836 | 2.826 |
| Na | 6 | 5.334 | 5.341 | 5.349 |
| Al | 8 | 19.563 | 19.593 | 19.582 |
| Sb | 9 | 2.483 | 2.539 | 2.523 |
| Be | 10 | 1.585 | 1.590 | 1.580 |
| Ca | 11 | 692.388 | 695.336 | 694.812 |
| Cu | 13 | 30.981 | 31.057 | 31.065 |
| Ag | 14 | 2.251 | 2.248 | 2.248 |
| Pb | 15 | 5.119 | 5.209 | 5.140 |
| Cd | 16 | 1.444 | 1.466 | 1.463 |
| Co | 17 | 1.826 | 1.810 | 1.814 |
| Ni | 18 | 1.685 | 1.655 | 1.688 |
| K | 19 | 2.307 | 2.313 | 2.309 |
| Mn | 20 | 151.386 | 152.113 | 151.801 |
| Fe | 21 | 495.145 | 496.716 | 494.966 |
| Cr | 24 | 2.610 | 2.616 | 2.605 |
| Zn | 28 | 61.885 | 62.402 | 62.524 |

Background Counts Output 3:08 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses | |
|---------|---------|-----------------------|--|
| Ba | 1 B62 | 1.735 | |
| Mg | 2 B62 | 2.786 | |
| V | 5 B62 | 2.570 | |
| Na | 6 B61 | 1.202 | |
| Al | 8 B61 | 1.676 | |
| Sb | 9 B61 | 2.405 | |
| Sb | 9 B62 | 2.845 | |
| Be | 10 B61 | 1.378 | |
| Ca | 11 B62 | 5.568 | |
| Cu | 13 B61 | 2.817 | |
| Ag | 14 B61 | 2.185 | |
| Pb | 15 B61 | 2.110 | |

| | | |
|----|--------|-------|
| Pb | 15 B62 | 1.984 |
| Cd | 16 B62 | 1.312 |

| | | |
|----|--------|-------|
| Co | 17 B62 | 1.689 |
| Ni | 18 B61 | 1.445 |
| K | 19 B61 | 1.662 |
| Mn | 20 B61 | 1.890 |
| Fe | 21 B61 | 2.298 |
| Cr | 24 B62 | 2.019 |
| Zn | 28 B62 | 1.601 |

Corrected Counts Statistics 3:08 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|--------|
| Ba | 1 | 6.587 | 0.006 | 0.092 |
| Mg | 2 | 38.505 | 0.063 | 0.163 |
| V | 5 | 0.259 | 0.006 | 2.226 |
| Na | 6 | 4.139 | 0.008 | 0.181 |
| Al | 8 | 17.903 | 0.015 | 0.085 |
| Sb | 9 | -0.118 | 0.029 | 24.530 |
| Be | 10 | 0.207 | 0.005 | 2.415 |
| Ca | 11 | 688.611 | 1.573 | 0.228 |
| Cu | 13 | 28.217 | 0.046 | 0.164 |
| Ag | 14 | 0.064 | 0.002 | 2.706 |
| Pb | 15 | 3.109 | 0.047 | 1.514 |
| Cd | 16 | 0.146 | 0.012 | 8.190 |
| Co | 17 | 0.128 | 0.008 | 6.522 |
| Ni | 18 | 0.231 | 0.018 | 7.900 |
| K | 19 | 0.648 | 0.003 | 0.472 |
| Mn | 20 | 149.877 | 0.365 | 0.243 |
| Fe | 21 | 493.311 | 0.963 | 0.195 |
| Cr | 24 | 0.591 | 0.006 | 0.931 |
| Zn | 28 | 60.669 | 0.339 | 0.559 |

Identity 1: 9956 Identity 2: 3:08 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | | |
|-----------------|------------------|---------|---------|---------|
| Ba | 1 | 6.581 | 6.593 | 6.586 |
| Mg | 2 | 38.433 | 38.546 | 38.537 |
| V | 5 | 0.256 | 0.266 | 0.256 |
| Na | 6 | 4.132 | 4.139 | 4.147 |
| Al | 8 | 17.887 | 17.917 | 17.906 |
| Sb | 9 | -0.150 | -0.094 | -0.110 |
| Be | 10 | 0.207 | 0.212 | 0.202 |
| Ca | 11 | 686.820 | 689.768 | 689.244 |
| Cu | 13 | 28.164 | 28.240 | 28.248 |
| Ag | 14 | 0.066 | 0.063 | 0.063 |

| | | | | |
|----|----|-------|-------|-------|
| Pb | 15 | 3.072 | 3.162 | 3.093 |
| Cd | 16 | 0.132 | 0.154 | 0.151 |

| | | | | |
|----|----|---------|---------|---------|
| Co | 17 | 0.137 | 0.121 | 0.125 |
| Ni | 18 | 0.240 | 0.210 | 0.243 |
| K | 19 | 0.645 | 0.651 | 0.647 |
| Mn | 20 | 149.496 | 150.223 | 149.911 |
| Fe | 21 | 492.847 | 494.418 | 492.668 |
| Cr | 24 | 0.591 | 0.597 | 0.586 |
| Zn | 28 | 60.284 | 60.801 | 60.923 |

Identity 1: 9956 Identity 2: 3:08 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.496 | 51.111 | 0.053 | 3.579 | 37.259 | -0.001 | 0.003 | 228.535 |
| S.D. | 0.000 | 0.083 | 0.001 | 0.011 | 0.032 | 0.012 | 0.000 | 0.522 |
| % R.S.D. | 0.092 | 0.163 | 2.417 | 0.306 | 0.085 | 1643.131 | 4.717 | 0.228 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 5.005 | 0.005 | 2.046 | -0.012 | 0.016 | 0.093 | 4.468 | 4.752 |
| S.D. | 0.008 | 0.001 | 0.031 | 0.002 | 0.002 | 0.008 | 0.019 | 0.012 |
| % R.S.D. | 0.165 | 19.118 | 1.524 | 13.352 | 9.608 | 8.422 | 0.433 | 0.244 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 63.658 | 0.135 | 2.355 |
| S.D. | 0.124 | 0.001 | 0.013 |
| % R.S.D. | 0.195 | 0.933 | 0.562 |

On-Peak Counts Output 3:11 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|-----------------|
| Ba | 1 | 9.805 | 9.810 9.707 |
| Mg | 2 | 15.760 | 15.768 15.598 |
| V | 5 | 2.831 | 2.832 2.840 |
| Na | 6 | 4.874 | 4.877 4.861 |
| Al | 8 | 12.803 | 12.800 12.665 |
| Sb | 9 | 2.484 | 2.540 2.546 |
| Be | 10 | 1.470 | 1.465 1.469 |
| Ca | 11 | 871.191 | 872.227 861.129 |
| Cu | 13 | 6.925 | 6.914 6.875 |
| Ag | 14 | 2.251 | 2.254 2.261 |
| Pb | 15 | 8.898 | 8.835 8.658 |
| Cd | 16 | 1.429 | 1.419 1.432 |
| Co | 17 | 1.819 | 1.808 1.820 |

| | | | |
|----|----|-------|-------------|
| Ni | 18 | 2.465 | 2.456 2.474 |
| K | 19 | 1.988 | 1.989 1.993 |

| | | | | |
|----|----|---------|---------|---------|
| Mn | 20 | 33.175 | 33.206 | 32.843 |
| Fe | 21 | 458.727 | 459.761 | 453.545 |
| Cr | 24 | 2.951 | 2.965 | 2.955 |
| Zn | 28 | 77.882 | 77.737 | 77.183 |

Background Counts Output 3:11 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

| | | |
|----|--------|-------|
| Ba | 1 BG2 | 1.736 |
| Mg | 2 BG2 | 2.591 |
| V | 5 BG2 | 2.580 |
| Na | 6 BG1 | 1.204 |
| Al | 8 BG1 | 1.645 |
| Sb | 9 BG1 | 2.393 |
| Sb | 9 BG2 | 2.764 |
| Be | 10 BG1 | 1.343 |
| Ca | 11 BG2 | 6.250 |
| Cu | 13 BG1 | 2.598 |
| Ag | 14 BG1 | 2.185 |
| Pb | 15 BG1 | 2.085 |
| Pb | 15 BG2 | 1.975 |
| Cd | 16 BG2 | 1.310 |
| Co | 17 BG2 | 1.723 |
| Ni | 18 BG1 | 1.419 |
| K | 19 BG1 | 1.662 |
| Mn | 20 BG1 | 1.563 |
| Fe | 21 BG1 | 2.271 |
| Cr | 24 BG2 | 2.010 |
| Zn | 28 BG2 | 1.586 |

Corrected Counts Statistics 3:11 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses ZR.S.D. Kpulses

| | | | | |
|----|----|---------|-------|--------|
| Ba | 1 | 8.038 | 0.058 | 0.723 |
| Mg | 2 | 13.118 | 0.096 | 0.731 |
| V | 5 | 0.254 | 0.005 | 1.940 |
| Na | 6 | 3.667 | 0.009 | 0.232 |
| Al | 8 | 11.111 | 0.079 | 0.709 |
| Sb | 9 | -0.062 | 0.034 | 55.545 |
| Be | 10 | 0.125 | 0.003 | 2.117 |
| Ca | 11 | 861.932 | 6.130 | 0.711 |
| Cu | 13 | 4.307 | 0.026 | 0.610 |
| Ag | 14 | 0.070 | 0.005 | 7.296 |
| Pb | 15 | 6.767 | 0.124 | 1.839 |

| | | | | |
|----|----|-------|-------|-------|
| Cd | 16 | 0.117 | 0.007 | 5.834 |
| Co | 17 | 0.093 | 0.007 | 7.185 |

| | | | | |
|----|----|---------|-------|-------|
| Ni | 18 | 1.046 | 0.009 | 0.860 |
| K | 19 | 0.328 | 0.003 | 0.807 |
| Mn | 20 | 31.512 | 0.201 | 0.639 |
| Fe | 21 | 455.073 | 3.331 | 0.732 |
| Cr | 24 | 0.947 | 0.007 | 0.761 |
| Zn | 28 | 76.015 | 0.369 | 0.485 |

Identity 1: 9957 Identity 2: 3:11 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|---------|---------|
| Ba | 1 | 8.069 | 8.074 | 7.971 |
| Mg | 2 | 13.169 | 13.177 | 13.007 |
| V | 5 | 0.251 | 0.252 | 0.260 |
| Na | 6 | 3.670 | 3.673 | 3.657 |
| Al | 8 | 11.158 | 11.155 | 11.020 |
| Sb | 9 | -0.101 | -0.045 | -0.039 |
| Be | 10 | 0.127 | 0.122 | 0.126 |
| Ca | 11 | 864.941 | 865.977 | 854.879 |
| Cu | 13 | 4.327 | 4.316 | 4.277 |
| Ag | 14 | 0.066 | 0.069 | 0.076 |
| Pb | 15 | 6.868 | 6.805 | 6.628 |
| Cd | 16 | 0.119 | 0.109 | 0.122 |
| Co | 17 | 0.096 | 0.085 | 0.097 |
| Ni | 18 | 1.046 | 1.037 | 1.055 |
| K | 19 | 0.326 | 0.327 | 0.331 |
| Mn | 20 | 31.612 | 31.643 | 31.280 |
| Fe | 21 | 456.456 | 457.490 | 451.274 |
| Cr | 24 | 0.941 | 0.955 | 0.945 |
| Zn | 28 | 76.296 | 76.151 | 75.597 |

Identity 1: 9957 Identity 2: 3:11 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.606 | 17.364 | 0.052 | 2.889 | 23.035 | 0.023 | 0.001 | 286.081 |
| S.D. | 0.004 | 0.128 | 0.001 | 0.012 | 0.165 | 0.015 | 0.000 | 2.035 |
| % R.S.D. | 0.727 | 0.734 | 2.146 | 0.430 | 0.717 | 63.013 | 11.025 | 0.711 |
| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
| Mean | 0.753 | 0.009 | 4.473 | -0.013 | 0.009 | 0.441 | 2.444 | 0.994 |
| S.D. | 0.005 | 0.003 | 0.082 | 0.001 | 0.001 | 0.004 | 0.017 | 0.006 |
| % R.S.D. | 0.620 | 33.337 | 1.842 | 8.327 | 12.888 | 0.872 | 0.685 | 0.639 |
| | Fe (ppm) | Cr (ppm) | Zn (ppm) | | | | | |
| Mean | 58.723 | 0.216 | 2.953 | | | | | |

S.D. 0.430 0.002 0.014
 % R.S.D. 0.732 0.763 0.485

On-Peak Counts Output 3:14 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses | | |
|---------|---------|-------------------|---------|---------|
| Ba | 1 | 4.764 | 4.777 | 4.782 |
| Mg | 2 | 17.089 | 17.094 | 17.159 |
| V | 5 | 2.747 | 2.743 | 2.738 |
| Na | 6 | 3.945 | 3.935 | 3.931 |
| Al | 8 | 9.818 | 9.846 | 9.850 |
| Sb | 9 | 2.374 | 2.408 | 2.400 |
| Be | 10 | 1.451 | 1.447 | 1.445 |
| Ca | 11 | 274.527 | 274.439 | 275.236 |
| Cu | 13 | 3.964 | 3.956 | 3.963 |
| Ag | 14 | 2.238 | 2.239 | 2.233 |
| Pb | 15 | 2.848 | 2.827 | 2.867 |
| Cd | 16 | 1.436 | 1.398 | 1.419 |
| Co | 17 | 1.766 | 1.792 | 1.781 |
| Ni | 18 | 1.558 | 1.519 | 1.563 |
| K | 19 | 1.987 | 1.990 | 1.983 |
| Mn | 20 | 22.879 | 22.877 | 22.843 |
| Fe | 21 | 307.488 | 307.798 | 308.957 |
| Cr | 24 | 2.380 | 2.375 | 2.365 |
| Zn | 28 | 27.729 | 27.717 | 27.652 |

Background Counts Output 3:14 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ba | 1 BG2 | 1.739 | |
| Mg | 2 BG2 | 2.575 | |
| V | 5 BG2 | 2.557 | |
| Na | 6 BG1 | 1.199 | |
| Al | 8 BG1 | 1.592 | |
| Sb | 9 BG1 | 2.379 | |
| Sb | 9 BG2 | 2.695 | |
| Be | 10 BG1 | 1.324 | |
| Ca | 11 BG2 | 3.949 | |
| Cu | 13 BG1 | 2.471 | |
| Ag | 14 BG1 | 2.165 | |
| Pb | 15 BG1 | 1.998 | |
| Pb | 15 BG2 | 1.960 | |
| Cd | 16 BG2 | 1.272 | |

| | | |
|----|--------|-------|
| Co | 17 BG2 | 1.681 |
| Ni | 18 BG1 | 1.403 |

| | | |
|----|--------|-------|
| K | 19 B61 | 1.655 |
| Mn | 20 B61 | 1.524 |
| Fe | 21 B61 | 2.079 |
| Cr | 24 B62 | 1.970 |
| Zn | 28 B62 | 1.526 |

Corrected Counts Statistics 3:14 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | XR.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|--------|
| Ba | 1 | 3.035 | 0.009 | 0.306 |
| Mg | 2 | 14.539 | 0.039 | 0.269 |
| V | 5 | 0.186 | 0.005 | 2.429 |
| Na | 6 | 2.738 | 0.007 | 0.263 |
| Al | 8 | 8.246 | 0.017 | 0.211 |
| Sb | 9 | -0.148 | 0.018 | 11.975 |
| Be | 10 | 0.124 | 0.003 | 2.470 |
| Ca | 11 | 270.785 | 0.437 | 0.161 |
| Cu | 13 | 1.490 | 0.004 | 0.293 |
| Ag | 14 | 0.072 | 0.003 | 4.485 |
| Pb | 15 | 0.868 | 0.020 | 2.304 |
| Cd | 16 | 0.146 | 0.019 | 13.068 |
| Co | 17 | 0.099 | 0.013 | 13.228 |
| Ni | 18 | 0.144 | 0.024 | 16.768 |
| K | 19 | 0.332 | 0.004 | 1.059 |
| Mn | 20 | 21.342 | 0.020 | 0.095 |
| Fe | 21 | 306.002 | 0.774 | 0.253 |
| Cr | 24 | 0.403 | 0.008 | 1.894 |
| Zn | 28 | 26.173 | 0.041 | 0.158 |

Identity 1: 9958 Identity 2: 3:15 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | | |
|-----------------|------------------|---------|---------|---------|
| Ba | 1 | 3.025 | 3.038 | 3.043 |
| Mg | 2 | 14.514 | 14.519 | 14.584 |
| V | 5 | 0.190 | 0.186 | 0.181 |
| Na | 6 | 2.746 | 2.736 | 2.732 |
| Al | 8 | 8.226 | 8.254 | 8.258 |
| Sb | 9 | -0.168 | -0.134 | -0.142 |
| Be | 10 | 0.127 | 0.123 | 0.121 |
| Ca | 11 | 270.578 | 270.490 | 271.287 |
| Cu | 13 | 1.493 | 1.485 | 1.492 |
| Ag | 14 | 0.073 | 0.074 | 0.068 |
| Pb | 15 | 0.869 | 0.848 | 0.888 |
| Cd | 16 | 0.164 | 0.126 | 0.147 |

| | | | | |
|----|----|-------|-------|-------|
| Co | 17 | 0.085 | 0.111 | 0.100 |
| Ni | 18 | 0.155 | 0.116 | 0.160 |

| | | | | |
|----|----|---------|---------|---------|
| K | 19 | 0.332 | 0.335 | 0.328 |
| Mn | 20 | 21.355 | 21.353 | 21.319 |
| Fe | 21 | 305.409 | 305.719 | 306.878 |
| Cr | 24 | 0.410 | 0.405 | 0.395 |
| Zn | 28 | 26.203 | 26.191 | 26.126 |

Identity 1: 9958 Identity 2: 3:15 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.227 | 19.254 | 0.038 | 1.532 | 17.036 | -0.014 | 0.001 | 89.808 |
| S.D. | 0.001 | 0.052 | 0.001 | 0.011 | 0.037 | 0.008 | 0.000 | 0.145 |
| % R.S.D. | 0.311 | 0.270 | 2.677 | 0.687 | 0.214 | 54.500 | 13.479 | 0.162 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.252 | 0.010 | 0.567 | 0.001 | 0.011 | 0.055 | 2.467 | 0.673 |
| S.D. | 0.001 | 0.002 | 0.013 | 0.003 | 0.002 | 0.010 | 0.022 | 0.001 |
| % R.S.D. | 0.307 | 19.218 | 2.335 | 470.968 | 22.634 | 18.627 | 0.901 | 0.097 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 39.485 | 0.092 | 1.014 |
| S.D. | 0.100 | 0.002 | 0.002 |
| % R.S.D. | 0.253 | 1.900 | 0.162 |

On-Peak Counts Output 3:17 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|-----------------|
| Ba | 1 | 117.647 | 117.049 117.420 |
| Mg | 2 | 92.471 | 92.007 92.254 |
| V | 5 | 48.886 | 48.636 48.760 |
| Na | 6 | 73.716 | 73.324 73.674 |
| Al | 8 | 14.419 | 14.368 14.404 |
| Sb | 9 | 32.835 | 32.775 32.875 |
| Be | 10 | 141.183 | 140.333 140.621 |
| Ca | 11 | 554.147 | 551.856 553.290 |
| Cu | 13 | 51.638 | 51.461 51.614 |
| Ag | 14 | 2.859 | 2.859 2.855 |
| Pb | 15 | 15.757 | 15.710 15.578 |
| Cd | 16 | 32.445 | 32.432 32.367 |
| Co | 17 | 48.031 | 48.062 48.201 |
| Ni | 18 | 21.509 | 21.488 21.576 |
| K | 19 | 18.239 | 18.154 18.176 |

| | | | | |
|----|----|---------|---------|---------|
| Mn | 20 | 288.862 | 286.987 | 287.821 |
| Fe | 21 | 357.137 | 356.222 | 357.427 |

| | | | | |
|----|----|---------|---------|---------|
| Cr | 24 | 46.397 | 46.152 | 46.299 |
| Zn | 28 | 241.689 | 241.044 | 240.552 |

Background Counts Output 3:17 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | |
|----|--------|--------|
| Ba | 1 BG2 | 1.794 |
| Mg | 2 BG2 | 3.128 |
| V | 5 BG2 | 2.625 |
| Na | 6 BG1 | 1.282 |
| Al | 8 BG1 | 1.773 |
| Sb | 9 BG1 | 2.685 |
| Sb | 9 BG2 | 14.898 |
| Be | 10 BG1 | 2.889 |
| Ca | 11 BG2 | 5.043 |
| Cu | 13 BG1 | 2.539 |
| Ag | 14 BG1 | 2.262 |
| Pb | 15 BG1 | 2.170 |
| Pb | 15 BG2 | 2.104 |
| Cd | 16 BG2 | 1.542 |
| Co | 17 BG2 | 1.835 |
| Ni | 18 BG1 | 1.539 |
| K | 19 BG1 | 1.675 |
| Mn | 20 BG1 | 2.261 |
| Fe | 21 BG1 | 2.232 |
| Cr | 24 BG2 | 2.096 |
| Zn | 28 BG2 | 1.693 |

Corrected Counts Statistics 3:17 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|---------|-------|-------|
| Ba | 1 | 115.578 | 0.302 | 0.261 |
| Mg | 2 | 89.116 | 0.232 | 0.261 |
| V | 5 | 46.136 | 0.125 | 0.271 |
| Na | 6 | 72.289 | 0.215 | 0.298 |
| Al | 8 | 12.624 | 0.026 | 0.208 |
| Sb | 9 | 23.826 | 0.050 | 0.211 |
| Be | 10 | 137.823 | 0.432 | 0.314 |
| Ca | 11 | 548.055 | 1.158 | 0.211 |
| Cu | 13 | 49.032 | 0.096 | 0.196 |
| Ag | 14 | 0.596 | 0.002 | 0.388 |
| Pb | 15 | 13.545 | 0.093 | 0.685 |
| Cd | 16 | 30.873 | 0.042 | 0.135 |
| Co | 17 | 46.263 | 0.091 | 0.196 |

| | | | | |
|----|----|--------|-------|-------|
| Ni | 18 | 19.985 | 0.046 | 0.230 |
| K | 19 | 16.515 | 0.044 | 0.267 |

| | | | | |
|----|----|---------|-------|-------|
| Mn | 20 | 285.629 | 0.939 | 0.329 |
| Fe | 21 | 354.697 | 0.629 | 0.177 |
| Cr | 24 | 44.187 | 0.123 | 0.279 |
| Zn | 28 | 239.402 | 0.570 | 0.238 |

Identity 1: +icl Identity 2: 3:16 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|---------|---------|
| Ba | 1 | 115.853 | 115.255 | 115.626 |
| Mg | 2 | 89.343 | 88.879 | 89.126 |
| V | 5 | 46.261 | 46.011 | 46.135 |
| Na | 6 | 72.434 | 72.042 | 72.392 |
| Al | 8 | 12.646 | 12.595 | 12.631 |
| Sb | 9 | 23.833 | 23.773 | 23.873 |
| Be | 10 | 138.294 | 137.444 | 137.732 |
| Ca | 11 | 549.104 | 546.813 | 548.247 |
| Cu | 13 | 49.099 | 48.922 | 49.075 |
| Ag | 14 | 0.597 | 0.597 | 0.593 |
| Pb | 15 | 13.620 | 13.573 | 13.441 |
| Cd | 16 | 30.903 | 30.890 | 30.825 |
| Co | 17 | 46.196 | 46.227 | 46.366 |
| Ni | 18 | 19.970 | 19.949 | 20.037 |
| K | 19 | 16.564 | 16.479 | 16.501 |
| Mn | 20 | 286.601 | 284.726 | 285.560 |
| Fe | 21 | 354.905 | 353.990 | 355.195 |
| Cr | 24 | 44.301 | 44.056 | 44.203 |
| Zn | 28 | 239.996 | 239.351 | 238.859 |

Identity 1: +icl Identity 2: 3:18 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 8.763 | 118.387 | 10.303 | 103.105 | 26.204 | 10.262 | 3.371 | 181.867 |
| S.D. | 0.023 | 0.309 | 0.028 | 0.314 | 0.055 | 0.022 | 0.011 | 0.384 |
| % R.S.D. | 0.261 | 0.261 | 0.271 | 0.305 | 0.209 | 0.210 | 0.314 | 0.211 |
| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
| Mean | 8.706 | 0.317 | 8.971 | 4.177 | 8.480 | 8.536 | 104.940 | 9.063 |
| S.D. | 0.017 | 0.001 | 0.062 | 0.006 | 0.017 | 0.020 | 0.279 | 0.030 |
| % R.S.D. | 0.196 | 0.427 | 0.686 | 0.137 | 0.196 | 0.230 | 0.266 | 0.329 |
| | Fe (ppm) | Cr (ppm) | Zn (ppm) | | | | | |
| Mean | 45.769 | 10.097 | 9.295 | | | | | |

S.D. 0.081 0.028 0.022
% R.S.D. 0.177 0.279 0.240

 On-Peak Counts Output 3:21 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses | | |
|---------|---------|--------------------|---------|---------|
| Ba | 1 | 69.978 | 68.813 | 69.069 |
| Mg | 2 | 41.597 | 40.938 | 41.075 |
| V | 5 | 25.641 | 25.276 | 25.327 |
| Na | 6 | 38.198 | 37.626 | 37.781 |
| Al | 8 | 4.255 | 4.231 | 4.230 |
| Sb | 9 | 17.610 | 17.188 | 17.463 |
| Be | 10 | 86.536 | 85.044 | 85.218 |
| Ca | 11 | 210.045 | 206.794 | 207.399 |
| Cu | 13 | 31.314 | 30.884 | 31.015 |
| Ag | 14 | 4.413 | 4.390 | 4.394 |
| Pb | 15 | 9.718 | 9.598 | 9.606 |
| Cd | 16 | 20.352 | 19.953 | 20.001 |
| Co | 17 | 29.739 | 29.205 | 29.360 |
| Ni | 18 | 13.568 | 13.307 | 13.327 |
| K | 19 | 9.778 | 9.650 | 9.661 |
| Mn | 20 | 164.511 | 161.467 | 162.077 |
| Fe | 21 | 43.068 | 42.377 | 42.417 |
| Cr | 24 | 24.429 | 24.091 | 24.156 |
| Zn | 28 | 134.662 | 132.811 | 133.499 |

 Background Counts Output 3:21 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ba | 1 BG2 | 1.767 | |
| Mg | 2 BG2 | 2.729 | |
| V | 5 BG2 | 2.574 | |
| Na | 6 BG1 | 1.240 | |
| Al | 8 BG1 | 1.640 | |
| Sb | 9 BG1 | 2.446 | |
| Sb | 9 BG2 | 8.643 | |
| Be | 10 BG1 | 2.230 | |
| Ca | 11 BG2 | 3.721 | |
| Cu | 13 BG1 | 2.285 | |
| Ag | 14 BG1 | 2.215 | |
| Pb | 15 BG1 | 2.033 | |
| Pb | 15 BG2 | 2.007 | |
| Cd | 16 BG2 | 1.433 | |
| Co | 17 BG2 | 1.736 | |
| Ni | 18 BG1 | 1.472 | |

K 19 BG1 1.673
 Mn 20 BG1 1.936

| | | | |
|----|----|-----|-------|
| Fe | 21 | RG1 | 1.972 |
| Cr | 24 | RG2 | 1.997 |
| Zn | 28 | RG2 | 1.610 |

Corrected Counts Statistics 3:21 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ba | 1 | 67.520 | 0.612 | 0.907 |
| Mg | 2 | 38.474 | 0.348 | 0.904 |
| V | 5 | 22.841 | 0.198 | 0.865 |
| Na | 6 | 36.628 | 0.296 | 0.808 |
| Al | 8 | 2.599 | 0.014 | 0.545 |
| Sb | 9 | 11.769 | 0.214 | 1.820 |
| Be | 10 | 83.369 | 0.816 | 0.979 |
| Ca | 11 | 204.358 | 1.729 | 0.846 |
| Cu | 13 | 28.786 | 0.220 | 0.766 |
| Ag | 14 | 2.184 | 0.012 | 0.563 |
| Pb | 15 | 7.621 | 0.067 | 0.880 |
| Cd | 16 | 18.669 | 0.218 | 1.167 |
| Co | 17 | 27.699 | 0.275 | 0.992 |
| Ni | 18 | 11.929 | 0.145 | 1.218 |
| K | 19 | 8.023 | 0.071 | 0.884 |
| Mn | 20 | 160.749 | 1.611 | 1.002 |
| Fe | 21 | 40.649 | 0.388 | 0.954 |
| Cr | 24 | 22.228 | 0.179 | 0.807 |
| Zn | 28 | 132.047 | 0.936 | 0.709 |

Identity 1: ccvp4 Identity 2: 3:21 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|---------|---------|
| Be | 1 | 68.211 | 67.046 | 67.302 |
| Mg | 2 | 38.868 | 38.209 | 38.346 |
| V | 5 | 23.067 | 22.702 | 22.753 |
| Na | 6 | 36.958 | 36.386 | 36.541 |
| Al | 8 | 2.615 | 2.591 | 2.590 |
| Sb | 9 | 11.959 | 11.537 | 11.812 |
| Be | 10 | 84.306 | 82.814 | 82.988 |
| Ca | 11 | 206.324 | 203.073 | 203.678 |
| Cu | 13 | 29.029 | 28.599 | 28.730 |
| Ag | 14 | 2.198 | 2.175 | 2.179 |
| Pb | 15 | 7.698 | 7.578 | 7.586 |
| Cd | 16 | 18.919 | 18.520 | 18.568 |
| Co | 17 | 28.003 | 27.469 | 27.624 |
| Ni | 18 | 12.096 | 11.835 | 11.855 |

| | | | | |
|----|----|---------|---------|---------|
| K | 19 | 8.105 | 7.977 | 7.988 |
| Mn | 20 | 162.575 | 159.531 | 160.141 |

| | | | | |
|----|----|---------|---------|---------|
| Fe | 21 | 41.096 | 40.405 | 40.445 |
| Cr | 24 | 22.432 | 22.094 | 22.159 |
| Zn | 28 | 133.052 | 131.201 | 131.889 |

Identity 1: ccvp4 Identity 2: 3:21 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 5.118 | 51.070 | 5.101 | 51.026 | 5.210 | 5.094 | 2.038 | 67.753 |
| S.D. | 0.046 | 0.462 | 0.044 | 0.432 | 0.030 | 0.092 | 0.020 | 0.574 |
| % R.S.D. | 0.907 | 0.905 | 0.866 | 0.847 | 0.569 | 1.802 | 0.980 | 0.847 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 5.106 | 1.249 | 5.055 | 2.538 | 5.074 | 5.093 | 51.172 | 5.101 |
| S.D. | 0.039 | 0.007 | 0.044 | 0.030 | 0.050 | 0.062 | 0.449 | 0.051 |
| % R.S.D. | 0.768 | 0.577 | 0.880 | 1.167 | 0.993 | 1.219 | 0.878 | 1.002 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 5.240 | 5.079 | 5.129 |
| S.D. | 0.050 | 0.041 | 0.036 |
| % R.S.D. | 0.955 | 0.807 | 0.707 |

On-Peak Counts Output 3:24 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| Ba | 1 | 1.819 | 1.823 |
| Mg | 2 | 2.511 | 2.504 |
| V | 5 | 2.548 | 2.553 |
| Na | 6 | 2.878 | 2.888 |
| Al | 8 | 1.655 | 1.654 |
| Sb | 9 | 2.360 | 2.374 |
| Be | 10 | 1.445 | 1.440 |
| Ca | 11 | 3.161 | 3.151 |
| Cu | 13 | 2.342 | 2.344 |
| Ag | 14 | 2.223 | 2.227 |
| Pb | 15 | 1.900 | 1.922 |
| Cd | 16 | 1.307 | 1.281 |
| Co | 17 | 1.677 | 1.666 |
| Ni | 18 | 1.376 | 1.408 |
| K | 19 | 1.597 | 1.601 |
| Mn | 20 | 1.590 | 1.570 |
| Fe | 21 | 2.083 | 2.094 |

| | | | | |
|----|----|-------|-------|-------|
| Cr | 24 | 1.937 | 1.956 | 1.937 |
| Zn | 28 | 1.606 | 1.645 | 1.589 |

 Background Counts Output 3:24 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
| Ba | 1 B62 | 1.734 |
| Mg | 2 B62 | 2.434 |
| V | 5 B62 | 2.527 |
| Na | 6 B61 | 1.200 |
| Al | 8 B61 | 1.542 |
| Sb | 9 B61 | 2.257 |
| Sb | 9 B62 | 2.632 |
| Be | 10 B61 | 1.294 |
| Ca | 11 B62 | 2.914 |
| Cu | 13 B61 | 2.250 |
| Ag | 14 B61 | 2.174 |
| Pb | 15 B61 | 1.918 |
| Pb | 15 B62 | 1.893 |
| Cd | 16 B62 | 1.300 |
| Co | 17 B62 | 1.664 |
| Ni | 18 B61 | 1.382 |
| K | 19 B61 | 1.658 |
| Mn | 20 B61 | 1.459 |
| Fe | 21 B61 | 1.971 |
| Cr | 24 B62 | 1.928 |
| Zn | 28 B62 | 1.546 |

Corrected Counts Statistics 3:24 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ba | 1 | 0.083 | 0.007 | 8.688 |
| Mg | 2 | 0.071 | 0.006 | 8.530 |
| V | 5 | 0.022 | 0.004 | 18.653 |
| Na | 6 | 1.678 | 0.011 | 0.626 |
| Al | 8 | 0.110 | 0.005 | 4.498 |
| Sb | 9 | -0.104 | 0.035 | 33.993 |
| Be | 10 | 0.146 | 0.006 | 3.781 |
| Ca | 11 | 0.234 | 0.015 | 6.295 |
| Cu | 13 | 0.088 | 0.008 | 9.220 |
| Ag | 14 | 0.048 | 0.006 | 11.600 |
| Pb | 15 | 0.009 | 0.012 | 140.639 |
| Cd | 16 | -0.007 | 0.013 | 195.768 |
| Co | 17 | 0.026 | 0.033 | 125.044 |
| Ni | 18 | 0.002 | 0.021 | 1058.301 |
| K | 19 | -0.060 | 0.003 | 5.064 |

| | | | | |
|----|----|-------|-------|--------|
| Mn | 20 | 0.107 | 0.026 | 24.514 |
| Fe | 21 | 0.115 | 0.007 | 6.087 |

| | | | | |
|----|----|-------|-------|--------|
| Cr | 24 | 0.015 | 0.011 | 71.541 |
| Zn | 28 | 0.067 | 0.029 | 42.640 |

Identity 1: ccb4 Identity 2: 3:24 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--------|--------|
| Ba | 1 | 0.085 | 0.089 | 0.075 |
| Mg | 2 | 0.077 | 0.070 | 0.065 |
| V | 5 | 0.021 | 0.026 | 0.018 |
| Na | 6 | 1.678 | 1.688 | 1.667 |
| Al | 8 | 0.113 | 0.112 | 0.104 |
| Sb | 9 | -0.091 | -0.077 | -0.144 |
| Be | 10 | 0.151 | 0.146 | 0.140 |
| Ca | 11 | 0.247 | 0.237 | 0.218 |
| Cu | 13 | 0.092 | 0.094 | 0.079 |
| Ag | 14 | 0.049 | 0.053 | 0.042 |
| Pb | 15 | -0.005 | 0.016 | 0.015 |
| Cd | 16 | 0.007 | -0.019 | -0.008 |
| Co | 17 | 0.013 | 0.002 | 0.063 |
| Ni | 18 | -0.006 | 0.026 | -0.014 |
| K | 19 | -0.061 | -0.057 | -0.063 |
| Mn | 20 | 0.131 | 0.111 | 0.079 |
| Fe | 21 | 0.112 | 0.123 | 0.110 |
| Cr | 24 | 0.009 | 0.028 | 0.009 |
| Zn | 28 | 0.060 | 0.099 | 0.043 |

Identity 1: ccb4 Identity 2: 3:24 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.003 | 0.021 | 0.003 | -0.016 | -0.003 | 0.005 | 0.001 | -0.020 |
| S.D. | 0.001 | 0.008 | 0.001 | 0.015 | 0.010 | 0.015 | 0.000 | 0.005 |
| % R.S.D. | 20.802 | 37.692 | 30.314 | 94.672 | 411.994 | 297.855 | 12.331 | 24.355 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.003 | -0.004 | 0.009 | 0.000 | -0.003 | -0.005 | -0.015 | 0.002 |
| S.D. | 0.001 | 0.003 | 0.008 | 0.002 | 0.006 | 0.009 | 0.019 | 0.001 |
| % R.S.D. | 45.279 | 80.224 | 90.927 | 1003.668 | 216.683 | 171.594 | 130.512 | 45.240 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 0.009 | 0.003 | 0.003 |
| S.D. | 0.001 | 0.003 | 0.001 |
| % R.S.D. | 10.553 | 78.355 | 36.641 |

On-Peak Counts Output 3:27 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses | | |
|---------|---------|--------------------|---------|---------|
| Ba | 1 | 5.029 | 5.033 | 5.019 |
| Mg | 2 | 18.198 | 18.260 | 18.160 |
| V | 5 | 2.769 | 2.759 | 2.768 |
| Na | 6 | 3.948 | 3.935 | 3.941 |
| Al | 8 | 10.451 | 10.472 | 10.441 |
| Sb | 9 | 2.409 | 2.383 | 2.426 |
| Be | 10 | 1.478 | 1.473 | 1.469 |
| Ca | 11 | 308.255 | 308.848 | 307.258 |
| Cu | 13 | 3.995 | 3.983 | 3.975 |
| Ag | 14 | 2.241 | 2.236 | 2.245 |
| Pb | 15 | 2.902 | 2.871 | 2.873 |
| Cd | 16 | 1.419 | 1.419 | 1.412 |
| Co | 17 | 1.791 | 1.763 | 1.781 |
| Ni | 18 | 1.563 | 1.554 | 1.524 |
| K | 19 | 2.032 | 2.027 | 2.030 |
| Mn | 20 | 26.607 | 26.901 | 26.586 |
| Fe | 21 | 330.114 | 331.434 | 328.482 |
| Cr | 24 | 2.415 | 2.391 | 2.406 |
| Zn | 28 | 28.231 | 28.181 | 28.144 |

Background Counts Output 3:27 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ba | 1 BG2 | 1.744 | |
| Mg | 2 BG2 | 2.588 | |
| V | 5 BG2 | 2.557 | |
| Na | 6 BG1 | 1.209 | |
| Al | 8 BG1 | 1.606 | |
| Sb | 9 BG1 | 2.420 | |
| Sb | 9 BG2 | 2.717 | |
| Be | 10 BG1 | 1.333 | |
| Ca | 11 BG2 | 4.098 | |
| Cu | 13 BG1 | 2.523 | |
| Ag | 14 BG1 | 2.182 | |
| Pb | 15 BG1 | 2.054 | |
| Pb | 15 BG2 | 1.971 | |
| Cd | 16 BG2 | 1.299 | |
| Co | 17 BG2 | 1.695 | |
| Ni | 18 BG1 | 1.401 | |
| K | 19 BG1 | 1.659 | |
| Mn | 20 BG1 | 1.563 | |

| | | | |
|----|--------|-------|--|
| Fe | 21 BG1 | 2.137 | |
| Cr | 24 BG2 | 1.968 | |

Zn 28 B62 1.563

Corrected Counts Statistics 3:27 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ba | 1 | 3.283 | 0.007 |
| Mg | 2 | 15.618 | 0.050 |
| V | 5 | 0.208 | 0.006 |
| Na | 6 | 2.732 | 0.007 |
| Al | 8 | 8.849 | 0.016 |
| Sb | 9 | -0.168 | 0.022 |
| Be | 10 | 0.140 | 0.005 |
| Ca | 11 | 304.022 | 0.804 |
| Cu | 13 | 1.461 | 0.010 |
| Ag | 14 | 0.059 | 0.005 |
| Pb | 15 | 0.870 | 0.017 |
| Cd | 16 | 0.118 | 0.004 |
| Co | 17 | 0.083 | 0.014 |
| Ni | 18 | 0.146 | 0.020 |
| K | 19 | 0.371 | 0.003 |
| Mn | 20 | 25.135 | 0.176 |
| Fe | 21 | 327.873 | 1.479 |
| Cr | 24 | 0.436 | 0.012 |
| Zn | 28 | 26.622 | 0.044 |

Identity 1: 9959 Identity 2: 3:27 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | | |
|-----------------|------------------|---------|---------|---------|
| Ba | 1 | 3.285 | 3.289 | 3.275 |
| Mg | 2 | 15.610 | 15.672 | 15.572 |
| V | 5 | 0.212 | 0.202 | 0.211 |
| Na | 6 | 2.739 | 2.726 | 2.732 |
| Al | 8 | 8.845 | 8.866 | 8.835 |
| Sb | 9 | -0.165 | -0.191 | -0.148 |
| Be | 10 | 0.145 | 0.140 | 0.136 |
| Ca | 11 | 304.157 | 304.750 | 303.160 |
| Cu | 13 | 1.472 | 1.460 | 1.452 |
| Ag | 14 | 0.059 | 0.054 | 0.063 |
| Pb | 15 | 0.890 | 0.859 | 0.861 |
| Cd | 16 | 0.120 | 0.120 | 0.113 |
| Co | 17 | 0.096 | 0.068 | 0.086 |
| Ni | 18 | 0.162 | 0.153 | 0.123 |
| K | 19 | 0.373 | 0.368 | 0.371 |
| Mn | 20 | 25.044 | 25.338 | 25.023 |

| | | | | |
|----|----|---------|---------|---------|
| Fe | 21 | 327.977 | 329.297 | 326.345 |
| Cr | 24 | 0.447 | 0.423 | 0.438 |

Zn 28 26.668 26.618 26.581

Identity 1: 9959 Identity 2: 3:27 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.245 | 20.688 | 0.043 | 1.524 | 18.298 | -0.022 | 0.001 | 100.844 |
| S.D. | 0.001 | 0.067 | 0.001 | 0.010 | 0.033 | 0.009 | 0.000 | 0.267 |
| % R.S.D. | 0.223 | 0.324 | 2.896 | 0.623 | 0.181 | 41.816 | 11.465 | 0.265 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.247 | 0.002 | 0.567 | -0.005 | 0.008 | 0.056 | 2.714 | 0.793 |
| S.D. | 0.002 | 0.003 | 0.012 | 0.000 | 0.003 | 0.009 | 0.016 | 0.006 |
| % R.S.D. | 0.724 | 121.010 | 2.028 | 9.843 | 33.521 | 15.509 | 0.587 | 0.703 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 42.307 | 0.099 | 1.031 |
| S.D. | 0.191 | 0.003 | 0.002 |
| % R.S.D. | 0.451 | 2.789 | 0.161 |

On-Peak Counts Output 3:30 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| Ba | 1 | 33.381 | 33.616 |
| Mg | 2 | 17.313 | 17.428 |
| V | 5 | 5.114 | 5.114 |
| Na | 6 | 3.946 | 3.944 |
| Al | 8 | 10.205 | 10.277 |
| Sb | 9 | 3.439 | 3.451 |
| Be | 10 | 3.562 | 3.572 |
| Ca | 11 | 250.606 | 252.126 |
| Cu | 13 | 5.484 | 5.503 |
| Ag | 14 | 2.431 | 2.426 |
| Pb | 15 | 3.470 | 3.492 |
| Cd | 16 | 1.803 | 1.789 |
| Co | 17 | 4.610 | 4.713 |
| Ni | 18 | 2.746 | 2.739 |
| K | 19 | 2.038 | 2.040 |
| Mn | 20 | 40.701 | 40.857 |
| Fe | 21 | 294.731 | 296.517 |
| Cr | 24 | 3.281 | 3.293 |
| Zn | 28 | 37.010 | 37.157 |

Background Counts Output 3:30 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
| Ba | 1 BG2 | 1.745 |
| Mg | 2 BG2 | 2.563 |
| V | 5 BG2 | 2.548 |
| Na | 6 BG1 | 1.212 |
| Al | 8 BG1 | 1.615 |
| Sb | 9 BG1 | 2.385 |
| Be | 9 BG2 | 3.329 |
| Re | 10 BG1 | 1.355 |
| Ca | 11 BG2 | 3.865 |
| Cu | 13 BG1 | 2.502 |
| Ag | 14 BG1 | 2.186 |
| Pb | 15 BG1 | 2.022 |
| Pb | 15 BG2 | 1.962 |
| Cd | 16 BG2 | 1.273 |
| Co | 17 BG2 | 1.688 |
| Ni | 18 BG1 | 1.393 |
| K | 19 BG1 | 1.663 |
| Mn | 20 BG1 | 1.585 |
| Fe | 21 BG1 | 2.101 |
| Cr | 24 BG2 | 1.954 |
| Zn | 28 BG2 | 1.572 |

Corrected Counts Statistics 3:30 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ba | 1 | 31.713 | 0.137 | 0.431 |
| Mg | 2 | 14.789 | 0.066 | 0.443 |
| V | 5 | 2.564 | 0.003 | 0.113 |
| Na | 6 | 2.732 | 0.002 | 0.056 |
| Al | 8 | 8.615 | 0.040 | 0.470 |
| Sb | 9 | 0.581 | 0.017 | 2.968 |
| Be | 10 | 2.210 | 0.006 | 0.275 |
| Ca | 11 | 247.190 | 0.931 | 0.377 |
| Cu | 13 | 2.986 | 0.013 | 0.437 |
| Ag | 14 | 0.245 | 0.005 | 1.843 |
| Pb | 15 | 1.491 | 0.012 | 0.786 |
| Cd | 16 | 0.526 | 0.008 | 1.595 |
| Co | 17 | 2.945 | 0.072 | 2.436 |
| Ni | 18 | 1.355 | 0.011 | 0.789 |
| K | 19 | 0.377 | 0.002 | 0.406 |
| Mn | 20 | 39.145 | 0.115 | 0.294 |
| Fe | 21 | 293.225 | 1.031 | 0.352 |
| Cr | 24 | 1.330 | 0.008 | 0.626 |
| Zn | 28 | 35.531 | 0.081 | 0.228 |

 Identity 1: 9960 Identity 2: 3:31 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts | |
|---------|---------|-----------|---------|---------|
| Ba | 1 | 31.636 | 31.871 | 31.633 |
| Mg | 2 | 14.750 | 14.865 | 14.753 |
| V | 5 | 2.566 | 2.566 | 2.561 |
| Na | 6 | 2.734 | 2.732 | 2.731 |
| Al | 8 | 8.590 | 8.662 | 8.594 |
| Sb | 9 | 0.566 | 0.578 | 0.600 |
| Be | 10 | 2.207 | 2.217 | 2.206 |
| Ca | 11 | 246.741 | 248.261 | 246.569 |
| Cu | 13 | 2.982 | 3.001 | 2.976 |
| Ag | 14 | 0.245 | 0.240 | 0.249 |
| Pb | 15 | 1.478 | 1.500 | 1.496 |
| Cd | 16 | 0.530 | 0.516 | 0.531 |
| Co | 17 | 2.922 | 3.025 | 2.887 |
| Ni | 18 | 1.353 | 1.346 | 1.367 |
| K | 19 | 0.375 | 0.377 | 0.378 |
| Mn | 20 | 39.116 | 39.272 | 39.047 |
| Fe | 21 | 292.630 | 294.416 | 292.630 |
| Cr | 24 | 1.327 | 1.339 | 1.323 |
| Zn | 28 | 35.438 | 35.585 | 35.571 |

Identity 1: 9960 Identity 2: 3:31 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 2.402 | 19.586 | 0.569 | 1.524 | 17.809 | 0.299 | 0.052 | 81.974 |
| S.D. | 0.010 | 0.087 | 0.001 | 0.002 | 0.085 | 0.007 | 0.000 | 0.309 |
| % R.S.D. | 0.431 | 0.445 | 0.113 | 0.146 | 0.476 | 2.474 | 0.288 | 0.377 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.518 | 0.111 | 0.981 | 0.053 | 0.533 | 0.573 | 2.752 | 1.238 |
| S.D. | 0.002 | 0.003 | 0.008 | 0.001 | 0.013 | 0.005 | 0.010 | 0.004 |
| % R.S.D. | 0.448 | 2.377 | 0.790 | 2.278 | 2.471 | 0.797 | 0.351 | 0.295 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 37.836 | 0.304 | 1.377 |
| S.D. | 0.133 | 0.002 | 0.003 |
| % R.S.D. | 0.352 | 0.627 | 0.229 |

On-Peak Counts Output 3:34 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses | |
|---------|---------|---------|---------|---------|
| Ba | 1 | 3.176 | 3.162 | 3.165 |
| Mg | 2 | 5.033 | 5.020 | 5.014 |
| V | 5 | 2.554 | 2.567 | 2.558 |
| Na | 6 | 3.240 | 3.259 | 3.265 |
| Al | 8 | 3.540 | 3.519 | 3.512 |
| Sb | 9 | 2.293 | 2.327 | 2.320 |
| Be | 10 | 1.408 | 1.405 | 1.400 |
| Ca | 11 | 24.025 | 23.747 | 23.790 |
| Cu | 13 | 3.114 | 3.115 | 3.116 |
| Ag | 14 | 2.204 | 2.214 | 2.206 |
| Pb | 15 | 2.461 | 2.484 | 2.486 |
| Cd | 16 | 1.350 | 1.341 | 1.357 |
| Co | 17 | 1.689 | 1.710 | 1.670 |
| Ni | 18 | 1.507 | 1.547 | 1.545 |
| K | 19 | 1.661 | 1.661 | 1.656 |
| Mn | 20 | 10.478 | 10.377 | 10.400 |
| Fe | 21 | 262.339 | 259.027 | 259.880 |
| Cr | 24 | 2.114 | 2.128 | 2.123 |
| Zn | 28 | 13.805 | 13.560 | 13.572 |

Background Counts Output 3:34 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ba | 1 BG2 | 1.731 | |
| Mg | 2 BG2 | 2.454 | |
| V | 5 BG2 | 2.528 | |
| Na | 6 BG1 | 1.209 | |
| Al | 8 BG1 | 1.548 | |
| Sb | 9 BG1 | 2.347 | |
| Sb | 9 BG2 | 2.623 | |
| Be | 10 BG1 | 1.292 | |
| Ca | 11 BG2 | 2.977 | |
| Cu | 13 BG1 | 2.278 | |
| Ag | 14 BG1 | 2.171 | |
| Pb | 15 BG1 | 1.930 | |
| Pb | 15 BG2 | 1.919 | |
| Cd | 16 BG2 | 1.261 | |
| Co | 17 BG2 | 1.675 | |
| Ni | 18 BG1 | 1.405 | |
| K | 19 BG1 | 1.665 | |
| Mn | 20 BG1 | 1.480 | |
| Fe | 21 BG1 | 2.057 | |
| Cr | 24 BG2 | 1.939 | |
| Zn | 28 BG2 | 1.530 | |

Corrected Counts Statistics 3:34 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ba | 1 | 1.437 | 0.007 |
| Mg | 2 | 2.568 | 0.010 |
| V | 5 | 0.032 | 0.007 |
| Na | 6 | 2.046 | 0.013 |
| Al | 8 | 1.976 | 0.015 |
| Sb | 9 | -0.176 | 0.018 |
| Be | 10 | 0.112 | 0.004 |
| Ca | 11 | 20.877 | 0.150 |
| Cu | 13 | 0.837 | 0.001 |
| Ag | 14 | 0.037 | 0.005 |
| Pb | 15 | 0.552 | 0.014 |
| Cd | 16 | 0.088 | 0.008 |
| Co | 17 | 0.015 | 0.020 |
| Ni | 18 | 0.128 | 0.023 |
| K | 19 | -0.006 | 0.003 |
| Mn | 20 | 8.938 | 0.053 |
| Fe | 21 | 258.358 | 1.720 |
| Cr | 24 | 0.183 | 0.007 |
| Zn | 28 | 12.116 | 0.138 |

Identity 1: 9938(1/10) Identity 2: 3:34 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | |
|-----------------|------------------|---------|---------|
| Ba | 1 | 1.445 | 1.431 |
| Mg | 2 | 2.579 | 2.566 |
| V | 5 | 0.026 | 0.039 |
| Na | 6 | 2.031 | 2.050 |
| Al | 8 | 1.992 | 1.971 |
| Sb | 9 | -0.197 | -0.163 |
| Be | 10 | 0.116 | 0.113 |
| Ca | 11 | 21.048 | 20.770 |
| Cu | 13 | 0.836 | 0.837 |
| Ag | 14 | 0.033 | 0.043 |
| Pb | 15 | 0.537 | 0.559 |
| Cd | 16 | 0.089 | 0.080 |
| Co | 17 | 0.014 | 0.035 |
| Ni | 18 | 0.102 | 0.142 |
| K | 19 | -0.004 | -0.004 |
| Mn | 20 | 8.998 | 8.897 |
| Fe | 21 | 260.282 | 256.970 |
| Cr | 24 | 0.175 | 0.189 |
| Zn | 28 | 12.275 | 12.030 |

Identity 1: 9938(1/10) Identity 2: 3:34 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.105 | 3.341 | 0.004 | 0.521 | 3.905 | -0.026 | 0.000 | 6.834 |
| S.D. | 0.001 | 0.013 | 0.001 | 0.019 | 0.031 | 0.008 | 0.000 | 0.050 |
| % R.S.D. | 0.531 | 0.386 | 40.753 | 3.657 | 0.781 | 29.629 | 35.667 | 0.727 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.136 | -0.011 | 0.360 | -0.004 | -0.005 | 0.049 | 0.331 | 0.280 |
| S.D. | 0.000 | 0.003 | 0.009 | 0.001 | 0.004 | 0.010 | 0.018 | 0.002 |
| % R.S.D. | 0.130 | 29.495 | 2.578 | 25.999 | 75.969 | 19.829 | 5.517 | 0.595 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 33.336 | 0.041 | 0.467 |
| S.D. | 0.222 | 0.002 | 0.005 |
| % R.S.D. | 0.666 | 3.912 | 1.152 |

On-Peak Counts Output 3:37 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| Ba | 1 | 6.595 | 6.590 |
| Mg | 2 | 17.672 | 17.681 |
| V | 5 | 2.746 | 2.737 |
| Na | 6 | 3.810 | 3.802 |
| Al | 8 | 9.554 | 9.551 |
| Sb | 9 | 2.459 | 2.406 |
| Be | 10 | 1.429 | 1.425 |
| Ca | 11 | 146.365 | 146.190 |
| Cu | 13 | 4.828 | 4.831 |
| Ag | 14 | 2.233 | 2.229 |
| Pb | 15 | 3.288 | 3.302 |
| Cd | 16 | 1.561 | 1.562 |
| Co | 17 | 1.826 | 1.837 |
| Ni | 18 | 1.889 | 1.833 |
| K | 19 | 1.865 | 1.863 |
| Mn | 20 | 45.771 | 45.460 |
| Fe | 21 | 953.457 | 951.977 |
| Cr | 24 | 2.637 | 2.643 |
| Zn | 28 | 43.901 | 43.824 |

Background Counts Output

3:37 PM August 24, 1993

Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
| Ba | 1 B62 | 1.736 |
| Mg | 2 B62 | 2.605 |
| V | 5 B62 | 2.565 |
| Na | 6 B61 | 1.210 |
| Al | 8 B61 | 1.595 |
| Sb | 9 B61 | 2.401 |
| Sb | 9 B62 | 2.758 |
| Be | 10 B61 | 1.307 |
| Ca | 11 B62 | 3.470 |
| Cu | 13 B61 | 2.349 |
| Ag | 14 B61 | 2.184 |
| Pb | 15 B61 | 1.989 |
| Pb | 15 B62 | 1.948 |
| Cd | 16 B62 | 1.320 |
| Co | 17 B62 | 1.750 |
| Ni | 18 B61 | 1.443 |
| K | 19 B61 | 1.663 |
| Mn | 20 B61 | 1.619 |
| Fe | 21 B61 | 2.548 |
| Cr | 24 B62 | 1.992 |
| Zn | 28 B62 | 1.625 |

Corrected Counts Statistics 3:37 PM August 24, 1993

Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ba | 1 | 4.854 | 0.005 | 0.103 |
| Mg | 2 | 15.064 | 0.014 | 0.091 |
| V | 5 | 0.177 | 0.005 | 2.552 |
| Na | 6 | 2.594 | 0.006 | 0.219 |
| Al | 8 | 7.949 | 0.014 | 0.179 |
| Sb | 9 | -0.162 | 0.031 | 19.032 |
| Be | 10 | 0.121 | 0.002 | 1.914 |
| Ca | 11 | 142.724 | 0.169 | 0.118 |
| Cu | 13 | 2.482 | 0.004 | 0.141 |
| Ag | 14 | 0.048 | 0.003 | 5.512 |
| Pb | 15 | 1.329 | 0.008 | 0.608 |
| Cd | 16 | 0.241 | 0.002 | 0.635 |
| Co | 17 | 0.086 | 0.010 | 11.602 |
| Ni | 18 | 0.408 | 0.033 | 8.152 |
| K | 19 | 0.202 | 0.002 | 0.757 |
| Mn | 20 | 43.993 | 0.156 | 0.354 |
| Fe | 21 | 949.990 | 0.802 | 0.084 |
| Cr | 24 | 0.650 | 0.004 | 0.641 |
| Zn | 28 | 42.217 | 0.052 | 0.123 |

Identity 1: 9939(1/2) Identity 2: 3:37 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts | |
|---------|---------|-----------|---------|---------|
| Ba | 1 | 4.859 | 4.854 | 4.849 |
| Mg | 2 | 15.067 | 15.076 | 15.049 |
| V | 5 | 0.181 | 0.172 | 0.177 |
| Na | 6 | 2.600 | 2.592 | 2.589 |
| Al | 8 | 7.959 | 7.956 | 7.933 |
| Sb | 9 | -0.127 | -0.180 | -0.181 |
| Be | 10 | 0.122 | 0.118 | 0.122 |
| Ca | 11 | 142.895 | 142.720 | 142.557 |
| Cu | 13 | 2.479 | 2.482 | 2.486 |
| Ag | 14 | 0.049 | 0.045 | 0.050 |
| Pb | 15 | 1.319 | 1.334 | 1.334 |
| Cd | 16 | 0.241 | 0.242 | 0.239 |
| Co | 17 | 0.076 | 0.087 | 0.096 |
| Ni | 18 | 0.446 | 0.390 | 0.387 |
| K | 19 | 0.202 | 0.200 | 0.203 |
| Mn | 20 | 44.152 | 43.841 | 43.987 |
| Fe | 21 | 950.909 | 949.429 | 949.633 |
| Cr | 24 | 0.645 | 0.651 | 0.653 |
| Zn | 28 | 42.276 | 42.199 | 42.177 |

Identity 1: 9939(1/2) Identity 2: 3:38 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.365 | 19.951 | 0.032 | 1.322 | 16.414 | -0.020 | 0.000 | 47.289 |
| S.D. | 0.000 | 0.018 | 0.001 | 0.008 | 0.030 | 0.013 | 0.000 | 0.056 |
| % R.S.D. | 0.104 | 0.092 | 3.140 | 0.628 | 0.181 | 66.448 | 11.744 | 0.119 |
| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
| Mean | 0.429 | -0.004 | 0.848 | -0.029 | 0.008 | 0.168 | 1.644 | 1.386 |
| S.D. | 0.001 | 0.002 | 0.005 | 0.000 | 0.002 | 0.014 | 0.010 | 0.005 |
| % R.S.D. | 0.146 | 38.122 | 0.635 | 0.720 | 22.098 | 8.449 | 0.588 | 0.356 |
| | Fe (ppm) | Cr (ppm) | Zn (ppm) | | | | | |
| Mean | 122.594 | 0.148 | 1.626 | | | | | |
| S.D. | 0.104 | 0.001 | 0.002 | | | | | |
| % R.S.D. | 0.084 | 0.642 | 0.121 | | | | | |

On-Peak Counts Output

3:40 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| Ba | 1 | 2.286 | 2.288 |
| Mg | 2 | 3.806 | 3.807 |
| V | 5 | 2.550 | 2.552 |
| Na | 6 | 3.285 | 3.279 |
| Al | 8 | 2.417 | 2.428 |
| Sb | 9 | 2.297 | 2.345 |
| Be | 10 | 1.399 | 1.402 |
| Ca | 11 | 32.954 | 33.018 |
| Cu | 13 | 5.771 | 5.781 |
| Ag | 14 | 2.217 | 2.214 |
| Pb | 15 | 2.197 | 2.153 |
| Cd | 16 | 1.358 | 1.359 |
| Co | 17 | 1.659 | 1.710 |
| Ni | 18 | 1.518 | 1.514 |
| K | 19 | 1.640 | 1.636 |
| Mn | 20 | 9.053 | 9.030 |
| Fe | 21 | 249.242 | 250.181 |
| Cr | 24 | 2.030 | 2.016 |
| Zn | 28 | 12.802 | 12.827 |

Background Counts Output 3:40 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ba | 1 B62 | 1.724 | |
| Mg | 2 B62 | 2.436 | |
| V | 5 B62 | 2.518 | |
| Na | 6 B61 | 1.214 | |
| Al | 8 B61 | 1.541 | |
| Sb | 9 B61 | 2.267 | |
| Sb | 9 B62 | 2.623 | |
| Be | 10 B61 | 1.287 | |
| Ca | 11 B62 | 3.032 | |
| Cu | 13 B61 | 2.275 | |
| Ag | 14 B61 | 2.164 | |
| Pb | 15 B61 | 1.915 | |
| Pb | 15 B62 | 1.884 | |
| Cd | 16 B62 | 1.276 | |
| Co | 17 B62 | 1.659 | |
| Ni | 18 B61 | 1.390 | |
| K | 19 B61 | 1.657 | |
| Mn | 20 B61 | 1.471 | |
| Fe | 21 B61 | 2.079 | |
| Cr | 24 B62 | 1.927 | |
| Zn | 28 B62 | 1.547 | |

Corrected Counts Statistics 3:40 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | XR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ba | 1 | 0.563 | 0.001 |
| Mg | 2 | 1.367 | 0.007 |
| V | 5 | 0.027 | 0.010 |
| Na | 6 | 2.063 | 0.009 |
| Al | 8 | 0.881 | 0.006 |
| Sb | 9 | -0.137 | 0.027 |
| Be | 10 | 0.112 | 0.003 |
| Ca | 11 | 29.975 | 0.048 |
| Cu | 13 | 3.507 | 0.012 |
| Ag | 14 | 0.048 | 0.006 |
| Pb | 15 | 0.260 | 0.034 |
| Cd | 16 | 0.084 | 0.003 |
| Co | 17 | 0.020 | 0.027 |
| Ni | 18 | 0.121 | 0.008 |
| K | 19 | -0.020 | 0.003 |
| Mn | 20 | 7.552 | 0.035 |
| Fe | 21 | 248.018 | 0.816 |
| Cr | 24 | 0.095 | 0.007 |
| Zn | 28 | 11.266 | 0.013 |

Identity 1: 9945(1/10) Identity 2: 3:41 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | |
|-----------------|------------------|---------|---------|
| Ba | 1 | 0.562 | 0.564 |
| Mg | 2 | 1.370 | 1.371 |
| V | 5 | 0.032 | 0.034 |
| Na | 6 | 2.071 | 2.065 |
| Al | 8 | 0.876 | 0.887 |
| Sb | 9 | -0.154 | -0.106 |
| Be | 10 | 0.112 | 0.115 |
| Ca | 11 | 29.922 | 29.986 |
| Cu | 13 | 3.496 | 3.506 |
| Ag | 14 | 0.053 | 0.050 |
| Pb | 15 | 0.297 | 0.253 |
| Cd | 16 | 0.082 | 0.083 |
| Co | 17 | 0.000 | 0.051 |
| Ni | 18 | 0.128 | 0.124 |
| K | 19 | -0.017 | -0.021 |
| Mn | 20 | 7.582 | 7.559 |
| Fe | 21 | 247.163 | 248.102 |
| Cr | 24 | 0.103 | 0.089 |
| Zn | 28 | 11.255 | 11.280 |

Identity 1: 9945(1/10) Identity 2: 3:41 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.039 | 1.744 | 0.003 | 0.547 | 1.613 | -0.009 | 0.000 | 9.854 |
| S.D. | 0.000 | 0.009 | 0.002 | 0.013 | 0.012 | 0.012 | 0.000 | 0.016 |
| % R.S.D. | 0.224 | 0.507 | 79.821 | 2.449 | 0.723 | 125.477 | 22.210 | 0.162 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.611 | -0.004 | 0.166 | -0.004 | -0.004 | 0.046 | 0.241 | 0.236 |
| S.D. | 0.002 | 0.004 | 0.023 | 0.000 | 0.005 | 0.004 | 0.017 | 0.001 |
| % R.S.D. | 0.336 | 89.982 | 13.771 | 7.819 | 130.738 | 7.782 | 6.964 | 0.469 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 32.002 | 0.021 | 0.434 |
| S.D. | 0.105 | 0.002 | 0.000 |
| % R.S.D. | 0.329 | 7.699 | 0.112 |

On-Peak Counts Output 3:44 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| Ba | 1 | 1.805 | 1.799 |
| Mg | 2 | 2.534 | 2.531 |
| V | 5 | 3.023 | 3.006 |
| Na | 6 | 2.953 | 2.942 |
| Al | 8 | 1.669 | 1.669 |
| Sb | 9 | 2.678 | 2.757 |
| Be | 10 | 1.822 | 1.821 |
| Ca | 11 | 11.119 | 11.145 |
| Cu | 13 | 2.634 | 2.633 |
| Ag | 14 | 2.329 | 2.325 |
| Pb | 15 | 2.096 | 2.067 |
| Cd | 16 | 1.348 | 1.384 |
| Co | 17 | 2.245 | 2.262 |
| Ni | 18 | 1.597 | 1.593 |
| K | 19 | 1.607 | 1.602 |
| Mn | 20 | 2.588 | 2.560 |
| Fe | 21 | 2.285 | 2.262 |
| Cr | 24 | 2.045 | 2.035 |
| Zn | 28 | 3.048 | 3.071 |

Background Counts Output

3:44 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
| Ba | 1 RG2 | 1.732 |
| Mg | 2 RG2 | 2.434 |
| V | 5 RG2 | 2.531 |
| Na | 6 RG1 | 1.204 |
| Al | 8 RG1 | 1.549 |
| Sb | 9 RG1 | 2.329 |
| Sb | 9 RG2 | 2.722 |
| Be | 10 RG1 | 1.297 |
| Ca | 11 RG2 | 2.970 |
| Cu | 13 RG1 | 2.270 |
| Ag | 14 RG1 | 2.191 |
| Pb | 15 RG1 | 1.935 |
| Pb | 15 RG2 | 1.918 |
| Cd | 16 RG2 | 1.295 |
| Co | 17 RG2 | 1.677 |
| Ni | 18 RG1 | 1.400 |
| K | 19 RG1 | 1.660 |
| Mn | 20 RG1 | 1.467 |
| Fe | 21 RG1 | 1.941 |
| Cr | 24 RG2 | 1.930 |
| Zn | 28 RG2 | 1.520 |

Corrected Counts Statistics 3:44 PM August 24, 1993

Task name : 4PDINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ba | 1 | 0.069 | 0.003 | 5.020 |
| Mg | 2 | 0.096 | 0.005 | 4.774 |
| V | 5 | 0.481 | 0.009 | 1.930 |
| Na | 6 | 1.742 | 0.006 | 0.349 |
| Al | 8 | 0.118 | 0.003 | 2.936 |
| Sb | 9 | 0.178 | 0.041 | 23.115 |
| Be | 10 | 0.526 | 0.003 | 0.611 |
| Ca | 11 | 8.180 | 0.033 | 0.406 |
| Cu | 13 | 0.364 | 0.001 | 0.275 |
| Ag | 14 | 0.135 | 0.003 | 2.269 |
| Pb | 15 | 0.158 | 0.015 | 9.608 |
| Cd | 16 | 0.068 | 0.019 | 27.936 |
| Co | 17 | 0.582 | 0.013 | 2.194 |
| Ni | 18 | 0.197 | 0.004 | 2.030 |
| K | 19 | -0.056 | 0.003 | 4.725 |
| Mn | 20 | 1.117 | 0.022 | 1.994 |
| Fe | 21 | 0.324 | 0.018 | 5.621 |
| Cr | 24 | 0.111 | 0.005 | 4.637 |
| Zn | 28 | 1.561 | 0.038 | 2.462 |

Identity 1: cri2 Identity 2: 3:44 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts | |
|---------|---------|-----------|--------|--------|
| Ba | 1 | 0.073 | 0.067 | 0.067 |
| Mg | 2 | 0.100 | 0.091 | 0.097 |
| V | 5 | 0.492 | 0.477 | 0.475 |
| Na | 6 | 1.749 | 1.739 | 1.738 |
| Al | 8 | 0.120 | 0.114 | 0.120 |
| Sb | 9 | 0.146 | 0.165 | 0.225 |
| Be | 10 | 0.525 | 0.530 | 0.524 |
| Ca | 11 | 8.149 | 8.215 | 8.175 |
| Cu | 13 | 0.364 | 0.365 | 0.363 |
| Ag | 14 | 0.138 | 0.132 | 0.134 |
| Pb | 15 | 0.169 | 0.163 | 0.141 |
| Cd | 16 | 0.053 | 0.061 | 0.089 |
| Co | 17 | 0.568 | 0.593 | 0.585 |
| Ni | 18 | 0.197 | 0.201 | 0.193 |
| K | 19 | -0.053 | -0.057 | -0.058 |
| Mn | 20 | 1.121 | 1.137 | 1.093 |
| Fe | 21 | 0.344 | 0.308 | 0.321 |
| Cr | 24 | 0.115 | 0.112 | 0.105 |
| Zn | 28 | 1.528 | 1.603 | 1.551 |

Identity 1: cri2 Identity 2: 3:44 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.002 | 0.055 | 0.106 | 0.078 | 0.015 | 0.126 | 0.010 | 2.618 |
| S.D. | 0.000 | 0.006 | 0.002 | 0.009 | 0.007 | 0.018 | 0.000 | 0.011 |
| % R.S.D. | 16.763 | 11.089 | 1.964 | 11.426 | 48.544 | 14.015 | 0.756 | 0.422 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.052 | 0.047 | 0.108 | 0.010 | 0.099 | 0.078 | 0.013 | 0.834 |
| S.D. | 0.000 | 0.002 | 0.010 | 0.003 | 0.002 | 0.002 | 0.017 | 0.001 |
| % R.S.D. | 0.341 | 3.832 | 9.323 | 25.031 | 2.360 | 2.190 | 132.784 | 2.086 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 0.036 | 0.025 | 0.061 |
| S.D. | 0.002 | 0.001 | 0.001 |
| % R.S.D. | 6.613 | 4.694 | 2.454 |

On-Peak Counts Output

3:47 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses | |
|---------|---------|----------|----------|----------|
| Ba | 1 | 2.440 | 2.431 | 2.435 |
| Mg | 2 | 370.709 | 371.518 | 367.624 |
| V | 5 | 2.756 | 2.749 | 2.760 |
| Na | 6 | 2.987 | 2.987 | 3.005 |
| Al | 8 | 236.206 | 236.799 | 234.342 |
| Sb | 9 | 4.119 | 4.180 | 4.210 |
| Be | 10 | 1.423 | 1.426 | 1.427 |
| Ca | 11 | 1384.091 | 1387.883 | 1373.339 |
| Cu | 13 | 2.438 | 2.431 | 2.440 |
| Ag | 14 | 2.249 | 2.239 | 2.254 |
| Pb | 15 | 3.206 | 3.184 | 3.252 |
| Cd | 16 | 1.849 | 1.837 | 1.828 |
| Co | 17 | 1.862 | 1.813 | 1.853 |
| Ni | 18 | 1.517 | 1.512 | 1.520 |
| K | 19 | 1.595 | 1.589 | 1.603 |
| Mn | 20 | 2.564 | 2.506 | 2.504 |
| Fe | 21 | 1476.302 | 1479.474 | 1462.738 |
| Cr | 24 | 2.209 | 2.204 | 2.222 |
| Zn | 28 | 3.102 | 3.102 | 3.077 |

Background Counts Output 3:47 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ba | 1 BG2 | 1.719 | |
| Mg | 2 BG2 | 4.808 | |
| V | 5 BG2 | 2.723 | |
| Na | 6 BG1 | 1.186 | |
| Al | 8 BG1 | 2.936 | |
| Sb | 9 BG1 | 4.011 | |
| Sb | 9 BG2 | 4.394 | |
| Be | 10 BG1 | 1.302 | |
| Ca | 11 BG2 | 8.184 | |
| Cu | 13 BG1 | 2.278 | |
| Ag | 14 BG1 | 2.186 | |
| Pb | 15 BG1 | 4.083 | |
| Pb | 15 BG2 | 2.816 | |
| Cd | 16 BG2 | 1.637 | |
| Co | 17 BG2 | 1.828 | |
| Ni | 18 BG1 | 1.560 | |
| K | 19 BG1 | 1.646 | |
| Mn | 20 BG1 | 1.795 | |
| Fe | 21 BG1 | 3.112 | |
| Cr | 24 BG2 | 2.237 | |
| Zn | 28 BG2 | 2.109 | |

Corrected Counts Statistics 3:47 PM August 24, 1993
 Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ba | 1 | 0.716 | 0.005 |
| Mg | 2 | 365.142 | 2.055 |
| V | 5 | 0.032 | 0.006 |
| Na | 6 | 1.807 | 0.010 |
| Al | 8 | 232.846 | 1.282 |
| Sb | 9 | -0.039 | 0.046 |
| Be | 10 | 0.123 | 0.002 |
| Ca | 11 | 1373.587 | 7.544 |
| Cu | 13 | 0.158 | 0.005 |
| Ag | 14 | 0.061 | 0.008 |
| Pb | 15 | -0.236 | 0.035 |
| Cd | 16 | 0.201 | 0.011 |
| Co | 17 | 0.015 | 0.026 |
| Ni | 18 | -0.044 | 0.004 |
| K | 19 | -0.050 | 0.007 |
| Mn | 20 | 0.730 | 0.034 |
| Fe | 21 | 1469.726 | 8.889 |
| Cr | 24 | -0.025 | 0.009 |
| Zn | 28 | 0.985 | 0.014 |

Identity 1: icsa2 Identity 2: 3:47 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | |
|-----------------|------------------|----------|----------|
| Ba | 1 | 0.721 | 0.712 |
| Mg | 2 | 365.901 | 366.710 |
| V | 5 | 0.033 | 0.026 |
| Na | 6 | 1.801 | 1.801 |
| Al | 8 | 233.270 | 233.863 |
| Sb | 9 | -0.090 | -0.029 |
| Be | 10 | 0.121 | 0.124 |
| Ca | 11 | 1375.907 | 1379.699 |
| Cu | 13 | 0.160 | 0.153 |
| Ag | 14 | 0.063 | 0.053 |
| Pb | 15 | -0.244 | -0.266 |
| Cd | 16 | 0.212 | 0.200 |
| Co | 17 | 0.034 | -0.015 |
| Ni | 18 | -0.043 | -0.048 |
| K | 19 | -0.051 | -0.057 |
| Mn | 20 | 0.769 | 0.711 |
| Fe | 21 | 1473.190 | 1476.362 |
| Cr | 24 | -0.028 | -0.033 |
| Zn | 28 | 0.993 | 0.993 |

Identity 1: icsa2 Identity 2:

3:47 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.051 | 485.301 | -0.003 | 0.173 | 487.369 | 0.033 | 0.001 | 455.961 |
| S.D. | 0.000 | 2.731 | 0.001 | 0.015 | 2.685 | 0.020 | 0.000 | 2.505 |
| % R.S.D. | 0.675 | 0.563 | 37.114 | 8.789 | 0.551 | 60.701 | 9.322 | 0.549 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.016 | 0.004 | -0.209 | -0.069 | -0.005 | -0.025 | 0.048 | 0.007 |
| S.D. | 0.001 | 0.004 | 0.023 | 0.001 | 0.005 | 0.002 | 0.044 | 0.001 |
| % R.S.D. | 5.371 | 119.468 | 11.174 | 1.583 | 99.034 | 6.968 | 91.704 | 15.582 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 189.668 | -0.006 | 0.009 |
| S.D. | 1.147 | 0.002 | 0.000 |
| % R.S.D. | 0.605 | 34.843 | 4.239 |

On-Peak Counts Output 3:50 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|----------|----------|
| Ba | 1 | 9.122 | 9.085 |
| Mg | 2 | 368.908 | 367.326 |
| V | 5 | 4.915 | 4.923 |
| Na | 6 | 3.034 | 3.045 |
| Al | 8 | 235.034 | 234.123 |
| Sb | 9 | 4.193 | 4.208 |
| Be | 10 | 22.196 | 22.135 |
| Ca | 11 | 1375.208 | 1369.373 |
| Cu | 13 | 5.266 | 5.260 |
| Ag | 14 | 5.654 | 5.642 |
| Pb | 15 | 4.736 | 4.701 |
| Cd | 16 | 8.867 | 8.866 |
| Co | 17 | 4.571 | 4.545 |
| Ni | 18 | 3.763 | 3.740 |
| K | 19 | 1.597 | 1.600 |
| Mn | 20 | 17.966 | 18.033 |
| Fe | 21 | 1470.329 | 1460.654 |
| Cr | 24 | 4.392 | 4.369 |
| Zn | 28 | 27.689 | 27.601 |

Background Counts Output 3:50 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
| Ba | 1 BG2 | 1.730 |
| Mg | 2 BG2 | 4.808 |
| V | 5 BG2 | 2.729 |
| Na | 6 BG1 | 1.188 |
| Al | 8 BG1 | 2.968 |
| Sb | 9 BG1 | 4.056 |
| Sb | 9 BG2 | 4.888 |
| Be | 10 BG1 | 1.534 |
| Ca | 11 BG2 | 8.232 |
| Cu | 13 BG1 | 2.287 |
| Ag | 14 BG1 | 2.200 |
| Pb | 15 BG1 | 4.069 |
| Pb | 15 BG2 | 2.797 |
| Cd | 16 BG2 | 1.674 |
| Co | 17 BG2 | 1.857 |
| Ni | 18 BG1 | 1.589 |
| K | 19 BG1 | 1.647 |
| Mn | 20 BG1 | 1.830 |
| Fe | 21 BG1 | 3.097 |
| Cr | 24 BG2 | 2.254 |
| Zn | 28 BG2 | 2.112 |

Corrected Counts Statistics 3:50 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|-------|
| Ba | 1 | 7.380 | 0.021 | 0.289 |
| Mg | 2 | 363.572 | 0.913 | 0.251 |
| V | 5 | 2.198 | 0.014 | 0.631 |
| Na | 6 | 1.852 | 0.006 | 0.301 |
| Al | 8 | 231.842 | 0.606 | 0.262 |
| Sb | 9 | -0.281 | 0.011 | 3.845 |
| Be | 10 | 20.659 | 0.057 | 0.276 |
| Ca | 11 | 1365.233 | 3.557 | 0.261 |
| Cu | 13 | 2.975 | 0.004 | 0.127 |
| Ag | 14 | 3.447 | 0.006 | 0.181 |
| Pb | 15 | 1.266 | 0.038 | 2.963 |
| Cd | 16 | 7.210 | 0.030 | 0.412 |
| Co | 17 | 2.727 | 0.047 | 1.719 |
| Ni | 18 | 2.173 | 0.022 | 0.990 |
| K | 19 | -0.050 | 0.003 | 5.067 |
| Mn | 20 | 16.216 | 0.087 | 0.538 |
| Fe | 21 | 1462.906 | 4.918 | 0.336 |
| Cr | 24 | 2.123 | 0.013 | 0.626 |
| Zn | 28 | 25.573 | 0.082 | 0.321 |

Identity 1: icsab2 Identity 2: 3:50 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|----------|----------|
| Ba | 1 | 7.392 | 7.355 | 7.392 |
| Mg | 2 | 364.100 | 362.518 | 364.099 |
| V | 5 | 2.186 | 2.194 | 2.213 |
| Na | 6 | 1.846 | 1.857 | 1.853 |
| Al | 8 | 232.066 | 231.155 | 232.304 |
| Sb | 9 | -0.293 | -0.278 | -0.272 |
| Be | 10 | 20.662 | 20.601 | 20.715 |
| Ca | 11 | 1366.976 | 1361.141 | 1367.583 |
| Cu | 13 | 2.979 | 2.973 | 2.972 |
| Ag | 14 | 3.454 | 3.442 | 3.445 |
| Pb | 15 | 1.303 | 1.268 | 1.228 |
| Cd | 16 | 7.193 | 7.192 | 7.244 |
| Co | 17 | 2.714 | 2.688 | 2.779 |
| Ni | 18 | 2.174 | 2.151 | 2.194 |
| K | 19 | -0.050 | -0.047 | -0.052 |
| Mn | 20 | 16.136 | 16.203 | 16.309 |
| Fe | 21 | 1467.232 | 1457.557 | 1463.930 |
| Cr | 24 | 2.138 | 2.115 | 2.115 |
| Zn | 28 | 25.577 | 25.489 | 25.653 |

Identity 1: icsab2 Identity 2: 3:51 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.556 | 483.214 | 0.480 | 0.238 | 485.265 | -0.071 | 0.503 | 453.187 |
| S.D. | 0.002 | 1.214 | 0.003 | 0.008 | 1.270 | 0.005 | 0.001 | 1.181 |
| % R.S.D. | 0.291 | 0.251 | 0.646 | 3.411 | 0.262 | 6.535 | 0.277 | 0.261 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.516 | 1.991 | 0.787 | 0.884 | 0.493 | 0.923 | 0.053 | 0.498 |
| S.D. | 0.001 | 0.004 | 0.025 | 0.004 | 0.009 | 0.009 | 0.016 | 0.003 |
| % R.S.D. | 0.130 | 0.184 | 3.154 | 0.452 | 1.745 | 0.997 | 30.226 | 0.558 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 188.788 | 0.485 | 0.965 |
| S.D. | 0.635 | 0.003 | 0.003 |
| % R.S.D. | 0.336 | 0.626 | 0.321 |

On-Peak Counts Output 3:53 PM August 24, 1993

Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

| | | | | |
|----|----|---------|---------|---------|
| Ba | 1 | 67.863 | 68.401 | 68.348 |
| Mg | 2 | 40.579 | 40.863 | 40.857 |
| V | 5 | 24.871 | 25.051 | 25.074 |
| Na | 6 | 37.055 | 37.369 | 37.339 |
| Al | 8 | 4.324 | 4.317 | 4.319 |
| Sb | 9 | 17.019 | 17.250 | 17.208 |
| Be | 10 | 83.432 | 84.196 | 84.193 |
| Ca | 11 | 219.860 | 221.412 | 221.196 |
| Cu | 13 | 30.378 | 30.680 | 30.660 |
| Ag | 14 | 4.387 | 4.393 | 4.395 |
| Pb | 15 | 9.431 | 9.525 | 9.498 |
| Cd | 16 | 19.639 | 19.867 | 19.847 |
| Co | 17 | 28.845 | 29.307 | 29.139 |
| Ni | 18 | 13.156 | 13.289 | 13.139 |
| K | 19 | 9.521 | 9.577 | 9.571 |
| Mn | 20 | 159.308 | 160.230 | 160.280 |
| Fe | 21 | 42.549 | 42.776 | 42.642 |
| Cr | 24 | 23.806 | 23.966 | 23.950 |
| Zn | 28 | 131.014 | 132.300 | 132.300 |

Background Counts Output 3:53 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

| | | |
|----|--------|-------|
| Ba | 1 BG2 | 1.776 |
| Mg | 2 BG2 | 2.741 |
| V | 5 BG2 | 2.578 |
| Na | 6 BG1 | 1.249 |
| Al | 8 BG1 | 1.648 |
| Sb | 9 BG1 | 2.495 |
| Sb | 9 BG2 | 8.553 |
| Be | 10 BG1 | 2.234 |
| Ca | 11 BG2 | 3.785 |
| Cu | 13 BG1 | 2.297 |
| Ag | 14 BG1 | 2.237 |
| Pb | 15 BG1 | 2.047 |
| Pb | 15 BG2 | 2.014 |
| Cd | 16 BG2 | 1.431 |
| Co | 17 BG2 | 1.771 |
| Ni | 18 BG1 | 1.468 |
| K | 19 BG1 | 1.676 |
| Mn | 20 BG1 | 1.889 |
| Fe | 21 BG1 | 1.985 |
| Cr | 24 BG2 | 2.018 |
| Zn | 28 BG2 | 1.639 |

Corrected Counts Statistics 3:53 PM August 24, 1993
 Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ba | 1 | 66.428 | 0.297 |
| Mg | 2 | 38.025 | 0.162 |
| V | 5 | 22.421 | 0.111 |
| Na | 6 | 36.005 | 0.173 |
| Al | 8 | 2.672 | 0.004 |
| Sb | 9 | 11.531 | 0.123 |
| Be | 10 | 81.706 | 0.440 |
| Ca | 11 | 217.038 | 0.841 |
| Cu | 13 | 28.276 | 0.169 |
| Ag | 14 | 2.155 | 0.004 |
| Pb | 15 | 7.454 | 0.048 |
| Cd | 16 | 18.353 | 0.126 |
| Co | 17 | 27.326 | 0.234 |
| Ni | 18 | 11.727 | 0.082 |
| K | 19 | 7.880 | 0.031 |
| Mn | 20 | 158.050 | 0.547 |
| Fe | 21 | 40.671 | 0.114 |
| Cr | 24 | 21.889 | 0.088 |
| Zn | 28 | 130.232 | 0.742 |

Identity 1: ccvp5 Identity 2: 3:54 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts | | | |
|-----------------|------------------|---------|---------|---------|
| Ba | 1 | 66.087 | 66.625 | 66.572 |
| Mg | 2 | 37.838 | 38.122 | 38.116 |
| V | 5 | 22.293 | 22.473 | 22.496 |
| Na | 6 | 35.806 | 36.120 | 36.090 |
| Al | 8 | 2.676 | 2.669 | 2.671 |
| Sb | 9 | 11.391 | 11.622 | 11.580 |
| Be | 10 | 81.198 | 81.962 | 81.959 |
| Ca | 11 | 216.075 | 217.627 | 217.411 |
| Cu | 13 | 28.081 | 28.383 | 28.363 |
| Ag | 14 | 2.150 | 2.156 | 2.158 |
| Pb | 15 | 7.401 | 7.495 | 7.467 |
| Cd | 16 | 18.208 | 18.436 | 18.416 |
| Co | 17 | 27.074 | 27.536 | 27.368 |
| Ni | 18 | 11.688 | 11.821 | 11.671 |
| K | 19 | 7.845 | 7.901 | 7.895 |
| Mn | 20 | 157.419 | 158.341 | 158.391 |
| Fe | 21 | 40.564 | 40.791 | 40.657 |
| Cr | 24 | 21.788 | 21.948 | 21.932 |
| Zn | 28 | 129.375 | 130.661 | 130.661 |

Identity 1: ccvp5 Identity 2: 3:54 PM August 24, 1993
 Task name : 4POINT

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 5.035 | 50.473 | 5.007 | 50.116 | 5.363 | 4.992 | 1.997 | 71.963 |
| S.D. | 0.022 | 0.216 | 0.025 | 0.253 | 0.008 | 0.053 | 0.011 | 0.279 |
| % R.S.D. | 0.447 | 0.427 | 0.496 | 0.505 | 0.141 | 1.057 | 0.539 | 0.388 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 5.015 | 1.232 | 4.944 | 2.495 | 5.006 | 5.006 | 50.267 | 5.016 |
| S.D. | 0.030 | 0.002 | 0.032 | 0.017 | 0.043 | 0.035 | 0.195 | 0.017 |
| % R.S.D. | 0.599 | 0.198 | 0.649 | 0.688 | 0.857 | 0.701 | 0.387 | 0.346 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 5.242 | 5.002 | 5.058 |
| S.D. | 0.015 | 0.020 | 0.029 |
| % R.S.D. | 0.281 | 0.403 | 0.571 |

On-Peak Counts Output 3:57 PM August 24, 1993
Task name : 4POINT
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses | | |
|---------|---------|-----------------|-------|-------|
| Ba | 1 | 1.825 | 1.819 | 1.822 |
| Mg | 2 | 2.585 | 2.567 | 2.579 |
| V | 5 | 2.562 | 2.556 | 2.566 |
| Na | 6 | 2.960 | 2.944 | 2.974 |
| Al | 8 | 1.702 | 1.696 | 1.705 |
| Sb | 9 | 2.297 | 2.316 | 2.371 |
| Be | 10 | 1.440 | 1.433 | 1.441 |
| Ca | 11 | 3.340 | 3.310 | 3.303 |
| Cu | 13 | 2.342 | 2.344 | 2.346 |
| Ag | 14 | 2.232 | 2.228 | 2.241 |
| Pb | 15 | 1.906 | 1.902 | 1.919 |
| Cd | 16 | 1.286 | 1.293 | 1.308 |
| Co | 17 | 1.718 | 1.703 | 1.722 |
| Ni | 18 | 1.414 | 1.391 | 1.382 |
| K | 19 | 1.607 | 1.599 | 1.608 |
| Mn | 20 | 1.545 | 1.530 | 1.546 |
| Fe | 21 | 2.290 | 2.277 | 2.307 |
| Cr | 24 | 1.964 | 1.956 | 1.954 |
| Zn | 28 | 1.607 | 1.594 | 1.614 |

Background Counts Output 3:57 PM August 24, 1993
Task name : 4POINT
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

| | | |
|----|--------|-------|
| Ba | 1 BG2 | 1.739 |
| Mg | 2 BG2 | 2.441 |
| V | 5 BG2 | 2.529 |
| Na | 6 BG1 | 1.214 |
| Al | 8 BG1 | 1.547 |
| Sb | 9 BG1 | 2.315 |
| Sb | 9 BG2 | 2.655 |
| Be | 10 BG1 | 1.297 |
| Ca | 11 BG2 | 2.937 |
| Cu | 13 BG1 | 2.259 |
| Ag | 14 BG1 | 2.179 |
| Pb | 15 BG1 | 1.918 |
| Pb | 15 BG2 | 1.915 |
| Cd | 16 BG2 | 1.312 |
| Co | 17 BG2 | 1.679 |
| Ni | 18 BG1 | 1.381 |
| K | 19 BG1 | 1.661 |
| Mn | 20 BG1 | 1.448 |
| Fe | 21 BG1 | 1.926 |
| Cr | 24 BG2 | 1.930 |
| Zn | 28 BG2 | 1.505 |

Corrected Counts Statistics 3:57 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses | |
|-----------------|--------------|--------------|-----------------|---------|
| Ba | 1 | 0.083 | 0.003 | 3.614 |
| Mg | 2 | 0.136 | 0.009 | 6.739 |
| V | 5 | 0.032 | 0.005 | 15.567 |
| Na | 6 | 1.745 | 0.015 | 0.860 |
| Al | 8 | 0.154 | 0.005 | 2.976 |
| Sb | 9 | -0.163 | 0.038 | 23.598 |
| Be | 10 | 0.141 | 0.004 | 3.091 |
| Ca | 11 | 0.381 | 0.020 | 5.163 |
| Cu | 13 | 0.085 | 0.002 | 2.353 |
| Ag | 14 | 0.055 | 0.007 | 12.180 |
| Pb | 15 | -0.008 | 0.009 | 118.509 |
| Cd | 16 | -0.016 | 0.011 | 68.815 |
| Co | 17 | 0.035 | 0.010 | 28.349 |
| Ni | 18 | 0.015 | 0.017 | 112.517 |
| K | 19 | -0.056 | 0.005 | 8.757 |
| Mn | 20 | 0.092 | 0.009 | 9.707 |
| Fe | 21 | 0.365 | 0.015 | 4.118 |
| Cr | 24 | 0.028 | 0.005 | 18.898 |
| Zn | 28 | 0.100 | 0.010 | 10.149 |

Identity 1: ccb5 Identity 2: 3:57 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--------|--------|
| Ba | 1 | 0.086 | 0.080 | 0.083 |
| Mg | 2 | 0.144 | 0.126 | 0.138 |
| V | 5 | 0.033 | 0.027 | 0.037 |
| Na | 6 | 1.746 | 1.730 | 1.760 |
| Al | 8 | 0.155 | 0.149 | 0.158 |
| Sb | 9 | -0.194 | -0.175 | -0.120 |
| Be | 10 | 0.143 | 0.136 | 0.144 |
| Ca | 11 | 0.403 | 0.373 | 0.366 |
| Cu | 13 | 0.083 | 0.085 | 0.087 |
| Ag | 14 | 0.053 | 0.049 | 0.062 |
| Pb | 15 | -0.011 | -0.015 | 0.003 |
| Cd | 16 | -0.026 | -0.019 | -0.004 |
| Co | 17 | 0.039 | 0.024 | 0.043 |
| Ni | 18 | 0.033 | 0.010 | 0.001 |
| K | 19 | -0.054 | -0.062 | -0.053 |
| Mn | 20 | 0.097 | 0.082 | 0.098 |
| Fe | 21 | 0.364 | 0.351 | 0.381 |
| Cr | 24 | 0.034 | 0.026 | 0.024 |
| Zn | 28 | 0.102 | 0.089 | 0.109 |

Identity 1: ccb5 Identity 2: 3:57 PM August 24, 1993
 Task name : 4POINT
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ba (ppm) | Mg (ppm) | V (ppm) | Na (ppm) | Al (ppm) | Sb (ppm) | Be (ppm) | Ca (ppm) |
|----------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 0.003 | 0.108 | 0.005 | 0.083 | 0.090 | -0.020 | 0.001 | 0.029 |
| S.D. | 0.000 | 0.012 | 0.001 | 0.022 | 0.010 | 0.016 | 0.000 | 0.007 |
| % R.S.D. | 8.654 | 11.270 | 20.978 | 26.535 | 10.624 | 81.715 | 10.898 | 22.807 |

| | Cu (ppm) | Ag (ppm) | Pb (ppm) | Cd (ppm) | Co (ppm) | Ni (ppm) | K (ppm) | Mn (ppm) |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| Mean | 0.003 | -0.000 | -0.002 | -0.001 | -0.001 | 0.000 | 0.011 | 0.001 |
| S.D. | 0.000 | 0.004 | 0.006 | 0.002 | 0.002 | 0.007 | 0.031 | 0.000 |
| % R.S.D. | 13.648 | 2433.227 | 330.986 | 132.350 | 176.634 | 4974.261 | 297.307 | 20.723 |

| | Fe (ppm) | Cr (ppm) | Zn (ppm) |
|----------|-------------|-------------|-------------|
| Mean | 0.041 | 0.006 | 0.004 |
| S.D. | 0.002 | 0.001 | 0.000 |
| % R.S.D. | 4.751 | 19.843 | 9.457 |

ARL 3560 AUTOSAMPLER WORKSHEET PROGRAM DATA FILE PDX31932 DATE 8/31/93
 ANALYST BB ELEMENTS Ag UNITS COMPLETE 60

| TRAY # | JOB # | SAMPLE ID | SAMPLE # | DIL FAC | COMMENTS | TRAY # | JOB # | SAMPLE ID | SAMPLE # | DIL FAC | COMMENTS |
|--------|-------|-----------|----------|---------|----------|--------|-------|-----------|----------|---------|----------|
| 1 | | | BLK | | | 40 | | | 0050 | | |
| 2 | | | ICL/10 | | | 41 | | | 0051 | | |
| 3 | | | ICL/50 | | | 42 | | | 0052 | | |
| 4 | | | ICL | | | 43 | | | 0053 | | |
| 5 | | | ICVP | | | 44 | | | 0054 | | |
| 6 | | | ICB | | | 45 | | | 0055 | | |
| 7 | | | CR1 | | | 46 | | | + | | |
| 8 | | | ICSA1 | | | 47 | | | CCWP4 | | |
| 9 | | | ICSAB1 | | | 48 | | | CCB4 | | |
| 10 | | | CCVP1 | | | 49 | | | 0056 | | |
| 11 | | | CCB1 | | | 50 | | | 0057 | | |
| 12 | -2349 | BLK | 9978 | | | 51 | | | 0058 | | |
| 13 | | R-1 | 9979 | | | 52 | -2608 | | 9936 | | |
| 14 | | | 9982 | | | 53 | | | 9936 | 1/5 | |
| 15 | | | 9982L | 1/5 | | 54 | | | 9937 | | |
| 16 | | BLK | 9934 | | | 55 | | | 9938 | | |
| 17 | | 217 | 9935 | | | 56 | | | 9939 | | |
| 18 | | | 9928 | | | 57 | | | 9940 | | |
| 19 | | | 9929 | | | 58 | -2605 | BLK | D113 | | |
| 20 | | | 9930 | | | 59 | | | CCWP5 | | |
| 21 | | | + | | | 60 | | | CCB5 | | |
| 22 | | | CCWP2 | | | 61 | | 217 | D114 | | |
| 23 | | | CCB2 | | | 62 | | | D107 | | |
| 24 | | | 9931 | | | 63 | | | D107L | 1/5 | |
| 25 | | | 9932 | | | 64 | | | D108 | | |
| 26 | | | 9933 | | | 65 | | | D109 | | |
| 27 | -2570 | BLK | 0060 | | | 66 | | | D110 | | |
| 28 | -2629 | R1 | 0061 | | | 67 | | | + | | |
| 29 | | | 0043 | | | 68 | | | D111 | | |
| 30 | | | 0043L | 1/5 | | 69 | | | D112 | | |
| 31 | | | 0044 | | | 70 | -2606 | | 9941 | | |
| 32 | | | 0045 | | | 71 | | CCWP2 | 9941L | 1/5 | |
| 33 | | | 0046 | | | 72 | | | CCB6 | | |
| 34 | | | CCWP3 | | | 73 | | | 9941L | 1/5 | |
| 35 | | | CCB3 | | | 74 | | | 9942 | | |
| 36 | | | 0047 | | | 75 | -2605 | BLK | 9931 | | |
| 37 | | | 0048 | | | 76 | | 217 | 9932 | | |
| 38 | | | 0049 | | | 77 | | | 9943 | | |

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ARL 3560 AUTOSAMPLER WORKSHEET PROGRAM DATA FILE _____ DATE _____
 ANALYST _____ ELEMENTS _____ UNITS COMPLETE _____

| TRAY # | JOB # | SAMPLE ID | SAMPLE # | DIL FAC | COMMENTS | TRAY # | JOB # | SAMPLE ID | SAMPLE # | DIL FAC | COMMENTS |
|--------|-------|-----------|----------|---------|----------|--------|-------|-----------|----------|---------|----------|
| 1 | | | BLK | | | 40 | | | CC12 | | |
| 2 | | | ICL/10 | | | 41 | | | ICSA2 | | |
| 3 | | | ICL/50 | | | 42 | | | CC09 | | |
| 4 | | | ICL | | | 43 | | | CC09 | | |
| 5 | | | ICVP | | | 44 | | | ICSA2 | | |
| 6 | | | ICB | | | 45 | | | CC010 | | |
| 7 | | | CRH | | | 46 | | | CC010 | | |
| 8 | | | ICSA1 | | | 47 | | | | | |
| 9 | | | ICSA1 | | | 48 | | | | | |
| 10 | | | CCVP1 | | | 49 | | | | | |
| 11 | | | CCB1 | | | 50 | | | | | |
| 12 | | | 9943 | VS | | 51 | | | | | |
| 13 | | | 9944 | | | 52 | | | | | |
| 14 | | | 9945 | | | 53 | | | | | |
| 15 | | | 9946 | | | 54 | | | | | |
| 16 | | | 9947 | | | 55 | | | | | |
| 17 | | | CC0P7 | | | 56 | | | | | |
| 18 | | | CCB7 | | | 57 | | | | | |
| 19 | | | 9948 | | | 58 | | | | | |
| 20 | | | 9949 | | | 59 | | | | | |
| 21 | | | 9950 | | | 60 | | | | | |
| 22 | -2683 | | 9953 | | | 61 | | | | | |
| 23 | | | 9953 | VS | | 62 | | | | | |
| 24 | | | 9954 | | | 63 | | | | | |
| 25 | | | 9955 | | | 64 | | | | | |
| 26 | | | 9956 | | | 65 | | | | | |
| 27 | | | 9957 | | | 66 | | | | | |
| 28 | | | 9958 | | | 67 | | | | | |
| 29 | | | CC0P8 | | | 68 | | | | | |
| 30 | | | CCB8 | | | 69 | | | | | |
| 31 | | | 9958 | | | 70 | | | | | |
| 32 | | | 9959 | | | 71 | | | | | |
| 33 | | | 9960 | | | 72 | | | | | |
| 34 | -2635 | BLK | 0163 | | | 73 | | | | | |
| 35 | | WA100 | 0164 | | | 74 | | | | | |
| 36 | | | 0160 | | | 75 | | | | | |
| 37 | | | 0161 | | | 76 | | | | | |
| 38 | | | 0162 | | | 77 | | | | | |



Calibration Standard : BLANK

11:35 AM 31/ 8/93

Task name : AB

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (KPulses) |
|------------|-----------------|
| On Peak 1 | 1.855 |
| On Peak 2 | 1.860 |
| On Peak 3 | 1.859 |
| OffPeak1 1 | 1.810 |
| OffPeak2 1 | |
| Mean | 0.048 |
| S.D. | 0.003 |
| % R.S.D. | 5.512 |

Calibration Standard : ICL @ 1:10

11:36 AM 31/ 8/93

Task name : AB

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (KPulses) |
|------------|-----------------|
| On Peak 1 | 2.779 |
| On Peak 2 | 2.777 |
| On Peak 3 | 2.771 |
| OffPeak1 1 | 1.820 |
| OffPeak2 1 | |
| Mean | 0.956 |
| S.D. | 0.004 |
| % R.S.D. | 0.436 |

Calibration Standard : ICL @ 1:2 11:38 AM 31/ 8/93
 Task name : AG
 On-Peak Integrations : 3 Off-Peak Integrations : 1

 Ag
 (KPulses)
 On Peak 1 6.413
 On Peak 2 6.418
 On Peak 3 6.369

OffPeak1 1 1.833
 OffPeak2 1
 Mean 4.567
 S.D. 0.027
 % R.S.D. 0.590

 Calibration Standard : ICL 11:40 AM 31/ 8/93
 Task name : AG
 On-Peak Integrations : 3 Off-Peak Integrations : 1

 Ag
 (KPulses)
 On Peak 1 10.774
 On Peak 2 10.784
 On Peak 3 10.802
 OffPeak1 1 1.875
 OffPeak2 1
 Mean 8.912
 S.D. 0.014
 % R.S.D. 0.159

 On-Peak Counts Output 11:42 AM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|----------------|
| Ag | 14 | 2.779 | 2.781 2.776 |

 Background Counts Output 11:43 AM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ag | 14 B61 | 1.824 | |

Corrected Counts Statistics 11:43 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ag 14 | 0.955 | 0.003 | 0.264 |

Identity 1: Identity 2: $W_1 W_2 P \bar{U} \bar{R}_1$
 @ 11:43 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts |
|-----------------|-------------------|
| Ag 14 | 0.955 0.957 0.952 |

Identity 1: Identity 2: $W_1 W_2 P \bar{U} \bar{R}_1$
 @ 11:43 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Ag (ppm) |
|----------------|
| Mean 0.202 |
| S.D. 0.001 |
| Z R.S.D. 0.278 |

On-Peak Counts Output 11:44 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | On Peak Kpulses |
|-----------------|-------------------|
| Ag 14 | 1.852 1.852 1.855 |

Background Counts Output 11:44 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Background Kpulses |
|-----------------|--------------------|
|-----------------|--------------------|

 Ag 14 BGI 1.808

Corrected Counts Statistics 11:44 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

 Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

 Ag 14 0.045 0.002 3.849

Identity 1: icbp Identity 2: W₁*W₇PÜ&r₇

® 11:45 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

 Analyte Channel Corrected Counts

Ag 14 0.044 0.044 0.047

Identity 1: icbp Identity 2: W₁*W₇PÜ&r₇

® 11:45 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

 Ag
 (ppm)
 Mean -0.001
 S.D. 0.000
 % R.S.D. 57.331

On-Peak Counts Output 11:46 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

 Analyte Channel On Peak Kpulses

Ag 14 1.937 1.931 1.934

Background Counts Output 11:46 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
| Ag | 14 BG1 | 1.809 |

Corrected Counts Statistics 11:46 AM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ag 14 | 0.125 | 0.003 | 2.400 |

Identity 1: cr11 Identity 2: W₁W₁PÜ&r₁
 @ 11:46 AM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts |
|-----------------|-------------------|
| Ag 14 | 0.128 0.122 0.125 |

Identity 1: cr11 Identity 2: W₁W₁PÜ&r₁
 @ 11:46 AM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Ag (ppm) | |
|----------|-------|
| Mean | 0.017 |
| S.D. | 0.001 |
| % R.S.D. | 3.897 |

On-Peak Counts Output 11:47 AM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | On Peak Kpulses |
|-----------------|-------------------|
| Ag 14 | 1.879 1.879 1.881 |

Background Counts Output 11:47 AM August 31, 1993
 Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
| Ag | 14 B61 | 1.836 |

Corrected Counts Statistics 11:47 AM August 31, 1993
 Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.044 | 0.001 | 2.644 |

Identity 1: icsal Identity 2: W₁W₇PÜ&g₇
 @ 11:48 AM August 31, 1993
 Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.043 | 0.043 | 0.045 |

Identity 1: icsal Identity 2: W₁W₇PÜ&g₇
 @ 11:48 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Ag (ppm) | |
|-------------|--------|
| Mean | -0.001 |
| S.D. | 0.000 |
| % R.S.D. | 26.518 |

On-Peak Counts Output 11:49 AM August 31, 1993
 Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses | | |
|---------|---------|-----------------|-------|-------|
| Ag | 14 | 6.420 | 6.437 | 6.406 |

Background Counts Output 11:49 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
| Ag | 14 BG1 | 1.845 |

Corrected Counts Statistics 11:49 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 4.576 | 0.016 | 0.339 |

Identity 1: icsabl Identity 2: W₁*W₃PÜ&R₇

11:49 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 4.575 | 4.592 | 4.561 |

Identity 1: icsabl Identity 2: W₁*W₃PÜ&R₇

11:49 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Ag (ppm) | |
|-------------|-------|
| Mean | 1.007 |
| S.D. | 0.003 |
| Z R.S.D. | 0.343 |

On-Peak Counts Output 11:50 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses | | |
|---------|---------|-----------------|-------|-------|
| Ag | 14 | 6.397 | 6.391 | 6.389 |

Background Counts Output 11:51 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses-----
Ag 14 BG1 1.854

Corrected Counts Statistics 11:51 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses-----
Ag 14 4.538 0.004 0.092
-----Identity 1: ccvpl Identity 2: W₁W₂PÜ&r₁

@ 11:51 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts-----
Ag 14 4.543 4.537 4.535
-----Identity 1: ccvpl Identity 2: W₁W₂PÜ&r₁

@ 11:51 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag
(ppm)
Mean 0.999
S.D. 0.001
% R.S.D. 0.093

On-Peak Counts Output 11:52 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 1.857 1.857 1.850

Background Counts Output 11:52 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 B61 1.813

Corrected Counts Statistics 11:52 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | XR.S.D. | Kpulses | Kpulses | Kpulses |
|---------|---------|------|------|---------|---------|---------|---------|
|---------|---------|------|------|---------|---------|---------|---------|

| | | | | | | | |
|----|----|-------|-------|-------|--|--|--|
| Ag | 14 | 0.042 | 0.004 | 9.699 | | | |
|----|----|-------|-------|-------|--|--|--|

Identity 1: ccbl Identity 2: 11:52 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------|
| Ag | 14 | 0.044 | 0.037 |
|----|----|-------|-------|

Identity 1: ccbl Identity 2: 11:52 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.001 |
| S.D. | 0.001 |
| % R.S.D. | 63.600 |

On-Peak Counts Output 11:54 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.857 1.857 1.867

Background Counts Output 11:54 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BGI 1.808

Corrected Counts Statistics 11:54 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | XR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|--------|
| Ag | 14 | 0.052 | 0.006 | 11.032 |
|----|----|-------|-------|--------|

Identity 1: 9978 Identity 2: 11:54 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--|--|
|---------|---------|------------------|--|--|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.049 | 0.049 | 0.059 |
|----|----|-------|-------|-------|

Identity 1: 9978 Identity 2: 11:54 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.001 |
| S.D. | 0.001 |
| % R.S.D. | 133.887 |

On-Peak Counts Output 11:55 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 3.341 3.338 3.345

Background Counts Output 11:55 AM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 B61 1.815

Corrected Counts Statistics 11:55 AM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ag 14 | 1.526 | 0.004 | 0.230 |

Identity 1: 9979 Identity 2: 11:55 AM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts |
|-----------------|-------------------|
| Ag 14 | 1.526 1.523 1.530 |

Identity 1: 9979 Identity 2: 11:55 AM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|----------|
| Mean | 0.329 |
| S.D. | 0.001 |
| Z R.S.D. | 0.238 |

On-Peak Counts Output 11:57 AM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | On Peak Kpulses |
|-----------------|-----------------|
|-----------------|-----------------|

Ag 14 1.858 1.857 1.867

Background Counts Output 11:57 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 B61 1.826

Corrected Counts Statistics 11:57 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|--------|
| Ag | 14 | 0.035 | 0.006 | 15.887 |
|----|----|-------|-------|--------|

Identity 1: 9982 Identity 2: 11:57 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--|--|
|---------|---------|------------------|--|--|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.032 | 0.031 | 0.041 |
|----|----|-------|-------|-------|

Identity 1: 9982 Identity 2: 11:57 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Ag | |
|----------|--------|
| (ppm) | |
| Mean | -0.003 |
| S.D. | 0.001 |
| % R.S.D. | 41.241 |

On-Peak Counts Output 11:58 AM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.865 1.864 1.853

Background Counts Output 11:58 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BG1 1.824

Corrected Counts Statistics 11:58 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.037 | 0.007 | 18.159 |

Identity 1: 99821 Identity 2: 11:59 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.041 | 0.040 | 0.029 |

Identity 1: 99821 Identity 2: 11:59 AM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.003 |
| S.D. | 0.001 |
| Z R.S.D. | 58.641 |

On-Peak Counts Output 12:00 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.893 1.895 1.883

Background Counts Output 12:00 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | | |
|----|--------|-------|--|
| Ag | 14 BGI | 1.801 | |
|----|--------|-------|--|

Corrected Counts Statistics 12:00 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.089 | 0.006 | 7.197 |
|----|----|-------|-------|-------|

Identity 1: 9934 Identity 2: 12:00 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.092 | 0.094 0.082 |
|----|----|-------|-------------|

Identity 1: 9934 Identity 2: 12:00 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Ag | |
|----------|--------|
| (ppm) | |
| Mean | 0.009 |
| S.D. | 0.001 |
| % R.S.D. | 15.562 |

On-Peak Counts Output 12:02 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 2.940 2.944 2.948

Background Counts Output 12:02 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | | |
|----|----|-----|-------|
| Ag | 14 | BG1 | 1.827 |
|----|----|-----|-------|

Corrected Counts Statistics 12:02 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | %R.S.D. | Kpulses |
|---------|---------|------|------|---------|---------|
|---------|---------|------|------|---------|---------|

| | | | | | |
|----|----|-------|-------|-------|--|
| Ag | 14 | 1.117 | 0.004 | 0.358 | |
|----|----|-------|-------|-------|--|

Identity 1: 9935 Identity 2: 12:04 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 1.113 | 1.117 1.121 |
|----|----|-------|-------------|

Identity 1: 9935 Identity 2: 12:04 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.238 |
| S.D. | 0.001 |
| % R.S.D. | 0.374 |

On-Peak Counts Output 12:06 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.862 1.859 1.865

Background Counts Output 12:06 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
| Ag | 14 | 1.819 |

Ag 14 B61 1.819

Corrected Counts Statistics 12:06 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.043 | 0.003 | 6.977 |

Identity 1: 9928 Identity 2: 12:06 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.043 | 0.040 | 0.046 |

Identity 1: 9928 Identity 2: 12:06 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.001 |
| S.D. | 0.001 |
| % R.S.D. | 59.748 |

On-Peak Counts Output 12:07 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
| Ag | 14 | 1.819 |

Ag 14 1.861 1.858 1.862

Background Counts Output 12:07 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BG1 1.818

Corrected Counts Statistics 12:07 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | Kpulses | %R.S.D. | Kpulses |
|---------|---------|-------|-------|---------|---------|---------|
| Ag | 14 | 0.042 | 0.002 | | 4.917 | |

Identity 1: 9929 Identity 2: 12:08 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.043 | 0.040 0.044 |
|----|----|-------|-------------|

Identity 1: 9929 Identity 2: 12:08 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.001 |
| S.D. | 0.000 |
| % R.S.D. | 36.599 |

On-Peak Counts Output 12:09 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.868 1.862 1.867

Background Counts Output 12:09 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 B61 1.822

Corrected Counts Statistics 12:09 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.044 | 0.003 | 7.362 |

Identity 1: 9930 Identity 2: 12:09 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.046 | 0.040 | 0.045 |

Identity 1: 9930 Identity 2: 12:09 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.001 |
| S.D. | 0.001 |
| % R.S.D. | 73.822 |

On-Peak Counts Output 12:11 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 3.527 3.536 3.517

Background Counts Output 12:11 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

| | | |
|----|--------|-------|
| Ag | 14 B61 | 1.884 |
|----|--------|-------|

Corrected Counts Statistics 12:11 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 1.643 | 0.010 | 0.579 |
|----|----|-------|-------|-------|

Identity 1: +icl Identity 2: 12:11 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

| | | |
|----|----|-------------------|
| Ag | 14 | 1.643 1.652 1.633 |
|----|----|-------------------|

Identity 1: +icl Identity 2: 12:11 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.355 |
| S.D. | 0.002 |
| % R.S.D. | 0.596 |

On-Peak Counts Output 12:13 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 6.456 6.482 6.501

Background Counts Output 12:13 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

| | | |
|----|--------|-------|
| Ag | 14 B61 | 1.853 |
|----|--------|-------|

Corrected Counts Statistics 12:13 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 4.627 | 0.023 | 0.488 |

Identity 1: ccvp2 Identity 2: 12:13 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|-------------------|
| Ag | 14 | 4.603 4.629 4.648 |

Identity 1: ccvp2 Identity 2: 12:13 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 1.019 |
| S.D. | 0.005 |
| % R.S.D. | 0.493 |

On-Peak Counts Output 12:15 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 1.877 1.872 1.870

Background Counts Output 12:15 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Table with 3 columns: Analyte, Channel, Background Kpulses. Row 1: Ag, 14 861, 1.810

Corrected Counts Statistics 12:15 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Table with 5 columns: Analyte, Channel, Mean Kpulses, S.D. Kpulses, %R.S.D. Kpulses. Row 1: Ag, 14, 0.063, 0.004, 5.723

Identity 1: ccb2 Identity 2: 12:15 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Table with 5 columns: Analyte, Channel, Corrected Counts (3 sub-columns). Row 1: Ag, 14, 0.067, 0.062, 0.060

Identity 1: ccb2 Identity 2: 12:15 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Table with 2 columns: Ag (ppm), Mean, S.D., % R.S.D. Row 1: 0.003, 0.001, 24.071

On-Peak Counts Output 12:16 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Table with 3 columns: Analyte, Channel, On Peak Kpulses

Ag 14 2.110 2.119 2.116

Background Counts Output 12:18 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BG1 1.815

Corrected Counts Statistics 12:18 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | ZR.S.D. | Kpulses |
|---------|---------|------|------|---------|---------|
|---------|---------|------|------|---------|---------|

| | | | | | |
|----|----|-------|-------|-------|--|
| Ag | 14 | 0.300 | 0.005 | 1.528 | |
|----|----|-------|-------|-------|--|

Identity 1: 9932 Identity 2: 12:18 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.295 | 0.304 0.301 |
|----|----|-------|-------------|

Identity 1: 9932 Identity 2: 12:18 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.056 |
| S.D. | 0.001 |
| % R.S.D. | 1.819 |

On-Peak Counts Output 12:19 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.850 1.857 1.860

Background Counts Output 12:19 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BG1 1.804

Corrected Counts Statistics 12:19 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | %R.S.D. | Kpulses |
|---------|---------|-------|-------|---------|---------|
| Ag | 14 | 0.052 | 0.005 | 9.932 | |

Identity 1: 9933 Identity 2: 12:19 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.046 | 0.053 0.056 |
|----|----|-------|-------------|

Identity 1: 9933 Identity 2: 12:19 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.001 |
| S.D. | 0.001 |
| % R.S.D. | 140.764 |

On-Peak Counts Output 12:21 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 3.376 3.380 3.379

Background Counts Output 12:23 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 B61 1.818

Corrected Counts Statistics 12:23 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 1.560 | 0.002 | 0.133 |

Identity 1: 0061 Identity 2: 12:23 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--|--|
|---------|---------|------------------|--|--|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 1.558 | 1.562 | 1.561 |
|----|----|-------|-------|-------|

Identity 1: 0061 Identity 2: 12:23 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|----------|
| Mean | 0.336 |
| S.D. | 0.000 |
| % R.S.D. | 0.138 |

On-Peak Counts Output 12:24 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 1.898 1.885 1.896

Background Counts Output 12:24 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 B61 1.825

Corrected Counts Statistics 12:24 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | X.R.S.D. Kpulses |
|---------|---------|--------------|--------------|------------------|
|---------|---------|--------------|--------------|------------------|

| | | | | |
|----|----|-------|-------|--------|
| Ag | 14 | 0.068 | 0.007 | 10.294 |
|----|----|-------|-------|--------|

Identity 1: 0043 Identity 2: 12:25 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--|--|
|---------|---------|------------------|--|--|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.073 | 0.060 | 0.071 |
|----|----|-------|-------|-------|

Identity 1: 0043 Identity 2: 12:25 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.004 |
| S.D. | 0.002 |
| Z R.S.D. | 35.037 |

On-Peak Counts Output 12:26 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.878 1.871 1.867

Background Counts Output 12:26 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 861 1.824

Corrected Counts Statistics 12:26 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.048 | 0.006 | 11.600 |

Identity 1: 00431 Identity 2: 12:26 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.054 | 0.047 | 0.043 |

Identity 1: 00431 Identity 2: 12:26 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Ag (ppm) | |
|-------------|-----------|
| Mean | -0.000 |
| S.D. | 0.001 |
| % R.S.D. | 26356.243 |

On-Peak Counts Output 12:28 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 1.879 1.889 1.882

Background Counts Output 12:28 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 B61 1.805

Corrected Counts Statistics 12:28 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.078 | 0.005 | 6.551 |

Identity 1: 00445 Identity 2: 12:28 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.074 | 0.084 | 0.077 |

Identity 1: 00445 Identity 2: 12:28 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Ag (ppm) | |
|-------------|--------|
| Mean | 0.007 |
| S.D. | 0.001 |
| % R.S.D. | 16.929 |

On-Peak Counts Output 12:29 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 1.892 1.879 1.871

Background Counts Output 12:29 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 B61 1.801

Corrected Counts Statistics 12:29 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.080 | 0.011 | 13.304 |

Identity 1: 0045 Identity 2: 12:29 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.091 | 0.078 | 0.070 |

Identity 1: 0045 Identity 2: 12:29 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.007 |
| S.D. | 0.002 |
| % R.S.D. | 33.492 |

On-Peak Counts Output 12:31 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.886 1.882 1.879

Background Counts Output 12:31 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BGI 1.813

Corrected Counts Statistics 12:31 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.069 | 0.004 | 5.065 |

Identity 1: 0046 Identity 2: 12:31 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.073 | 0.069 | 0.066 |

Identity 1: 0046 Identity 2: 12:31 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.005 |
| S.D. | 0.001 |
| % R.S.D. | 16.478 |

On-Peak Counts Output 12:33 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

On-Peak Counts Output 12:34 PM August 31, 1993
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Analyte Channel On Peak Kpulses

Mean 1.017
 S.D. 0.004
 Z R.S.D. 0.394
 Ag (ppm)

Identity 1: ccvps Identity 2:
 12:33 PM August 31, 1993
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag 14 4.616 4.641 4.606
 Analyte Channel Corrected Counts

Identity 1: ccvps Identity 2:
 12:33 PM August 31, 1993
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag 14 4.621 0.018 0.390
 Analyte Channel Mean Kpulses S.D. Kpulses ZR.S.D. Kpulses

Corrected Counts Statistics 12:33 PM August 31, 1993
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag 14 861 1.853

Background Counts Output 12:33 PM August 31, 1993
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Analyte Channel Background Kpulses

Ag 14 6.469 6.494 6.459

| Ag | 14 | 1.984 | 1.989 | 1.991 |
|-----------------------------|---------------------------|--------------------------|-----------------------|------------------------|
| ----- | | | | |
| Background Counts Output | 12:34 PM August 31, 1993 | Task name : Ag | Sample Weight : 1.000 | Solution Volume : 1.00 |
| On-Peak Integrations : 3 | Off-Peak Integrations : 1 | | | |
| ----- | | | | |
| Analyte Channel | Background Kpulses | | | |
| ----- | | | | |
| Corrected Counts Statistics | 12:34 PM August 31, 1993 | Task name : Ag | Sample Weight : 1.000 | Solution Volume : 1.00 |
| On-Peak Integrations : 3 | Off-Peak Integrations : 1 | | | |
| ----- | | | | |
| Analyte Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses | |
| Ag | 14 | 0.043 | 0.004 | 8.385 |
| ----- | | | | |
| Identity 1: ccb3 | Identity 2: | 12:34 PM August 31, 1993 | Task name : Ag | Sample Weight : 1.000 |
| On-Peak Integrations : 3 | Off-Peak Integrations : 1 | | | |
| ----- | | | | |
| Analyte Channel | Corrected Counts | | | |
| Ag | 14 | 0.039 | 0.044 | 0.046 |
| ----- | | | | |
| Identity 1: ccb3 | Identity 2: | 12:34 PM August 31, 1993 | Task name : Ag | Sample Weight : 1.000 |
| On-Peak Integrations : 3 | Off-Peak Integrations : 1 | | | |
| ----- | | | | |
| Ag | 14 | 71.808 | 0.001 | -0.001 |
| Mean | (ppm) | S.D. | %R.S.D. | |
| ----- | | | | |
| On-Peak Counts Output | 12:36 PM August 31, 1993 | Task name : Ag | Sample Weight : 1.000 | Solution Volume : 1.00 |
| On-Peak Integrations : 3 | Off-Peak Integrations : 1 | | | |
| ----- | | | | |
| Analyte Channel | On Peak Kpulses | | | |

Ag 14 2.000 2.002 2.004

Background Counts Output 12:36 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | | |
|----|----|-----|-------|
| Ag | 14 | B61 | 1.939 |
|----|----|-----|-------|

Corrected Counts Statistics 12:36 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.063 | 0.002 | 3.175 |
|----|----|-------|-------|-------|

Identity 1: 0047 Identity 2: 12:36 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.061 | 0.063 0.065 |
|----|----|-------|-------------|

Identity 1: 0047 Identity 2: 12:36 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.003 |
| S.D. | 0.000 |
| % R.S.D. | 13.352 |

On-Peak Counts Output 12:37 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 2.002 1.993 1.994

Background Counts Output 12:37 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 B61 1.940

Corrected Counts Statistics 12:37 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | Z R.S.D. Kpulses |
|---------|---------|--------------|--------------|------------------|
| Ag | 14 | 0.056 | 0.005 | 8.757 |

Identity 1: 0048 Identity 2: 12:37 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|-------------|
| Ag | 14 | 0.062 | 0.053 0.054 |

Identity 1: 0048 Identity 2: 12:38 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.002 |
| S.D. | 0.001 |
| Z R.S.D. | 59.345 |

On-Peak Counts Output 12:39 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.983 1.995 1.983

Background Counts Output 12:39 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 861 1.937

Corrected Counts Statistics 12:39 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | %R.S.D. | Kpulses |
|---------|---------|-------|-------|---------|---------|
| Ag | 14 | 0.050 | 0.007 | 13.856 | |

Identity 1: 0049 Identity 2: 12:39 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | |
|---------|---------|------------------|-------|
| Ag | 14 | 0.046 | 0.046 |

Identity 1: 0049 Identity 2: 12:39 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.000 |
| S.D. | 0.002 |
| % R.S.D. | 350.108 |

On-Peak Counts Output 12:40 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.980 1.981 1.981

Background Counts Output 12:40 PM August 31, 1993

Task name : AB

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 BGI 1.935

Corrected Counts Statistics 12:40 PM August 31, 1993

Task name : AB

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
|-----------------|--------------|--------------|-----------------|

| | | | |
|-------|-------|-------|-------|
| Ag 14 | 0.046 | 0.001 | 1.264 |
|-------|-------|-------|-------|

Identity 1: 0050 Identity 2: 12:41 PM August 31, 1993

Task name : AB

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts |
|-----------------|------------------|
|-----------------|------------------|

| | |
|-------|-------------------|
| Ag 14 | 0.045 0.046 0.046 |
|-------|-------------------|

Identity 1: 0050 Identity 2: 12:41 PM August 31, 1993

Task name : AB

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.001 |
| S.D. | 0.000 |
| % R.S.D. | 24.522 |

On-Peak Counts Output 12:42 PM August 31, 1993

Task name : AB

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | On Peak Kpulses |
|-----------------|-----------------|
|-----------------|-----------------|

Ag 14 1.994 1.988 1.992

Background Counts Output 12:42 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 BG1 1.933

Corrected Counts Statistics 12:42 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.058 | 0.003 | 5.237 |
|----|----|-------|-------|-------|

Identity 1: 0051 Identity 2: 12:42 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--|--|
|---------|---------|------------------|--|--|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.061 | 0.055 | 0.059 |
|----|----|-------|-------|-------|

Identity 1: 0051 Identity 2: 12:42 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.002 |
| S.D. | 0.001 |
| % R.S.D. | 29.626 |

On-Peak Counts Output 12:43 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 1.984 1.979 1.987

Background Counts Output 12:44 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 B61 1.931

Corrected Counts Statistics 12:44 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.052 | 0.004 | 7.723 |

Identity 1: 0052 Identity 2: 12:44 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|-------------|
| Ag | 14 | 0.053 | 0.048 0.056 |

Identity 1: 0052 Identity 2: 12:44 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|----------|
| Mean | 0.001 |
| S.D. | 0.001 |
| Z R.S.D. | 93.721 |

On-Peak Counts Output 12:46 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.982 1.980 1.984

Background Counts Output 12:46 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 RG1 1.926

Corrected Counts Statistics 12:46 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.056 | 0.002 | 3.571 |

Identity 1: 0053 Identity 2: 12:46 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.056 | 0.054 | 0.058 |

Identity 1: 0053 Identity 2: 12:46 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.002 |
| S.D. | 0.000 |
| % R.S.D. | 25.066 |

On-Peak Counts Output 12:48 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 1.976 1.973 1.972

Background Counts Output 12:48 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 861 1.927

Corrected Counts Statistics 12:48 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.047 | 0.002 | 4.461 |

Identity 1: 0054 Identity 2: 12:48 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.049 | 0.046 | 0.045 |

Identity 1: 0054 Identity 2: 12:48 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.000 |
| S.D. | 0.000 |
| % R.S.D. | 153.690 |

On-Peak Counts Output 12:49 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 1.981 1.979 1.978

Background Counts Output 12:49 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 B61 1.920

Corrected Counts Statistics 12:49 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.059 | 0.002 | 2.574 |
|----|----|-------|-------|-------|

Identity 1: 0055 Identity 2: 12:49 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--|--|
|---------|---------|------------------|--|--|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.061 | 0.059 | 0.058 |
|----|----|-------|-------|-------|

Identity 1: 0055 Identity 2: 12:49 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.003 |
| S.D. | 0.000 |
| % R.S.D. | 13.503 |

On-Peak Counts Output 12:51 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

 Analyte Channel On Peak Kpulses

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : Ag
 On-Peak Counts Output 12:53 PM August 31, 1993

Mean 0.644
 S.D. 0.030
 % R.S.D. 4.688

 Identity 1: +1c1 Identity 2:
 12:51 PM August 31, 1993
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag 14 3.099 2.878 2.852

 Analyte Channel Corrected Counts

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : Ag
 Identity 1: +1c1 Identity 2: 12:51 PM August 31, 1993

Ag 14 2.943 0.136 4.612

 Analyte Channel Mean Kpulses S.D. Kpulses % R.S.D. Kpulses

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : Ag
 Corrected Counts Statistics 12:51 PM August 31, 1993

Ag 14 861 1.999

 Analyte Channel Background Kpulses

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : Ag
 Background Counts Output 12:51 PM August 31, 1993

Ag 14 5.098 4.877 4.851

Ag 14 6.632 6.676 6.646

Background Counts Output 12:53 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Ag | 14 | 6.632 | 6.676 |

| | | | |
|----|----|-----|-------|
| Ag | 14 | 861 | 1.975 |
|----|----|-----|-------|

Corrected Counts Statistics 12:53 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 4.676 | 0.022 | 0.481 |

Identity 1: cvp4 Identity 2: 12:53 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 4.657 | 4.701 | 4.671 |

Identity 1: ~~cvp4~~ Identity 2: 12:53 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

copy

| | Ag (ppm) |
|----------|-------------|
| Mean | 1.030 |
| S.D. | 0.005 |
| % R.S.D. | 0.486 |

On-Peak Counts Output 12:54 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
| Ag | 14 | 1.030 | 1.030 |

Ag 14 1.984 1.981 1.981

Background Counts Output 12:54 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 B61 1.942

Corrected Counts Statistics 12:54 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | Kpulses | S.D. | Kpulses | %R.S.D. | Kpulses |
|---------|---------|------|---------|------|---------|---------|---------|
|---------|---------|------|---------|------|---------|---------|---------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.040 | 0.002 | 4.330 |
|----|----|-------|-------|-------|

Identity 1: ccb4 Identity 2: 12:54 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.042 | 0.039 0.039 |
|----|----|-------|-------------|

Identity 1: ccb4 Identity 2: 12:54 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.002 |
| S.D. | 0.000 |
| % R.S.D. | 21.594 |

On-Peak Counts Output 12:56 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 2.137 2.135 2.132

Background Counts Output 12:56 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | | |
|----|----|-----|-------|
| Ag | 14 | BG1 | 1.946 |
|----|----|-----|-------|

Corrected Counts Statistics 12:56 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | %R.S.D. | Kpulses |
|---------|---------|------|------|---------|---------|
|---------|---------|------|------|---------|---------|

| | | | | | |
|----|----|-------|-------|-------|--|
| Ag | 14 | 0.189 | 0.003 | 1.334 | |
|----|----|-------|-------|-------|--|

Identity 1: 0056 Identity 2: 12:56 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.191 | 0.189 0.186 |
|----|----|-------|-------------|

Identity 1: 0056 Identity 2: 12:56 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.031 |
| S.D. | 0.001 |
| % R.S.D. | 1.789 |

On-Peak Counts Output 12:57 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.982 1.990 1.979

Background Counts Output 12:57 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 B61 1.932

Corrected Counts Statistics 12:57 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|--------|
| Ag | 14 | 0.052 | 0.006 | 11.006 |
|----|----|-------|-------|--------|

Identity 1: 0057 Identity 2: 12:57 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--|--|
|---------|---------|------------------|--|--|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.050 | 0.058 | 0.047 |
|----|----|-------|-------|-------|

Identity 1: 0057 Identity 2: 12:57 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.001 |
| S.D. | 0.001 |
| % R.S.D. | 155.978 |

On-Peak Counts Output 12:59 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 1.974 1.981 1.983

Background Counts Output 12:59 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 B61 1.946

Corrected Counts Statistics 12:59 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ag 14 | 0.033 | 0.005 | 14.177 |

Identity 1: 0058 Identity 2: 12:59 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts |
|-----------------|-------------------|
| Ag 14 | 0.028 0.035 0.037 |

Identity 1: 0058 Identity 2: 12:59 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|----------|
| Mean | -0.003 |
| S.D. | 0.001 |
| % R.S.D. | 32.175 |

On-Peak Counts Output 1:00 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | On Peak Kpulses |
|-----------------|-----------------|
|-----------------|-----------------|

Ag 14 2.012 2.009 2.010

Background Counts Output 1:00 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

| | | |
|----|--------|-------|
| Ag | 14 BG1 | 1.959 |
|----|--------|-------|

Corrected Counts Statistics 1:00 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.051 | 0.002 | 2.976 |

Identity 1: 9936 Identity 2: 1:01 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.053 | 0.050 | 0.051 |

Identity 1: 9936 Identity 2: 1:01 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.001 |
| S.D. | 0.000 |
| % R.S.D. | 46.118 |

On-Peak Counts Output 1:02 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

 Analyte Channel On Peak Kpulses

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : Ag
 On-Peak Counts Output 1:03 PM August 31, 1993

 Mean 0.000
 S.D. 0.001
 Z R.S.D. 853.170
 Ag (ppm)

 Identity 1: 99361 Identity 2:
 1:02 PM August 31, 1993
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

 Ag 14 0.055 0.045 0.046
 Analyte Channel Corrected Counts

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : Ag
 Identity 1: 99361 Identity 2: 1:02 PM August 31, 1993

 Ag 14 0.049 0.006 11.317
 Analyte Channel Mean Kpulses S.D. Kpulses ZR.S.D. Kpulses

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : Ag
 Corrected Counts Statistics 1:02 PM August 31, 1993

 Ag 14 B61 1.949

 Analyte Channel Background Kpulses

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : Ag
 Background Counts Output 1:02 PM August 31, 1993

 Ag 14 2.004 1.994 1.995

 Analyte Channel On Peak Kpulses

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : Ag
 On-Peak Counts Output 1:05 PM August 31, 1993

 Mean (ppm) 0.001
 S.D. 0.001
 % R.S.D. 93.721

 Identity 1: 9937 Identity 2:
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1
 1:04 PM August 31, 1993

 Ag 14 0.048 0.053 0.056

 Analyte Channel Corrected Counts

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : Ag
 Identity 1: 9937 Identity 2: 1:04 PM August 31, 1993

 Ag 14 0.052 0.004 7.723

 Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : Ag
 Corrected Counts Statistics 1:03 PM August 31, 1993

 Ag 14 B61 1.949

 Analyte Channel Background Kpulses

 On-Peak Integrations : 3 Off-Peak Integrations : 1
 Sample Weight : 1.0000 Solution Volume : 1.00
 Task name : Ag
 Background Counts Output 1:03 PM August 31, 1993

 Ag 14 1.997 2.002 2.005

Ag 14 2.020 2.020 2.017

Background Counts Output 1:05 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 BG1 1.958

Corrected Counts Statistics 1:05 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses XR.S.D. Kpulses
Ag 14 0.061 0.002 2.839

Identity 1: 9938 Identity 2: 1:05 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts
Ag 14 0.062 0.062 0.059

Identity 1: 9938 Identity 2: 1:05 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag (ppm)
Mean 0.003
S.D. 0.000
% R.S.D. 13.345

On-Peak Counts Output 1:07 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 2.002 1.998 1.982

Background Counts Output 1:07 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 BG1 1.947

Corrected Counts Statistics 1:07 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.047 | 0.011 | 22.517 |

Identity 1: 9939 Identity 2: 1:07 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.055 | 0.051 | 0.035 |

Identity 1: 9939 Identity 2: 1:07 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.000 |
| S.D. | 0.002 |
| Z R.S.D. | 1036.406 |

On-Peak Counts Output 1:08 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 1.988 1.986 1.986

Background Counts Output 1:08 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BGI 1.941

Corrected Counts Statistics 1:08 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.046 | 0.001 | 2.529 |

Identity 1: 9940 Identity 2: 1:08 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.047 | 0.045 | 0.045 |

Identity 1: 9940 Identity 2: 1:08 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.001 |
| S.D. | 0.000 |
| % R.S.D. | 49.043 |

On-Peak Counts Output 1:10 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.973 1.976 1.978

Background Counts Output 1:10 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 B61 1.939

Corrected Counts Statistics 1:10 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | Kpulses | %R.S.D. | Kpulses |
|---------|---------|------|------|---------|---------|---------|
|---------|---------|------|------|---------|---------|---------|

| | | | | | | |
|----|----|-------|-------|--|-------|--|
| Ag | 14 | 0.037 | 0.003 | | 6.863 | |
|----|----|-------|-------|--|-------|--|

Identity 1: 0113 Identity 2: 1:10 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.034 | 0.037 0.039 |
|----|----|-------|-------------|

Identity 1: 0113 Identity 2: 1:10 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.003 |
| S.D. | 0.001 |
| % R.S.D. | 22.164 |

On-Peak Counts Output 1:11 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 6.575 6.591 6.620

1085

Background Counts Output 1:11 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 BGI 1.980

Corrected Counts Statistics 1:11 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Ag 14 4.615 0.023 0.494

Identity 1: ccvp5 Identity 2: 1:12 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Ag 14 4.595 4.611 4.640

Identity 1: ccvp5 Identity 2: 1:12 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag
(ppm)
Mean 1.016
S.D. 0.005
% R.S.D. 0.499

On-Peak Counts Output 1:13 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 1.986 1.991 1.992

Background Counts Output 1:13 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 861 1.933

Corrected Counts Statistics 1:13 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.057 | 0.003 | 5.673 |
|----|----|-------|-------|-------|

Identity 1: rcb5 Identity 2: 1:13 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--|--|
|---------|---------|------------------|--|--|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.053 | 0.058 | 0.059 |
|----|----|-------|-------|-------|

Identity 1: rcb5 Identity 2: 1:13 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.002 |
| S.D. | 0.001 |
| % R.S.D. | 37.182 |

On-Peak Counts Output 1:15 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 4.194 4.205 4.206

Background Counts Output 1:15 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | | |
|----|--------|-------|--|
| Ag | 14 B61 | 1.955 | |
|----|--------|-------|--|

Corrected Counts Statistics 1:15 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 2.247 | 0.007 | 0.296 |
|----|----|-------|-------|-------|

Identity 1: 0114 Identity 2: 1:15 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 2.239 | 2.250 2.251 |
|----|----|-------|-------------|

Identity 1: 0114 Identity 2: 1:15 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.489 |
| S.D. | 0.001 |
| % R.S.D. | 0.303 |

On-Peak Counts Output 1:16 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.985 1.987 1.981

Background Counts Output 1:16 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 B61 1.948

Corrected Counts Statistics 1:17 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.036 | 0.003 | 8.408 |

Identity 1: 0107 Identity 2: 1:17 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.037 | 0.039 | 0.033 |

Identity 1: 0107 Identity 2: 1:17 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|----------|
| Mean | -0.003 |
| S.D. | 0.001 |
| % R.S.D. | 26.139 |

On-Peak Counts Output 1:18 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 1.975 1.990 1.990

Background Counts Output 1:20 PM August 31, 1993

Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 BGI 1.947

Corrected Counts Statistics 1:20 PM August 31, 1993

Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Ag 14 0.038 0.009 22.790

Identity 1: 0108 Identity 2: 1:20 PM August 31, 1993

Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Ag 14 0.028 0.043 0.043

Identity 1: 0108 Identity 2: 1:20 PM August 31, 1993

Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag
(ppm)
Mean -0.002
S.D. 0.002
% R.S.D. 86.420

On-Peak Counts Output 1:21 PM August 31, 1993

Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 2.188 2.188 2.188

Background Counts Output 1:21 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 B61 1.939

Corrected Counts Statistics 1:21 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ag 14 | 0.249 | 0.000 | 0.000 |

Identity 1: 0109 Identity 2: 1:21 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts |
|-----------------|-------------------|
| Ag 14 | 0.249 0.249 0.249 |

Identity 1: 0109 Identity 2: 1:21 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|----------|
| Mean | 0.045 |
| S.D. | 0.000 |
| Z R.S.D. | 0.000 |

On-Peak Counts Output 1:23 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 1.991 1.992 1.978

Background Counts Output 1:23 PM August 31, 1993

Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 BGI 1.967

Corrected Counts Statistics 1:23 PM August 31, 1993

Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses
Ag 14 0.020 0.008 39.051

Identity 1: 0110 Identity 2: 1:23 PM August 31, 1993

Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Ag 14 0.024 0.025 0.011

Identity 1: 0110 Identity 2: 1:23 PM August 31, 1993

Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag (ppm)
Mean -0.006
S.D. 0.002
% R.S.D. 27.873

On-Peak Counts Output 1:24 PM August 31, 1993

Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 4.466 4.466 4.449

Background Counts Output 1:24 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BGI 2.045

Corrected Counts Statistics 1:24 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 2.415 | 0.010 | 0.406 |

Identity 1: +icl Identity 2: 1:24 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 2.421 | 2.421 | 2.404 |

Identity 1: +icl Identity 2: 1:24 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|----------|
| Mean | 0.527 |
| S.D. | 0.002 |
| % R.S.D. | 0.415 |

On-Peak Counts Output 1:26 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.990 1.986 1.981

Background Counts Output 1:26 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 B61 1.956

Corrected Counts Statistics 1:26 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.030 | 0.005 | 15.200 |

Identity 1: 0111 Identity 2: 1:26 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.034 | 0.030 | 0.025 |

Identity 1: 0111 Identity 2: 1:26 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Ag | |
|----------|--------|
| (ppm) | |
| Mean | -0.004 |
| S.D. | 0.001 |
| % R.S.D. | 24.568 |

On-Peak Counts Output 1:27 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 2.124 2.128 2.121

Background Counts Output 1:27 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
| Ag | 14 | 1.955 |

| | | | |
|----|----|-----|-------|
| Ag | 14 | BG1 | 1.955 |
|----|----|-----|-------|

Corrected Counts Statistics 1:27 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | XR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.169 | 0.004 | 2.074 |

Identity 1: 0112 Identity 2: 1:27 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.169 | 0.173 | 0.166 |

Identity 1: 0112 Identity 2: 1:27 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.027 |
| S.D. | 0.001 |
| % R.S.D. | 2.895 |

On-Peak Counts Output 1:29 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
| Ag | 14 | 1.955 |

Ag 14 1.978 1.982 1.963

Background Counts Output 1:29 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 BGI 1.933

Corrected Counts Statistics 1:29 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.041 | 0.010 | 24.234 |

Identity 1: 9941 Identity 2: 1:29 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.045 | 0.049 | 0.030 |

Identity 1: 9941 Identity 2: 1:29 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.001 |
| S.D. | 0.002 |
| Z R.S.D. | 149.775 |

On-Peak Counts Output 1:31 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 6.620 6.596 6.606

Background Counts Output 1:31 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

| | | |
|----|--------|-------|
| Ag | 14 B61 | 1.978 |
|----|--------|-------|

Corrected Counts Statistics 1:31 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ag 14 | 4.629 | 0.012 | 0.260 |

Identity 1: ccvp6 Identity 2: 1:31 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Corrected Counts |
|-----------------|-------------------|
| Ag 14 | 4.642 4.618 4.628 |

Identity 1: ccvp6 Identity 2: 1:31 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|----------|
| Mean | 1.019 |
| S.D. | 0.003 |
| % R.S.D. | 0.263 |

On-Peak Counts Output 1:32 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | On Peak Kpulses |
|-----------------|-----------------|
|-----------------|-----------------|

Ag 14 1.981 1.987 1.982

Background Counts Output 1:32 PM August 31, 1993
Task name: Ag
Sample Weight: 1.000 Solution Volume: 1.00
On-Peak Integrations: 3 Off-Peak Integrations: 1
Analyte Channel Background Kpulses

Ag 14 861 1.934

Corrected Counts Statistics 1:32 PM August 31, 1993
Task name: Ag
Sample Weight: 1.000 Solution Volume: 1.00
On-Peak Integrations: 3 Off-Peak Integrations: 1
Analyte Channel Mean Kpulses S.D. Kpulses ZR.S.D. Kpulses

Ag 14 0.049 0.003 6.516

Identity 1: ccb6 Identity 2: 1:32 PM August 31, 1993
Task name: Ag
Sample Weight: 1.000 Solution Volume: 1.00
On-Peak Integrations: 3 Off-Peak Integrations: 1
Analyte Channel Corrected Counts

Ag 14 0.047 0.053 0.048

Identity 1: ccb6 Identity 2: 1:32 PM August 31, 1993
Task name: Ag
Sample Weight: 1.000 Solution Volume: 1.00
On-Peak Integrations: 3 Off-Peak Integrations: 1
Ag (ppm)
Mean 0.000
S.D. 0.001
Z R.S.D. 244.973

On-Peak Counts Output 1:34 PM August 31, 1993
Task name: Ag
Sample Weight: 1.000 Solution Volume: 1.00
On-Peak Integrations: 3 Off-Peak Integrations: 1
Analyte Channel On Peak Kpulses

Ag 14 1.984 1.978 1.986

Background Counts Output 1:34 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 B61 1.941

Corrected Counts Statistics 1:34 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.042 | 0.004 | 9.992 |
|----|----|-------|-------|-------|

Identity 1: 99411 Identity 2: 1:34 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

| | | |
|----|----|-------------------|
| Ag | 14 | 0.043 0.037 0.045 |
|----|----|-------------------|

Identity 1: 99411 Identity 2: 1:34 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.001 |
| S.D. | 0.001 |
| % R.S.D. | 65.518 |

On-Peak Counts Output 1:35 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 2.076 2.084 2.074

Background Counts Output 1:35 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | | |
|----|----|-----|-------|
| Ag | 14 | B61 | 1.933 |
|----|----|-----|-------|

Corrected Counts Statistics 1:35 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.145 | 0.005 | 3.649 |
|----|----|-------|-------|-------|

Identity 1: 9942 Identity 2: 1:35 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--|--|
|---------|---------|------------------|--|--|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.143 | 0.151 | 0.141 |
|----|----|-------|-------|-------|

Identity 1: 9942 Identity 2: 1:35 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.022 |
| S.D. | 0.001 |
| Z R.S.D. | 5.456 |

On-Peak Counts Output 1:37 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.976 1.976 1.968

Background Counts Output 1:37 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 861 1.928

Corrected Counts Statistics 1:37 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | Kpulses | ZR.S.D. | Kpulses |
|---------|---------|-------|-------|---------|---------|---------|
| Ag | 14 | 0.045 | 0.005 | | 10.189 | |

Identity 1: 9951 Identity 2: 1:37 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|-------------|
| Ag | 14 | 0.048 | 0.048 0.040 |

Identity 1: 9951 Identity 2: 1:37 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.001 |
| S.D. | 0.001 |
| % R.S.D. | 171.844 |

On-Peak Counts Output 1:38 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 4.168 4.180 4.178

Background Counts Output 1:38 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BG1 1.948

Corrected Counts Statistics 1:38 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 2.227 | 0.006 | 0.289 |

Identity 1: 9952 Identity 2: 1:38 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|-------------|
| Ag | 14 | 2.220 | 2.232 2.230 |

Identity 1: 9952 Identity 2: 1:38 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|----------|
| Mean | 0.485 |
| S.D. | 0.001 |
| % R.S.D. | 0.295 |

On-Peak Counts Output 1:40 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.996 1.994 1.989

Background Counts Output 1:40 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 B61 1.929

Corrected Counts Statistics 1:40 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.064 | 0.004 | 5.634 |
|----|----|-------|-------|-------|

Identity 1: 9943 Identity 2: 1:40 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--|--|
|---------|---------|------------------|--|--|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.067 | 0.065 | 0.060 |
|----|----|-------|-------|-------|

Identity 1: 9943 Identity 2: 1:40 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.004 |
| S.D. | 0.001 |
| % R.S.D. | 22.564 |

On-Peak Counts Output 1:41 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.982 1.987 1.976

Background Counts Output 1:41 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 BG1 1.938

Corrected Counts Statistics 1:41 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Ag 14 0.044 0.006 12.613

Identity 1: 99431 Identity 2: 1:41 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Ag 14 0.044 0.049 0.038

Identity 1: 99431 Identity 2: 1:41 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag
(ppm)
Mean -0.001
S.D. 0.001
% R.S.D. 126.481

On-Peak Counts Output 1:43 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 2.096 2.104 2.103

Background Counts Output 1:43 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 BGI 1.939

Corrected Counts Statistics 1:43 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Ag 14 0.162 0.004 2.691

Identity 1: 9944 Identity 2: 1:43 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Ag 14 0.157 0.165 0.164

Identity 1: 9944 Identity 2: 1:43 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag
(ppm)
Mean 0.025
S.D. 0.001
% R.S.D. 3.824

On-Peak Counts Output 1:44 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 1.992 2.003 2.003

Background Counts Output 1:44 PM August 31, 1993
Task name : Ag
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1
Analyte Channel Background Kpulses

Ag 14 BGI 1.953

Corrected Counts Statistics 1:44 PM August 31, 1993
Task name : Ag
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1
Analyte Channel Mean Kpulses S.D. Kpulses XR.S.D. Kpulses

Ag 14 0.046 0.006 13.707

Identity 1: 9945 Identity 2: 1:44 PM August 31, 1993
Task name : Ag
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1
Analyte Channel Corrected Counts

Ag 14 0.039 0.050 0.050

Identity 1: 9945 Identity 2: 1:44 PM August 31, 1993
Task name : Ag
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag
Mean -0.000
S.D. 0.001
% R.S.D. 376.282

On-Peak Counts Output 1:46 PM August 31, 1993
Task name : Ag

Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 2.001 2.003 1.999

Background Counts Output 1:46 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BG1 1.937

Corrected Counts Statistics 1:46 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | %R.S.D. | Kpulses |
|---------|---------|------|------|---------|---------|
|---------|---------|------|------|---------|---------|

| | | | | | |
|----|----|-------|-------|-------|--|
| Ag | 14 | 0.064 | 0.002 | 3.125 | |
|----|----|-------|-------|-------|--|

Identity 1: 9946 Identity 2: 1:46 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.064 | 0.066 0.062 |
|----|----|-------|-------------|

Identity 1: 9946 Identity 2: 1:46 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.004 |
| S.D. | 0.000 |
| % R.S.D. | 12.517 |

On-Peak Counts Output 1:47 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.975 1.987 1.991

Background Counts Output 1:47 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 RG1 1.925

Corrected Counts Statistics 1:47 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|-----------------|--------------|--------------|-----------------|
| Ag 14 | 0.059 | 0.008 | 14.034 |

Identity 1: 9947 Identity 2: 1:47 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Ag 14 0.050 0.062 0.066

Identity 1: 9947 Identity 2: 1:47 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag
 (ppm)
 Mean 0.003
 S.D. 0.002
 % R.S.D. 73.608

On-Peak Counts Output 1:49 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 6.574 6.619 6.604

Background Counts Output 1:49 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 BG1 1.974

Corrected Counts Statistics 1:49 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Ag 14 4.625 0.023 0.495

Identity 1: ccvp7 Identity 2: 1:49 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Ag 14 4.600 4.645 4.630

Identity 1: ccvp7 Identity 2: 1:49 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag
(ppm)
Mean 1.018
S.D. 0.005
% R.S.D. 0.501

On-Peak Counts Output 1:50 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 1.990 1.994 1.992

Background Counts Output 1:50 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 861 1.928

Corrected Counts Statistics 1:50 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.064 | 0.002 | 3.125 |

Identity 1: ccb7 Identity 2: 1:51 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|--|--|
|---------|---------|------------------|--|--|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.062 | 0.066 | 0.064 |
|----|----|-------|-------|-------|

Identity 1: ccb7 Identity 2: 1:51 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.004 |
| S.D. | 0.000 |
| % R.S.D. | 12.517 |

On-Peak Counts Output 1:52 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.990 1.987 1.987

Background Counts Output 1:52 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BGI 1.936

Corrected Counts Statistics 1:52 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.052 | 0.002 | 3.331 |

Identity 1: 9948 Identity 2: 1:52 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.054 | 0.051 | 0.051 |

Identity 1: 9948 Identity 2: 1:52 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|----------|
| Mean | 0.001 |
| S.D. | 0.000 |
| % R.S.D. | 43.531 |

On-Peak Counts Output 1:54 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 2.002 1.997 2.013

Background Counts Output 1:54 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 861 1.936

Corrected Counts Statistics 1:54 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.068 | 0.008 | 12.037 |

Identity 1: 9949 Identity 2: 1:54 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|-------------|
| Ag | 14 | 0.066 | 0.061 0.077 |

Identity 1: 9949 Identity 2: 1:54 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|----------|
| Mean | 0.004 |
| S.D. | 0.002 |
| % R.S.D. | 40.970 |

On-Peak Counts Output 1:55 PM August 31, 1993

Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 2.014 2.015 2.008

Background Counts Output 1:55 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 861 1.933

Corrected Counts Statistics 1:55 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | %R.S.D. | Kpulses |
|---------|---------|-------|-------|---------|---------|
| Ag | 14 | 0.079 | 0.004 | 4.772 | |

Identity 1: 9950 Identity 2: 1:55 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.081 | 0.082 0.075 |
|----|----|-------|-------------|

Identity 1: 9950 Identity 2: 1:55 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.007 |
| S.D. | 0.001 |
| % R.S.D. | 12.091 |

On-Peak Counts Output 1:57 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.973 1.978 1.981

Background Counts Output 1:57 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BGI 1.930

Corrected Counts Statistics 1:57 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.047 | 0.004 | 8.538 |
|----|----|-------|-------|-------|

Identity 1: 9953 Identity 2: 1:57 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.043 | 0.048 0.051 |
|----|----|-------|-------------|

Identity 1: 9953 Identity 2: 1:57 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.000 |
| S.D. | 0.001 |
| % R.S.D. | 587.598 |

On-Peak Counts Output 1:58 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Analyte Channel
 On-Peak Counts Output
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1
 2:00 PM August 31, 1993

Mean
 S.D.
 % R.S.D.
 Ag
 (ppm)
 -0.000
 0.000
 98.955

Identity 1: 99531 Identity 2:
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1
 1:58 PM August 31, 1993

Analyte Channel
 Corrected Counts
 Ag
 14 0.048 0.046 0.044

Identity 1: 99531 Identity 2:
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1
 1:58 PM August 31, 1993

Analyte Channel
 Mean Kpulses
 S.D. Kpulses
 XR.S.D. Kpulses
 Ag
 14 0.046 0.002 4.348

Corrected Counts Statistics
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1
 1:58 PM August 31, 1993

Analyte Channel
 Background Kpulses
 Ag
 14 B61 1.940

Background Counts Output
 Task name : Ag
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1
 1:58 PM August 31, 1993

Analyte Channel
 Background Kpulses
 Ag
 14 1.988 1.986 1.984

Ag 14 2.729 2.732 2.735

Background Counts Output 2:00 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 B61 1.943

Corrected Counts Statistics 2:00 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.789 | 0.003 | 0.380 |
|----|----|-------|-------|-------|

Identity 1: 9954 Identity 2: 2:00 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

| | | |
|----|----|-------------------|
| Ag | 14 | 0.786 0.789 0.792 |
|----|----|-------------------|

Identity 1: 9954 Identity 2: 2:00 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.165 |
| S.D. | 0.001 |
| % R.S.D. | 0.405 |

On-Peak Counts Output 2:01 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 2.008 2.006 2.008

Background Counts Output 2:01 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 BG1 1.941

Corrected Counts Statistics 2:01 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.066 | 0.001 | 1.741 |

Identity 1: 9955 Identity 2: 2:01 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.067 | 0.065 | 0.067 |

Identity 1: 9955 Identity 2: 2:01 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.004 |
| S.D. | 0.000 |
| % R.S.D. | 6.306 |

On-Peak Counts Output 2:03 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 2.022 2.027 2.016

Background Counts Output 2:03 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 B61 1.952

Corrected Counts Statistics 2:03 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.070 | 0.006 | 7.906 |

Identity 1: 9956 Identity 2: 2:03 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Ag 14 0.070 0.075 0.064

Identity 1: 9956 Identity 2: 2:03 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.005 |
| S.D. | 0.001 |
| % R.S.D. | 25.444 |

On-Peak Counts Output 2:04 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 2.020 2.011 2.027

Background Counts Output 2:04 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 861 1.967

Corrected Counts Statistics 2:04 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | %R.S.D. | Kpulses |
|---------|---------|-------|-------|---------|---------|
| Ag | 14 | 0.052 | 0.008 | 15.326 | |

Identity 1: 9957 Identity 2: 2:04 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.053 | 0.044 0.060 |
|----|----|-------|-------------|

Identity 1: 9957 Identity 2: 2:04 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.001 |
| S.D. | 0.002 |
| % R.S.D. | 186.002 |

On-Peak Counts Output 2:05 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.971 1.985 1.974

Background Counts Output 2:06 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 BG1 1.942

Corrected Counts Statistics 2:06 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses
Ag 14 0.035 0.007 21.263

Identity 1: 9958 Identity 2: 2:06 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts
Ag 14 0.029 0.043 0.032

Identity 1: 9958 Identity 2: 2:06 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag
(ppm)
Mean -0.003
S.D. 0.002
% R.S.D. 55.196

On-Peak Counts Output 2:07 PM August 31, 1993
Task name : AG
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 6.559 6.559 6.545

Background Counts Output 2:07 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BG1 1.969

Corrected Counts Statistics 2:07 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 4.585 | 0.008 | 0.176 |
|----|----|-------|-------|-------|

Identity 1: ccvp8 Identity 2: 2:07 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------|
| Ag | 14 | 4.590 | 4.576 |
|----|----|-------|-------|

Identity 1: ccvp8 Identity 2: 2:07 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 1.010 |
| S.D. | 0.002 |
| % R.S.D. | 0.178 |

On-Peak Counts Output 2:09 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.996 1.989 1.987

Background Counts Output 2:09 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BG1 1.935

Corrected Counts Statistics 2:09 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | Kpulses | %R.S.D. | Kpulses |
|---------|---------|-------|-------|---------|---------|---------|
| Ag | 14 | 0.056 | 0.005 | | 8.489 | |

Identity 1: ccb8 Identity 2: 2:09 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.061 | 0.054 0.052 |
|----|----|-------|-------------|

Identity 1: ccb8 Identity 2: 2:09 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.002 |
| S.D. | 0.001 |
| % R.S.D. | 61.811 |

On-Peak Counts Output 2:10 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 2.266 2.265 3.167

Background Counts Output 2:10 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BG1 2.011

Corrected Counts Statistics 2:10 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | % R.S.D. Kpulses |
|---------|---------|--------------|--------------|------------------|
|---------|---------|--------------|--------------|------------------|

| | | | | |
|----|----|-------|-------|--------|
| Ag | 14 | 0.555 | 0.520 | 93.780 |
|----|----|-------|-------|--------|

Identity 1: 9958+icl Identity 2: 2:10 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.255 | 0.254 1.156 |
|----|----|-------|-------------|

Identity 1: 9958+icl Identity 2: 2:10 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.113 |
| S.D. | 0.116 |
| % R.S.D. | 102.663 |

On-Peak Counts Output 2:12 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.997 1.994 1.989

Background Counts Output 2:12 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

| | | |
|----|--------|-------|
| Ag | 14 861 | 1.934 |
|----|--------|-------|

Corrected Counts Statistics 2:12 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 0.059 | 0.004 | 6.811 |
|----|----|-------|-------|-------|

Identity 1: 9959 Identity 2: 2:12 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

| | | |
|----|----|-------------------|
| Ag | 14 | 0.063 0.060 0.055 |
|----|----|-------------------|

Identity 1: 9959 Identity 2: 2:12 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.003 |
| S.D. | 0.001 |
| % R.S.D. | 35.726 |

On-Peak Counts Output 2:13 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 2.163 2.169 2.157

Background Counts Output 2:13 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 861 1.932

Corrected Counts Statistics 2:13 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.231 | 0.006 | 2.597 |

Identity 1: 9960 Identity 2: 2:13 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.231 | 0.237 | 0.225 |

Identity 1: 9960 Identity 2: 2:13 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.041 |
| S.D. | 0.001 |
| % R.S.D. | 3.279 |

On-Peak Counts Output 2:15 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.989 1.987 1.987

Background Counts Output 2:15 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 BG1 1.930

Corrected Counts Statistics 2:15 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.058 | 0.001 | 2.002 |

Identity 1: 0163 Identity 2: 2:15 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

| | | |
|----|----|-------------------|
| Ag | 14 | 0.059 0.057 0.057 |
|----|----|-------------------|

Identity 1: 0163 Identity 2: 2:15 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.002 |
| S.D. | 0.000 |
| % R.S.D. | 11.971 |

On-Peak Counts Output 2:16 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 6.594 6.590 6.628

Background Counts Output 2:16 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 B61 1.917

Corrected Counts Statistics 2:16 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | Kpulses | XR.S.D. | Kpulses |
|---------|---------|------|------|---------|---------|---------|
|---------|---------|------|------|---------|---------|---------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 4.687 | 0.021 | 0.446 |
|----|----|-------|-------|-------|

Identity 1: 0164 Identity 2: 2:16 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 4.677 | 4.673 4.711 |
|----|----|-------|-------------|

Identity 1: 0164 Identity 2: 2:16 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 1.032 |
| S.D. | 0.005 |
| % R.S.D. | 0.450 |

On-Peak Counts Output 2:18 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 2.051 2.052 2.051

Background Counts Output 2:18 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 B61 1.977

Corrected Counts Statistics 2:18 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Ag 14 0.074 0.001 0.777

Identity 1: 0160 Identity 2: 2:18 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Ag 14 0.074 0.075 0.074

Identity 1: 0160 Identity 2: 2:18 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag
(ppm)

| | |
|----------|-------|
| Mean | 0.006 |
| S.D. | 0.000 |
| % R.S.D. | 2.194 |

On-Peak Counts Output 2:19 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 1.991 1.993 1.987

Background Counts Output 2:19 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BG1 1.941

Corrected Counts Statistics 2:19 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | Kpulses | ZR.S.D. | Kpulses |
|---------|---------|-------|-------|---------|---------|---------|
| Ag | 14 | 0.049 | 0.003 | | 6.193 | |

Identity 1: 0161 Identity 2: 2:19 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.050 | 0.052 0.046 |
|----|----|-------|-------------|

Identity 1: 0161 Identity 2: 2:19 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag |
|----------|---------|
| Mean | 0.000 |
| S.D. | 0.001 |
| % R.S.D. | 232.817 |

On-Peak Counts Output 2:20 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.989 2.000 2.004

Background Counts Output 2:20 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BGI 1.924

Corrected Counts Statistics 2:20 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | %R.S.D. | Kpulses |
|---------|---------|-------|-------|---------|---------|
| Ag | 14 | 0.074 | 0.008 | 10.544 | |

Identity 1: 0162 Identity 2: 2:21 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 0.065 | 0.076 0.080 |
|----|----|-------|-------------|

Identity 1: 0162 Identity 2: 2:21 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 0.006 |
| S.D. | 0.002 |
| % R.S.D. | 30.288 |

On-Peak Counts Output 2:22 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 2.048 2.056 2.055

Background Counts Output 2:22 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

| | | |
|----|--------|-------|
| Ag | 14 BG1 | 1.938 |
|----|--------|-------|

Corrected Counts Statistics 2:22 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.115 | 0.004 | 3.790 |

Identity 1: cri2 Identity 2: 2:22 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.110 | 0.118 | 0.117 |

Identity 1: cri2 Identity 2: 2:22 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Ag (ppm) | |
|-------------|-------|
| Mean | 0.015 |
| S.D. | 0.001 |
| % R.S.D. | 6.508 |

On-Peak Counts Output 2:23 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 1.997 2.002 2.004

Background Counts Output 2:23 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 BG1 1.938

Corrected Counts Statistics 2:23 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.063 | 0.004 | 5.723 |

Identity 1: icsa2 Identity 2: 2:23 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts | | |
|---------|---------|------------------|-------|-------|
| Ag | 14 | 0.059 | 0.064 | 0.066 |

Identity 1: icsa2 Identity 2: 2:23 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|----------|
| Mean | 0.003 |
| S.D. | 0.001 |
| % R.S.D. | 24.071 |

On-Peak Counts Output 2:25 PM August 31, 1993
 Task name : AG
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 6.594 6.601 6.586

Background Counts Output 2:25 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 BG1 1.961

Corrected Counts Statistics 2:25 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean | S.D. | %R.S.D. | Kpulses |
|---------|---------|------|------|---------|---------|
|---------|---------|------|------|---------|---------|

| | | | | | |
|----|----|-------|-------|-------|--|
| Ag | 14 | 4.633 | 0.008 | 0.162 | |
|----|----|-------|-------|-------|--|

Identity 1: ccvp9 Identity 2: 2:25 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 4.633 | 4.640 4.625 |
|----|----|-------|-------------|

Identity 1: ccvp9 Identity 2: 2:25 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 1.020 |
| S.D. | 0.002 |
| % R.S.D. | 0.164 |

On-Peak Counts Output 2:26 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.971 1.968 1.956

Background Counts Output 2:26 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Ag 14 B61 1.924

Corrected Counts Statistics 2:26 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Ag 14 0.041 0.008 19.359

Identity 1: ccb9 Identity 2: 2:27 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Ag 14 0.047 0.044 0.032

Identity 1: ccb9 Identity 2: 2:27 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Ag
(ppm)
Mean -0.002
S.D. 0.002
% R.S.D. 113.048

On-Peak Counts Output 2:28 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Ag 14 6.581 6.607 6.596

Background Counts Output 2:28 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background Kpulses |
|---------|---------|--------------------|
|---------|---------|--------------------|

Ag 14 BG1 1.964

Corrected Counts Statistics 2:28 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | % R.S.D. Kpulses |
|---------|---------|--------------|--------------|------------------|
|---------|---------|--------------|--------------|------------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 4.631 | 0.013 | 0.282 |
|----|----|-------|-------|-------|

Identity 1: icsab1 Identity 2: 2:28 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

| | | |
|----|----|-------------------|
| Ag | 14 | 4.617 4.643 4.632 |
|----|----|-------------------|

Identity 1: icsab1 Identity 2: 2:28 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 1.020 |
| S.D. | 0.003 |
| % R.S.D. | 0.285 |

On-Peak Counts Output 2:29 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak Kpulses |
|---------|---------|-----------------|
|---------|---------|-----------------|

Ag 14 6.631 6.611 6.608

Background Counts Output 2:30 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 861 1.971

Corrected Counts Statistics 2:30 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | ZR.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|----|-------|-------|-------|
| Ag | 14 | 4.646 | 0.013 | 0.269 |
|----|----|-------|-------|-------|

Identity 1: ccvpl0 Identity 2: 2:30 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|--------|
|---------|---------|-----------|--------|

| | | | |
|----|----|-------|-------------|
| Ag | 14 | 4.660 | 4.640 4.637 |
|----|----|-------|-------------|

Identity 1: ccvpl0 Identity 2: 2:30 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | 1.023 |
| S.D. | 0.003 |
| Z R.S.D. | 0.272 |

On-Peak Counts Output 2:31 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Ag 14 1.971 1.965 1.970

Background Counts Output 2:31 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

Ag 14 B61 1.925

Corrected Counts Statistics 2:31 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Ag | 14 | 0.044 | 0.003 | 7.362 |

Identity 1: ccb10 Identity 2: 2:31 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected | Counts |
|---------|---------|-----------|-------------|
| Ag | 14 | 0.046 | 0.040 0.045 |

Identity 1: ccb10 Identity 2: 2:31 PM August 31, 1993

Task name : AG

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Ag (ppm) |
|----------|-------------|
| Mean | -0.001 |
| S.D. | 0.001 |
| % R.S.D. | 73.822 |

| TRAY # | JOB # | SAMPLE ID | SAMPLE # | DIL FAC | COMMENTS | TRAY # | JOB # | SAMPLE ID | SAMPLE # | DIL FAC | COMMENTS |
|--------|-------|-----------|----------|---------|----------|--------|-------|-----------|----------|---------|----------|
| 1 | | | BLK | | | 40 | | | | | |
| 2 | | | ICL/10 | | | 41 | | | | | |
| 3 | | | ICL/50 | | | 42 | | | | | |
| 4 | | | ICL | | | 43 | | | | | |
| 5 | | | ICVP | | | 44 | | | | | |
| 6 | | | ICB | | | 45 | | | | | |
| 7 | | | CR1 | | | 46 | | | | | |
| 8 | | | ICSA1 | | | 47 | | | | | |
| 9 | | | ICSAB1 | | | 48 | | | | | |
| 10 | | | CCVP1 | | | 49 | | | | | |
| 11 | | | CCB1 | | | 50 | | | | | |
| 12 | 21018 | BLK | 0270 | | | 51 | | | | | |
| 13 | | 217 | 0271 | | | 52 | | | | | |
| 14 | | | 0205 | | | 53 | | | | | |
| 15 | | | 0206 | | | 54 | | | | | |
| 16 | | | 0207 | | | 55 | | | | | |
| 17 | | | 0208 | | | 56 | | | | | |
| 18 | | | 0209 | | | 57 | | | | | |
| 19 | | | 0209L115 | | | 58 | | | | | |
| 20 | 2040 | | 0203 | | | 59 | | | | | |
| 21 | | | 0204 | | | 60 | | | | | |
| 22 | | | CC0P2 | | | 61 | | | | | |
| 23 | | | CCB2 | | | 62 | | | | | |
| 24 | | | 0204L115 | | | 63 | | | | | |
| 25 | 21013 | BLK | 0486 | | | 64 | | | | | |
| 26 | | 216 | 0490 | | | 65 | | | | | |
| 27 | | | 0488 | | | 66 | | | | | |
| 28 | | | T | | | 67 | | | | | |
| 29 | | | 0489 | | | 68 | | | | | |
| 30 | | | 0489L115 | | | 69 | | | | | |
| 31 | | | CR12 | | | 70 | | | | | |
| 32 | | | ICSA2 | | | 71 | | | | | |
| 33 | | | ICSAB2 | | | 72 | | | | | |
| 34 | | | CC0P3 | | | 73 | | | | | |
| 35 | | | CCB3 | | | 74 | | | | | |
| 36 | | | | | | 75 | | | | | |
| 37 | | | | | | 76 | | | | | |
| 38 | | | | | | 77 | | | | | |



Calibration Standard : BLANK 2:59 PM 7/ 9/93

Task name : NA

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(KPulses)

| | |
|------------|-------|
| On Peak 1 | 2.727 |
| On Peak 2 | 2.731 |
| On Peak 3 | 2.724 |
| OffPeak1 1 | 1.105 |
| OffPeak2 1 | |
| Mean | 1.622 |
| S.D. | 0.004 |
| % R.S.D. | 0.216 |

Calibration Standard : ICL/10 3:01 PM 7/ 9/93

Task name : NA

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(KPulses)

| | |
|------------|-------|
| On Peak 1 | 9.665 |
| On Peak 2 | 9.674 |
| On Peak 3 | 9.735 |
| OffPeak1 1 | 1.098 |
| OffPeak2 1 | |
| Mean | 8.593 |
| S.D. | 0.038 |
| % R.S.D. | 0.443 |

Calibration Standard : ICL/50 3:03 PM 7/ 9/93

Task name : NA

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(KPulses)

| | |
|------------|--------|
| On Peak 1 | 36.583 |
| On Peak 2 | 36.827 |
| On Peak 3 | 36.806 |
| OffPeak1 1 | 1.130 |
| OffPeak2 1 | |
| Mean | 35.609 |
| S.D. | 0.135 |
| % R.S.D. | 0.380 |

Task name : NA

On-Peak Integrations : 3 Off-Peak Integrations : 1

```

-----
                Na
            (Kpulses)
On Peak 1      68.662
On Peak 2      68.994
On Peak 3      68.331
OffPeak1 1     1.154
OffPeak2 1
Mean           67.508
S.D.           0.332
% R.S.D.       0.491
-----

```

On-Peak Counts Output 3:07 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

```

-----
Analyte Channel      On Peak Kpulses
-----
Na           6       9.471   9.501   9.429
-----

```

Background Counts Output 3:07 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

```

-----
Analyte Channel      Background Kpulses
-----
Na           6 B01    1.098
-----

```

Corrected Counts Statistics 3:07 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

```

-----
Analyte Channel      Mean Kpulses      S.D. Kpulses      %R.S.D. Kpulses
-----
Na           6       8.369            0.036            0.432
-----

```

Identity 1: ic:p Identity 2: 3:07 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

```

-----
Analyte Channel      Corrected Counts
-----

```

Na 6 8.373 8.403 8.331

Identity 1: icvp Identity 2: 3:07 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 10.005
S.D. 0.054
% R.S.D. 0.537

On-Peak Counts Output 3:08 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 2.626 2.623 2.607

Background Counts Output 3:08 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 BG1 1.082

Corrected Counts Statistics 3:08 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 1.537 0.010 0.665

Identity 1: icbp Identity 2: 3:09 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 1.544 1.541 1.525

Identity 1: icbp Identity 2: 3:09 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean -0.138
S.D. 0.015
% R.S.D. 10.993

On-Peak Counts Output 3:10 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

| | | | |
|----|---|-------|-------------|
| Na | 6 | 2.598 | 2.601 2.603 |
|----|---|-------|-------------|

Background Counts Output 3:10 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | |
|----|-------|-------|
| Na | 6 BG1 | 1.088 |
|----|-------|-------|

Corrected Counts Statistics 3:10 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|---|-------|-------|-------|
| Na | 6 | 1.513 | 0.003 | 0.166 |
|----|---|-------|-------|-------|

Identity 1: cril Identity 2: 3:10 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 1.510 1.513 1.515

Identity 1: cril Identity 2: 3:10 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean -0.174
S.D. 0.004
% R.S.D. 2.153

On-Peak Counts Output 3:11 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 2.957 2.907 2.888

Background Counts Output 3:11 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 861 1.065

Corrected Counts Statistics 3:11 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 1.852 0.036 1.924

Identity 1: icssl Identity 2: 3:11 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 1.892 1.842 1.823

Identity 1: icsal Identity 2: 3:12 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 0.331
S.D. 0.053
% R.S.D. 16.001

On-Peak Counts Output 3:13 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 2.722 2.727 2.711

Background Counts Output 3:13 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 BGI 1.059

Corrected Counts Statistics 3:13 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 1.661 0.008 0.493

Identity 1: icsabl Identity 2: 3:13 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 1.663 1.668 1.652

Identity 1: icsab1 Identity 2: 3:13 PM September 7, 1993
Task name : NA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Na (ppm)
Mean 0.047
S.D. 0.012
% R.S.D. 26.052

On-Peak Counts Output 3:14 PM September 7, 1993
Task name : NA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses
Na 6 36.116 36.105 36.236

Background Counts Output 3:15 PM September 7, 1993
Task name : NA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses
Na 6 B61 1.111

Corrected Counts Statistics 3:15 PM September 7, 1993
Task name : NA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses
Na 6 35.041 0.073 0.207

Identity 1: ccvpl Identity 2: 3:15 PM September 7, 1993
Task name : NA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 35.005 34.994 35.125

Identity 1: ccvpl Identity 2: 3:15 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 49.599
S.D. 0.108
% R.S.D. 0.217

On-Peak Counts Output 3:16 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

| | | | |
|----|---|-------|-------------|
| Na | 6 | 2.630 | 2.637 2.633 |
|----|---|-------|-------------|

Background Counts Output 3:16 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | |
|----|-------|-------|
| Na | 6 BG1 | 1.077 |
|----|-------|-------|

Corrected Counts Statistics 3:16 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|---|-------|-------|-------|
| Na | 6 | 1.556 | 0.004 | 0.226 |
|----|---|-------|-------|-------|

Identity 1: ccbl Identity 2: 3:16 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 1.553 1.560 1.556

Identity 1: ccb1 Identity 2: 3:16 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)

Mean -0.109

S.D. 0.005

% R.S.D. 4.795

On-Peak Counts Output 3:18 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

| | | | |
|----|---|-------|-------------|
| Na | 6 | 3.220 | 3.198 3.193 |
|----|---|-------|-------------|

Background Counts Output 3:18 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | | |
|----|-------|-------|--|
| Na | 6 BG1 | 1.083 | |
|----|-------|-------|--|

Corrected Counts Statistics 3:18 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|---|-------|-------|-------|
| Na | 6 | 2.121 | 0.014 | 0.677 |
|----|---|-------|-------|-------|

Identity 1: 0270 Identity 2: 3:18 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 2.137 2.115 2.110

Identity 1: 0270 Identity 2: 3:18 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 0.729
S.D. 0.021
% R.S.D. 2.925

On-Peak Counts Output 3:20 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|-------------|
| Na | 6 | 4.371 | 4.350 4.353 |

Background Counts Output 3:20 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Na | 6 B61 | 1.080 | |

Corrected Counts Statistics 3:20 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Na | 6 | 3.278 | 0.011 | 0.346 |

Identity 1: 0271 Identity 2: 3:20 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 3.291 3.270 3.273

Identity 1: 0271 Identity 2: 3:20 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)

Mean 2.447

S.D. 0.017

% R.S.D. 0.689

On-Peak Counts Output 3:21 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

| | | | |
|----|---|-------|-------------|
| Na | 6 | 3.649 | 3.654 3.644 |
|----|---|-------|-------------|

Background Counts Output 3:21 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | |
|----|-------|-------|
| Na | 6 861 | 1.073 |
|----|-------|-------|

Corrected Counts Statistics 3:21 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|---|-------|-------|-------|
| Na | 6 | 2.576 | 0.005 | 0.194 |
|----|---|-------|-------|-------|

Identity 1: 0285 Identity 2: 3:21 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 2.576 2.581 2.571

Identity 1: 0265 Identity 2: 3:21 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)

Mean 1.405

S.D. 0.007

% R.S.D. 0.528

On-Peak Counts Output 3:23 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 3.409 3.413 3.411

Background Counts Output 3:23 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 BGI 1.079

Corrected Counts Statistics 3:23 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 2.332 0.002 0.086

Identity 1: 0266 Identity 2: 3:25 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 2.330 2.334 2.332

Identity 1: 0266 Identity 2: 3:25 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 1.043
S.D. 0.003
% R.S.D. 0.285

On-Peak Counts Output 3:26 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 3.525 3.533 3.543

Background Counts Output 3:26 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 BG1 1.081

Corrected Counts Statistics 3:27 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 2.453 0.009 0.368

Identity 1: 0267 Identity 2: 3:27 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 2.444 2.452 2.462

Identity 1: 0267 Identity 2: 3:27 PM September 7, 1993
 Task name : NA
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
 (ppm)
 Mean 1.222
 S.D. 0.013
 % R.S.D. 1.096

On-Peak Counts Output 3:28 PM September 7, 1993
 Task name : NA
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|-------------|
| Na | 6 | 3.646 | 3.651 3.648 |

Background Counts Output 3:28 PM September 7, 1993
 Task name : NA
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Na | 6 861 | 1.072 | |

Corrected Counts Statistics 3:28 PM September 7, 1993
 Task name : NA
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Na | 6 | 2.576 | 0.003 | 0.098 |

Identity 1: 0268 Identity 2: 3:28 PM September 7, 1993
 Task name : NA
 Sample Weight : 1.0000 Solution Volume : 1.00
 On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 2.574 2.579 2.576

Identity 1: 0268 Identity 2: 3:28 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 1.405
S.D. 0.004
% R.S.D. 0.266

On-Peak Counts Output 3:29 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 3.382 3.372 3.389

Background Counts Output 3:29 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 B61 1.078

Corrected Counts Statistics 3:30 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 2.303 0.009 0.371

Identity 1: 0269 Identity 2: 3:30 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 2.304 2.294 2.311

Identity 1: 0269 Identity 2: 3:30 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)

| | |
|----------|-------|
| Mean | 1.000 |
| S.D. | 0.013 |
| % R.S.D. | 1.269 |

On-Peak Counts Output 3:31 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

| | | | |
|----|---|-------|-------------|
| Na | 6 | 2.974 | 2.973 2.964 |
|----|---|-------|-------------|

Background Counts Output 3:31 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | | |
|----|-------|-------|--|
| Na | 6 BG1 | 1.034 | |
|----|-------|-------|--|

Corrected Counts Statistics 3:31 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|---|-------|-------|-------|
| Na | 6 | 1.886 | 0.006 | 0.292 |
|----|---|-------|-------|-------|

Identity 1: 02691 Identity 2: 3:31 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 1.890 1.889 1.880

Identity 1: 02691 Identity 2: 3:31 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na

(ppm)

Mean 0.381

S.D. 0.008

% R.S.D. 2.145

On-Peak Counts Output 3:32 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

| | | | |
|----|---|-------|-------------|
| Na | 6 | 3.154 | 3.160 3.168 |
|----|---|-------|-------------|

Background Counts Output 3:32 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | |
|----|-------|-------|
| Na | 6 BGI | 1.072 |
|----|-------|-------|

Corrected Counts Statistics 3:32 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|---|-------|-------|-------|
| Na | 6 | 2.089 | 0.007 | 0.336 |
|----|---|-------|-------|-------|

Identity 1: 0263 Identity 2: 3:33 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 2.082 2.088 2.096

Identity 1: 0263 Identity 2: 3:33 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 0.682
S.D. 0.010
% R.S.D. 1.530

On-Peak Counts Output 3:34 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 3.172 3.164 3.148

Background Counts Output 3:34 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 BGI 1.087

Corrected Counts Statistics 3:34 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 2.074 0.012 0.589

Identity 1: 0264 Identity 2: 3:34 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 2.065 2.077 2.061

Identity 1: 0264 Identity 2: 3:34 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)

Mean 0.660

S.D. 0.018

% R.S.D. 2.748

On-Peak Counts Output 3:36 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------------|
| Na | 6 | 35.606 | 36.072 35.872 |

Background Counts Output 3:36 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Na | 6 561 | 1.108 | |

Corrected Counts Statistics 3:36 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Na | 6 | 34.742 | 0.234 | 0.673 |

Identity 1: covp2 Identity 2: 3:36 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 34.498 34.964 34.764

Identity 1: ccvp2 Identity 2: 3:36 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 49.155
S.D. 0.347
% R.S.D. 0.706

On-Peak Counts Output 3:38 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|-------------|
| Na | 6 | 2.535 | 2.523 2.528 |

Background Counts Output 3:38 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Na | 6 B61 | 1.076 | |

Corrected Counts Statistics 3:38 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Na | 6 | 1.453 | 0.006 | 0.415 |

Identity 1: cct2 Identity 2: 3:39 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 1.459 1.447 1.452

Identity 1: ccb2 Identity 2: 3:39 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean -0.263
S.D. 0.009
% R.S.D. 3.407

On-Peak Counts Output 3:40 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 2.812 2.821 2.839

Background Counts Output 3:40 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 BGI 1.070

Corrected Counts Statistics 3:40 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 1.754 0.014 0.784

Identity 1: 02641 Identity 2: 3:40 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 1.742 1.751 1.769

Identity 1: 02641 Identity 2: 3:40 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 0.185
S.D. 0.020
% R.S.D. 11.049

On-Peak Counts Output 3:41 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 3.173 3.184 3.188

Background Counts Output 3:41 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 B61 1.074

Corrected Counts Statistics 3:41 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 2.108 0.008 0.369

Identity 1: 0486 Identity 2: 3:41 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 2.099 2.110 2.114

Identity 1: 0486 Identity 2: 3:42 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 0.710
S.D. 0.012
% R.S.D. 1.625

On-Peak Counts Output 3:43 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|-------------|
| Na | 6 | 4.737 | 4.726 4.730 |

Background Counts Output 3:43 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Na | 6 B61 | 1.075 | |

Corrected Counts Statistics 3:43 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Na | 6 | 3.656 | 0.006 | 0.152 |

Identity 1: 0490 Identity 2: 3:43 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 3.662 3.651 3.655

Identity 1: 0490 Identity 2: 3:43 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 3.008
S.D. 0.008
% R.S.D. 0.275

On-Peak Counts Output 3:44 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 3.167 3.182 3.184

Background Counts Output 3:44 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 861 1.075

Corrected Counts Statistics 3:44 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 2.109 0.003 0.117

Identity 1: 0488 Identity 2: 3:45 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 2.112 2.107 2.109

Identity 1: 0488 Identity 2: 3:45 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)

Mean 0.712

S.D. 0.004

% R.S.D. 0.525

On-Peak Counts Output 3:46 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------------|
| Na | 6 | 67.669 | 67.336 67.436 |

Background Counts Output 3:46 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Na | 6 BGI | 1.139 | |

Corrected Counts Statistics 3:46 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Na | 6 | 66.341 | 0.171 | 0.258 |

Identity 1: +ic1 Identity 2: 3:46 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 66.530 66.197 66.297

Identity 1: tic1 Identity 2: 3:46 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)

Mean 96.063

S.D. 0.254

% R.S.D. 0.264

On-Peak Counts Output 3:48 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 3.210 3.211 3.204

Background Counts Output 3:48 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 B61 1.071

Corrected Counts Statistics 3:48 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 2.137 0.004 0.177

Identity 1: 0489 Identity 2: 3:48 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 2.139 2.140 2.133

Identity 1: 0489 Identity 2: 3:48 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 0.754
S.D. 0.006
% R.S.D. 0.746

On-Peak Counts Output 3:49 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 2.866 2.849 2.857

Background Counts Output 3:49 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 BG1 1.081

Corrected Counts Statistics 3:49 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 1.776 0.009 0.479

Identity 1: 0489 Identity 2: 3:49 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 1.785 1.768 1.776

Identity 1: 04891 Identity 2: 3:49 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)

Mean 0.218

S.D. 0.013

% R.S.D. 5.795

On-Peak Counts Output 3:51 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

| | | | |
|----|---|-------|-------------|
| Na | 6 | 2.539 | 2.543 2.556 |
|----|---|-------|-------------|

Background Counts Output 3:51 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | |
|----|-------|-------|
| Na | 6 861 | 1.072 |
|----|-------|-------|

Corrected Counts Statistics 3:51 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|---|-------|-------|-------|
| Na | 6 | 1.474 | 0.009 | 0.603 |
|----|---|-------|-------|-------|

Identity 1: cri2 Identity 2: 3:52 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 1.467 1.471 1.484

Identity 1: cri2 Identity 2: 3:52 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean -0.231
S.D. 0.013
% R.S.D. 5.713

On-Peak Counts Output 3:53 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel On Peak Kpulses

Na 6 2.500 2.507 2.499

Background Counts Output 3:53 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Background Kpulses

Na 6 BGI 1.054

Corrected Counts Statistics 3:53 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Mean Kpulses S.D. Kpulses %R.S.D. Kpulses

Na 6 1.448 0.004 0.301

Identity 1: icss2 Identity 2: 3:54 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Analyte Channel Corrected Counts

Na 6 1.446 1.453 1.445

Identity 1: icsa2 Identity 2: 3:54 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean -0.270
S.D. 0.006
% R.S.D. 2.401

On-Peak Counts Output 3:55 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

| | | | |
|----|---|-------|-------------|
| Na | 6 | 2.541 | 2.540 2.554 |
|----|---|-------|-------------|

Background Counts Output 3:55 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
|---------|---------|------------|---------|

| | | |
|----|-------|-------|
| Na | 6 BGI | 1.064 |
|----|-------|-------|

Corrected Counts Statistics 3:55 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
|---------|---------|--------------|--------------|-----------------|

| | | | | |
|----|---|-------|-------|-------|
| Na | 6 | 1.481 | 0.008 | 0.527 |
|----|---|-------|-------|-------|

Identity 1: icsab2 Identity 2: 3:55 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 1.477 1.476 1.490

Identity 1: icsab2 Identity 2: 3:55 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)

Mean -0.221

S.D. 0.012

% R.S.D. 5.257

On-Peak Counts Output 3:56 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|---------------|
| Na | 6 | 35.794 | 35.724 35.737 |

Background Counts Output 3:57 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Na | 6 BGI | 1.116 | |

Corrected Counts Statistics 3:57 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Na | 6 | 34.636 | 0.037 | 0.108 |

Identity 1: ccva3 Identity 2: 3:57 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 34.678 34.608 34.621

Identity 1: ccvp3 Identity 2: 3:57 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

Na
(ppm)
Mean 48.997
S.D. 0.055
% R.S.D. 0.113

On-Peak Counts Output 3:58 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | On Peak | Kpulses |
|---------|---------|---------|-------------|
| Na | 6 | 2.565 | 2.549 2.548 |

Background Counts Output 3:58 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Background | Kpulses |
|---------|---------|------------|---------|
| Na | 6 BGI | 1.078 | |

Corrected Counts Statistics 3:58 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Mean Kpulses | S.D. Kpulses | %R.S.D. Kpulses |
|---------|---------|--------------|--------------|-----------------|
| Na | 6 | 1.476 | 0.010 | 0.646 |

Identity 1: ccb3 Identity 2: 4:25 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| Analyte | Channel | Corrected Counts |
|---------|---------|------------------|
|---------|---------|------------------|

Na 6 1.487 1.471 1.470

Identity 1: ccb3 Identity 2: 4:25 PM September 7, 1993

Task name : NA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

| | Na |
|----------|--------|
| | (ppm) |
| Mean | -0.228 |
| S.D. | 0.014 |
| % R.S.D. | 6.211 |

P.E.

C/P

FLAME ANALYSIS CALCULATION WORKSHEET

Data File # A0830CaA Element: Ca Date: 8/30/93 Analyst: km Det.Limit 0.10

3100

| Autosampler Position | Job # | Sample I.D./ Digestion # | Sample Avg. A (MG/L) | I.D. | Base-line Avg. B (MG/L) | Dilution Factor D | Final Conc. Mg/L (A-B)*D | Quality Control and Comment |
|----------------------|-----------------|--------------------------|----------------------|------|-------------------------|-------------------|--------------------------|-----------------------------|
| 9 | ICUA | R-1C | 5.44 | B | -0.02 | | 5.46 | |
| 10 | ICB | B/K | 0.00 | B | -0.01 | | 0.01 | < |
| 11 | CRA | 5.0 | 5.25 | B | 0.01 | | 5.24 | |
| 12 | | 0.5 | 0.54 | B | -0.01 | | 0.55 | |
| 13 | | 1.0 | 1.07 | B | 0.00 | | 1.07 | |
| 14 | | 2.0 | 2.04 | B | 0.00 | | 2.04 | |
| 15 | | 5.0 | 4.92 | B | 0.00 | | 4.92 | |
| 16 | | 10.0 | 9.76 | B | 0.02 | | 9.74 | |
| 17 | LCSS 93-2549 | 9935 | 1.55 | B | -0.02 | 1:10 | 1.57 | 15.70 |
| 18 | POS | 9934 | 0.43 | B | 0.00 | | 0.43 | |
| 19 | | 9928 | — | B | — | | — | |
| 20 | | 9929 | 9.85 | B | -0.04 | | 9.89 | |
| 21 | CCVA1 | R-1C | 5.29 | B | 0.01 | | 5.28 | |
| 22 | CCB1 | B/K | -0.01 | B | -0.02 | | 0.01 | < |
| 23 | | 9930 | — | B | — | | — | |
| 24 | | +20 | — | B | — | | — | |
| 25 | | 9931 | — | B | — | | — | |
| 26 | | 9933 | — | B | — | | — | |
| 27 | 93-2618 | 9936 | — | B | — | | — | |
| 28 | | 9937 | — | B | — | | — | |
| 29 | | 9938 | — | B | — | | — | |
| 30 | | 9939 | — | B | — | | — | |
| 31 | | 9940 | — | B | — | | — | |
| 32 | 93-2646 | 9941 | 2.99 | B | -0.28 | | 3.27 | |
| 33 | CCVA2 | R-1C | 5.13 | B | 0.01 | | 5.12 | |

1171

P.E. Data File # A0830C9 A Element: C₉ Date: 8/30/92 Analyst: Km Det. Limit 0.1

| Autosampler Position | Job # | Sample I.D./ Digestion # | Sample Ave. A (MGL) | I.D. | Base-line Ave. B (MGL) | Dilution Factor D | Final Conc. Mg/L (A-B)*D | Quality Control and Comment |
|----------------------|--------------|--------------------------|---------------------|------|------------------------|-------------------|--------------------------|-----------------------------|
| 34 | CC02 | 01K | -0.02 | B | -0.02 | | 0.00 | C |
| 35 | | 9942 | 2.74 | B | 0.00 | | 2.74 | |
| 36 | CCSW 93-0570 | 0059 | 2.14 | B | 0.00 | 1:10 | 2.14 | 21.40 |
| 37 | POW | 0060 | 0.32 | B | 0.00 | | 0.32 | |
| 38 | | 0043 | — | B | — | | — | |
| 39 | | 0044 | — | B | — | | — | |
| 40 | | 0045 | — | B | — | | — | |
| 41 | | 0046 | — | B | — | | — | |
| 42 | | 0047 | — | B | — | | — | |
| 43 | | 0048 | — | B | — | | — | |
| 44 | 93-2629 | 0049 | — | B | — | | — | |
| 45 | CC0A3 | R-1C | 5.24 | B | -0.04 | | 5.28 | |
| 46 | CC03 | 01K | -0.05 | B | -0.03 | | -0.02 | C |
| 47 | | 0050 | — | B | — | | — | |
| 48 | | 0051 | — | B | — | | — | |
| 49 | | 0052 | — | B | — | | — | |
| 50 | | 0053 | — | B | — | | — | |
| 51 | | 0054 | — | B | — | | — | |
| 52 | | 0055 | — | B | — | | — | |
| 53 | | 720 | — | B | — | | — | |
| 54 | | 0057 | — | B | — | | — | |
| 55 | | 0056 | 3.45 | B | 0.00 | 1:100 | 3.45 | 345.0 |
| 56 | CC0A4 | R-1C | 5.21 | B | 0.00 | | 5.21 | |
| 57 | CC04 | 01K | -0.03 | B | -0.02 | | -0.01 | C |

3100

1173

P.B. (CIP)

Flame Analysis Calculation Worksheet
 Date: 8/30/93 Analyst: C9
 Element: Ca
 Data File # A0830ccA
 Km
 Det. Limit 0.10

3100

| Autosampler Position | Job # | Sample ID / Division # | Sample Avg. A (MG/L) | ID. | Base-line Avg. B (MG/L) | Division Factor D | Final Conc. Mg/L (A-B) * D | Quality Control and Comment |
|----------------------|-------|------------------------|----------------------|-----|-------------------------|-------------------|----------------------------|-----------------------------|
| 58 | | 9928 | 1.53 | B | 0.00 | 1/0 | 1.53 | 15.30 |
| 59 | | 9930 | 2.03 | B | 0.00 | | 2.03 | 20.30 |
| 60 | | 9930 | 4.17 | B | 0.00 | | 4.17 | 10.7% |
| 61 | | 9931 | 3.74 | B | 0.00 | | 3.74 | 37.40 |
| 62 | | 9933 | 1.61 | B | 0.00 | | 1.61 | 16.10 |
| 63 | | 9936 | 4.36 | B | 0.01 | | 4.35 | 49.50 |
| 64 | | 9937 | 4.47 | B | 0.00 | | 4.47 | 44.70 |
| 65 | | 9938 | 6.23 | B | 0.01 | | 6.22 | 82.20 |
| 66 | | 9939 | — | B | — | | — | — |
| 67 | | 9940 | — | B | — | | — | — |
| 68 | CC045 | R-1C | 5.14 | B | -0.02 | | 5.16 | |
| 69 | CC045 | D1K | -0.04 | B | -0.02 | | -0.02 | |
| 70 | | 0043 | 1.74 | B | 0.00 | 1/00 | 1.74 | 17.40 |
| 71 | | 0044 | 1.47 | B | 0.00 | | 1.47 | 14.70 |
| 72 | | 0045 | 2.64 | B | 0.00 | | 2.64 | 26.40 |
| 73 | | 0047 | 7.14 | B | 0.01 | | 7.13 | 71.30 |
| 74 | | 0047 | 1.48 | B | -0.01 | | 1.49 | 14.90 |
| 75 | | 0048 | 1.44 | B | 0.00 | | 1.44 | 14.40 |
| 76 | | 0049 | 3.01 | B | 0.00 | | 3.01 | 30.10 |
| 77 | | 0050 | 1.30 | B | 0.00 | | 1.30 | 13.00 |
| 78 | | 0051 | 1.27 | B | 0.00 | | 1.27 | 12.70 |
| 79 | | 0052 | 1.42 | B | 0.00 | | 1.42 | 14.20 |
| 80 | CC046 | R-1C | 5.20 | B | 0.00 | | 5.20 | |
| 81 | CC06 | D1K | -0.02 | B | -0.01 | | -0.01 | |
| 82 | | 0053 | 2.26 | B | 0.00 | 1/100 | 2.26 | 22.60 |

P.E.

(C1)

FLAME ANALYSIS CALCULATION WORKSHEET

Data File # A0830 C9A Element: C9 Date: 8/20/93 Analyst: km Det. Limit 0.1

3100

| Autosampler Position | Job # | Sample I.D./ Digestion # | Sample Avg. A (MG/L) | I.D. | Base-line Avg. B (MG/L) | Dilution Factor D | Final Const. Mg/L (A-B)*D | Quality Control and Comment |
|----------------------|----------------|--------------------------|----------------------|------|-------------------------|-------------------|---------------------------|-----------------------------|
| 83 | | 0054 | 1.44 | B | 0.00 | 1:100 | 1.44 | 144.0 |
| 84 | | 0055 | 0.91 | B | 0.00 | ↓ | 0.91 | 91.0 |
| 85 | | +2.0 | 2.68 | B | 0.00 | ↓ | 2.68 | 88.5% |
| 86 | | 0057 | 1.27 | B | 0.00 | ↓ | 1.27 | 122.0 |
| 87 | | 9939 | 1.44 | B | 0.00 | 1:100 | 1.44 | 144.0 |
| 88 | | 9940 | 1.23 | B | 0.00 | 1:100 | 1.23 | 123.0 |
| 89 | CC0A7 | R-1C | 5.14 | B | 0.00 | | 5.14 | |
| 90 | CC07 | B1K | -0.02 | B | -0.01 | | -0.01 | C |
| 91 | CC03 722635 | 0114 | 1.49 | B | 0.00 | 1:10 | 1.49 | 14.90 |
| 92 | PO3 | 0113 | 0.73 | B | 0.00 | | 0.73 | |
| 93 | | 0107 | — | B | — | | — | |
| 94 | | 0108 | — | B | — | | — | |
| 95 | | 0109 | — | B | — | | — | |
| 96 | | 0110 | — | B | — | | — | |
| 97 | | +2.0 | — | B | — | | — | |
| 98 | | 0111 | — | B | — | | — | |
| 99 | | 0055 | 8.86 | B | 0.02 | 1:10 | 8.84 | 88.40 |
| 100 | | 0107 | 4.06 | B | -0.02 | 1:10 | 4.08 | 40.80 |
| 101 | CC0A8 | R-1C1 | 4.81 | B | 0.00 | | 4.81 | |
| 102 | CC08 | B1K | 0.00 | B | -0.01 | | 0.01 | C |
| 103 | | 0108 | 1.14 | B | 0.00 | 1:100 | 1.14 | 114.0 |
| 104 | | 0109 | 2.11 | B | 0.00 | 1:10 | 2.11 | 21.10 |
| 105 | | 0110 | 1.69 | B | 0.00 | | 1.69 | 16.90 |
| 106 | | +2.0 | 3.65 | B | 0.00 | | 3.65 | 98% |

Revan @ 1:10
km 8/20/93

1174

P.E.

CIP

FLAME ANALYSIS CALCULATION WORKSHEET

Data File # A0830CGA Element: CA Date: 8/20/93 Analyst: LM Det.Limit 0.1

3100

| Autosampler Position | Job # | Sample I.D./ Digestion # | Sample Avg. A (MG/L) | I.D. | Base-line Avg. B (MG/L) | Dilution Factor D | Final Conc. Mg/L (A-B)*D | Quality Control and Comment |
|----------------------|-------|--------------------------|----------------------|------|-------------------------|-------------------|--------------------------|-----------------------------|
| 9 | | 0111 | 3.90 | B | 0.00 | 1.10 | 3.80 | 38.0 |
| 10 | CC0A9 | R-10 | 5.10 | B | 0.00 | | 5.10 | |
| 11 | CCD9 | 91K | -0.02 | B | -0.01 | | -0.01 | C |
| 12 | | | | B | | | | |
| 13 | | | | B | | | | |
| 14 | | | | B | | | | |
| 15 | | | | B | | | | |
| 16 | | | | B | | | | |
| 17 | | | | B | | | | |
| 18 | | | | B | | | | |
| 19 | | | | B | | | | |
| 20 | | | | B | | | | |
| 21 | | | | B | | | | |
| 22 | | | | B | | | | |
| 23 | | | | B | | | | |
| 24 | | | | B | | | | |
| 25 | | | | B | | | | |
| 26 | | | | B | | | | |
| 27 | | | | B | | | | |
| 28 | | | | B | | | | |
| 29 | | | | B | | | | |
| 30 | | | | B | | | | |
| 31 | | | | B | | | | |
| 32 | | | | B | | | | |
| 33 | | | | B | | | | |

```

-----
Element File: CA_CLP.FEL      Element: Ca      Wavelength: 422.7
Date: 08/30/93              Time: 21:25     Slit: 0.7
Data File: A0830CAA.DAT     ID/Wt File: UNTITLED  Lamp Current: 20
Technique: Flame           Calib. Type: Linear  Energy: 67
Remark 1: ANALYST: JAC
Remark 2: CRDL: 5.00 mg/L
Remark 3: IDL: 0.10 mg/l
-----

```

```

-----
Ca ID: Blank                Seq. No.: 00001   A/S Pos.: 0     Date: 08/30/93
Absorbance: -0.002         Time: 21:25
Concentration (mg/L ): -0.03
Absorbance: -0.002         Time: 21:25
Concentration (mg/L ): -0.03
Absorbance: -0.003         Time: 21:25
Concentration (mg/L ): -0.03
Mean Conc (mg/L ):        -0.03      SD: 0.002      RSD(%): 7.37
Auto-zero performed.
-----

```

```

-----
Ca ID: Standard 1          Seq. No.: 00002   A/S Pos.: 1     Date: 08/30/93
Absorbance: 0.095         Time: 21:26
Concentration (mg/L ): 1.10
Absorbance: 0.097         Time: 21:26
Concentration (mg/L ): 1.13
Absorbance: 0.098         Time: 21:26
Concentration (mg/L ): 1.14
Mean Conc (mg/L ):        1.12      SD: 0.020      RSD(%): 1.83
Standard number 1 applied. [1.00]
Correlation coefficient: 1.00000  Slope: 0.0967
-----

```

```

-----
Ca ID: Standard 2          Seq. No.: 00003   A/S Pos.: 2     Date: 08/30/93
Absorbance: 0.457         Time: 21:26
Concentration (mg/L ): 4.73
Absorbance: 0.459         Time: 21:26
Concentration (mg/L ): 4.75
Absorbance: 0.465         Time: 21:26
Concentration (mg/L ): 4.81
Mean Conc (mg/L ):        4.76      SD: 0.039      RSD(%): 0.82
Standard number 2 applied. [5.00]
Correlation coefficient: 0.99985  Slope: 0.0923
-----

```

Ca ID: Standard 3 Seq. No.: 00004 A/S Pos.: 3 Date: 08/30/93

Absorbance: 0.866 Time: 21:26
 Concentration (mg/L): 9.38

Absorbance: 0.852 Time: 21:27
 Concentration (mg/L): 9.24

Absorbance: 0.864 Time: 21:27
 Concentration (mg/L): 9.37

Mean Conc (mg/L): 9.33 SD: 0.080 RSD(%): 0.86

Standard number 3 applied. [10.00]
 Correlation coefficient: 0.99870 Slope: 0.0874

Ca ID: Blank Seq. No.: 00005 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.007 Time: 21:27
 Concentration (mg/L): 0.08

Absorbance: 0.002 Time: 21:27
 Concentration (mg/L): 0.03

Absorbance: 0.002 Time: 21:27
 Concentration (mg/L): 0.03

Mean Conc (mg/L): 0.05 SD: 0.030 RSD(%): 66.11

Auto-zero performed.

Ca ID: ICVA Seq. No.: 00006 A/S Pos.: 9 Date: 08/30/93

Absorbance: 0.473 Time: 21:28
 Concentration (mg/L): 5.41

Absorbance: 0.477 Time: 21:28
 Concentration (mg/L): 5.46

Absorbance: 0.476 Time: 21:28
 Concentration (mg/L): 5.44

Mean Conc (mg/L): 5.44 SD: 0.023 RSD(%): 0.43

Ca ID: Blank Seq. No.: 00007 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.001 Time: 21:28
 Concentration (mg/L): -0.02

Absorbance: -0.003 Time: 21:28
 Concentration (mg/L): -0.04

Absorbance: -0.003 Time: 21:28
 Concentration (mg/L): -0.03

Mean Conc (mg/L): -0.03 SD: 0.011 RSD(%): 38.06

Auto-zero performed.

 Ca ID: ICB Seq. No.: 00008 A/S Pos.: 10 Date: 08/30/93

Absorbance: -0.000 Time: 21:29
 Concentration (mg/L): -0.00

Absorbance: -0.000 Time: 21:29
 Concentration (mg/L): -0.00

Absorbance: -0.000 Time: 21:29
 Concentration (mg/L): -0.00

Mean Conc (mg/L): -0.00 SD: 0.001 RSD(%): 103.62

 Ca ID: Blank Seq. No.: 00009 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.002 Time: 21:29
 Concentration (mg/L): -0.02

Absorbance: -0.002 Time: 21:29
 Concentration (mg/L): -0.02

Absorbance: -0.002 Time: 21:29
 Concentration (mg/L): -0.02

Mean Conc (mg/L): -0.02 SD: 0.001 RSD(%): 4.31

Auto-zero performed.

 Ca ID: CRA Seq. No.: 00010 A/S Pos.: 11 Date: 08/30/93

Absorbance: 0.453 Time: 21:30
 Concentration (mg/L): 5.19

Absorbance: 0.459 Time: 21:30
 Concentration (mg/L): 5.25

Absorbance: 0.466 Time: 21:30
 Concentration (mg/L): 5.33

Mean Conc (mg/L): 5.25 SD: 0.072 RSD(%): 1.36

 Ca ID: Blank Seq. No.: 00011 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.003 Time: 21:30
 Concentration (mg/L): 0.04

Absorbance: 0.002 Time: 21:30
 Concentration (mg/L): 0.02

Absorbance: 0.001 Time: 21:30
 Concentration (mg/L): 0.02

Mean Conc (mg/L): 0.02 SD: 0.013 RSD(%): 52.50

Auto-zero performed.

Ca ID: 0.5 Seq. No.: 00012 A/S Pos.: 12 Date: 08/30/93

Absorbance: 0.047 Time: 21:31
Concentration (mg/L): 0.53

Absorbance: 0.047 Time: 21:31
Concentration (mg/L): 0.54

Absorbance: 0.047 Time: 21:31
Concentration (mg/L): 0.54

Mean Conc (mg/L): 0.54 SD: 0.005 RSD(%): 0.85

Ca ID: Blank Seq. No.: 00013 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.001 Time: 21:31
Concentration (mg/L): -0.02

Absorbance: -0.002 Time: 21:31
Concentration (mg/L): -0.02

Absorbance: -0.001 Time: 21:31
Concentration (mg/L): -0.02

Mean Conc (mg/L): -0.02 SD: 0.003 RSD(%): 14.69

Auto-zero performed.

Ca ID: 1.0 Seq. No.: 00014 A/S Pos.: 13 Date: 08/30/93

Absorbance: 0.093 Time: 21:32
Concentration (mg/L): 1.06

Absorbance: 0.094 Time: 21:32
Concentration (mg/L): 1.07

Absorbance: 0.094 Time: 21:32
Concentration (mg/L): 1.08

Mean Conc (mg/L): 1.07 SD: 0.008 RSD(%): 0.79

Ca ID: Blank Seq. No.: 00015 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.000 Time: 21:32
Concentration (mg/L): 0.00

Absorbance: -0.001 Time: 21:32
Concentration (mg/L): -0.01

Absorbance: -0.000 Time: 21:33
Concentration (mg/L): -0.00

Mean Conc (mg/L): -0.00 SD: 0.004 RSD(%): 162.57

Auto-zero performed.

Ca ID: 2.0 Seq. No.: 00016 A/S Pos.: 14 Date: 08/30/93

Absorbance: 0.175 Time: 21:33
Concentration (mg/L): 2.00

Absorbance: 0.181 Time: 21:33
Concentration (mg/L): 2.06

Absorbance: 0.179 Time: 21:33
Concentration (mg/L): 2.04

Mean Conc (mg/L): 2.04 SD: 0.033 RSD(%): 1.64

Ca ID: Blank Seq. No.: 00017 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.001 Time: 21:33
Concentration (mg/L): 0.01

Absorbance: 0.000 Time: 21:34
Concentration (mg/L): 0.00

Absorbance: 0.001 Time: 21:34
Concentration (mg/L): 0.01

Mean Conc (mg/L): 0.01 SD: 0.005 RSD(%): 60.79

Auto-zero performed.

Ca ID: 5.0 Seq. No.: 00018 A/S Pos.: 15 Date: 08/30/93

Absorbance: 0.425 Time: 21:34
Concentration (mg/L): 4.86

Absorbance: 0.434 Time: 21:34
Concentration (mg/L): 4.97

Absorbance: 0.432 Time: 21:34
Concentration (mg/L): 4.94

Mean Conc (mg/L): 4.92 SD: 0.058 RSD(%): 1.17

Ca ID: Blank Seq. No.: 00019 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.002 Time: 21:35
Concentration (mg/L): 0.02

Absorbance: 0.000 Time: 21:35
Concentration (mg/L): 0.00

Absorbance: 0.000 Time: 21:35
Concentration (mg/L): 0.00

Mean Conc (mg/L): 0.01 SD: 0.008 RSD(%): 104.87

Auto-zero performed.

 1a ID: 10.0 Seq. No.: 00020 A/S Pos.: 16 Date: 08/30/93

Absorbance: 0.849 Time: 21:35
 Concentration (mg/L): 9.71

Absorbance: 0.850 Time: 21:35
 Concentration (mg/L): 9.72

Absorbance: 0.862 Time: 21:35
 Concentration (mg/L): 9.85

Mean Conc (mg/L): 9.76 SD: 0.079 RSD(%): 0.81

 1a ID: Blank Seq. No.: 00021 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.004 Time: 21:36
 Concentration (mg/L): 0.05

Absorbance: 0.002 Time: 21:36
 Concentration (mg/L): 0.02

Absorbance: 0.001 Time: 21:36
 Concentration (mg/L): 0.02

Mean Conc (mg/L): 0.03 SD: 0.017 RSD(%): 62.61

Auto-zero performed.

 1a ID: 9935 @ 1:10 Seq. No.: 00022 A/S Pos.: 17 Date: 08/30/93

Absorbance: 0.133 Time: 21:36
 Concentration (mg/L): 1.52

Absorbance: 0.136 Time: 21:36
 Concentration (mg/L): 1.56

Absorbance: 0.137 Time: 21:36
 Concentration (mg/L): 1.56

Mean Conc (mg/L): 1.55 SD: 0.023 RSD(%): 1.46

 1a ID: Blank Seq. No.: 00023 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.003 Time: 21:37
 Concentration (mg/L): -0.03

Absorbance: -0.004 Time: 21:37
 Concentration (mg/L): -0.04

Absorbance: -0.004 Time: 21:37
 Concentration (mg/L): -0.04

Mean Conc (mg/L): -0.04 SD: 0.006 RSD(%): 14.61

Auto-zero performed.

 1a ID: 9934 Seq. No.: 00024 A/S Pos.: 18 Date: 08/30/93

Absorbance: 0.037 Time: 21:37
 Concentration (mg/L): 0.42

Absorbance: 0.038 Time: 21:37
 Concentration (mg/L): 0.43

Absorbance: 0.037 Time: 21:37
 Concentration (mg/L): 0.42

Mean Conc (mg/L): 0.43 SD: 0.004 RSD(%): 0.89

 1a ID: Blank Seq. No.: 00025 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.000 Time: 21:38
 Concentration (mg/L): -0.00

Absorbance: -0.000 Time: 21:38
 Concentration (mg/L): -0.01

Absorbance: -0.001 Time: 21:38
 Concentration (mg/L): -0.01

Mean Conc (mg/L): -0.01 SD: 0.002 RSD(%): 39.22

Auto-zero performed.

 1a ID: 9928 Seq. No.: 00026 A/S Pos.: 19 Date: 08/30/93

Absorbance: 0.936 Time: 21:38
 Concentration (mg/L): 10.71

Sample abs. is greater than that of the largest standard.

Absorbance: 0.948 Time: 21:38
 Concentration (mg/L): 10.84

Sample abs. is greater than that of the largest standard.

Absorbance: 0.950 Time: 21:38
 Concentration (mg/L): 10.87

Mean Conc (mg/L): 10.80 SD: 0.084 RSD(%): 0.78

 1a ID: Blank Seq. No.: 00027 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.010 Time: 21:39
 Concentration (mg/L): 0.11

Absorbance: 0.004 Time: 21:39
 Concentration (mg/L): 0.05

Absorbance: 0.001
 Concentration (mg/L): 0.01
 Time: 21:41
 Mean Conc (mg/L): 0.02
 SD: 0.013
 RSD(%): 79.42
 Auto-zero performed.

a ID: CCB1 Seq. No.: 00032 A/S Pos.: 22 Date: 08/30/93
 Absorbance: -0.001
 Concentration (mg/L): -0.01
 Time: 21:42
 Absorbance: -0.001
 Concentration (mg/L): -0.01
 Time: 21:42
 Absorbance: -0.001
 Concentration (mg/L): -0.01
 Time: 21:42
 Mean Conc (mg/L): -0.01 SD: 0.001 RSD(%): 11.17

a ID: Blank Seq. No.: 00033 A/S Pos.: 0 Date: 08/30/93
 Absorbance: -0.003
 Concentration (mg/L): -0.03
 Time: 21:42
 Absorbance: -0.002
 Concentration (mg/L): -0.03
 Time: 21:42
 Absorbance: -0.002
 Concentration (mg/L): -0.03
 Time: 21:42
 Mean Conc (mg/L): -0.03 SD: 0.002 RSD(%): 9.15
 Auto-zero performed.

a ID: 9930 Seq. No.: 00034 A/S Pos.: 23 Date: 08/30/93
 Sample abs. is greater than that of the largest standard.
 Absorbance: 1.348
 Concentration (mg/L): 15.42
 Time: 21:43
 Sample abs. is greater than that of the largest standard.
 Absorbance: 1.356
 Concentration (mg/L): 15.51
 Time: 21:43
 Sample abs. is greater than that of the largest standard.
 Absorbance: 1.349
 Concentration (mg/L): 15.43
 Time: 21:43
 Sample abs. is greater than that of the largest standard.
 Mean Conc (mg/L): 15.45 SD: 0.047 RSD(%): 0.30

a ID: Blank Seq. No.: 00035 A/S Pos.: 0 Date: 08/30/93
 Absorbance: 0.013
 Time: 21:43

concentration (mg/L): 0.15

bsorbance: 0.005 Time: 21:43
oncentration (mg/L): 0.06

bsorbance: 0.005 Time: 21:44
oncentration (mg/L): 0.06

ean Conc (mg/L): 0.09 SD: 0.054 RSD(%): 61.07

uto-zero performed.

a ID: +2.0 Seq. No.: 00036 A/S Pos.: 24 Date: 08/30/93

ample abs. is greater than that of the largest standard.
bsorbance: 1.419 Time: 21:44
oncentration (mg/L): 16.23

ample abs. is greater than that of the largest standard.
bsorbance: 1.422 Time: 21:44
oncentration (mg/L): 16.26

ample abs. is greater than that of the largest standard.
bsorbance: 1.420 Time: 21:44
oncentration (mg/L): 16.25

ample abs. is greater than that of the largest standard.
ean Conc (mg/L): 16.25 SD: 0.014 RSD(%): 0.08

a ID: Blank Seq. No.: 00037 A/S Pos.: 0 Date: 08/30/93

bsorbance: 0.006 Time: 21:44
oncentration (mg/L): 0.07

bsorbance: -0.003 Time: 21:45
oncentration (mg/L): -0.03

bsorbance: -0.004 Time: 21:45
oncentration (mg/L): -0.04

ean Conc (mg/L): -0.00 SD: 0.064 RSD(%): 4332.12

uto-zero performed.

a ID: 9931 Seq. No.: 00038 A/S Pos.: 25 Date: 08/30/93

ample abs. is greater than that of the largest standard.
bsorbance: 1.926 Time: 21:45
oncentration (mg/L): 22.03

ample abs. is greater than that of the largest standard.
bsorbance: 1.879 Time: 21:45
oncentration (mg/L): 21.49

ample abs. is greater than that of the largest standard.
bsorbance: 1.895 Time: 21:45

Concentration (mg/L): 21.68

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 21.73 SD: 0.274 RSD(%): 1.26

Ca ID: Blank Seq. No.: 00039 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.018 Time: 21:45
Concentration (mg/L): 0.20

Absorbance: 0.004 Time: 21:46
Concentration (mg/L): 0.04

Absorbance: 0.002 Time: 21:46
Concentration (mg/L): 0.02

Mean Conc (mg/L): 0.09 SD: 0.098 RSD(%): 108.78

Auto-zero performed.

Ca ID: 9933 Seq. No.: 00040 A/S Pos.: 26 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
Absorbance: 1.011 Time: 21:46

Concentration (mg/L): 11.56

Sample abs. is greater than that of the largest standard.
Absorbance: 1.016 Time: 21:46

Concentration (mg/L): 11.62

Sample abs. is greater than that of the largest standard.
Absorbance: 1.018 Time: 21:46

Concentration (mg/L): 11.64

Sample abs. is greater than that of the largest standard.
Mean Conc (mg/L): 11.61 SD: 0.040 RSD(%): 0.35

Ca ID: Blank Seq. No.: 00041 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.004 Time: 21:47
Concentration (mg/L): -0.05

Absorbance: -0.009 Time: 21:47
Concentration (mg/L): -0.10

Absorbance: -0.011 Time: 21:47
Concentration (mg/L): -0.12

Mean Conc (mg/L): -0.09 SD: 0.040 RSD(%): 43.47

Auto-zero performed.

Ca ID: 9936 Seq. No.: 00042 A/S Pos.: 27 Date: 08/30/93

Sample abs. is greater than that of the largest standard.

Absorbance: 2.076
Concentration (mg/L): 23.75

Time: 21:47

Sample abs. is greater than that of the largest standard.
Absorbance: 2.024
Concentration (mg/L): 23.16

Time: 21:47

Sample abs. is greater than that of the largest standard.
Absorbance: 2.066
Concentration (mg/L): 23.63

Time: 21:47

Sample abs. is greater than that of the largest standard.
Mean Conc (mg/L): 23.51

SD: 0.315

RSD(%): 1.34

Ca ID: Blank Seq. No.: 00043 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.022
Concentration (mg/L): 0.25

Time: 21:48

Absorbance: 0.008
Concentration (mg/L): 0.09

Time: 21:48

Absorbance: 0.005
Concentration (mg/L): 0.06

Time: 21:48

Mean Conc (mg/L): 0.13

SD: 0.105

RSD(%): 78.86

Auto-zero performed.

Ca ID: 9937 Seq. No.: 00044 A/S Pos.: 28 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
Absorbance: 1.889
Concentration (mg/L): 21.61

Time: 21:48

Sample abs. is greater than that of the largest standard.
Absorbance: 1.873
Concentration (mg/L): 21.42

Time: 21:48

Sample abs. is greater than that of the largest standard.
Absorbance: 1.899
Concentration (mg/L): 21.72

Time: 21:48

Sample abs. is greater than that of the largest standard.
Mean Conc (mg/L): 21.58

SD: 0.150

RSD(%): 0.69

Ca ID: Blank Seq. No.: 00045 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.007
Concentration (mg/L): 0.08

Time: 21:49

Absorbance: -0.005
Concentration (mg/L): -0.05

Time: 21:49

Absorbance: -0.008
Concentration (mg/L): -0.09

Time: 21:49

Mean Conc (mg/L): -0.02 SD: 0.090 RSD(%): 456.24

Auto-zero performed.

 Sa ID: 9938 Seq. No.: 00046 A/S Pos.: 29 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.306 Time: 21:49
 Concentration (mg/L): 26.38

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.261 Time: 21:49
 Concentration (mg/L): 25.86

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.274 Time: 21:50
 Concentration (mg/L): 26.01

Sample abs. is greater than that of the largest standard.
 Mean Conc (mg/L): 26.08 SD: 0.267 RSD(%): 1.02

 Sa ID: Blank Seq. No.: 00047 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.036 Time: 21:50
 Concentration (mg/L): 0.42

Absorbance: 0.015 Time: 21:50
 Concentration (mg/L): 0.17

Absorbance: 0.011 Time: 21:50
 Concentration (mg/L): 0.13

Mean Conc (mg/L): 0.24 SD: 0.155 RSD(%): 65.13

Auto-zero performed.

 Sa ID: 9939 Seq. No.: 00048 A/S Pos.: 30 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.335 Time: 21:50
 Concentration (mg/L): 26.71

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.303 Time: 21:51
 Concentration (mg/L): 26.34

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.384 Time: 21:51
 Concentration (mg/L): 27.27

Sample abs. is greater than that of the largest standard.
 Mean Conc (mg/L): 26.77 SD: 0.469 RSD(%): 1.75

 Sa ID: Blank Seq. No.: 00049 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.032
Concentration (mg/L): 0.36
Time: 21:51

Absorbance: -0.002
Concentration (mg/L): -0.02
Time: 21:51

Absorbance: -0.007
Concentration (mg/L): -0.08
Time: 21:51

Mean Conc (mg/L): 0.09 SD: 0.241 RSD(%): 274.08

Auto-zero performed.

Sa ID: 9940 Seq. No.: 00050 A/S Pos.: 31 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
Absorbance: 2.309
Time: 21:52

Concentration (mg/L): 26.41

Sample abs. is greater than that of the largest standard.
Absorbance: 2.416
Time: 21:52

Concentration (mg/L): 27.64

Sample abs. is greater than that of the largest standard.
Absorbance: 2.322
Time: 21:52

Concentration (mg/L): 26.56

Sample abs. is greater than that of the largest standard.
Mean Conc (mg/L): 26.87 SD: 0.668 RSD(%): 2.49

Sa ID: Blank Seq. No.: 00051 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.027
Concentration (mg/L): 0.31
Time: 21:52

Absorbance: -0.002
Concentration (mg/L): -0.02
Time: 21:52

Absorbance: -0.009
Concentration (mg/L): -0.11
Time: 21:52

Mean Conc (mg/L): 0.06 SD: 0.220 RSD(%): 352.89

Auto-zero performed.

Sa ID: 9941 Seq. No.: 00052 A/S Pos.: 32 Date: 08/30/93

Absorbance: 0.262
Concentration (mg/L): 3.00
Time: 21:53

Absorbance: 0.257
Concentration (mg/L): 2.94
Time: 21:53

Absorbance: 0.265
Concentration (mg/L): 3.03
Time: 21:53

Mean Conc (mg/L): 2.99 SD: 0.048 RSD(%): 1.59

 1a ID: Blank Seq. No.: 00053 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.049 Time: 21:54
 Concentration (mg/L): -0.56

Absorbance: -0.049 Time: 21:54
 Concentration (mg/L): -0.56

Absorbance: -0.049 Time: 21:54
 Concentration (mg/L): -0.56

Mean Conc (mg/L): -0.56 SD: 0.002 RSD(%): 0.30

Auto-zero performed.

 1a ID: CCVA2 Seq. No.: 00054 A/S Pos.: 33 Date: 08/30/93

Absorbance: 0.443 Time: 21:54
 Concentration (mg/L): 5.06

Absorbance: 0.450 Time: 21:54
 Concentration (mg/L): 5.15

Absorbance: 0.452 Time: 21:54
 Concentration (mg/L): 5.17

Mean Conc (mg/L): 5.13 SD: 0.057 RSD(%): 1.12

 1a ID: Blank Seq. No.: 00055 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.003 Time: 21:55
 Concentration (mg/L): 0.04

Absorbance: 0.001 Time: 21:55
 Concentration (mg/L): 0.01

Absorbance: -0.000 Time: 21:55
 Concentration (mg/L): -0.00

Mean Conc (mg/L): 0.02 SD: 0.022 RSD(%): 143.70

Auto-zero performed.

 1a ID: CCB2 Seq. No.: 00056 A/S Pos.: 34 Date: 08/30/93

Absorbance: -0.002 Time: 21:55
 Concentration (mg/L): -0.02

Absorbance: -0.002 Time: 21:55
 Concentration (mg/L): -0.02

Absorbance: -0.002 Time: 21:55
 Concentration (mg/L): -0.02

Mean Conc (mg/L): -0.02 SD: 0.000 RSD(%): 1.49

Ca ID: Blank Seq. No.: 00057 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.004 Time: 21:56
Concentration (mg/L): -0.04

Absorbance: -0.004 Time: 21:56
Concentration (mg/L): -0.04

Absorbance: -0.003 Time: 21:56
Concentration (mg/L): -0.03

Mean Conc (mg/L): -0.04 SD: 0.006 RSD(%): 15.58

Auto-zero performed.

Ca ID: 9942 Seq. No.: 00058 A/S Pos.: 35 Date: 08/30/93

Absorbance: 0.257 Time: 21:56
Concentration (mg/L): 2.94

Absorbance: 0.257 Time: 21:56
Concentration (mg/L): 2.94

Absorbance: 0.258 Time: 21:56
Concentration (mg/L): 2.95

Mean Conc (mg/L): 2.94 SD: 0.006 RSD(%): 0.19

Ca ID: Blank Seq. No.: 00059 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.000 Time: 21:57
Concentration (mg/L): -0.00

Absorbance: 0.000 Time: 21:57
Concentration (mg/L): 0.00

Absorbance: 0.000 Time: 21:57
Concentration (mg/L): 0.00

Mean Conc (mg/L): 0.00 SD: 0.002 RSD(%): 140.95

Auto-zero performed.

Ca ID: 0059 @ 1:10 Seq. No.: 00060 A/S Pos.: 36 Date: 08/30/93

Absorbance: 0.188 Time: 21:58
Concentration (mg/L): 2.15

Absorbance: 0.185 Time: 21:58
Concentration (mg/L): 2.12

Absorbance: 0.187 Time: 21:58
Concentration (mg/L): 2.14

Mean Conc (mg/L): 2.14 SD: 0.015 RSD(%): 0.70

Sample ID: Blank Seq. No.: 00061 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.001 Time: 21:58
Concentration (mg/L): 0.01

Absorbance: 0.000 Time: 21:58
Concentration (mg/L): 0.00

Absorbance: 0.000 Time: 21:58
Concentration (mg/L): 0.00

Mean Conc (mg/L): 0.00 SD: 0.005 RSD(%): 110.99

Auto-zero performed.

Sample ID: 0060 Seq. No.: 00062 A/S Pos.: 37 Date: 08/30/93

Absorbance: 0.028 Time: 21:59
Concentration (mg/L): 0.32

Absorbance: 0.028 Time: 21:59
Concentration (mg/L): 0.32

Absorbance: 0.027 Time: 21:59
Concentration (mg/L): 0.31

Mean Conc (mg/L): 0.32 SD: 0.004 RSD(%): 1.25

Sample ID: Blank Seq. No.: 00063 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.000 Time: 21:59
Concentration (mg/L): -0.00

Absorbance: -0.000 Time: 21:59
Concentration (mg/L): -0.00

Absorbance: -0.001 Time: 21:59
Concentration (mg/L): -0.01

Mean Conc (mg/L): -0.00 SD: 0.004 RSD(%): 120.48

Auto-zero performed.

Sample ID: 0043 Seq. No.: 00064 A/S Pos.: 38 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
Absorbance: 2.390 Time: 22:00
Concentration (mg/L): 27.34

Sample abs. is greater than that of the largest standard.
Absorbance: 2.404 Time: 22:00
Concentration (mg/L): 27.49

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.350 Time: 22:00
 Concentration (mg/L): 26.88

Sample abs. is greater than that of the largest standard.
 Mean Conc (mg/L): 27.24 SD: 0.323 RSD(%): 1.18

 Sample ID: Blank Seq. No.: 00065 A/S Pos.: 0 Date: 08/30/93
 Absorbance: 0.105 Time: 22:00
 Concentration (mg/L): 1.20
 Absorbance: 0.054 Time: 22:00
 Concentration (mg/L): 0.61
 Absorbance: 0.045 Time: 22:00
 Concentration (mg/L): 0.52
 Mean Conc (mg/L): 0.78 SD: 0.370 RSD(%): 47.64
 Auto-zero performed.

 Sample ID: 0044 Seq. No.: 00066 A/S Pos.: 39 Date: 08/30/93
 Sample abs. is greater than that of the largest standard.
 Absorbance: 2.354 Time: 22:01
 Concentration (mg/L): 26.93
 Sample abs. is greater than that of the largest standard.
 Absorbance: 2.295 Time: 22:01
 Concentration (mg/L): 26.26
 Sample abs. is greater than that of the largest standard.
 Absorbance: 2.291 Time: 22:01
 Concentration (mg/L): 26.20
 Sample abs. is greater than that of the largest standard.
 Mean Conc (mg/L): 26.46 SD: 0.405 RSD(%): 1.53

 Sample ID: Blank Seq. No.: 00067 A/S Pos.: 0 Date: 08/30/93
 Absorbance: 0.034 Time: 22:01
 Concentration (mg/L): 0.39
 Absorbance: -0.020 Time: 22:01
 Concentration (mg/L): -0.23
 Absorbance: -0.029 Time: 22:01
 Concentration (mg/L): -0.33
 Mean Conc (mg/L): -0.06 SD: 0.391 RSD(%): 693.35
 Auto-zero performed.

 Sample ID: 0045 Seq. No.: 00068 A/S Pos.: 40 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.301 Time: 22:02
 Concentration (mg/L): 26.32

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.355 Time: 22:02
 Concentration (mg/L): 26.94

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.285 Time: 22:02
 Concentration (mg/L): 26.14

Sample abs. is greater than that of the largest standard.
 Mean Conc (mg/L): 26.46 SD: 0.418 RSD(%): 1.58

Ca ID: Blank Seq. No.: 00069 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.089 Time: 22:02
 Concentration (mg/L): 1.02

Absorbance: 0.018 Time: 22:02
 Concentration (mg/L): 0.21

Absorbance: 0.000 Time: 22:03
 Concentration (mg/L): 0.00

Mean Conc (mg/L): 0.41 SD: 0.538 RSD(%): 131.60

Auto-zero performed.

Ca ID: 0046 Seq. No.: 00070 A/S Pos.: 41 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.297 Time: 22:03
 Concentration (mg/L): 26.27

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.252 Time: 22:03
 Concentration (mg/L): 25.75

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.299 Time: 22:03
 Concentration (mg/L): 26.30

Sample abs. is greater than that of the largest standard.
 Mean Conc (mg/L): 26.11 SD: 0.307 RSD(%): 1.18

Ca ID: Blank Seq. No.: 00071 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.259 Time: 22:03
 Concentration (mg/L): 2.97

Absorbance: 0.080 Time: 22:04
 Concentration (mg/L): 0.92

Absorbance: 0.069 Time: 22:04

Concentration (mg/L): 0.79

Mean Conc (mg/L): 1.56 SD: 1.220 RSD(%): 78.23

Auto-zero performed.

 Ca ID: 0047 Seq. No.: 00072 A/S Pos.: 42 Date: 08/30/93

Sample abs. is greater than that of the largest standard.

Absorbance: 2.109 Time: 22:04

Concentration (mg/L): 24.12

Sample abs. is greater than that of the largest standard.

Absorbance: 2.065 Time: 22:04

Concentration (mg/L): 23.62

Sample abs. is greater than that of the largest standard.

Absorbance: 2.098 Time: 22:04

Concentration (mg/L): 24.00

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 23.91 SD: 0.262 RSD(%): 1.10

 Ca ID: Blank Seq. No.: 00073 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.130 Time: 22:05

Concentration (mg/L): -1.49

Absorbance: -0.171 Time: 22:05

Concentration (mg/L): -1.95

Absorbance: -0.181 Time: 22:05

Concentration (mg/L): -2.07

Mean Conc (mg/L): -1.84 SD: 0.307 RSD(%): 16.70

Auto-zero performed.

 Ca ID: 0048 Seq. No.: 00074 A/S Pos.: 43 Date: 08/30/93

Sample abs. is greater than that of the largest standard.

Absorbance: 2.258 Time: 22:05

Concentration (mg/L): 25.83

Sample abs. is greater than that of the largest standard.

Absorbance: 2.322 Time: 22:05

Concentration (mg/L): 26.56

Sample abs. is greater than that of the largest standard.

Absorbance: 2.366 Time: 22:05

Concentration (mg/L): 27.06

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 26.49 SD: 0.619 RSD(%): 2.34

~~~~~  
 ID: Blank                      Seq. No.: 00075      A/S Pos.: 0      Date: 08/30/93  
 Absorbance: 0.020                      Time: 22:06  
 Concentration (mg/L ): 0.22  
 Absorbance: -0.003                      Time: 22:06  
 Concentration (mg/L ): -0.04  
 Absorbance: -0.019                      Time: 22:06  
 Concentration (mg/L ): -0.22  
 Mean Conc (mg/L ):              -0.01              SD: 0.222              RSD(%): 2379.11  
 Auto-zero performed.

~~~~~  
 ID: 0049 Seq. No.: 00076 A/S Pos.: 44 Date: 08/30/93
 Sample abs. is greater than that of the largest standard.
 Absorbance: 2.314 Time: 22:06
 Concentration (mg/L): 26.47
 Sample abs. is greater than that of the largest standard.
 Absorbance: 2.381 Time: 22:06
 Concentration (mg/L): 27.23
 Sample abs. is greater than that of the largest standard.
 Absorbance: 2.307 Time: 22:06
 Concentration (mg/L): 26.39
 Sample abs. is greater than that of the largest standard.
 Mean Conc (mg/L): 26.70 SD: 0.466 RSD(%): 1.75

~~~~~  
 ID: Blank                      Seq. No.: 00077      A/S Pos.: 0      Date: 08/30/93  
 Absorbance: -0.060                      Time: 22:07  
 Concentration (mg/L ): -0.69  
 Absorbance: -0.057                      Time: 22:07  
 Concentration (mg/L ): -0.65  
 Absorbance: -0.059                      Time: 22:08  
 Concentration (mg/L ): -0.67  
 Mean Conc (mg/L ):              -0.67              SD: 0.019              RSD(%): 2.78  
 Auto-zero performed.

~~~~~  
 ID: CCVA3 Seq. No.: 00078 A/S Pos.: 45 Date: 08/30/93
 Absorbance: 0.466 Time: 22:08
 Concentration (mg/L): 5.33
 Absorbance: 0.471 Time: 22:08
 Concentration (mg/L): 5.39

Absorbance: 0.465
 Concentration (mg/L): 5.31
 Time: 22:08
 Mean Conc (mg/L): 5.34 SD: 0.038 RSD(%): 0.72

Ca ID: Blank Seq. No.: 00079 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.008
 Concentration (mg/L): -0.09
 Time: 22:08

Absorbance: -0.008
 Concentration (mg/L): -0.09
 Time: 22:09

Absorbance: -0.006
 Concentration (mg/L): -0.07
 Time: 22:09

Mean Conc (mg/L): -0.08 SD: 0.009 RSD(%): 11.52

Auto-zero performed.

Ca ID: CCB3 Seq. No.: 00080 A/S Pos.: 46 Date: 08/30/93

Absorbance: -0.003
 Concentration (mg/L): -0.04
 Time: 22:09

Absorbance: -0.005
 Concentration (mg/L): -0.05
 Time: 22:09

Absorbance: -0.005
 Concentration (mg/L): -0.05
 Time: 22:09

Mean Conc (mg/L): -0.05 SD: 0.008 RSD(%): 15.81

Ca ID: Blank Seq. No.: 00081 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.005
 Concentration (mg/L): -0.05
 Time: 22:10

Absorbance: -0.005
 Concentration (mg/L): -0.06
 Time: 22:10

Absorbance: -0.005
 Concentration (mg/L): -0.06
 Time: 22:10

Mean Conc (mg/L): -0.06 SD: 0.004 RSD(%): 6.80

Auto-zero performed.

Ca ID: 0050 Seq. No.: 00082 A/S Pos.: 47 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.390 Time: 22:10

Concentration (mg/L): 27.34

Sample abs. is greater than that of the largest standard.

Absorbance: 2.365
Concentration (mg/L): 27.05

Time: 22:10

Sample abs. is greater than that of the largest standard.

Absorbance: 2.292
Concentration (mg/L): 26.22

Time: 22:10

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 26.87

SD: 0.581

RSD(%): 2.16

Ca ID: Blank

Seq. No.: 00083

A/S Pos.: 0

Date: 08/30/93

Absorbance: 0.071
Concentration (mg/L): 0.81

Time: 22:11

Absorbance: 0.035
Concentration (mg/L): 0.40

Time: 22:11

Absorbance: 0.029
Concentration (mg/L): 0.34

Time: 22:11

Mean Conc (mg/L): 0.52

SD: 0.257

RSD(%): 49.91

Auto-zero performed.

Ca ID: 0051

Seq. No.: 00084

A/S Pos.: 48

Date: 08/30/93

Sample abs. is greater than that of the largest standard.

Absorbance: 2.294
Concentration (mg/L): 26.24

Time: 22:11

Sample abs. is greater than that of the largest standard.

Absorbance: 2.321
Concentration (mg/L): 26.55

Time: 22:11

Sample abs. is greater than that of the largest standard.

Absorbance: 2.329
Concentration (mg/L): 26.64

Time: 22:11

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 26.48

SD: 0.213

RSD(%): 0.80

Ca ID: Blank

Seq. No.: 00085

A/S Pos.: 0

Date: 08/30/93

Absorbance: 0.057
Concentration (mg/L): 0.65

Time: 22:12

Absorbance: -0.001
Concentration (mg/L): -0.01

Time: 22:12

Absorbance: -0.007
Concentration (mg/L): -0.08

Time: 22:12

Mean Conc (mg/L): 0.19

SD: 0.403

RSD(%): 214.40

Auto-zero performed.

1a ID: 0052 Seq. No.: 00086 A/S Pos.: 49 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
Absorbance: 2.317 Time: 22:12
Concentration (mg/L): 26.51

Sample abs. is greater than that of the largest standard.
Absorbance: 2.332 Time: 22:12
Concentration (mg/L): 26.68

Sample abs. is greater than that of the largest standard.
Absorbance: 2.296 Time: 22:12
Concentration (mg/L): 26.26

Sample abs. is greater than that of the largest standard.
Mean Conc (mg/L): 26.48 SD: 0.208 RSD(%): 0.79

1a ID: Blank Seq. No.: 00087 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.045 Time: 22:13
Concentration (mg/L): 0.52

Absorbance: -0.001 Time: 22:13
Concentration (mg/L): -0.01

Absorbance: -0.017 Time: 22:13
Concentration (mg/L): -0.19

Mean Conc (mg/L): 0.10 SD: 0.371 RSD(%): 354.69

Auto-zero performed.

1a ID: 0053 Seq. No.: 00088 A/S Pos.: 50 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
Absorbance: 2.314 Time: 22:13
Concentration (mg/L): 26.47

Sample abs. is greater than that of the largest standard.
Absorbance: 2.336 Time: 22:13
Concentration (mg/L): 26.72

Sample abs. is greater than that of the largest standard.
Absorbance: 2.284 Time: 22:13
Concentration (mg/L): 26.13

Sample abs. is greater than that of the largest standard.
Mean Conc (mg/L): 26.44 SD: 0.298 RSD(%): 1.13

1a ID: Blank Seq. No.: 00089 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.092 Time: 22:14
Concentration (mg/L): 1.05

Absorbance: 0.030 Time: 22:14

Concentration (mg/L): 0.34

Absorbance: 0.002

Time: 22:14

Concentration (mg/L): 0.03

Mean Conc (mg/L): 0.47

SD: 0.527

RSD(%): 111.28

Auto-zero performed.

Ca ID: 0054

Seq. No.: 00090

A/S Pos.: 51

Date: 08/30/93

Sample abs. is greater than that of the largest standard.

Absorbance: 2.259

Time: 22:14

Concentration (mg/L): 25.84

Sample abs. is greater than that of the largest standard.

Absorbance: 2.250

Time: 22:14

Concentration (mg/L): 25.73

Sample abs. is greater than that of the largest standard.

Absorbance: 2.266

Time: 22:15

Concentration (mg/L): 25.92

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 25.83

SD: 0.092

RSD(%): 0.36

Ca ID: Blank

Seq. No.: 00091

A/S Pos.: 0

Date: 08/30/93

Absorbance: -0.010

Time: 22:15

Concentration (mg/L): -0.11

Absorbance: -0.055

Time: 22:15

Concentration (mg/L): -0.63

Absorbance: -0.064

Time: 22:15

Concentration (mg/L): -0.74

Mean Conc (mg/L): -0.49

SD: 0.334

RSD(%): 67.84

Auto-zero performed.

Ca ID: 0055

Seq. No.: 00092

A/S Pos.: 52

Date: 08/30/93

Sample abs. is greater than that of the largest standard.

Absorbance: 2.270

Time: 22:15

Concentration (mg/L): 25.97

Sample abs. is greater than that of the largest standard.

Absorbance: 2.265

Time: 22:15

Concentration (mg/L): 25.91

Sample abs. is greater than that of the largest standard.

Absorbance: 2.357

Time: 22:16

Concentration (mg/L): 26.96

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 26.28 SD: 0.590 RSD(%): 2.25

Sample ID: Blank Seq. No.: 00093 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.016 Time: 22:16
Concentration (mg/L): 0.18

Absorbance: -0.031 Time: 22:16
Concentration (mg/L): -0.36

Absorbance: -0.039 Time: 22:16
Concentration (mg/L): -0.45

Mean Conc (mg/L): -0.21 SD: 0.340 RSD(%): 163.22

Auto-zero performed.

Sample ID: +2.0 Seq. No.: 00094 A/S Pos.: 53 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
Absorbance: 2.304 Time: 22:16
Concentration (mg/L): 26.36

Sample abs. is greater than that of the largest standard.
Absorbance: 2.306 Time: 22:17
Concentration (mg/L): 26.37

Sample abs. is greater than that of the largest standard.
Absorbance: 2.284 Time: 22:17
Concentration (mg/L): 26.12

Sample abs. is greater than that of the largest standard.
Mean Conc (mg/L): 26.28 SD: 0.139 RSD(%): 0.53

Sample ID: Blank Seq. No.: 00095 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.025 Time: 22:17
Concentration (mg/L): 0.28

Absorbance: -0.030 Time: 22:17
Concentration (mg/L): -0.34

Absorbance: -0.037 Time: 22:17
Concentration (mg/L): -0.42

Mean Conc (mg/L): -0.16 SD: 0.385 RSD(%): 238.42

Auto-zero performed.

Sample ID: 0057 Seq. No.: 00096 A/S Pos.: 54 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
Absorbance: 2.339 Time: 22:17
Concentration (mg/L): 26.76

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.316 Time: 22:18
 Concentration (mg/L): 26.49

Sample abs. is greater than that of the largest standard.
 Absorbance: 2.320 Time: 22:18
 Concentration (mg/L): 26.54

Sample abs. is greater than that of the largest standard.
 Mean Conc (mg/L): 26.59 SD: 0.141 RSD(%): 0.53

 Ca ID: Blank Seq. No.: 00097 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.035 Time: 22:19
 Concentration (mg/L): -0.40

Absorbance: -0.035 Time: 22:19
 Concentration (mg/L): -0.40

Absorbance: -0.035 Time: 22:19
 Concentration (mg/L): -0.40

Mean Conc (mg/L): -0.40 SD: 0.002 RSD(%): 0.43

Auto-zero performed.

 Ca ID: 0056 @ 1:100 Seq. No.: 00098 A/S Pos.: 55 Date: 08/30/93

Absorbance: 0.298 Time: 22:20
 Concentration (mg/L): 3.40

Absorbance: 0.303 Time: 22:20
 Concentration (mg/L): 3.46

Absorbance: 0.303 Time: 22:20
 Concentration (mg/L): 3.47

Mean Conc (mg/L): 3.45 SD: 0.036 RSD(%): 1.04

 Ca ID: Blank Seq. No.: 00099 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.000 Time: 22:20
 Concentration (mg/L): -0.00

Absorbance: -0.001 Time: 22:20
 Concentration (mg/L): -0.01

Absorbance: 0.000 Time: 22:21
 Concentration (mg/L): 0.00

Mean Conc (mg/L): -0.00 SD: 0.005 RSD(%): 185.05

Auto-zero performed.

 Ca ID: CCVA4 Seq. No.: 00100 A/S Pos.: 56 Date: 08/30/93

Absorbance: 0.456
Concentration (mg/L): 5.22

Time: 22:21

Absorbance: 0.455
Concentration (mg/L): 5.21

Time: 22:21

Absorbance: 0.455
Concentration (mg/L): 5.20

Time: 22:21

Mean Conc (mg/L): 5.21

SD: 0.010

RSD(%): 0.19

Ca ID: Blank

Seq. No.: 00101 A/S Pos.: 0

Date: 08/30/93

Absorbance: 0.001
Concentration (mg/L): 0.01

Time: 22:21

Absorbance: -0.001
Concentration (mg/L): -0.01

Time: 22:21

Absorbance: 0.001
Concentration (mg/L): 0.01

Time: 22:22

Mean Conc (mg/L): 0.00

SD: 0.009

RSD(%): 247.75

Auto-zero performed.

Ca ID: CCB4

Seq. No.: 00102 A/S Pos.: 57

Date: 08/30/93

Absorbance: -0.002
Concentration (mg/L): -0.03

Time: 22:22

Absorbance: -0.003
Concentration (mg/L): -0.03

Time: 22:22

Absorbance: -0.003
Concentration (mg/L): -0.04

Time: 22:22

Mean Conc (mg/L): -0.03

SD: 0.007

RSD(%): 21.35

Ca ID: Blank

Seq. No.: 00103 A/S Pos.: 0

Date: 08/30/93

Absorbance: -0.003
Concentration (mg/L): -0.03

Time: 22:22

Absorbance: -0.003
Concentration (mg/L): -0.04

Time: 22:23

Absorbance: -0.003
Concentration (mg/L): -0.03

Time: 22:23

Mean Conc (mg/L): -0.03

SD: 0.003

RSD(%): 8.69

Auto-zero performed.

Ca ID: 9928 @ 1:10

Seq. No.: 00104 A/S Pos.: 58

Date: 08/30/93

Absorbance: 0.133
 Concentration (mg/L): 1.52
 Time: 22:23

Absorbance: 0.135
 Concentration (mg/L): 1.54
 Time: 22:23

Absorbance: 0.134
 Concentration (mg/L): 1.53
 Time: 22:23

Mean Conc (mg/L): 1.53 SD: 0.011 RSD(%): 0.69

Ca ID: Blank Seq. No.: 00105 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.001
 Concentration (mg/L): 0.01
 Time: 22:23

Absorbance: 0.001
 Concentration (mg/L): 0.01
 Time: 22:24

Absorbance: 0.001
 Concentration (mg/L): 0.01
 Time: 22:24

Mean Conc (mg/L): 0.01 SD: 0.003 RSD(%): 31.60

Auto-zero performed.

Ca ID: 9930 @ 1:10 Seq. No.: 00106 A/S Pos.: 59 Date: 08/30/93

Absorbance: 0.178
 Concentration (mg/L): 2.03
 Time: 22:24

Absorbance: 0.177
 Concentration (mg/L): 2.02
 Time: 22:24

Absorbance: 0.179
 Concentration (mg/L): 2.04
 Time: 22:24

Mean Conc (mg/L): 2.03 SD: 0.009 RSD(%): 0.45

Ca ID: Blank Seq. No.: 00107 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.001
 Concentration (mg/L): 0.01
 Time: 22:25

Absorbance: -0.000
 Concentration (mg/L): -0.00
 Time: 22:25

Absorbance: -0.000
 Concentration (mg/L): -0.00
 Time: 22:25

Mean Conc (mg/L): 0.00 SD: 0.006 RSD(%): 523.88

Auto-zero performed.

Ca ID: +2.0 Seq. No.: 00108 A/S Pos.: 60 Date: 08/30/93

Absorbance: 0.364
Concentration (mg/L): 4.16
Time: 22:25

Absorbance: 0.366
Concentration (mg/L): 4.19
Time: 22:25

Absorbance: 0.364
Concentration (mg/L): 4.16
Time: 22:25

Mean Conc (mg/L): 4.17 SD: 0.016 RSD(%): 0.38

Ca ID: Blank Seq. No.: 00109 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.002
Concentration (mg/L): 0.02
Time: 22:26

Absorbance: -0.000
Concentration (mg/L): -0.00
Time: 22:26

Absorbance: 0.000
Concentration (mg/L): 0.00
Time: 22:26

Mean Conc (mg/L): 0.01 SD: 0.012 RSD(%): 154.44

Auto-zero performed.

Ca ID: 9931 @ 1:10 Seq. No.: 00110 A/S Pos.: 61 Date: 08/30/93

Absorbance: 0.325
Concentration (mg/L): 3.71
Time: 22:26

Absorbance: 0.328
Concentration (mg/L): 3.75
Time: 22:26

Absorbance: 0.328
Concentration (mg/L): 3.75
Time: 22:26

Mean Conc (mg/L): 3.74 SD: 0.022 RSD(%): 0.58

Ca ID: Blank Seq. No.: 00111 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.001
Concentration (mg/L): 0.01
Time: 22:27

Absorbance: 0.000
Concentration (mg/L): 0.00
Time: 22:27

Absorbance: 0.000
Concentration (mg/L): 0.00
Time: 22:27

Mean Conc (mg/L): 0.01 SD: 0.005 RSD(%): 94.58

Auto-zero performed.

Ca ID: 9933 @ 1:10 Seq. No.: 00112 A/S Pos.: 62 Date: 08/30/93

Absorbance: 0.138
Concentration (mg/L): 1.58
Time: 22:27

Absorbance: 0.142
Concentration (mg/L): 1.62
Time: 22:27

Absorbance: 0.142
Concentration (mg/L): 1.62
Time: 22:28

Mean Conc (mg/L): 1.61 SD: 0.023 RSD(%): 1.44

Ca ID: Blank Seq. No.: 00113 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.001
Concentration (mg/L): -0.01
Time: 22:28

Absorbance: -0.001
Concentration (mg/L): -0.01
Time: 22:28

Absorbance: -0.001
Concentration (mg/L): -0.01
Time: 22:28

Mean Conc (mg/L): -0.01 SD: 0.004 RSD(%): 32.84

Auto-zero performed.

Ca ID: 9936 @ 1:10 Seq. No.: 00114 A/S Pos.: 63 Date: 08/30/93

Absorbance: 0.427
Concentration (mg/L): 4.89
Time: 22:28

Absorbance: 0.433
Concentration (mg/L): 4.95
Time: 22:28

Absorbance: 0.442
Concentration (mg/L): 5.06
Time: 22:29

Mean Conc (mg/L): 4.96 SD: 0.085 RSD(%): 1.71

Ca ID: Blank Seq. No.: 00115 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.003
Concentration (mg/L): 0.04
Time: 22:29

Absorbance: 0.000
Concentration (mg/L): 0.00
Time: 22:29

Absorbance: 0.001
Concentration (mg/L): 0.01
Time: 22:29

Mean Conc (mg/L): 0.02 SD: 0.017 RSD(%): 106.18

Auto-zero performed.

Ca ID: 9937 @ 1:10 Seq. No.: 00116 A/S Pos.: 64 Date: 08/30/93

Absorbance: 0.381
Concentration (mg/L): 4.36
Time: 22:29

Absorbance: 0.396
Concentration (mg/L): 4.53
Time: 22:29

Absorbance: 0.394
Concentration (mg/L): 4.51
Time: 22:30

Mean Conc (mg/L): 4.47 SD: 0.094 RSD(%): 2.12

Ca ID: Blank Seq. No.: 00117 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.001
Concentration (mg/L): 0.01
Time: 22:30

Absorbance: -0.001
Concentration (mg/L): -0.01
Time: 22:30

Absorbance: -0.001
Concentration (mg/L): -0.01
Time: 22:30

Mean Conc (mg/L): -0.00 SD: 0.013 RSD(%): 294.71

Auto-zero performed.

Ca ID: 9938 @ 1:10 Seq. No.: 00118 A/S Pos.: 65 Date: 08/30/93

Absorbance: 0.707
Concentration (mg/L): 8.09
Time: 22:30

Absorbance: 0.730
Concentration (mg/L): 8.36
Time: 22:30

Absorbance: 0.721
Concentration (mg/L): 8.25
Time: 22:31

Mean Conc (mg/L): 8.23 SD: 0.132 RSD(%): 1.61

Ca ID: Blank Seq. No.: 00119 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.004
Concentration (mg/L): 0.05
Time: 22:31

Absorbance: -0.000
Concentration (mg/L): -0.00
Time: 22:31

Absorbance: 0.001
Concentration (mg/L): 0.01
Time: 22:31

Mean Conc (mg/L): 0.02 SD: 0.028 RSD(%): 163.12

Auto-zero performed.

Ca ID: 9939 @ 1:10 Seq. No.: 00120 A/S Pos.: 66 Date: 08/30/93

Absorbance: 0.942
Concentration (mg/L): 10.77

Time: 22:31

Sample abs. is greater than that of the largest standard.

Absorbance: 0.958
Concentration (mg/L): 10.96

Time: 22:32

Sample abs. is greater than that of the largest standard.

Absorbance: 0.962
Concentration (mg/L): 11.00

Time: 22:32

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 10.91

SD: 0.124

RSD(%): 1.14

Ca ID: Blank

Seq. No.: 00121 A/S Pos.: 0

Date: 08/30/93

Absorbance: 0.004
Concentration (mg/L): 0.05

Time: 22:32

Absorbance: -0.000
Concentration (mg/L): -0.00

Time: 22:32

Absorbance: 0.001
Concentration (mg/L): 0.01

Time: 22:32

Mean Conc (mg/L): 0.02

SD: 0.026

RSD(%): 145.69

Auto-zero performed.

Ca ID: 9940 @ 1:10

Seq. No.: 00122 A/S Pos.: 67

Date: 08/30/93

Sample abs. is greater than that of the largest standard.

Absorbance: 0.972
Concentration (mg/L): 11.12

Time: 22:32

Sample abs. is greater than that of the largest standard.

Absorbance: 0.988
Concentration (mg/L): 11.30

Time: 22:33

Sample abs. is greater than that of the largest standard.

Absorbance: 0.993
Concentration (mg/L): 11.36

Time: 22:33

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 11.26

SD: 0.124

RSD(%): 1.10

Ca ID: Blank

Seq. No.: 00123 A/S Pos.: 0

Date: 08/30/93

Absorbance: 0.003
Concentration (mg/L): 0.03

Time: 22:33

Absorbance: -0.002
Concentration (mg/L): -0.02

Time: 22:33

Absorbance: -0.000
Concentration (mg/L): -0.00

Time: 22:33

Mean Conc (mg/L): 0.00 SD: 0.027 RSD(%): 1177.57

Auto-zero performed.

 Sa ID: CCVA5 Seq. No.: 00124 A/S Pos.: 68 Date: 08/30/93

Absorbance: 0.443 Time: 22:33
 Concentration (mg/L): 5.07

Absorbance: 0.457 Time: 22:34
 Concentration (mg/L): 5.22

Absorbance: 0.448 Time: 22:34
 Concentration (mg/L): 5.13

Mean Conc (mg/L): 5.14 SD: 0.076 RSD(%): 1.48

 Sa ID: Blank Seq. No.: 00125 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.001 Time: 22:34
 Concentration (mg/L): -0.02

Absorbance: -0.003 Time: 22:34
 Concentration (mg/L): -0.04

Absorbance: -0.003 Time: 22:34
 Concentration (mg/L): -0.03

Mean Conc (mg/L): -0.03 SD: 0.012 RSD(%): 42.44

Auto-zero performed.

 Sa ID: CCB5 Seq. No.: 00126 A/S Pos.: 69 Date: 08/30/93

Absorbance: -0.004 Time: 22:35
 Concentration (mg/L): -0.04

Absorbance: -0.004 Time: 22:35
 Concentration (mg/L): -0.04

Absorbance: -0.004 Time: 22:35
 Concentration (mg/L): -0.04

Mean Conc (mg/L): -0.04 SD: 0.001 RSD(%): 2.08

 Sa ID: Blank Seq. No.: 00127 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.003 Time: 22:35
 Concentration (mg/L): -0.04

Absorbance: -0.003 Time: 22:35
 Concentration (mg/L): -0.04

Absorbance: -0.003 Time: 22:35
 Concentration (mg/L): -0.04

Mean Conc (mg/L): -0.04 SD: 0.001 RSD(%): 2.00

Auto-zero performed.

Ca ID: 0043 @ 1:100 Seq. No.: 00128 A/S Pos.: 70 Date: 08/30/93

Absorbance: 0.152 Time: 22:36
Concentration (mg/L): 1.74

Absorbance: 0.152 Time: 22:36
Concentration (mg/L): 1.74

Absorbance: 0.153 Time: 22:36
Concentration (mg/L): 1.75

Mean Conc (mg/L): 1.74 SD: 0.006 RSD(%): 0.34

Ca ID: Blank Seq. No.: 00129 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.002 Time: 22:36
Concentration (mg/L): 0.02

Absorbance: 0.000 Time: 22:36
Concentration (mg/L): 0.00

Absorbance: 0.001 Time: 22:36
Concentration (mg/L): 0.01

Mean Conc (mg/L): 0.01 SD: 0.007 RSD(%): 77.82

Auto-zero performed.

Ca ID: 0044 @ 1:100 Seq. No.: 00130 A/S Pos.: 71 Date: 08/30/93

Absorbance: 0.127 Time: 22:37
Concentration (mg/L): 1.45

Absorbance: 0.129 Time: 22:37
Concentration (mg/L): 1.47

Absorbance: 0.131 Time: 22:37
Concentration (mg/L): 1.50

Mean Conc (mg/L): 1.47 SD: 0.022 RSD(%): 1.53

Ca ID: Blank Seq. No.: 00131 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.000 Time: 22:37
Concentration (mg/L): 0.00

Absorbance: -0.000 Time: 22:37
Concentration (mg/L): -0.00

Absorbance: -0.000 Time: 22:37
Concentration (mg/L): -0.00

Mean Conc (mg/L): -0.00 SD: 0.004 RSD(%): 311.21

Auto-zero performed.

Ca ID: 0045 @ 1:100 Seq. No.: 00132 A/S Pos.: 72 Date: 08/30/93

Absorbance: 0.228 Time: 22:38
Concentration (mg/L): 2.61

Absorbance: 0.232 Time: 22:38
Concentration (mg/L): 2.65

Absorbance: 0.233 Time: 22:38
Concentration (mg/L): 2.66

Mean Conc (mg/L): 2.64 SD: 0.030 RSD(%): 1.12

Ca ID: Blank Seq. No.: 00133 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.000 Time: 22:38
Concentration (mg/L): 0.00

Absorbance: -0.000 Time: 22:38
Concentration (mg/L): -0.00

Absorbance: -0.000 Time: 22:38
Concentration (mg/L): -0.00

Mean Conc (mg/L): -0.00 SD: 0.003 RSD(%): 114.81

Auto-zero performed.

Ca ID: 0046 @ 1:100 *km 8/30/93* Seq. No.: 00134 A/S Pos.: 73 Date: 08/30/93

Absorbance: 0.616 Time: 22:39
Concentration (mg/L): 7.04

Absorbance: 0.625 Time: 22:39
Concentration (mg/L): 7.15

Absorbance: 0.631 Time: 22:39
Concentration (mg/L): 7.22

Mean Conc (mg/L): 7.14 SD: 0.090 RSD(%): 1.27

Ca ID: Blank Seq. No.: 00135 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.003 Time: 22:39
Concentration (mg/L): 0.03

Absorbance: 0.001 Time: 22:39
Concentration (mg/L): 0.01

Absorbance: 0.001 Time: 22:40
Concentration (mg/L): 0.02

Mean Conc (mg/L): 0.02 SD: 0.012 RSD(%): 68.04

Auto-zero performed.

 Ca ID: 0047 @ 1:100 Seq. No.: 00136 A/S Pos.: 74 Date: 08/30/93

Absorbance: 0.128 Time: 22:40
 Concentration (mg/L): 1.47

Absorbance: 0.130 Time: 22:40
 Concentration (mg/L): 1.49

Absorbance: 0.131 Time: 22:40
 Concentration (mg/L): 1.50

Mean Conc (mg/L): 1.48 SD: 0.016 RSD(%): 1.11

 Ca ID: Blank Seq. No.: 00137 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.002 Time: 22:40
 Concentration (mg/L): -0.02

Absorbance: -0.002 Time: 22:41
 Concentration (mg/L): -0.03

Absorbance: -0.002 Time: 22:41
 Concentration (mg/L): -0.03

Mean Conc (mg/L): -0.02 SD: 0.006 RSD(%): 23.50

Auto-zero performed.

 Ca ID: 0048 @ 1:100 Seq. No.: 00138 A/S Pos.: 75 Date: 08/30/93

Absorbance: 0.125 Time: 22:41
 Concentration (mg/L): 1.42

Absorbance: 0.128 Time: 22:41
 Concentration (mg/L): 1.46

Absorbance: 0.127 Time: 22:41
 Concentration (mg/L): 1.45

Mean Conc (mg/L): 1.44 SD: 0.018 RSD(%): 1.26

 Ca ID: Blank Seq. No.: 00139 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.000 Time: 22:41
 Concentration (mg/L): 0.00

Absorbance: -0.000 Time: 22:42
 Concentration (mg/L): -0.00

Absorbance: -0.001 Time: 22:42
 Concentration (mg/L): -0.01

Mean Conc (mg/L): -0.00 SD: 0.005 RSD(%): 174.31

Auto-zero performed.

Ca ID: 0049 @ 1:100 Seq. No.: 00140 A/S Pos.: 76 Date: 08/30/93

Absorbance: 0.258 Time: 22:42
Concentration (mg/L): 2.96

Absorbance: 0.265 Time: 22:42
Concentration (mg/L): 3.03

Absorbance: 0.266 Time: 22:42
Concentration (mg/L): 3.04

Mean Conc (mg/L): 3.01 SD: 0.047 RSD(%): 1.58

Ca ID: Blank Seq. No.: 00141 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.001 Time: 22:43
Concentration (mg/L): 0.01

Absorbance: 0.001 Time: 22:43
Concentration (mg/L): 0.01

Absorbance: 0.000 Time: 22:43
Concentration (mg/L): 0.00

Mean Conc (mg/L): 0.01 SD: 0.006 RSD(%): 71.23

Auto-zero performed.

Ca ID: 0050 @ 1:100 Seq. No.: 00142 A/S Pos.: 77 Date: 08/30/93

Absorbance: 0.113 Time: 22:43
Concentration (mg/L): 1.29

Absorbance: 0.113 Time: 22:43
Concentration (mg/L): 1.29

Absorbance: 0.115 Time: 22:43
Concentration (mg/L): 1.31

Mean Conc (mg/L): 1.30 SD: 0.012 RSD(%): 0.91

Ca ID: Blank Seq. No.: 00143 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.000 Time: 22:44
Concentration (mg/L): 0.00

Absorbance: -0.001 Time: 22:44
Concentration (mg/L): -0.01

Absorbance: -0.000 Time: 22:44
Concentration (mg/L): -0.01

Mean Conc (mg/L): -0.00 SD: 0.007 RSD(%): 142.74

Auto-zero performed.

Ca ID: 0051 @ 1:100 Seq. No.: 00144 A/S Pos.: 78 Date: 08/30/93

Absorbance: 0.109 Time: 22:44
Concentration (mg/L): 1.24

Absorbance: 0.111 Time: 22:44
Concentration (mg/L): 1.27

Absorbance: 0.112 Time: 22:44
Concentration (mg/L): 1.29

Mean Conc (mg/L): 1.27 SD: 0.021 RSD(%): 1.67

Ca ID: Blank Seq. No.: 00145 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.000 Time: 22:45
Concentration (mg/L): 0.00

Absorbance: -0.001 Time: 22:45
Concentration (mg/L): -0.01

Absorbance: -0.000 Time: 22:45
Concentration (mg/L): -0.00

Mean Conc (mg/L): -0.00 SD: 0.004 RSD(%): 213.62

Auto-zero performed.

Ca ID: 0052 @ 1:10 Seq. No.: 00146 A/S Pos.: 79 Date: 08/30/93

Absorbance: 0.122 Time: 22:45
Concentration (mg/L): 1.40

Absorbance: 0.123 Time: 22:45
Concentration (mg/L): 1.41

Absorbance: 0.126 Time: 22:45
Concentration (mg/L): 1.44

Mean Conc (mg/L): 1.42 SD: 0.024 RSD(%): 1.69

Ca ID: Blank Seq. No.: 00147 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.001 Time: 22:46
Concentration (mg/L): 0.01

Absorbance: -0.000 Time: 22:46
Concentration (mg/L): -0.00

Absorbance: -0.000 Time: 22:46
Concentration (mg/L): -0.00

Mean Conc (mg/L): 0.00 SD: 0.005 RSD(%): 218.06

Auto-zero performed.

 Ca ID: CCVA6 Seq. No.: 00148 A/S Pos.: 80 Date: 08/30/93

Absorbance: 0.449 Time: 22:46
 Concentration (mg/L): 5.14

Absorbance: 0.455 Time: 22:46
 Concentration (mg/L): 5.20

Absorbance: 0.460 Time: 22:46
 Concentration (mg/L): 5.27

Mean Conc (mg/L): 5.20 SD: 0.066 RSD(%): 1.26

 Ca ID: Blank Seq. No.: 00149 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.002 Time: 22:47
 Concentration (mg/L): 0.03

Absorbance: 0.000 Time: 22:47
 Concentration (mg/L): 0.00

Absorbance: 0.000 Time: 22:47
 Concentration (mg/L): 0.00

Mean Conc (mg/L): 0.01 SD: 0.014 RSD(%): 129.68

Auto-zero performed.

 Ca ID: CCB6 Seq. No.: 00150 A/S Pos.: 81 Date: 08/30/93

Absorbance: -0.002 Time: 22:47
 Concentration (mg/L): -0.02

Absorbance: -0.001 Time: 22:47
 Concentration (mg/L): -0.02

Absorbance: -0.002 Time: 22:47
 Concentration (mg/L): -0.02

Mean Conc (mg/L): -0.02 SD: 0.003 RSD(%): 15.68

 Ca ID: Blank Seq. No.: 00151 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.002 Time: 22:48
 Concentration (mg/L): -0.02

Absorbance: -0.002 Time: 22:48
 Concentration (mg/L): -0.02

Absorbance: -0.002 Time: 22:48
 Concentration (mg/L): -0.02

Mean Conc (mg/L): -0.02 SD: 0.000 RSD(%): 1.15

Auto-zero performed.

 Ca ID: 0053 @ 1:100 Seq. No.: 00152 A/S Pos.: 82 Date: 08/30/93

Absorbance: 0.195 Time: 22:48
 Concentration (mg/L): 2.23

Absorbance: 0.199 Time: 22:48
 Concentration (mg/L): 2.27

Absorbance: 0.198 Time: 22:48
 Concentration (mg/L): 2.27

Mean Conc (mg/L): 2.26 SD: 0.024 RSD(%): 1.07

 Ca ID: Blank Seq. No.: 00153 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.001 Time: 22:49
 Concentration (mg/L): 0.02

Absorbance: 0.000 Time: 22:49
 Concentration (mg/L): 0.00

Absorbance: 0.000 Time: 22:49
 Concentration (mg/L): 0.00

Mean Conc (mg/L): 0.01 SD: 0.008 RSD(%): 93.23

Auto-zero performed.

 Ca ID: 0054 @ 1:100 Seq. No.: 00154 A/S Pos.: 83 Date: 08/30/93

Absorbance: 0.125 Time: 22:49
 Concentration (mg/L): 1.43

Absorbance: 0.127 Time: 22:49
 Concentration (mg/L): 1.45

Absorbance: 0.127 Time: 22:49
 Concentration (mg/L): 1.45

Mean Conc (mg/L): 1.44 SD: 0.009 RSD(%): 0.65

 Ca ID: Blank Seq. No.: 00155 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.000 Time: 22:50
 Concentration (mg/L): 0.00

Absorbance: -0.001 Time: 22:50
 Concentration (mg/L): -0.01

Absorbance: -0.001 Time: 22:50
 Concentration (mg/L): -0.01

Mean Conc (mg/L): -0.00 SD: 0.006 RSD(%): 145.50

Auto-zero performed.

Ca ID: 0055 @ 1:100 Seq. No.: 00156 A/S Pos.: 84 Date: 08/30/93

Absorbance: 0.078 Time: 22:50
Concentration (mg/L): 0.89

Absorbance: 0.079 Time: 22:50
Concentration (mg/L): 0.91

Absorbance: 0.081 Time: 22:51
Concentration (mg/L): 0.93

Mean Conc (mg/L): 0.91 SD: 0.017 RSD(%): 1.87

Ca ID: Blank Seq. No.: 00157 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.000 Time: 22:51
Concentration (mg/L): 0.00

Absorbance: -0.000 Time: 22:51
Concentration (mg/L): -0.00

Absorbance: -0.000 Time: 22:51
Concentration (mg/L): -0.00

Mean Conc (mg/L): 0.00 SD: 0.004 RSD(%): 806.97

Auto-zero performed.

Ca ID: +2.0 Seq. No.: 00158 A/S Pos.: 85 Date: 08/30/93

Absorbance: 0.232 Time: 22:51
Concentration (mg/L): 2.65

Absorbance: 0.238 Time: 22:51
Concentration (mg/L): 2.72

Absorbance: 0.234 Time: 22:52
Concentration (mg/L): 2.68

Mean Conc (mg/L): 2.68 SD: 0.037 RSD(%): 1.37

Ca ID: Blank Seq. No.: 00159 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.002 Time: 22:52
Concentration (mg/L): 0.02

Absorbance: -0.000 Time: 22:52
Concentration (mg/L): -0.00

Absorbance: -0.000 Time: 22:52
Concentration (mg/L): -0.00

Mean Conc (mg/L): 0.00 SD: 0.011 RSD(%): 240.41

Auto-zero performed.

Ca ID: 0057 @ 1:100 Seq. No.: 00160 A/S Pos.: 86 Date: 08/30/93

Absorbance: 0.109 Time: 22:52
Concentration (mg/L): 1.25

Absorbance: 0.111 Time: 22:52
Concentration (mg/L): 1.27

Absorbance: 0.112 Time: 22:53
Concentration (mg/L): 1.28

Mean Conc (mg/L): 1.27 SD: 0.016 RSD(%): 1.29

Ca ID: Blank Seq. No.: 00161 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.001 Time: 22:53
Concentration (mg/L): -0.02

Absorbance: -0.001 Time: 22:53
Concentration (mg/L): -0.01

Absorbance: -0.001 Time: 22:54
Concentration (mg/L): -0.01

Mean Conc (mg/L): -0.01 SD: 0.003 RSD(%): 20.85

Auto-zero performed.

Ca ID: 9939 @ 1:100 Seq. No.: 00162 A/S Pos.: 87 Date: 08/30/93

Absorbance: 0.123 Time: 22:54
Concentration (mg/L): 1.40

Absorbance: 0.128 Time: 22:54
Concentration (mg/L): 1.47

Absorbance: 0.127 Time: 22:54
Concentration (mg/L): 1.46

Mean Conc (mg/L): 1.44 SD: 0.035 RSD(%): 2.45

Ca ID: Blank Seq. No.: 00163 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.001 Time: 22:54
Concentration (mg/L): 0.01

Absorbance: 0.000 Time: 22:55
Concentration (mg/L): 0.00

Absorbance: 0.001 Time: 22:55
Concentration (mg/L): 0.01

Mean Conc (mg/L): 0.01 SD: 0.003 RSD(%): 42.25

Auto-zero performed.

Ca ID: 9940 @ 1:100 Seq. No.: 00164 A/S Pos.: 88 Date: 08/30/93

Absorbance: 0.106 Time: 22:55
Concentration (mg/L): 1.22

Absorbance: 0.107 Time: 22:55
Concentration (mg/L): 1.22

Absorbance: 0.108 Time: 22:55
Concentration (mg/L): 1.24

Mean Conc (mg/L): 1.23 SD: 0.012 RSD(%): 0.98

Ca ID: Blank Seq. No.: 00165 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.000 Time: 22:55
Concentration (mg/L): 0.00

Absorbance: -0.000 Time: 22:56
Concentration (mg/L): -0.00

Absorbance: -0.000 Time: 22:56
Concentration (mg/L): -0.01

Mean Conc (mg/L): -0.00 SD: 0.004 RSD(%): 167.69

Auto-zero performed.

Ca ID: CCVA7 Seq. No.: 00166 A/S Pos.: 89 Date: 08/30/93

Absorbance: 0.448 Time: 22:56
Concentration (mg/L): 5.13

Absorbance: 0.450 Time: 22:56
Concentration (mg/L): 5.15

Absorbance: 0.450 Time: 22:56
Concentration (mg/L): 5.15

Mean Conc (mg/L): 5.14 SD: 0.015 RSD(%): 0.29

Ca ID: Blank Seq. No.: 00167 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.002 Time: 22:57
Concentration (mg/L): 0.03

Absorbance: 0.001 Time: 22:57
Concentration (mg/L): 0.01

Absorbance: 0.001 Time: 22:57
Concentration (mg/L): 0.01

Mean Conc (mg/L): 0.01 SD: 0.012 RSD(%): 78.45

Auto-zero performed.

 Ca ID: CCB7 Seq. No.: 00168 A/S Pos.: 90 Date: 08/30/93
 Absorbance: -0.002 Time: 22:57
 Concentration (mg/L): -0.02
 Absorbance: -0.002 Time: 22:57
 Concentration (mg/L): -0.02
 Absorbance: -0.001 Time: 22:57
 Concentration (mg/L): -0.02
 Mean Conc (mg/L): -0.02 SD: 0.002 RSD(%): 10.44

Ca ID: Blank Seq. No.: 00169 A/S Pos.: 0 Date: 08/30/93
 Absorbance: -0.002 Time: 22:58
 Concentration (mg/L): -0.02
 Absorbance: -0.002 Time: 22:58
 Concentration (mg/L): -0.02
 Absorbance: -0.002 Time: 22:58
 Concentration (mg/L): -0.02
 Mean Conc (mg/L): -0.02 SD: 0.002 RSD(%): 11.76
 Auto-zero performed.

 Ca ID: ~~AS Position 91~~ Seq. No.: 00170 A/S Pos.: 91 Date: 08/30/93
0114 @ 1:10 Km 9/24/93
 Absorbance: 0.129 Time: 22:58
 Concentration (mg/L): 1.47
 Absorbance: 0.131 Time: 22:58
 Concentration (mg/L): 1.50
 Absorbance: 0.131 Time: 22:58
 Concentration (mg/L): 1.50
 Mean Conc (mg/L): 1.49 SD: 0.015 RSD(%): 0.99

Ca ID: Blank Seq. No.: 00171 A/S Pos.: 0 Date: 08/30/93
 Absorbance: 0.001 Time: 22:59
 Concentration (mg/L): 0.02
 Absorbance: 0.001 Time: 22:59
 Concentration (mg/L): 0.01
 Absorbance: 0.001 Time: 22:59
 Concentration (mg/L): 0.01

Mean Conc (mg/L): 0.01 SD: 0.004 RSD(%): 32.86

Auto-zero performed.

Ca ID: 0113 Seq. No.: 00172 A/S Pos.: 92 Date: 08/30/93

Absorbance: 0.062 Time: 22:59
Concentration (mg/L): 0.71

Absorbance: 0.064 Time: 22:59
Concentration (mg/L): 0.74

Absorbance: 0.065 Time: 22:59
Concentration (mg/L): 0.74

Mean Conc (mg/L): 0.73 SD: 0.016 RSD(%): 2.16

Ca ID: Blank Seq. No.: 00173 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.001 Time: 23:00
Concentration (mg/L): 0.01

Absorbance: 0.000 Time: 23:00
Concentration (mg/L): 0.00

Absorbance: -0.001 Time: 23:00
Concentration (mg/L): -0.01

Mean Conc (mg/L): 0.00 SD: 0.007 RSD(%): 716.06

Auto-zero performed.

Ca ID: 0107 Seq. No.: 00174 A/S Pos.: 93 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
Absorbance: 1.706 Time: 23:00
Concentration (mg/L): 19.52

Sample abs. is greater than that of the largest standard.
Absorbance: 1.742 Time: 23:00
Concentration (mg/L): 19.92

Sample abs. is greater than that of the largest standard.
Absorbance: 1.721 Time: 23:00
Concentration (mg/L): 19.68

Sample abs. is greater than that of the largest standard.
Mean Conc (mg/L): 19.71 SD: 0.203 RSD(%): 1.03

Ca ID: Blank Seq. No.: 00175 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.038 Time: 23:01
Concentration (mg/L): 0.43

Absorbance: 0.016 Time: 23:01

Concentration (mg/L): 0.18

Absorbance: 0.010

Time: 23:01

Concentration (mg/L): 0.12

Mean Conc (mg/L): 0.24

SD: 0.167

RSD(%): 68.49

Auto-zero performed.

Ca ID: 0108

Seq. No.: 00176

A/S Pos.: 94

Date: 08/30/93

Sample abs. is greater than that of the largest standard.

Absorbance: 2.285

Time: 23:01

Concentration (mg/L): 26.13

Sample abs. is greater than that of the largest standard.

Absorbance: 2.308

Time: 23:01

Concentration (mg/L): 26.40

Sample abs. is greater than that of the largest standard.

Absorbance: 2.315

Time: 23:01

Concentration (mg/L): 26.48

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 26.34

SD: 0.182

RSD(%): 0.69

Ca ID: Blank

Seq. No.: 00177

A/S Pos.: 0

Date: 08/30/93

Absorbance: 0.070

Time: 23:02

Concentration (mg/L): 0.80

Absorbance: 0.030

Time: 23:02

Concentration (mg/L): 0.34

Absorbance: 0.020

Time: 23:02

Concentration (mg/L): 0.23

Mean Conc (mg/L): 0.45

SD: 0.301

RSD(%): 66.26

Auto-zero performed.

Ca ID: 0109

Seq. No.: 00178

A/S Pos.: 95

Date: 08/30/93

Sample abs. is greater than that of the largest standard.

Absorbance: 1.249

Time: 23:02

Concentration (mg/L): 14.28

Sample abs. is greater than that of the largest standard.

Absorbance: 1.256

Time: 23:02

Concentration (mg/L): 14.37

Sample abs. is greater than that of the largest standard.

Absorbance: 1.257

Time: 23:03

Concentration (mg/L): 14.38

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 14.34 SD: 0.053 RSD(%): 0.37

Sample ID: Blank Seq. No.: 00179 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.041 Time: 23:03
Concentration (mg/L): -0.47

Absorbance: -0.049 Time: 23:03
Concentration (mg/L): -0.56

Absorbance: -0.051 Time: 23:03
Concentration (mg/L): -0.58

Mean Conc (mg/L): -0.54 SD: 0.061 RSD(%): 11.23

Auto-zero performed.

Sample ID: 0110 Seq. No.: 00180 A/S Pos.: 96 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
Absorbance: 1.063 Time: 23:03
Concentration (mg/L): 12.16

Sample abs. is greater than that of the largest standard.
Absorbance: 1.064 Time: 23:03
Concentration (mg/L): 12.18

Sample abs. is greater than that of the largest standard.
Absorbance: 1.077 Time: 23:04
Concentration (mg/L): 12.32

Sample abs. is greater than that of the largest standard.
Mean Conc (mg/L): 12.22 SD: 0.089 RSD(%): 0.73

Sample ID: Blank Seq. No.: 00181 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.000 Time: 23:04
Concentration (mg/L): -0.01

Absorbance: -0.007 Time: 23:04
Concentration (mg/L): -0.08

Absorbance: -0.010 Time: 23:04
Concentration (mg/L): -0.11

Mean Conc (mg/L): -0.07 SD: 0.054 RSD(%): 81.99

Auto-zero performed.

Sample ID: +2.0 Seq. No.: 00182 A/S Pos.: 97 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
Absorbance: 1.157 Time: 23:04
Concentration (mg/L): 13.24

Sample abs. is greater than that of the largest standard.
 Absorbance: 1.162 Time: 23:04
 Concentration (mg/L): 13.29

Sample abs. is greater than that of the largest standard.
 Absorbance: 1.177 Time: 23:05
 Concentration (mg/L): 13.47

Sample abs. is greater than that of the largest standard.
 Mean Conc (mg/L): 13.33 SD: 0.119 RSD(%): 0.89

 Ca ID: Blank Seq. No.: 00183 A/S Pos.: 0 Date: 08/30/93

Absorbance: 0.004 Time: 23:05
 Concentration (mg/L): 0.05

Absorbance: -0.003 Time: 23:05
 Concentration (mg/L): -0.03

Absorbance: -0.005 Time: 23:05
 Concentration (mg/L): -0.06

Mean Conc (mg/L): -0.01 SD: 0.056 RSD(%): 443.68

Auto-zero performed.

 Ca ID: 0111 Seq. No.: 00184 A/S Pos.: 98 Date: 08/30/93

Sample abs. is greater than that of the largest standard.
 Absorbance: 1.798 Time: 23:05
 Concentration (mg/L): 20.56

Sample abs. is greater than that of the largest standard.
 Absorbance: 1.837 Time: 23:05
 Concentration (mg/L): 21.01

Sample abs. is greater than that of the largest standard.
 Absorbance: 1.792 Time: 23:06
 Concentration (mg/L): 20.50

Sample abs. is greater than that of the largest standard.
 Mean Conc (mg/L): 20.69 SD: 0.279 RSD(%): 1.35

 Ca ID: Blank Seq. No.: 00185 A/S Pos.: 0 Date: 08/30/93

Absorbance: -0.006 Time: 23:06
 Concentration (mg/L): -0.06

Absorbance: -0.006 Time: 23:07
 Concentration (mg/L): -0.06

Absorbance: -0.006 Time: 23:07
 Concentration (mg/L): -0.06

Mean Conc (mg/L): -0.06 SD: 0.001 RSD(%): 0.91

Auto-zero performed.

 Ca ID: 0055 @ 1:10 Seq. No.: 00186 A/S Pos.: 99 Date: 08/30/93
 Absorbance: 0.765 Time: 23:07
 Concentration (mg/L): 8.75
 Absorbance: 0.781 Time: 23:07
 Concentration (mg/L): 8.93
 Absorbance: 0.780 Time: 23:07
 Concentration (mg/L): 8.92
 Mean Conc (mg/L): 8.86 SD: 0.103 RSD(%): 1.17

Ca ID: Blank Seq. No.: 00187 A/S Pos.: 0 Date: 08/30/93
 Absorbance: 0.006 Time: 23:07
 Concentration (mg/L): 0.06
 Absorbance: 0.001 Time: 23:08
 Concentration (mg/L): 0.01
 Absorbance: 0.002 Time: 23:08
 Concentration (mg/L): 0.02
 Mean Conc (mg/L): 0.03 SD: 0.028 RSD(%): 89.84

Auto-zero performed.

 Ca ID: 0107 @ 1:10 Seq. No.: 00188 A/S Pos.: 100 Date: 08/30/93
 Absorbance: 0.350 Time: 23:08
 Concentration (mg/L): 4.00
 Absorbance: 0.360 Time: 23:08
 Concentration (mg/L): 4.12
 Absorbance: 0.354 Time: 23:08
 Concentration (mg/L): 4.05
 Mean Conc (mg/L): 4.06 SD: 0.059 RSD(%): 1.46

Ca ID: Blank Seq. No.: 00189 A/S Pos.: 0 Date: 08/30/93
 Absorbance: -0.002 Time: 23:09
 Concentration (mg/L): -0.03
 Absorbance: -0.004 Time: 23:09
 Concentration (mg/L): -0.04
 Absorbance: -0.004 Time: 23:09
 Concentration (mg/L): -0.04
 Mean Conc (mg/L): -0.04 SD: 0.009 RSD(%): 23.39

Auto-zero performed.

 1a ID: CCVA8 Seq. No.: 00190 A/S Pos.: 101 Date: 08/30/93
 Absorbance: 0.416 Time: 23:09
 Concentration (mg/L): 4.76
 Absorbance: 0.422 Time: 23:09
 Concentration (mg/L): 4.83
 Absorbance: 0.423 Time: 23:09
 Concentration (mg/L): 4.83
 Mean Conc (mg/L): 4.81 SD: 0.042 RSD(%): 0.87

1a ID: Blank Seq. No.: 00191 A/S Pos.: 0 Date: 08/30/93
 Absorbance: 0.001 Time: 23:10
 Concentration (mg/L): 0.01
 Absorbance: -0.002 Time: 23:10
 Concentration (mg/L): -0.02
 Absorbance: -0.001 Time: 23:10
 Concentration (mg/L): -0.01
 Mean Conc (mg/L): -0.01 SD: 0.017 RSD(%): 248.93

Auto-zero performed.

 1a ID: CCB8 Seq. No.: 00192 A/S Pos.: 102 Date: 08/30/93
 Absorbance: -0.001 Time: 23:10
 Concentration (mg/L): -0.01
 Absorbance: -0.001 Time: 23:10
 Concentration (mg/L): -0.01
 Absorbance: 0.000 Time: 23:10
 Concentration (mg/L): 0.00
 Mean Conc (mg/L): -0.00 SD: 0.005 RSD(%): 103.69

1a ID: Blank Seq. No.: 00193 A/S Pos.: 0 Date: 08/30/93
 Absorbance: -0.001 Time: 23:11
 Concentration (mg/L): -0.02
 Absorbance: -0.002 Time: 23:11
 Concentration (mg/L): -0.02
 Absorbance: -0.001 Time: 23:11
 Concentration (mg/L): -0.02
 Mean Conc (mg/L): -0.02 SD: 0.001 RSD(%): 8.06

Auto-zero performed.

 1a ID: 0108 @ 1:100 Seq. No.: 00194 A/S Pos.: 103 Date: 08/30/93
 Absorbance: 0.099 Time: 23:11
 Concentration (mg/L): 1.13
 Absorbance: 0.099 Time: 23:11
 Concentration (mg/L): 1.13
 Absorbance: 0.102 Time: 23:11
 Concentration (mg/L): 1.17
 Mean Conc (mg/L): 1.14 SD: 0.019 RSD(%): 1.63

1a ID: Blank Seq. No.: 00195 A/S Pos.: 0 Date: 08/30/93
 Absorbance: 0.001 Time: 23:12
 Concentration (mg/L): 0.01
 Absorbance: -0.000 Time: 23:12
 Concentration (mg/L): -0.00
 Absorbance: -0.000 Time: 23:12
 Concentration (mg/L): -0.00
 Mean Conc (mg/L): 0.00 SD: 0.006 RSD(%): 418.74

Auto-zero performed.

 1a ID: 0109 @ 1:10 Seq. No.: 00196 A/S Pos.: 104 Date: 08/30/93
 Absorbance: 0.182 Time: 23:12
 Concentration (mg/L): 2.08
 Absorbance: 0.187 Time: 23:12
 Concentration (mg/L): 2.14
 Absorbance: 0.186 Time: 23:12
 Concentration (mg/L): 2.12
 Mean Conc (mg/L): 2.11 SD: 0.031 RSD(%): 1.47

1a ID: Blank Seq. No.: 00197 A/S Pos.: 0 Date: 08/30/93
 Absorbance: 0.001 Time: 23:13
 Concentration (mg/L): 0.01
 Absorbance: 0.001 Time: 23:13
 Concentration (mg/L): 0.01
 Absorbance: 0.001 Time: 23:13
 Concentration (mg/L): 0.01
 Mean Conc (mg/L): 0.01 SD: 0.002 RSD(%): 19.19

Auto-zero performed.

 Ca ID: 0110 @ 1:10 Seq. No.: 00198 A/S Pos.: 105 Date: 08/30/93.
 Absorbance: 0.149 Time: 23:13
 Concentration (mg/L): 1.70
 Absorbance: 0.146 Time: 23:13
 Concentration (mg/L): 1.67
 Absorbance: 0.148 Time: 23:14
 Concentration (mg/L): 1.69
 Mean Conc (mg/L): 1.69 SD: 0.017 RSD(%): 0.98

Ca ID: Blank Seq. No.: 00199 A/S Pos.: 0 Date: 08/30/93
 Absorbance: 0.000 Time: 23:14
 Concentration (mg/L): 0.00
 Absorbance: -0.001 Time: 23:14
 Concentration (mg/L): -0.02
 Absorbance: -0.001 Time: 23:14
 Concentration (mg/L): -0.01
 Mean Conc (mg/L): -0.01 SD: 0.010 RSD(%): 142.30

Auto-zero performed.

 Ca ID: +2.0 Seq. No.: 00200 A/S Pos.: 106 Date: 08/30/93
 Absorbance: 0.319 Time: 23:14
 Concentration (mg/L): 3.65
 Absorbance: 0.319 Time: 23:15
 Concentration (mg/L): 3.65
 Absorbance: 0.321 Time: 23:15
 Concentration (mg/L): 3.67
 Mean Conc (mg/L): 3.65 SD: 0.013 RSD(%): 0.34

Ca ID: Blank Seq. No.: 00201 A/S Pos.: 0 Date: 08/30/93
 Absorbance: -0.001 Time: 23:15
 Concentration (mg/L): -0.01
 Absorbance: -0.000 Time: 23:15
 Concentration (mg/L): -0.00
 Absorbance: -0.001 Time: 23:16
 Concentration (mg/L): -0.01
 Mean Conc (mg/L): -0.01 SD: 0.002 RSD(%): 33.30

Auto-zero performed.

 a ID: 0111 @ 1:10. Seq. No.: 00202 A/S Pos.: 9 Date: 08/30/93
 Absorbance: 0.330 Time: 23:16
 Concentration (mg/L): 3.78
 Absorbance: 0.334 Time: 23:16
 Concentration (mg/L): 3.82
 Absorbance: 0.333 Time: 23:16
 Concentration (mg/L): 3.81
 Mean Conc (mg/L): 3.80 SD: 0.024 RSD(%): 0.64

 a ID: Blank Seq. No.: 00203 A/S Pos.: 0 Date: 08/30/93
 Absorbance: 0.002 Time: 23:16
 Concentration (mg/L): 0.03
 Absorbance: 0.000 Time: 23:16
 Concentration (mg/L): 0.01
 Absorbance: 0.001 Time: 23:17
 Concentration (mg/L): 0.01
 Mean Conc (mg/L): 0.01 SD: 0.011 RSD(%): 79.77

Auto-zero performed.

 a ID: CCVA9 Seq. No.: 00204 A/S Pos.: 10 Date: 08/30/93
 Absorbance: 0.444 Time: 23:17
 Concentration (mg/L): 5.08
 Absorbance: 0.445 Time: 23:17
 Concentration (mg/L): 5.09
 Absorbance: 0.448 Time: 23:17
 Concentration (mg/L): 5.12
 Mean Conc (mg/L): 5.10 SD: 0.024 RSD(%): 0.47

 a ID: Blank Seq. No.: 00205 A/S Pos.: 0 Date: 08/30/93
 Absorbance: 0.001 Time: 23:17
 Concentration (mg/L): 0.02
 Absorbance: -0.001 Time: 23:17
 Concentration (mg/L): -0.01
 Absorbance: -0.001 Time: 23:18
 Concentration (mg/L): -0.01
 Mean Conc (mg/L): 0.00 SD: 0.014 RSD(%): 3400.21

Auto-zero performed.

 Sa ID: CCB9 Seq. No.: 00206 A/S Pos.: 11 Date: 08/30/93
 Absorbance: -0.002 Time: 23:18
 Concentration (mg/L): -0.02
 Absorbance: -0.002 Time: 23:18
 Concentration (mg/L): -0.02
 Absorbance: -0.002 Time: 23:18
 Concentration (mg/L): -0.02
 Mean Conc (mg/L): -0.02 SD: 0.002 RSD(%): 10.52

 Sa ID: Blank Seq. No.: 00207 A/S Pos.: -- Date: 08/30/93
 Absorbance: -0.001 Time: 23:19
 Concentration (mg/L): -0.02
 Absorbance: -0.001 Time: 23:19
 Concentration (mg/L): -0.01
 Absorbance: -0.002 Time: 23:19
 Concentration (mg/L): -0.02
 Mean Conc (mg/L): -0.02 SD: 0.003 RSD(%): 19.88

Auto-zero performed.

K m 8/30/93

| TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS | TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS |
|--------|---------|-------------|----------|--------------------|------------|--------|--------|-------------|----------|--------------------|------------|
| - | - | BLANK | | | CALIBRATE | 25 | | 9942 | | < | |
| - | - | STD 1 | | | CALIBRATE | 26 | | +0.080 | | 0.056 | 70% |
| - | - | STD 2 | | | CALIBRATE | 27 | CCVF3 | R-1C | 1:10 | 0.061 | 0.610 102% |
| - | - | STD 3 | | | CALIBRATE | 28 | CCB3 | Blk | | < | |
| 1 | ICVF | R-1C | 1:10 | 0.058 | 0.580 97% | 29 | 93-248 | 9936 | | < | |
| 2 | ICB | Blk | | < | | 30 | | +0.080 | | 0.070 | 88% |
| 3 | CAIT | 0.060 | | 0.056 | | 31 | | 9937 | | < | |
| 4 | CCVF1 | R-1C | 1:10 | 0.057 | 0.570 95% | 32 | | +0.080 | | 0.059 | 74% |
| 5 | CCB1 | Blk | | < | | 33 | | 9938 | | < | |
| 6 | 93-2549 | 9935 | 1:10 | 0.015 | 0.150 | 34 | | +0.080 | | 0.054 | 68% |
| 7 | | +0.080 | ↓ | 0.092 | 96% | 35 | | 9939 | | < | |
| 8 | PBS | 9934 | | < | | 1 | | +0.080 | | 0.065 | 81% |
| 9 | | +0.080 | | 0.084 | 105% | 2 | | 9940 | | < | |
| 10 | | 9928 | | < | | 3 | | +0.080 | | 0.070 | 85% |
| 11 | | +0.080 | | 0.073 | 91% | 4 | CCVF4 | R-1C | 1:10 | 0.060 | 0.600 100% |
| 12 | | 9929 | | < | | 5 | CCB4 | Blk | | < | |
| 13 | | +0.080 | | 0.066 | 83% | | | | | | |
| 14 | | 9930 | | < | | | | | | | |
| 15 | | +0.080 | | 0.074 | 93% | | | | | | |
| 16 | CCVF2 | R-1C | 1:10 | 0.061 | 0.610 102% | | | | | | |
| 17 | CCB2 | Blk | | < | | | | | | | |
| 18 | 3 | 9931 | | < | | | | | | | |
| 19 | | +0.080 | | 0.073 | 91% | | | | | | |
| 20 | 5 | 9932 | 1:2 | 0.033 | 0.066 | | | | | | |
| 21 | | 9933 | | < | | | | | | | |
| 22 | | +0.080 | | 0.067 | 84% | | | | | | |
| 23 | 93-2646 | 9941 | | < | | | | | | | |
| 24 | | +0.080 | | 0.065 | 81% | | | | | | |

9/7/93

 Element File: SB.GEL Element: Sb Wavelength: 217.6
 Date: 09/07/93 Time: 06:49 Slit: 0.7
 Data File: 30907SBL.DAT ID/Wt File: SB_CLP.IDW Lamp Current: 0
 Technique: HGA Calib. Type: Linear Energy: 49
 Remark 1: Analyst: JAC
 Remark 2: Furnace #3
 Remark 3: Detection limit: 0.005 mg/l

~~~~~  
 Sb    ID: Blank                        Seq. No.: 00001    A/S Pos.: 37    Date: 09/07/93

Replicate 1                            Time: 06:49  
 Peak Area (A-s): -0.001               Peak Height (A): 0.031  
 Background Pk Area (A-s): 0.004       Background Pk Height (A): 0.021  
 Blank Corrected Pk Area (A-s): -0.001

Replicate 2                            Time: 06:51  
 Peak Area (A-s): 0.006                Peak Height (A): 0.028  
 Background Pk Area (A-s): -0.006      Background Pk Height (A): 0.020  
 Blank Corrected Pk Area (A-s): 0.006

Mean Pk Area (A-s):           0.003                SD: 0.0055                RSD(%): 213.60

Auto-zero performed.

~~~~~  
 Sb ID: Standard 1 Seq. No.: 00002 A/S Pos.: 38 Date: 09/07/93

Replicate 1 Time: 06:53
 Peak Area (A-s): 0.083 Peak Height (A): 0.136
 Background Pk Area (A-s): 0.009 Background Pk Height (A): 0.039
 Blank Corrected Pk Area (A-s): 0.080

Replicate 2 Time: 06:54
 Peak Area (A-s): 0.094 Peak Height (A): 0.133
 Background Pk Area (A-s): 0.006 Background Pk Height (A): 0.023
 Blank Corrected Pk Area (A-s): 0.092

Mean Pk Area (A-s): 0.086 SD: 0.0080 RSD(%): 9.34

Standard number 1 applied. [0.025]
 Correlation coefficient: 1.00000 Slope: 3.4403 Int: 0.000

~~~~~  
 Sb    ID: Standard 2                   Seq. No.: 00003    A/S Pos.: 39    Date: 09/07/93

Replicate 1                            Time: 06:56  
 Peak Area (A-s): 0.157                Peak Height (A): 0.214  
 Background Pk Area (A-s): 0.027      Background Pk Height (A): 0.044

Blank Corrected Pk Area (A-s): 0.155  
Concentration (mg/L ): 0.045

1233

Replicate 2  
Peak Area (A-s): 0.161  
Background Pk Area (A-s): 0.022  
Blank Corrected Pk Area (A-s): 0.158  
Concentration (mg/L ): 0.046

Time: 06:58  
Peak Height (A): 0.222  
Background Pk Height (A): 0.046

Mean Conc (mg/L ): 0.045 SD: 0.0008 RSD(%): 1.69

Standard number 2 applied. [0.050]  
Correlation coefficient: 0.99835 Slope: 3.1284 Int: 0.003

~~~~~  
Sb ID: Standard 3 Seq. No.: 00004 A/S Pos.: 40 Date: 09/07/93

Replicate 1 Time: 07:00
Peak Area (A-s): 0.325 Peak Height (A): 0.352
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.086
Blank Corrected Pk Area (A-s): 0.322
Concentration (mg/L): 0.102

Replicate 2 Time: 07:01
Peak Area (A-s): 0.331 Peak Height (A): 0.366
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.081
Blank Corrected Pk Area (A-s): 0.329
Concentration (mg/L): 0.104

Mean Conc (mg/L): 0.103 SD: 0.0014 RSD(%): 1.36

Standard number 3 applied. [0.100]
Correlation coefficient: 0.99949 Slope: 3.2327 Int: 0.001

~~~~~  
Sb ID: ICFV Seq. No.: 00005 A/S Pos.: 1 Date: 09/07/93

Replicate 1 Time: 07:03  
Peak Area (A-s): 0.192 Peak Height (A): 0.254  
Background Pk Area (A-s): 0.026 Background Pk Height (A): 0.047  
Blank Corrected Pk Area (A-s): 0.190  
Concentration (mg/L ): 0.059

Replicate 2 Time: 07:04  
Peak Area (A-s): 0.188 Peak Height (A): 0.264  
Background Pk Area (A-s): 0.026 Background Pk Height (A): 0.046  
Blank Corrected Pk Area (A-s): 0.185  
Concentration (mg/L ): 0.057

Mean Conc (mg/L ): 0.058 SD: 0.0010 RSD(%): 1.73

~~~~~  
Sb ID: ICB Seq. No.: 00006 A/S Pos.: 2 Date: 09/07/93

Replicate 1 Time: 07:06
Peak Area (A-s): -0.004 Peak Height (A): 0.026
Background Pk Area (A-s): -0.004 Background Pk Height (A): 0.018
Blank Corrected Pk Area (A-s): -0.007
Concentration (mg/L): -0.002

Replicate 2 Time: 07:08
Peak Area (A-s): 0.004 Peak Height (A): 0.023
Background Pk Area (A-s): -0.005 Background Pk Height (A): 0.016
Blank Corrected Pk Area (A-s): 0.001
Concentration (mg/L): 0.000

Mean Conc (mg/L): -0.001 SD: 0.0017 RSD(%): 166.48

~~~~~  
 Sb ID: CRA Seq. No.: 00007 A/S Pos.: 3 Date: 09/07/93

Replicate 1 Time: 07:09  
 Peak Area (A-s): 0.181 Peak Height (A): 0.257  
 Background Pk Area (A-s): 0.029 Background Pk Height (A): 0.044  
 Blank Corrected Pk Area (A-s): 0.178  
 Concentration (mg/L ): 0.055

Replicate 2 Time: 07:11  
 Peak Area (A-s): 0.186 Peak Height (A): 0.249  
 Background Pk Area (A-s): 0.023 Background Pk Height (A): 0.052  
 Blank Corrected Pk Area (A-s): 0.183  
 Concentration (mg/L ): 0.056

Mean Conc (mg/L ): 0.056 SD: 0.0010 RSD(%): 1.83

~~~~~  
 Sb ID: CCVF1 Seq. No.: 00008 A/S Pos.: 4 Date: 09/07/93

Replicate 1 Time: 07:12
 Peak Area (A-s): 0.187 Peak Height (A): 0.270
 Background Pk Area (A-s): 0.026 Background Pk Height (A): 0.046
 Blank Corrected Pk Area (A-s): 0.185
 Concentration (mg/L): 0.057

Replicate 2 Time: 07:14
 Peak Area (A-s): 0.186 Peak Height (A): 0.255
 Background Pk Area (A-s): 0.024 Background Pk Height (A): 0.049
 Blank Corrected Pk Area (A-s): 0.184
 Concentration (mg/L): 0.057

Mean Conc (mg/L): 0.057 SD: 0.0002 RSD(%): 0.40

~~~~~  
 Sb ID: CCR1 Seq. No.: 00009 A/S Pos.: 5 Date: 09/07/93

Replicate 1 Time: 07:16  
 Peak Area (A-s): 0.000 Peak Height (A): 0.026  
 Background Pk Area (A-s): -0.003 Background Pk Height (A): 0.022  
 Blank Corrected Pk Area (A-s): -0.002  
 Concentration (mg/L ): -0.001

Replicate 2 Time: 07:17  
 Peak Area (A-s): -0.006 Peak Height (A): 0.026  
 Background Pk Area (A-s): 0.003 Background Pk Height (A): 0.020  
 Blank Corrected Pk Area (A-s): -0.008  
 Concentration (mg/L ): -0.003

Mean Conc (mg/L ): -0.002 SD: 0.0013 RSD(%): 72.96

~~~~~  
 Sb ID: 9935(1:10) Seq. No.: 00010 A/S Pos.: 6 Date: 09/07/93

Replicate 1 Time: 07:35
 Peak Area (A-s): 0.053 Peak Height (A): 0.078
 Background Pk Area (A-s): 0.006 Background Pk Height (A): 0.020
 Blank Corrected Pk Area (A-s): 0.051
 Concentration (mg/L): 0.016

Replicate 2
 Peak Area (A-s): 0.051
 Background Pk Area (A-s): 0.002
 Blank Corrected Pk Area (A-s): 0.048
 Concentration (mg/L): 0.015

Time: 07:37
 Peak Height (A): 0.091
 Background Pk Height (A): 0.020

Mean Conc (mg/L): 0.015 SD: 0.0006 RSD(%): 3.65

~~~~~  
 Sb ID: +.080 Seq. No.: 00011 A/S Pos.: 7 Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.305  
 Background Pk Area (A-s): 0.042  
 Blank Corrected Pk Area (A-s): 0.302  
 Concentration (mg/L ): 0.093

Time: 07:39  
 Peak Height (A): 0.337  
 Background Pk Height (A): 0.072

Replicate 2  
 Peak Area (A-s): 0.299  
 Background Pk Area (A-s): 0.039  
 Blank Corrected Pk Area (A-s): 0.296  
 Concentration (mg/L ): 0.092

Time: 07:40  
 Peak Height (A): 0.337  
 Background Pk Height (A): 0.073

Mean Conc (mg/L ): 0.092 SD: 0.0013 RSD(%): 1.38

~~~~~  
 Sb ID: 9934 Seq. No.: 00012 A/S Pos.: 8 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.009
 Background Pk Area (A-s): -0.009
 Blank Corrected Pk Area (A-s): 0.006
 Concentration (mg/L): 0.002

Time: 07:42
 Peak Height (A): 0.032
 Background Pk Height (A): 0.018

Replicate 2
 Peak Area (A-s): 0.005
 Background Pk Area (A-s): -0.006
 Blank Corrected Pk Area (A-s): 0.002
 Concentration (mg/L): 0.001

Time: 07:44
 Peak Height (A): 0.025
 Background Pk Height (A): 0.017

Mean Conc (mg/L): 0.001 SD: 0.0008 RSD(%): 72.35

~~~~~  
 Sb ID: +.080 Seq. No.: 00013 A/S Pos.: 9 Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.278  
 Background Pk Area (A-s): 0.041  
 Blank Corrected Pk Area (A-s): 0.275  
 Concentration (mg/L ): 0.085

Time: 07:46  
 Peak Height (A): 0.345  
 Background Pk Height (A): 0.072

Replicate 2  
 Peak Area (A-s): 0.273  
 Background Pk Area (A-s): 0.046  
 Blank Corrected Pk Area (A-s): 0.270  
 Concentration (mg/L ): 0.083

Time: 07:48  
 Peak Height (A): 0.320  
 Background Pk Height (A): 0.077

Mean Conc (mg/L ): 0.084 SD: 0.0010 RSD(%): 1.21

~~~~~  
Sb ID: 9928 Seq. No.: 00014 A/S Pos.: 10 Date: 09/07/93

Replicate 1 Time: 07:51
Peak Area (A-s): -0.003 Peak Height (A): 0.023
Background Pk Area (A-s): 0.000 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): -0.006
Concentration (mg/L): -0.002

Replicate 2 Time: 07:53
Peak Area (A-s): -0.007 Peak Height (A): 0.020
Background Pk Area (A-s): -0.008 Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): -0.010
Concentration (mg/L): -0.003

Mean Conc (mg/L): -0.003 SD: 0.0008 RSD(%): 33.39

~~~~~  
Sb ID: +.080 Seq. No.: 00015 A/S Pos.: 11 Date: 09/07/93

Replicate 1 Time: 07:54  
Peak Area (A-s): 0.247 Peak Height (A): 0.273  
Background Pk Area (A-s): 0.019 Background Pk Height (A): 0.048  
Blank Corrected Pk Area (A-s): 0.244  
Concentration (mg/L ): 0.075

Replicate 2 Time: 07:56  
Peak Area (A-s): 0.229 Peak Height (A): 0.272  
Background Pk Area (A-s): 0.033 Background Pk Height (A): 0.050  
Blank Corrected Pk Area (A-s): 0.226  
Concentration (mg/L ): 0.070

Mean Conc (mg/L ): 0.073 SD: 0.0040 RSD(%): 5.49

~~~~~  
Sb ID: 9929 Seq. No.: 00016 A/S Pos.: 12 Date: 09/07/93

Replicate 1 Time: 07:58
Peak Area (A-s): -0.005 Peak Height (A): 0.024
Background Pk Area (A-s): 0.002 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): -0.008
Concentration (mg/L): -0.003

Replicate 2 Time: 08:00
Peak Area (A-s): -0.001 Peak Height (A): 0.025
Background Pk Area (A-s): 0.000 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): -0.004
Concentration (mg/L): -0.001

Mean Conc (mg/L): -0.002 SD: 0.0008 RSD(%): 41.02

~~~~~  
Sb ID: +.080 Seq. No.: 00017 A/S Pos.: 13 Date: 09/07/93

Replicate 1 Time: 08:01  
Peak Area (A-s): 0.217 Peak Height (A): 0.270  
Background Pk Area (A-s): 0.023 Background Pk Height (A): 0.043  
Blank Corrected Pk Area (A-s): 0.214  
Concentration (mg/L ): 0.066

Replicate 2  
Peak Area (A-s): 0.216  
Background Pk Area (A-s): 0.030  
Blank Corrected Pk Area (A-s): 0.213  
Concentration (mg/L ): 0.066

Time: 08:03  
Peak Height (A): 0.264  
Background Pk Height (A): 0.049

Mean Conc (mg/L ): 0.066 SD: 0.0002 RSD(%): 0.34

~~~~~  
Sb ID: 9930 Seq. No.: 00018 A/S Pos.: 14 Date: 09/07/93

Replicate 1
Peak Area (A-s): -0.000
Background Pk Area (A-s): -0.005
Blank Corrected Pk Area (A-s): -0.003
Concentration (mg/L): -0.001

Time: 08:05
Peak Height (A): 0.024
Background Pk Height (A): 0.017

Replicate 2
Peak Area (A-s): -0.004
Background Pk Area (A-s): 0.002
Blank Corrected Pk Area (A-s): -0.006
Concentration (mg/L): -0.002

Time: 08:07
Peak Height (A): 0.022
Background Pk Height (A): 0.022

Mean Conc (mg/L): -0.002 SD: 0.0008 RSD(%): 48.75

~~~~~  
Sb ID: +.080 Seq. No.: 00019 A/S Pos.: 15 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.245  
Background Pk Area (A-s): 0.027  
Blank Corrected Pk Area (A-s): 0.242  
Concentration (mg/L ): 0.075

Time: 08:08  
Peak Height (A): 0.277  
Background Pk Height (A): 0.054

Replicate 2  
Peak Area (A-s): 0.242  
Background Pk Area (A-s): 0.030  
Blank Corrected Pk Area (A-s): 0.239  
Concentration (mg/L ): 0.074

Time: 08:10  
Peak Height (A): 0.269  
Background Pk Height (A): 0.055

Mean Conc (mg/L ): 0.074 SD: 0.0006 RSD(%): 0.77

~~~~~  
Sb ID: CCVF2 Seq. No.: 00020 A/S Pos.: 16 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.180
Background Pk Area (A-s): 0.020
Blank Corrected Pk Area (A-s): 0.177
Concentration (mg/L): 0.055

Time: 08:15
Peak Height (A): 0.256
Background Pk Height (A): 0.046

Replicate 2
Peak Area (A-s): 0.219
Background Pk Area (A-s): 0.029
Blank Corrected Pk Area (A-s): 0.216
Concentration (mg/L): 0.067

Time: 08:17
Peak Height (A): 0.255
Background Pk Height (A): 0.051

Mean Conc (mg/L): 0.061 SD: 0.0085 RSD(%): 14.04

~~~~~  
Sb ID: CCB2 Seq. No.: 00021 A/S Pos.: 17 Date: 09/07/93

Replicate 1 Time: 08:18  
Peak Area (A-s): 0.004 Peak Height (A): 0.025  
Background Pk Area (A-s): -0.001 Background Pk Height (A): 0.018  
Blank Corrected Pk Area (A-s): 0.001  
Concentration (mg/L ): 0.000

Replicate 2 Time: 08:20  
Peak Area (A-s): 0.001 Peak Height (A): 0.028  
Background Pk Area (A-s): 0.001 Background Pk Height (A): 0.022  
Blank Corrected Pk Area (A-s): -0.001  
Concentration (mg/L ): -0.001

Mean Conc (mg/L ): -0.000 SD: 0.0006 RSD(%): 280.36

~~~~~  
Sb ID: 9931 Seq. No.: 00022 A/S Pos.: 18 Date: 09/07/93

Replicate 1 Time: 08:22
Peak Area (A-s): -0.013 Peak Height (A): 0.020
Background Pk Area (A-s): 0.003 Background Pk Height (A): 0.017
Blank Corrected Pk Area (A-s): -0.016
Concentration (mg/L): -0.005

Replicate 2 Time: 08:23
Peak Area (A-s): -0.001 Peak Height (A): 0.025
Background Pk Area (A-s): -0.004 Background Pk Height (A): 0.019
Blank Corrected Pk Area (A-s): -0.004
Concentration (mg/L): -0.001

Mean Conc (mg/L): -0.003 SD: 0.0027 RSD(%): 83.97

~~~~~  
Sb ID: +.080 Seq. No.: 00023 A/S Pos.: 19 Date: 09/07/93

Replicate 1 Time: 08:25  
Peak Area (A-s): 0.238 Peak Height (A): 0.280  
Background Pk Area (A-s): 0.034 Background Pk Height (A): 0.049  
Blank Corrected Pk Area (A-s): 0.235  
Concentration (mg/L ): 0.073

Replicate 2 Time: 08:27  
Peak Area (A-s): 0.243 Peak Height (A): 0.272  
Background Pk Area (A-s): 0.030 Background Pk Height (A): 0.046  
Blank Corrected Pk Area (A-s): 0.241  
Concentration (mg/L ): 0.074

Mean Conc (mg/L ): 0.073 SD: 0.0011 RSD(%): 1.54

~~~~~  
Sb ID: 9932(1:2) Seq. No.: 00024 A/S Pos.: 20 Date: 09/07/93

Replicate 1 Time: 08:28
Peak Area (A-s): 0.110 Peak Height (A): 0.176
Background Pk Area (A-s): 0.015 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.108
Concentration (mg/L): 0.033

Replicate 2
Peak Area (A-s): 0.111
Background Pk Area (A-s): 0.010
Blank Corrected Pk Area (A-s): 0.109
Concentration (mg/L): 0.033

Time: 08:30
Peak Height (A): 0.166
Background Pk Height (A): 0.032

Mean Conc (mg/L): 0.033 SD: 0.0002 RSD(%): 0.65

~~~~~  
Sb ID: 9933 Seq. No.: 00025 A/S Pos.: 21 Date: 09/07/93

Replicate 1  
Peak Area (A-s): -0.002  
Background Pk Area (A-s): -0.001  
Blank Corrected Pk Area (A-s): -0.005  
Concentration (mg/L ): -0.002

Time: 08:31  
Peak Height (A): 0.028  
Background Pk Height (A): 0.020

Replicate 2  
Peak Area (A-s): 0.006  
Background Pk Area (A-s): -0.002  
Blank Corrected Pk Area (A-s): 0.003  
Concentration (mg/L ): 0.001

Time: 08:33  
Peak Height (A): 0.032  
Background Pk Height (A): 0.021

Mean Conc (mg/L ): -0.000 SD: 0.0018 RSD(%): 464.89

~~~~~  
Sb ID: +.080 Seq. No.: 00026 A/S Pos.: 22 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.222
Background Pk Area (A-s): 0.024
Blank Corrected Pk Area (A-s): 0.219
Concentration (mg/L): 0.068

Time: 08:35
Peak Height (A): 0.272
Background Pk Height (A): 0.050

Replicate 2
Peak Area (A-s): 0.217
Background Pk Area (A-s): 0.029
Blank Corrected Pk Area (A-s): 0.214
Concentration (mg/L): 0.066

Time: 08:36
Peak Height (A): 0.260
Background Pk Height (A): 0.057

Mean Conc (mg/L): 0.067 SD: 0.0010 RSD(%): 1.50

~~~~~  
Sb ID: 9941 Seq. No.: 00027 A/S Pos.: 23 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.007  
Background Pk Area (A-s): -0.008  
Blank Corrected Pk Area (A-s): 0.004  
Concentration (mg/L ): 0.001

Time: 08:42  
Peak Height (A): 0.026  
Background Pk Height (A): 0.022

Replicate 2  
Peak Area (A-s): -0.009  
Background Pk Area (A-s): 0.001  
Blank Corrected Pk Area (A-s): -0.012  
Concentration (mg/L ): -0.004

Time: 08:44  
Peak Height (A): 0.024  
Background Pk Height (A): 0.017

Mean Conc (mg/L ): -0.001 SD: 0.0035 RSD(%): 260.48

~~~~~  
Sb ID: +.080 Seq. No.: 00028 A/S Pos.: 24 Date: 09/07/93

Replicate 1 Time: 08:45
Peak Area (A-s): 0.214 Peak Height (A): 0.269
Background Pk Area (A-s): 0.031 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.212
Concentration (mg/L): 0.065

Replicate 2 Time: 08:47
Peak Area (A-s): 0.210 Peak Height (A): 0.266
Background Pk Area (A-s): 0.035 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.207
Concentration (mg/L): 0.064

Mean Conc (mg/L): 0.065 SD: 0.0010 RSD(%): 1.53

~~~~~  
Sb ID: 9942 Seq. No.: 00029 A/S Pos.: 25 Date: 09/07/93

Replicate 1 Time: 08:49  
Peak Area (A-s): 0.010 Peak Height (A): 0.029  
Background Pk Area (A-s): -0.004 Background Pk Height (A): 0.021  
Blank Corrected Pk Area (A-s): 0.007  
Concentration (mg/L ): 0.002

Replicate 2 Time: 08:50  
Peak Area (A-s): 0.002 Peak Height (A): 0.023  
Background Pk Area (A-s): -0.005 Background Pk Height (A): 0.019  
Blank Corrected Pk Area (A-s): -0.001  
Concentration (mg/L ): -0.000

Mean Conc (mg/L ): 0.001 SD: 0.0017 RSD(%): 217.52

~~~~~  
Sb ID: +.080 Seq. No.: 00030 A/S Pos.: 26 Date: 09/07/93

Replicate 1 Time: 08:52
Peak Area (A-s): 0.180 Peak Height (A): 0.245
Background Pk Area (A-s): 0.025 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.178
Concentration (mg/L): 0.055

Replicate 2 Time: 08:54
Peak Area (A-s): 0.186 Peak Height (A): 0.253
Background Pk Area (A-s): 0.024 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.183
Concentration (mg/L): 0.057

Mean Conc (mg/L): 0.056 SD: 0.0012 RSD(%): 2.20

~~~~~  
Sb ID: CCVF3 Seq. No.: 00031 A/S Pos.: 27 Date: 09/07/93

Replicate 1 Time: 08:57  
Peak Area (A-s): 0.176 Peak Height (A): 0.251  
Background Pk Area (A-s): 0.023 Background Pk Height (A): 0.047  
Blank Corrected Pk Area (A-s): 0.174  
Concentration (mg/L ): 0.054



~~~~~  
Sb ID: 9937 Seq. No.: 00035 A/S Pos.: 31 Date: 09/07/93

Replicate 1 Time: 09:16
Peak Area (A-s): 0.009 Peak Height (A): 0.029
Background Pk Area (A-s): -0.004 Background Pk Height (A): 0.016
Blank Corrected Pk Area (A-s): 0.006
Concentration (mg/L): 0.002

Replicate 2 Time: 09:18
Peak Area (A-s): -0.012 Peak Height (A): 0.022
Background Pk Area (A-s): -0.001 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): -0.015
Concentration (mg/L): -0.005

Mean Conc (mg/L): -0.001 SD: 0.0046 RSD(%): 315.95

~~~~~  
Sb ID: +.080 Seq. No.: 00036 A/S Pos.: 32 Date: 09/07/93

Replicate 1 Time: 09:20  
Peak Area (A-s): 0.201 Peak Height (A): 0.248  
Background Pk Area (A-s): 0.019 Background Pk Height (A): 0.046  
Blank Corrected Pk Area (A-s): 0.198  
Concentration (mg/L ): 0.061

Replicate 2 Time: 09:21  
Peak Area (A-s): 0.187 Peak Height (A): 0.254  
Background Pk Area (A-s): 0.031 Background Pk Height (A): 0.045  
Blank Corrected Pk Area (A-s): 0.184  
Concentration (mg/L ): 0.057

Mean Conc (mg/L ): 0.059 SD: 0.0031 RSD(%): 5.32

~~~~~  
Sb ID: 9938 Seq. No.: 00037 A/S Pos.: 33 Date: 09/07/93

Replicate 1 Time: 09:23
Peak Area (A-s): -0.002 Peak Height (A): 0.032
Background Pk Area (A-s): -0.006 Background Pk Height (A): 0.016
Blank Corrected Pk Area (A-s): -0.005
Concentration (mg/L): -0.002

Replicate 2 Time: 09:24
Peak Area (A-s): -0.010 Peak Height (A): 0.026
Background Pk Area (A-s): -0.001 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): -0.012
Concentration (mg/L): -0.004

Mean Conc (mg/L): -0.003 SD: 0.0016 RSD(%): 57.22

~~~~~  
Sb ID: +.080 Seq. No.: 00038 A/S Pos.: 34 Date: 09/07/93

Replicate 1 Time: 09:26  
Peak Area (A-s): 0.179 Peak Height (A): 0.224  
Background Pk Area (A-s): 0.020 Background Pk Height (A): 0.037  
Blank Corrected Pk Area (A-s): 0.177  
Concentration (mg/L ): 0.054

Replicate 2  
Peak Area (A-s): 0.174  
Background Pk Area (A-s): 0.016  
Blank Corrected Pk Area (A-s): 0.172  
Concentration (mg/L ): 0.053

Time: 09:28  
Peak Height (A): 0.226  
Background Pk Height (A): 0.040

Mean Conc (mg/L ): 0.054 SD: 0.0011 RSD(%): 1.98

~~~~~  
Sb ID: 9939 Seq. No.: 00039 A/S Pos.: 35 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.008
Background Pk Area (A-s): -0.007
Blank Corrected Pk Area (A-s): 0.006
Concentration (mg/L): 0.002

Time: 09:29
Peak Height (A): 0.027
Background Pk Height (A): 0.018

Replicate 2
Peak Area (A-s): 0.008
Background Pk Area (A-s): -0.007
Blank Corrected Pk Area (A-s): 0.005
Concentration (mg/L): 0.001

Time: 09:31
Peak Height (A): 0.024
Background Pk Height (A): 0.019

Mean Conc (mg/L): 0.002 SD: 0.0001 RSD(%): 7.60

~~~~~  
Sb ID: +.080 Seq. No.: 00040 A/S Pos.: 1 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.216  
Background Pk Area (A-s): 0.028  
Blank Corrected Pk Area (A-s): 0.213  
Concentration (mg/L ): 0.066

Time: 09:34  
Peak Height (A): 0.276  
Background Pk Height (A): 0.045

Replicate 2  
Peak Area (A-s): 0.212  
Background Pk Area (A-s): 0.027  
Blank Corrected Pk Area (A-s): 0.209  
Concentration (mg/L ): 0.065

Time: 09:36  
Peak Height (A): 0.267  
Background Pk Height (A): 0.047

Mean Conc (mg/L ): 0.065 SD: 0.0009 RSD(%): 1.34

~~~~~  
Sb ID: 9940 Seq. No.: 00041 A/S Pos.: 2 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.003
Background Pk Area (A-s): -0.009
Blank Corrected Pk Area (A-s): 0.001
Concentration (mg/L): 0.000

Time: 09:37
Peak Height (A): 0.033
Background Pk Height (A): 0.019

Replicate 2
Peak Area (A-s): 0.002
Background Pk Area (A-s): -0.005
Blank Corrected Pk Area (A-s): -0.001
Concentration (mg/L): -0.000

Time: 09:39
Peak Height (A): 0.023
Background Pk Height (A): 0.017

Mean Conc (mg/L): -0.000 SD: 0.0004 RSD(%): 203.43

~~~~~  
 Sb ID: +.080                      Seq. No.: 00042      A/S Pos.: 3      Date: 09/07/93

Replicate 1                                      Time: 09:40  
 Peak Area (A-s): 0.227                      Peak Height (A): 0.267  
 Background Pk Area (A-s): 0.030              Background Pk Height (A): 0.046  
 Blank Corrected Pk Area (A-s): 0.225  
 Concentration (mg/L ): 0.069

Replicate 2                                      Time: 09:42  
 Peak Area (A-s): 0.231                      Peak Height (A): 0.279  
 Background Pk Area (A-s): 0.022              Background Pk Height (A): 0.058  
 Blank Corrected Pk Area (A-s): 0.228  
 Concentration (mg/L ): 0.070

Mean Conc (mg/L ):              0.070                      SD: 0.0008                      RSD(%): 1.21

~~~~~  
 Sb ID: CCVF4 Seq. No.: 00043 A/S Pos.: 4 Date: 09/07/93

Replicate 1 Time: 09:47
 Peak Area (A-s): 0.201 Peak Height (A): 0.237
 Background Pk Area (A-s): 0.022 Background Pk Height (A): 0.045
 Blank Corrected Pk Area (A-s): 0.199
 Concentration (mg/L): 0.061

Replicate 2 Time: 09:49
 Peak Area (A-s): 0.194 Peak Height (A): 0.241
 Background Pk Area (A-s): 0.024 Background Pk Height (A): 0.051
 Blank Corrected Pk Area (A-s): 0.191
 Concentration (mg/L): 0.059

Mean Conc (mg/L): 0.060 SD: 0.0016 RSD(%): 2.68

~~~~~  
 Sb ID: CCB4                      Seq. No.: 00044      A/S Pos.: 5      Date: 09/07/93

Replicate 1                                      Time: 09:50  
 Peak Area (A-s): 0.007                      Peak Height (A): 0.034  
 Background Pk Area (A-s): -0.003              Background Pk Height (A): 0.019  
 Blank Corrected Pk Area (A-s): 0.004  
 Concentration (mg/L ): 0.001

Replicate 2                                      Time: 09:52  
 Peak Area (A-s): -0.001                      Peak Height (A): 0.029  
 Background Pk Area (A-s): 0.003              Background Pk Height (A): 0.020  
 Blank Corrected Pk Area (A-s): -0.004  
 Concentration (mg/L ): -0.001

Mean Conc (mg/L ):              -0.000                      SD: 0.0017                      RSD(%): 1605.38

| TRAY # | JOB #                      | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS   | TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS                 |
|--------|----------------------------|-------------|----------|--------------------|------------|--------|-------|-------------|----------|--------------------|--------------------------|
| -      | -                          | BLANK       |          |                    | CALIBRATE  | 25     |       | +1.020      |          | 0.057              | 65% *                    |
| -      | -                          | STD 1       |          |                    | CALIBRATE  | 26     |       | 9946        |          | 0.026              |                          |
| -      | -                          | STD 2       |          |                    | CALIBRATE  | 27     |       | +1.020      |          | 0.042              | 80% *                    |
| -      | -                          | STD 3       |          |                    | CALIBRATE  | 28     | CVF3  | R-1C        | 1:10     | 0.061              | 0.610 102%               |
| 1      | TCVF                       | R-1C        | 1:10     | 0.061              | 0.610 102% | 29     | CVB3  | Blk         |          | <                  |                          |
| 2      | ICB                        | Blk         |          | <                  |            | 30     |       | 9947        |          | 0.013              |                          |
| 3      | CRF                        | 0.010       |          | 0.011              |            | 31     |       | +1.020      |          | 0.031              | 90%                      |
| 4      | CVF1                       | R-1C        | 1:10     | 0.060              | 0.600 100% | 32     |       | 9948        |          | 0.056              |                          |
| 5      | CVB1                       | Blk         |          | <                  |            | 33     |       | +1.020      |          | 0.077              | 105%                     |
| 6      | <sup>LCSS</sup><br>93-2646 | 9935        | 1:10     | 0.060              | 0.600      | 34     |       | 9949        |          | 0.026              |                          |
| 7      |                            | +1.020      | √        | 0.077              | 85%        | 35     |       | +1.020      |          | 0.042              | 80% *                    |
| 8      | PBS                        | 9934        |          | <                  |            | 1      |       | 9950        |          | 0.026              |                          |
| 9      |                            | +1.020      |          | 0.020              | 100%       | 2      |       | +1.020      |          | 0.043              | 85%                      |
| 10     |                            | 9941        |          | <                  |            | 3      | CVF4  | R-1C        | 1:10     | 0.061              | 0.610 102%               |
| 11     |                            | +1.020      |          | 0.021              | 105%       | 4      | CVB4  | Blk         |          | <                  |                          |
| 12     |                            | 9942        |          | 0.004              |            |        |       | 9945+0      |          | 0.044              | <sup>Abs.</sup><br>0.153 |
| 13     |                            | +1.020      |          | 0.023              | 95%        |        |       | +1.010      |          | 0.051              | 0.177                    |
| 14     | <sup>LCSS</sup><br>93-2665 | 9952        | 1:10     | 0.061              | 0.610      |        |       | +1.020      |          | 0.054              | 0.188                    |
| 15     |                            | +1.020      | √        | 0.078              | 85%        |        |       | √+1.030     |          | 0.060              | 0.209                    |
| 16     | CVF2                       | R-1C        | 1:10     | 0.061              | 0.610 102% |        |       | 9945+0      |          | 0.043              | 0.150                    |
| 17     | CVB2                       | Blk         |          | <                  |            |        |       | +1.010      |          | 0.049              | 0.170                    |
| 18     | PBS                        | 9951        |          | <                  |            |        |       | +1.020      |          | 0.054              | 0.189                    |
| 19     |                            | +1.020      |          | 0.020              | 100%       |        |       | √+1.030     |          | 0.058              | 0.202                    |
| 20     |                            | 9943        |          | 0.015              |            |        |       | 9946+0      |          | 0.024              | 0.081                    |
| 21     |                            | +1.020      |          | 0.032              | 85%        |        |       | +1.010      |          | 0.031              | 0.108                    |
| 22     |                            | 9944        |          | 0.024              |            |        |       | +1.020      |          | 0.038              | 0.132                    |
| 23     |                            | +1.020      |          | 0.041              | 85%        |        |       | √+1.030     |          | 0.044              | 0.154                    |
| 24     |                            | 9945        |          | 0.044              |            |        |       | 9949+0      |          | 0.025              | 0.084                    |

1246

FURNACE#: 1

DATA FILE #: 10907A51

# REPLICATE SHOTS: 2

DETECTION LIMIT: 0.003

| TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS               | TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS |
|--------|-------|-------------|----------|--------------------|------------------------|--------|-------|-------------|----------|--------------------|----------|
| -      | -     | BLANK       |          |                    | CALIBRATE              | 25     |       |             |          |                    |          |
| -      | -     | STD 1       |          |                    | CALIBRATE              | 26     |       |             |          |                    |          |
| -      | -     | STD 2       |          |                    | CALIBRATE              | 27     |       |             |          |                    |          |
| -      | -     | STD 3       |          |                    | CALIBRATE              | 28     |       |             |          |                    |          |
| 1      |       | ↑ 0.010     |          | 0.032              | 0.110 } Corr. = 0.9988 | 29     |       |             |          |                    |          |
| 2      |       | ↑ 0.020     |          | 0.039              | 0.123 (0.037)          | 30     |       |             |          |                    |          |
| 3      |       | ↓ 0.030     |          | 0.044              | 0.154                  | 31     |       |             |          |                    |          |
| 4      | CCVFS | R-1C        | 1.200    | 0.060              | 0.600 100%             | 32     |       |             |          |                    |          |
| 5      | CCBS  | Bik         |          | <                  |                        | 33     |       |             |          |                    |          |
| 6      |       |             |          |                    |                        | 34     |       |             |          |                    |          |
| 7      |       |             |          |                    |                        | 35     |       |             |          |                    |          |
| 8      |       |             |          |                    |                        |        |       |             |          |                    |          |
| 9      |       |             |          |                    |                        |        |       |             |          |                    |          |
| 10     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 11     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 12     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 13     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 14     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 15     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 16     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 17     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 18     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 19     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 20     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 21     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 22     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 23     |       |             |          |                    |                        |        |       |             |          |                    |          |
| 24     |       |             |          |                    |                        |        |       |             |          |                    |          |

1247

62  
9/7/93

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|                         |                        |                   |
|-------------------------|------------------------|-------------------|
| Element File: AS.GEL    | Element: As            | Wavelength: 193.7 |
| Date: 09/07/93          | Time: 07:29            | Slit: 0.70        |
| Data File: 10907AS1.DAT | ID/Wt File: AS_CLP.IDW | Lamp Current: 0   |
| Technique: HGA          | Calib. Type: Linear    | Energy: 48        |

Remark 1: ANALYST: JAC  
 Remark 2: FURNACE #1  
 Remark 3: Detection Limit: 0.003 mg/l

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As ID: Blank Seq. No.: 00001 A/S Pos.: 37 Date: 09/07/93

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Replicate 1                           | Time: 07:29                     |
| Peak Area (A-s): 0.007                | Peak Height (A): 0.017          |
| Background Pk Area (A-s): -0.005      | Background Pk Height (A): 0.010 |
| Blank Corrected Pk Area (A-s): -0.000 |                                 |
| Concentration (mg/L ): 0.001          |                                 |

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Replicate 2                           | Time: 07:31                     |
| Peak Area (A-s): 0.007                | Peak Height (A): 0.013          |
| Background Pk Area (A-s): 0.006       | Background Pk Height (A): 0.013 |
| Blank Corrected Pk Area (A-s): -0.001 |                                 |
| Concentration (mg/L ): 0.001          |                                 |

Mean Conc (mg/L ): 0.001 SD: 0.0001 RSD(%): 9.91

Auto-zero performed.

As ID: Standard 1 Seq. No.: 00002 A/S Pos.: 38 Date: 09/07/93

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Replicate 1                          | Time: 07:33                     |
| Peak Area (A-s): 0.039               | Peak Height (A): 0.086          |
| Background Pk Area (A-s): 0.006      | Background Pk Height (A): 0.015 |
| Blank Corrected Pk Area (A-s): 0.032 |                                 |
| Concentration (mg/L ): 0.010         |                                 |

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Replicate 2                          | Time: 07:34                     |
| Peak Area (A-s): 0.037               | Peak Height (A): 0.078          |
| Background Pk Area (A-s): 0.008      | Background Pk Height (A): 0.013 |
| Blank Corrected Pk Area (A-s): 0.030 |                                 |
| Concentration (mg/L ): 0.009         |                                 |

Mean Conc (mg/L ): 0.010 SD: 0.0004 RSD(%): 4.25

Standard number 1 applied. [0.010]  
 Correlation coefficient: 1.00000 Slope: 3.0998 Int: -0.000

As ID: Standard 2 Seq. No.: 00003 A/S Pos.: 39 Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.178  
 Background Fk Area (A-s): 0.012  
 Blank Corrected Fk Area (A-s): 0.171  
 Concentration (mg/L ): 0.055

Time: 07:36  
 Peak Height (A): 0.359  
 Background Fk Height (A): 0.027

Replicate 2  
 Peak Area (A-s): 0.175  
 Background Fk Area (A-s): 0.017  
 Blank Corrected Fk Area (A-s): 0.169  
 Concentration (mg/L ): 0.054

Time: 07:38  
 Peak Height (A): 0.367  
 Background Fk Height (A): 0.033

Mean Conc (mg/L ): 0.055

SD: 0.0005

RSD(%): 0.93

Standard number 2 applied. [0.050]  
 Correlation coefficient: 0.99984

Slope: 3.4163

Int: -0.001

~~~~~  
 As ID: Standard 3 Seq. No.: 00004 A/S Pos.: 40 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.362
 Background Fk Area (A-s): 0.025
 Blank Corrected Fk Area (A-s): 0.355
 Concentration (mg/L): 0.104

Time: 07:40
 Peak Height (A): 0.705
 Background Fk Height (A): 0.056

Replicate 2
 Peak Area (A-s): 0.358
 Background Fk Area (A-s): 0.029
 Blank Corrected Fk Area (A-s): 0.351
 Concentration (mg/L): 0.103

Time: 07:42
 Peak Height (A): 0.698
 Background Fk Height (A): 0.052

Mean Conc (mg/L): 0.104

SD: 0.0009

RSD(%): 0.82

Standard number 3 applied. [0.100]
 Correlation coefficient: 0.99979

Slope: 3.5410

Int: -0.003

~~~~~  
 As ID: ICFV Seq. No.: 00005 A/S Pos.: 1 Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.215  
 Background Fk Area (A-s): 0.027  
 Blank Corrected Fk Area (A-s): 0.208  
 Concentration (mg/L ): 0.060

Time: 07:43  
 Peak Height (A): 0.416  
 Background Fk Height (A): 0.045

Replicate 2  
 Peak Area (A-s): 0.221  
 Background Fk Area (A-s): 0.023  
 Blank Corrected Fk Area (A-s): 0.214  
 Concentration (mg/L ): 0.061

Time: 07:45  
 Peak Height (A): 0.426  
 Background Fk Height (A): 0.034

Mean Conc (mg/L ): 0.061

SD: 0.0012

RSD(%): 1.94

~~~~~  
 As ID: ICB Seq. No.: 00006 A/S Pos.: 2 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.004

Time: 07:47
 Peak Height (A): 0.015

Background Pk Area (A-s): 0.003 Background Pk Height (A): 0.010
 Blank Corrected Pk Area (A-s): -0.003
 Concentration (mg/L): 0.000

Replicate 2 Time: 07:48
 Peak Area (A-s): 0.004 Peak Height (A): 0.012
 Background Pk Area (A-s): 0.003 Background Pk Height (A): 0.011
 Blank Corrected Pk Area (A-s): -0.003
 Concentration (mg/L): -0.000

Mean Conc (mg/L): 0.000 SD: 0.0000 RSD(%): 0.00

~~~~~  
 As      ID: CRA      Seq. No.: 00007      A/S Pos.: 3      Date: 09/07/93

Replicate 1      Time: 07:50  
 Peak Area (A-s): 0.043      Peak Height (A): 0.085  
 Background Pk Area (A-s): 0.005      Background Pk Height (A): 0.012  
 Blank Corrected Pk Area (A-s): 0.036  
 Concentration (mg/L ): 0.011

Replicate 2      Time: 07:52  
 Peak Area (A-s): 0.043      Peak Height (A): 0.082  
 Background Pk Area (A-s): 0.004      Background Pk Height (A): 0.014  
 Blank Corrected Pk Area (A-s): 0.036  
 Concentration (mg/L ): 0.011

Mean Conc (mg/L ):      0.011      SD: 0.0001      RSD(%): 0.56

~~~~~  
 As ID: CCVF1 Seq. No.: 00008 A/S Pos.: 4 Date: 09/07/93

Replicate 1 Time: 07:54
 Peak Area (A-s): 0.217 Peak Height (A): 0.425
 Background Pk Area (A-s): 0.018 Background Pk Height (A): 0.034
 Blank Corrected Pk Area (A-s): 0.210
 Concentration (mg/L): 0.060

Replicate 2 Time: 07:55
 Peak Area (A-s): 0.216 Peak Height (A): 0.425
 Background Pk Area (A-s): 0.023 Background Pk Height (A): 0.033
 Blank Corrected Pk Area (A-s): 0.209
 Concentration (mg/L): 0.060

Mean Conc (mg/L): 0.060 SD: 0.0003 RSD(%): 0.47

~~~~~  
 As      ID: CCB1      Seq. No.: 00009      A/S Pos.: 5      Date: 09/07/93

Replicate 1      Time: 07:57  
 Peak Area (A-s): 0.002      Peak Height (A): 0.011  
 Background Pk Area (A-s): 0.008      Background Pk Height (A): 0.010  
 Blank Corrected Pk Area (A-s): -0.005  
 Concentration (mg/L ): -0.000

Replicate 2      Time: 07:59  
 Peak Area (A-s): 0.008      Peak Height (A): 0.014  
 Background Pk Area (A-s): 0.000      Background Pk Height (A): 0.011  
 Blank Corrected Pk Area (A-s): 0.001

Concentration (mg/L ): 0.001

Mean Conc (mg/L ): 0.000 SD: 0.0011 RSD(%): 314.71

As ID: 9935(1:10) Seq. No.: 00010 A/S Pos.: 6 Date: 09/07/93

Replicate 1 Time: 08:03  
 Peak Area (A-s): 0.215 Peak Height (A): 0.427  
 Background Pk Area (A-s): 0.021 Background Pk Height (A): 0.033  
 Blank Corrected Pk Area (A-s): 0.208  
 Concentration (mg/L ): 0.060

Replicate 2 Time: 08:05  
 Peak Area (A-s): 0.218 Peak Height (A): 0.423  
 Background Pk Area (A-s): 0.024 Background Pk Height (A): 0.036  
 Blank Corrected Pk Area (A-s): 0.211  
 Concentration (mg/L ): 0.061

Mean Conc (mg/L ): 0.060 SD: 0.0006 RSD(%): 1.06

As ID: +.020 Seq. No.: 00011 A/S Pos.: 7 Date: 09/07/93

Replicate 1 Time: 08:07  
 Peak Area (A-s): 0.276 Peak Height (A): 0.561  
 Background Pk Area (A-s): 0.019 Background Pk Height (A): 0.039  
 Blank Corrected Pk Area (A-s): 0.269  
 Concentration (mg/L ): 0.077

Replicate 2 Time: 08:09  
 Peak Area (A-s): 0.277 Peak Height (A): 0.537  
 Background Pk Area (A-s): 0.028 Background Pk Height (A): 0.040  
 Blank Corrected Pk Area (A-s): 0.270  
 Concentration (mg/L ): 0.077

Mean Conc (mg/L ): 0.077 SD: 0.0002 RSD(%): 0.29

As ID: 9934 Seq. No.: 00012 A/S Pos.: 8 Date: 09/07/93

Replicate 1 Time: 08:11  
 Peak Area (A-s): 0.001 Peak Height (A): 0.014  
 Background Pk Area (A-s): 0.003 Background Pk Height (A): 0.011  
 Blank Corrected Pk Area (A-s): -0.005  
 Concentration (mg/L ): -0.001

Replicate 2 Time: 08:12  
 Peak Area (A-s): 0.005 Peak Height (A): 0.011  
 Background Pk Area (A-s): 0.006 Background Pk Height (A): 0.012  
 Blank Corrected Pk Area (A-s): -0.002  
 Concentration (mg/L ): 0.000

Mean Conc (mg/L ): -0.000 SD: 0.0006 RSD(%): 351.55

As ID: +.020 Seq. No.: 00013 A/S Pos.: 9 Date: 09/07/93

Replicate 1 Time: 08:15

Peak Area (A-s): 0.075  
 Background Pk Area (A-s): 0.008  
 Blank Corrected Pk Area (A-s): 0.068  
 Concentration (mg/L ): 0.020

Peak Height (A): 0.150  
 Background Pk Height (A): 0.017

Replicate 2  
 Peak Area (A-s): 0.075  
 Background Pk Area (A-s): 0.007  
 Blank Corrected Pk Area (A-s): 0.068  
 Concentration (mg/L ): 0.020

Time: 08:17  
 Peak Height (A): 0.152  
 Background Pk Height (A): 0.017

Mean Conc (mg/L ): 0.020

SD: 0.0000

RSD(%): 0.13

As ID: 9941

Seq. No.: 00014

A/S Pos.: 10

Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.008  
 Background Pk Area (A-s): 0.028  
 Blank Corrected Pk Area (A-s): 0.001  
 Concentration (mg/L ): 0.001

Time: 08:19  
 Peak Height (A): 0.016  
 Background Pk Height (A): 0.022

Replicate 2  
 Peak Area (A-s): 0.011  
 Background Pk Area (A-s): 0.029  
 Blank Corrected Pk Area (A-s): 0.004  
 Concentration (mg/L ): 0.002

Time: 08:20  
 Peak Height (A): 0.018  
 Background Pk Height (A): 0.023

Mean Conc (mg/L ): 0.002

SD: 0.0006

RSD(%): 39.10

As ID: +.020

Seq. No.: 00015

A/S Pos.: 11

Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.076  
 Background Pk Area (A-s): 0.026  
 Blank Corrected Pk Area (A-s): 0.069  
 Concentration (mg/L ): 0.021

Time: 08:22  
 Peak Height (A): 0.160  
 Background Pk Height (A): 0.036

Replicate 2  
 Peak Area (A-s): 0.076  
 Background Pk Area (A-s): 0.028  
 Blank Corrected Pk Area (A-s): 0.070  
 Concentration (mg/L ): 0.021

Time: 08:24  
 Peak Height (A): 0.160  
 Background Pk Height (A): 0.030

Mean Conc (mg/L ): 0.021

SD: 0.0000

RSD(%): 0.04

As ID: 9942

Seq. No.: 00016

A/S Pos.: 12

Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.015  
 Background Pk Area (A-s): 0.035  
 Blank Corrected Pk Area (A-s): 0.008  
 Concentration (mg/L ): 0.003

Time: 08:26  
 Peak Height (A): 0.028  
 Background Pk Height (A): 0.032

Replicate 2  
 Peak Area (A-s): 0.018  
 Background Pk Area (A-s): 0.034

Time: 08:28  
 Peak Height (A): 0.033  
 Background Pk Height (A): 0.033

Blank Corrected Pk Area (A-s): 0.012  
Concentration (mg/L ): 0.004

Mean Conc (mg/L ): 0.004 SD: 0.0008 RSD(%): 21.30

As ID: +.020 Seq. No.: 00017 A/S Pos.: 13 Date: 09/07/93

Replicate 1 Time: 08:30  
Peak Area (A-s): 0.083 Peak Height (A): 0.166  
Background Pk Area (A-s): 0.036 Background Pk Height (A): 0.038  
Blank Corrected Pk Area (A-s): 0.076  
Concentration (mg/L ): 0.022

Replicate 2 Time: 08:31  
Peak Area (A-s): 0.084 Peak Height (A): 0.164  
Background Pk Area (A-s): 0.044 Background Pk Height (A): 0.041  
Blank Corrected Pk Area (A-s): 0.077  
Concentration (mg/L ): 0.023

Mean Conc (mg/L ): 0.023 SD: 0.0001 RSD(%): 0.64

As ID: 9952(1:10) Seq. No.: 00018 A/S Pos.: 14 Date: 09/07/93

Replicate 1 Time: 08:38  
Peak Area (A-s): 0.217 Peak Height (A): 0.436  
Background Pk Area (A-s): 0.016 Background Pk Height (A): 0.034  
Blank Corrected Pk Area (A-s): 0.211  
Concentration (mg/L ): 0.060

Replicate 2 Time: 08:39  
Peak Area (A-s): 0.221 Peak Height (A): 0.436  
Background Pk Area (A-s): 0.017 Background Pk Height (A): 0.037  
Blank Corrected Pk Area (A-s): 0.214  
Concentration (mg/L ): 0.061

Mean Conc (mg/L ): 0.061 SD: 0.0008 RSD(%): 1.26

As ID: +.020 Seq. No.: 00019 A/S Pos.: 15 Date: 09/07/93

Replicate 1 Time: 08:41  
Peak Area (A-s): 0.279 Peak Height (A): 0.580  
Background Pk Area (A-s): 0.025 Background Pk Height (A): 0.041  
Blank Corrected Pk Area (A-s): 0.273  
Concentration (mg/L ): 0.078

Replicate 2 Time: 08:43  
Peak Area (A-s): 0.283 Peak Height (A): 0.577  
Background Pk Area (A-s): 0.024 Background Pk Height (A): 0.041  
Blank Corrected Pk Area (A-s): 0.276  
Concentration (mg/L ): 0.079

Mean Conc (mg/L ): 0.078 SD: 0.0007 RSD(%): 0.94

As ID: CCVF2 Seq. No.: 00020 A/S Pos.: 16 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.216  
Background Pk Area (A-s): 0.023  
Blank Corrected Pk Area (A-s): 0.209  
Concentration (mg/L ): 0.060

Time: 08:46  
Peak Height (A): 0.442  
Background Pk Height (A): 0.040

Replicate 2  
Peak Area (A-s): 0.221  
Background Pk Area (A-s): 0.019  
Blank Corrected Pk Area (A-s): 0.214  
Concentration (mg/L ): 0.061

Time: 08:48  
Peak Height (A): 0.447  
Background Pk Height (A): 0.034

Mean Conc (mg/L ): 0.061 SD: 0.0010 RSD(%): 1.69

~~~~~  
As ID: CCB2 Seq. No.: 00021 A/S Pos.: 17 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.006
Background Pk Area (A-s): 0.003
Blank Corrected Pk Area (A-s): -0.001
Concentration (mg/L): 0.001

Time: 08:50
Peak Height (A): 0.012
Background Pk Height (A): 0.010

Replicate 2
Peak Area (A-s): 0.004
Background Pk Area (A-s): 0.006
Blank Corrected Pk Area (A-s): -0.003
Concentration (mg/L): 0.000

Time: 08:51
Peak Height (A): 0.011
Background Pk Height (A): 0.011

Mean Conc (mg/L): 0.000 SD: 0.0004 RSD(%): 98.26

~~~~~  
As ID: 9951 Seq. No.: 00022 A/S Pos.: 18 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.004  
Background Pk Area (A-s): 0.001  
Blank Corrected Pk Area (A-s): -0.003  
Concentration (mg/L ): 0.000

Time: 08:53  
Peak Height (A): 0.015  
Background Pk Height (A): 0.009

Replicate 2  
Peak Area (A-s): 0.006  
Background Pk Area (A-s): 0.002  
Blank Corrected Pk Area (A-s): -0.000  
Concentration (mg/L ): 0.001

Time: 08:55  
Peak Height (A): 0.014  
Background Pk Height (A): 0.011

Mean Conc (mg/L ): 0.000 SD: 0.0004 RSD(%): 92.55

~~~~~  
As ID: +.020 Seq. No.: 00023 A/S Pos.: 19 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.074
Background Pk Area (A-s): 0.011
Blank Corrected Pk Area (A-s): 0.067
Concentration (mg/L): 0.020

Time: 09:00
Peak Height (A): 0.162
Background Pk Height (A): 0.015

Replicate 2
Peak Area (A-s): 0.076

Time: 09:01
Peak Height (A): 0.154

Background Pk Area (A-s): 0.011
Blank Corrected Pk Area (A-s): 0.070
Concentration (mg/L): 0.021

Background Pk Height (A): 0.017

Mean Conc (mg/L): 0.020

SD: 0.0004

RSD(%): 2.18

As ID: 9943

Seq. No.: 00024

A/S Pos.: 20

Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.058
Background Pk Area (A-s): 0.196
Blank Corrected Pk Area (A-s): 0.051
Concentration (mg/L): 0.015

Time: 09:03
Peak Height (A): 0.110
Background Pk Height (A): 0.184

Replicate 2
Peak Area (A-s): 0.055
Background Pk Area (A-s): 0.199
Blank Corrected Pk Area (A-s): 0.048
Concentration (mg/L): 0.015

Time: 09:05
Peak Height (A): 0.107
Background Pk Height (A): 0.193

Mean Conc (mg/L): 0.015

SD: 0.0005

RSD(%): 3.57

As ID: +.020

Seq. No.: 00025

A/S Pos.: 21

Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.116
Background Pk Area (A-s): 0.201
Blank Corrected Pk Area (A-s): 0.109
Concentration (mg/L): 0.032

Time: 09:06
Peak Height (A): 0.224
Background Pk Height (A): 0.206

Replicate 2
Peak Area (A-s): 0.119
Background Pk Area (A-s): 0.206
Blank Corrected Pk Area (A-s): 0.112
Concentration (mg/L): 0.033

Time: 09:08
Peak Height (A): 0.228
Background Pk Height (A): 0.211

Mean Conc (mg/L): 0.032

SD: 0.0006

RSD(%): 1.82

As ID: 9944

Seq. No.: 00026

A/S Pos.: 22

Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.091
Background Pk Area (A-s): 0.162
Blank Corrected Pk Area (A-s): 0.084
Concentration (mg/L): 0.025

Time: 09:10
Peak Height (A): 0.173
Background Pk Height (A): 0.164

Replicate 2
Peak Area (A-s): 0.088
Background Pk Area (A-s): 0.153
Blank Corrected Pk Area (A-s): 0.081
Concentration (mg/L): 0.024

Time: 09:12
Peak Height (A): 0.171
Background Pk Height (A): 0.159

Mean Conc (mg/L): 0.024

SD: 0.0007

RSD(%): 2.79

As ID: +.020

Seq. No.: 00027

A/S Pos.: 23

Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.144
Background Pk Area (A-s): 0.152
Blank Corrected Pk Area (A-s): 0.138
Concentration (mg/L): 0.040

Time: 09:13
Peak Height (A): 0.283
Background Pk Height (A): 0.151

Replicate 2
Peak Area (A-s): 0.151
Background Pk Area (A-s): 0.134
Blank Corrected Pk Area (A-s): 0.144
Concentration (mg/L): 0.041

Time: 09:15
Peak Height (A): 0.290
Background Pk Height (A): 0.131

Mean Conc (mg/L): 0.041 SD: 0.0012 RSD(%): 3.04

As ID: 9945 Seq. No.: 00028 A/S Pos.: 24 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.163
Background Pk Area (A-s): 0.114
Blank Corrected Pk Area (A-s): 0.156
Concentration (mg/L): 0.045

Time: 09:17
Peak Height (A): 0.306
Background Pk Height (A): 0.125

Replicate 2
Peak Area (A-s): 0.159
Background Pk Area (A-s): 0.118
Blank Corrected Pk Area (A-s): 0.152
Concentration (mg/L): 0.044

Time: 09:18
Peak Height (A): 0.303
Background Pk Height (A): 0.117

Mean Conc (mg/L): 0.044 SD: 0.0007 RSD(%): 1.69

As ID: +.020 Seq. No.: 00029 A/S Pos.: 25 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.205
Background Pk Area (A-s): 0.111
Blank Corrected Pk Area (A-s): 0.199
Concentration (mg/L): 0.057

Time: 09:20
Peak Height (A): 0.392
Background Pk Height (A): 0.125

Replicate 2
Peak Area (A-s): 0.204
Background Pk Area (A-s): 0.110
Blank Corrected Pk Area (A-s): 0.197
Concentration (mg/L): 0.057

Time: 09:22
Peak Height (A): 0.393
Background Pk Height (A): 0.120

Mean Conc (mg/L): 0.057 SD: 0.0003 RSD(%): 0.50

As ID: 9946 Seq. No.: 00030 A/S Pos.: 26 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.094
Background Pk Area (A-s): 0.150
Blank Corrected Pk Area (A-s): 0.087
Concentration (mg/L): 0.025

Time: 09:24
Peak Height (A): 0.188
Background Pk Height (A): 0.158

Replicate 2
Peak Area (A-s): 0.095

Time: 09:26
Peak Height (A): 0.190

Background Pk Area (A-s): 0.158
Blank Corrected Pk Area (A-s): 0.088
Concentration (mg/L): 0.026

Background Pk Height (A): 0.161

Mean Conc (mg/L): 0.026

SD: 0.0003

RSD(%): 1.09

As ID: +.020

Seq. No.: 00031

A/S Pos.: 27

Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.146
Background Pk Area (A-s): 0.159
Blank Corrected Pk Area (A-s): 0.140
Concentration (mg/L): 0.040

Time: 09:27
Peak Height (A): 0.298
Background Pk Height (A): 0.161

Replicate 2
Peak Area (A-s): 0.159
Background Pk Area (A-s): 0.117
Blank Corrected Pk Area (A-s): 0.152
Concentration (mg/L): 0.044

Time: 09:29
Peak Height (A): 0.300
Background Pk Height (A): 0.120

Mean Conc (mg/L): 0.042

SD: 0.0025

RSD(%): 5.96

As ID: CCVF3

Seq. No.: 00032

A/S Pos.: 28

Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.219
Background Pk Area (A-s): 0.022
Blank Corrected Pk Area (A-s): 0.212
Concentration (mg/L): 0.061

Time: 09:32
Peak Height (A): 0.445
Background Pk Height (A): 0.037

Replicate 2
Peak Area (A-s): 0.218
Background Pk Area (A-s): 0.020
Blank Corrected Pk Area (A-s): 0.211
Concentration (mg/L): 0.061

Time: 09:33
Peak Height (A): 0.430
Background Pk Height (A): 0.036

Mean Conc (mg/L): 0.061

SD: 0.0001

RSD(%): 0.23

As ID: CCB3

Seq. No.: 00033

A/S Pos.: 29

Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.004
Background Pk Area (A-s): 0.007
Blank Corrected Pk Area (A-s): -0.003
Concentration (mg/L): 0.000

Time: 09:35
Peak Height (A): 0.013
Background Pk Height (A): 0.009

Replicate 2
Peak Area (A-s): 0.005
Background Pk Area (A-s): 0.014
Blank Corrected Pk Area (A-s): -0.002
Concentration (mg/L): 0.000

Time: 09:37
Peak Height (A): 0.011
Background Pk Height (A): 0.014

Mean Conc (mg/L): 0.000

SD: 0.0001

RSD(%): 53.02

As ID: 9947

Seq. No.: 00034

A/S Pos.: 30

Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.054
Background Pk Area (A-s): 0.081
Blank Corrected Pk Area (A-s): 0.047
Concentration (mg/L): 0.014

Time: 09:39
Peak Height (A): 0.092
Background Pk Height (A): 0.079

Replicate 2
Peak Area (A-s): 0.047
Background Pk Area (A-s): 0.087
Blank Corrected Pk Area (A-s): 0.040
Concentration (mg/L): 0.012

Time: 09:41
Peak Height (A): 0.092
Background Pk Height (A): 0.093

Mean Conc (mg/L): 0.013 SD: 0.0013 RSD(%): 9.52

As ID: +.020 Seq. No.: 00035 A/S Pos.: 31 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.111
Background Pk Area (A-s): 0.091
Blank Corrected Pk Area (A-s): 0.105
Concentration (mg/L): 0.030

Time: 09:43
Peak Height (A): 0.213
Background Pk Height (A): 0.088

Replicate 2
Peak Area (A-s): 0.112
Background Pk Area (A-s): 0.084
Blank Corrected Pk Area (A-s): 0.105
Concentration (mg/L): 0.031

Time: 09:44
Peak Height (A): 0.206
Background Pk Height (A): 0.090

Mean Conc (mg/L): 0.031 SD: 0.0002 RSD(%): 0.57

As ID: 9948 Seq. No.: 00036 A/S Pos.: 32 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.196
Background Pk Area (A-s): 0.082
Blank Corrected Pk Area (A-s): 0.190
Concentration (mg/L): 0.054

Time: 09:46
Peak Height (A): 0.361
Background Pk Height (A): 0.098

Replicate 2
Peak Area (A-s): 0.211
Background Pk Area (A-s): 0.093
Blank Corrected Pk Area (A-s): 0.204
Concentration (mg/L): 0.058

Time: 09:48
Peak Height (A): 0.387
Background Pk Height (A): 0.110

Mean Conc (mg/L): 0.056 SD: 0.0028 RSD(%): 5.02

As ID: +.020 Seq. No.: 00037 A/S Pos.: 33 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.253
Background Pk Area (A-s): 0.095
Blank Corrected Pk Area (A-s): 0.246
Concentration (mg/L): 0.070

Time: 09:50
Peak Height (A): 0.465
Background Pk Height (A): 0.106

Replicate 2
Peak Area (A-s): 0.301

Time: 09:51
Peak Height (A): 0.559

Background Pk Area (A-s): 0.086
 Blank Corrected Pk Area (A-s): 0.294
 Concentration (mg/L): 0.084

Background Pk Height (A): 0.115

Mean Conc (mg/L): 0.077

SD: 0.0095

RSD(%): 12.28

As ID: 9949

Seq. No.: 00038

A/S Pos.: 34

Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.097
 Background Pk Area (A-s): 0.144
 Blank Corrected Pk Area (A-s): 0.090
 Concentration (mg/L): 0.026

Time: 09:53
 Peak Height (A): 0.190
 Background Pk Height (A): 0.146

Replicate 2
 Peak Area (A-s): 0.092
 Background Pk Area (A-s): 0.149
 Blank Corrected Pk Area (A-s): 0.085
 Concentration (mg/L): 0.025

Time: 09:55
 Peak Height (A): 0.187
 Background Pk Height (A): 0.152

Mean Conc (mg/L): 0.026

SD: 0.0009

RSD(%): 3.66

As ID: +.020

Seq. No.: 00039

A/S Pos.: 35

Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.156
 Background Pk Area (A-s): 0.144
 Blank Corrected Pk Area (A-s): 0.149
 Concentration (mg/L): 0.043

Time: 09:56
 Peak Height (A): 0.311
 Background Pk Height (A): 0.149

Replicate 2
 Peak Area (A-s): 0.148
 Background Pk Area (A-s): 0.150
 Blank Corrected Pk Area (A-s): 0.141
 Concentration (mg/L): 0.041

Time: 09:58
 Peak Height (A): 0.301
 Background Pk Height (A): 0.152

Mean Conc (mg/L): 0.042

SD: 0.0015

RSD(%): 3.48

As ID: 9950

Seq. No.: 00040

A/S Pos.: 1

Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.094
 Background Pk Area (A-s): 0.337
 Blank Corrected Pk Area (A-s): 0.088
 Concentration (mg/L): 0.026

Time: 10:01
 Peak Height (A): 0.192
 Background Pk Height (A): 0.323

Replicate 2
 Peak Area (A-s): 0.096
 Background Pk Area (A-s): 0.349
 Blank Corrected Pk Area (A-s): 0.089
 Concentration (mg/L): 0.026

Time: 10:03
 Peak Height (A): 0.196
 Background Pk Height (A): 0.339

Mean Conc (mg/L): 0.026

SD: 0.0003

RSD(%): 1.05

As ID: +.020

Seq. No.: 00041

A/S Pos.: 2

Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.154
 Background Pk Area (A-s): 0.335
 Blank Corrected Pk Area (A-s): 0.147
 Concentration (mg/L): 0.043

Time: 10:05
 Peak Height (A): 0.317
 Background Pk Height (A): 0.330

Replicate 2
 Peak Area (A-s): 0.157
 Background Pk Area (A-s): 0.340
 Blank Corrected Pk Area (A-s): 0.150
 Concentration (mg/L): 0.043

Time: 10:07
 Peak Height (A): 0.325
 Background Pk Height (A): 0.331

Mean Conc (mg/L): 0.043

SD: 0.0006

RSD(%): 1.32

As ID: CCVF4

Seq. No.: 00042

A/S Pos.: 3

Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.219
 Background Pk Area (A-s): 0.032
 Blank Corrected Pk Area (A-s): 0.212
 Concentration (mg/L): 0.061

Time: 10:09
 Peak Height (A): 0.441
 Background Pk Height (A): 0.055

Replicate 2
 Peak Area (A-s): 0.220
 Background Pk Area (A-s): 0.023
 Blank Corrected Pk Area (A-s): 0.214
 Concentration (mg/L): 0.061

Time: 10:10
 Peak Height (A): 0.424
 Background Pk Height (A): 0.038

Mean Conc (mg/L): 0.061

SD: 0.0004

RSD(%): 0.64

As ID: CCB4

Seq. No.: 00043

A/S Pos.: 4

Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.001
 Background Pk Area (A-s): 0.007
 Blank Corrected Pk Area (A-s): -0.006
 Concentration (mg/L): -0.001

Time: 10:12
 Peak Height (A): 0.010
 Background Pk Height (A): 0.010

Replicate 2
 Peak Area (A-s): 0.005
 Background Pk Area (A-s): 0.006
 Blank Corrected Pk Area (A-s): -0.002
 Concentration (mg/L): 0.000

Time: 10:14
 Peak Height (A): 0.014
 Background Pk Height (A): 0.010

Mean Conc (mg/L): -0.000

SD: 0.0007

RSD(%): 421.40

As ID: 9945+0

Seq. No.: 00044

A/S Pos.: 16

Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.160
 Background Pk Area (A-s): 0.110
 Blank Corrected Pk Area (A-s): 0.153
 Concentration (mg/L): 0.044

Time: 10:19
 Peak Height (A): 0.296
 Background Pk Height (A): 0.113

As ID: +.010

Seq. No.: 00045

A/S Pos.: 17

Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.184
Background Pk Area (A-s): 0.109
Blank Corrected Pk Area (A-s): 0.177
Concentration (mg/L): 0.051

Time: 10:20
Peak Height (A): 0.332
Background Pk Height (A): 0.117

As ID: +.020 Seq. No.: 00046 A/S Pos.: 18 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.195
Background Pk Area (A-s): 0.112
Blank Corrected Pk Area (A-s): 0.188
Concentration (mg/L): 0.054

Time: 10:22
Peak Height (A): 0.345
Background Pk Height (A): 0.111

As ID: +.030 Seq. No.: 00047 A/S Pos.: 19 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.216
Background Pk Area (A-s): 0.113
Blank Corrected Pk Area (A-s): 0.209
Concentration (mg/L): 0.060

Time: 10:24
Peak Height (A): 0.389
Background Pk Height (A): 0.119

As ID: 9945+0 Seq. No.: 00048 A/S Pos.: 16 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.157
Background Pk Area (A-s): 0.113
Blank Corrected Pk Area (A-s): 0.150
Concentration (mg/L): 0.043

Time: 10:26
Peak Height (A): 0.280
Background Pk Height (A): 0.107

As ID: +.010 Seq. No.: 00049 A/S Pos.: 17 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.177
Background Pk Area (A-s): 0.114
Blank Corrected Pk Area (A-s): 0.170
Concentration (mg/L): 0.049

Time: 10:28
Peak Height (A): 0.316
Background Pk Height (A): 0.113

As ID: +.020 Seq. No.: 00050 A/S Pos.: 18 Date: 09/07/93

Peak Area (A-s): 0.196
Background Pk Area (A-s): 0.114
Blank Corrected Pk Area (A-s): 0.189
Concentration (mg/L): 0.054

Peak Height (A): 0.330
Background Pk Height (A): 0.116 **1262**

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As ID: +.030 Seq. No.: 00051 A/S Pos.: 19 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.209  
Background Pk Area (A-s): 0.109  
Blank Corrected Pk Area (A-s): 0.202  
Concentration (mg/L ): 0.058

Time: 10:31  
Peak Height (A): 0.370  
Background Pk Height (A): 0.116

As ID: 9946+0 Seq. No.: 00052 A/S Pos.: 16 Date: 09/07/93

Replicate 1 Time: 10:34  
Peak Area (A-s): 0.088 Peak Height (A): 0.171  
Background Pk Area (A-s): 0.145 Background Pk Height (A): 0.145  
Blank Corrected Pk Area (A-s): 0.081  
Concentration (mg/L ): 0.024

As ID: +.010 Seq. No.: 00053 A/S Pos.: 17 Date: 09/07/93

Replicate 1 Time: 10:36  
Peak Area (A-s): 0.114 Peak Height (A): 0.220  
Background Pk Area (A-s): 0.141 Background Pk Height (A): 0.146  
Blank Corrected Pk Area (A-s): 0.108  
Concentration (mg/L ): 0.031

As ID: +.020 Seq. No.: 00054 A/S Pos.: 18 Date: 09/07/93

Replicate 1 Time: 10:38  
Peak Area (A-s): 0.139 Peak Height (A): 0.281  
Background Pk Area (A-s): 0.142 Background Pk Height (A): 0.147  
Blank Corrected Pk Area (A-s): 0.132  
Concentration (mg/L ): 0.038

As ID: +.030 Seq. No.: 00055 A/S Pos.: 19 Date: 09/07/93

Replicate 1 Time: 10:39  
Peak Area (A-s): 0.161 Peak Height (A): 0.320  
Background Pk Area (A-s): 0.136 Background Pk Height (A): 0.145  
Blank Corrected Pk Area (A-s): 0.154  
Concentration (mg/L ): 0.044

As ID: 9949+0 Seq. No.: 00056 A/S Pos.: 16 Date: 09/07/93

Replicate 1 Time: 10:44  
Peak Area (A-s): 0.091 Peak Height (A): 0.174  
Background Pk Area (A-s): 0.135 Background Pk Height (A): 0.137  
Blank Corrected Pk Area (A-s): 0.084  
Concentration (mg/L ): 0.025

Replicate 1  
Peak Area (A-s): 0.117  
Background Pk Area (A-s): 0.133  
Blank Corrected Pk Area (A-s): 0.110  
Concentration (mg/L ): 0.032

Time: 10:45  
Peak Height (A): 0.230  
Background Pk Height (A): 0.130

**1264**

As ID: +.020

Seq. No.: 00058

A/S Pos.: 18

Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.140

Time: 10:47  
Peak Height (A): 0.277

Background Pk Area (A-s): 0.132  
Blank Corrected Pk Area (A-s): 0.133  
Concentration (mg/L ): 0.039

Background Pk Height (A): 0.135

As ID: +.030

Seq. No.: 00059

A/S Pos.: 19

Date: 09/07/93

Replicate 1

Peak Area (A-s): 0.161  
Background Pk Area (A-s): 0.133  
Blank Corrected Pk Area (A-s): 0.154  
Concentration (mg/L ): 0.044

Time: 10:49

Peak Height (A): 0.313  
Background Pk Height (A): 0.134

As ID: CCVF5

Seq. No.: 00060

A/S Pos.: 3

Date: 09/07/93

Replicate 1

Peak Area (A-s): 0.218  
Background Pk Area (A-s): 0.025  
Blank Corrected Pk Area (A-s): 0.211  
Concentration (mg/L ): 0.060

Time: 10:52

Peak Height (A): 0.422  
Background Pk Height (A): 0.042

Replicate 2

Peak Area (A-s): 0.212  
Background Pk Area (A-s): 0.026  
Blank Corrected Pk Area (A-s): 0.206  
Concentration (mg/L ): 0.059

Time: 10:54

Peak Height (A): 0.405  
Background Pk Height (A): 0.039

Mean Conc (mg/L ): 0.060

SD: 0.0010

RSD(%): 1.73

As ID: CCB5

Seq. No.: 00061

A/S Pos.: 4

Date: 09/07/93

Replicate 1

Peak Area (A-s): 0.007  
Background Pk Area (A-s): 0.008  
Blank Corrected Pk Area (A-s): 0.001  
Concentration (mg/L ): 0.001

Time: 10:56

Peak Height (A): 0.011  
Background Pk Height (A): 0.013

Replicate 2

Peak Area (A-s): 0.006  
Background Pk Area (A-s): 0.004  
Blank Corrected Pk Area (A-s): -0.001  
Concentration (mg/L ): 0.001

Time: 10:57

Peak Height (A): 0.011  
Background Pk Height (A): 0.012

Mean Conc (mg/L ): 0.001

SD: 0.0003

RSD(%): 36.44

FURNACE#: 1

DATA FILE #: 1090786A

# REPLICATE SHOTS: 2

DETECTION LIMIT: .002

| TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS  | TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS |
|--------|-------|-------------|----------|--------------------|-----------|--------|-------|-------------|----------|--------------------|----------|
| -      | -     | BLANK       |          |                    | CALIBRATE | 25     | CC05  | BLK         |          | <                  |          |
| -      | -     | STD 1       |          |                    | CALIBRATE | 26     |       |             |          |                    |          |
| -      | -     | STD 2       |          |                    | CALIBRATE | 27     |       |             |          |                    |          |
| -      | -     | STD 3       |          |                    | CALIBRATE | 28     |       |             |          |                    |          |
| 1      | IC0F  | R-10        | 1:10     | .069               | 0.690     | 29     |       |             |          |                    |          |
| 2      | IC0   | B1K         |          | <                  |           | 30     |       |             |          |                    |          |
| 3      | CR4   | .003        |          | .002               |           | 31     |       |             |          |                    |          |
| 4      | CC01  | R-10        | 1:10     | .070               | 0.700     | 32     |       |             |          |                    |          |
| 5      | CC01  | B1K         |          | <                  |           | 33     |       |             |          |                    |          |
| 6      | CC05  | 9935        | 1:10     | .057               | 0.570     | 34     |       |             |          |                    |          |
| 7      |       | +010        |          | .063               | 60%       | 35     |       |             |          |                    |          |
| 8      | P03   | 9934        |          | <                  |           |        |       |             |          |                    |          |
| 9      |       | +010        |          | .010               | 100%      |        |       |             |          |                    |          |
| 10     |       | 9941        |          | .065               |           |        |       |             |          |                    |          |
| 11     |       | +010        |          | .019               | 140%      |        |       |             |          |                    |          |
| 12     |       | 9942        |          | .078               |           |        |       |             |          |                    |          |
| 13     |       | +010        |          | .084               | 60%       |        |       |             |          |                    |          |
| 14     | CC02  | R-10        | 1:10     | .074               | 0.740     |        |       |             |          |                    |          |
| 15     | CC02  | B1K         |          | <                  |           |        |       |             |          |                    |          |
| 16     |       | 9942        |          | .075               |           |        |       |             |          |                    |          |
| 17     |       | +005        |          | .078               |           |        |       |             |          |                    |          |
| 18     |       | +010        |          | .084               |           |        |       |             |          |                    |          |
| 19     |       | +015        |          | .084               |           |        |       |             |          |                    |          |
| 20     |       | 9942        |          | .076               |           |        |       |             |          |                    |          |
| 21     |       | +005        |          | .080               |           |        |       |             |          |                    |          |
| 22     |       | +010        |          | .085               |           |        |       |             |          |                    |          |
| 23     |       | +015        |          | .085               |           |        |       |             |          |                    |          |
| 24     | CC03  | R-10        | 1:10     | .073               | 0.730     |        |       |             |          |                    |          |

COEF = 94216  
X = 0.111

COEF = 9487  
X = 0.126

1266



Background Pk Area (A-s): 0.270  
Blank Corrected Pk Area (A-s): 0.164  
Concentration (mg/L ): 0.030

Background Pk Height (A): 0.121

Mean Conc (mg/L ): 0.029

SD: 0.0004

RSD(%): 1.36

Standard number 2 applied. [0.050]

Correlation coefficient: 0.99763

Slope: 3.1568

Int: 0.006

Pb ID: Standard 3

Seq. No.: 00004

A/S Pos.: 40

Date: 09/07/93

Replicate 1

Time: 18:44

Peak Area (A-s): 0.316

Peak Height (A): 0.641

Background Pk Area (A-s): 0.253

Background Pk Height (A): 0.232

Blank Corrected Pk Area (A-s): 0.317

Concentration (mg/L ): 0.099

Replicate 2

Time: 18:46

Peak Area (A-s): 0.313

Peak Height (A): 0.643

Background Pk Area (A-s): 0.254

Background Pk Height (A): 0.228

Blank Corrected Pk Area (A-s): 0.314

Concentration (mg/L ): 0.098

Mean Conc (mg/L ): 0.098

SD: 0.0008

RSD(%): 0.77

Standard number 3 applied. [0.100]

Correlation coefficient: 0.99938

Slope: 3.1033

Int: 0.006

Pb ID: ICVF

Seq. No.: 00005

A/S Pos.: 1

Date: 09/07/93

Replicate 1

Time: 18:48

Peak Area (A-s): 0.220

Peak Height (A): 0.476

Background Pk Area (A-s): 0.272

Background Pk Height (A): 0.159

Blank Corrected Pk Area (A-s): 0.221

Concentration (mg/L ): 0.069

Replicate 2

Time: 18:50

Peak Area (A-s): 0.220

Peak Height (A): 0.477

Background Pk Area (A-s): 0.243

Background Pk Height (A): 0.154

Blank Corrected Pk Area (A-s): 0.221

Concentration (mg/L ): 0.069

Mean Conc (mg/L ): 0.069

SD: 0.0001

RSD(%): 0.15

Pb ID: ICB

Seq. No.: 00006

A/S Pos.: 2

Date: 09/07/93

Replicate 1

Time: 18:53

Peak Area (A-s): -0.001

Peak Height (A): 0.004

Background Pk Area (A-s): 0.152

Background Pk Height (A): 0.059

Blank Corrected Pk Area (A-s): 0.000

Concentration (mg/L ): -0.002

Replicate 2

Time: 18:55

Peak Area (A-s): -0.000

Peak Height (A): 0.004

Background Pk Area (A-s): 0.140

Background Pk Height (A): 0.058

Blank Corrected Pk Area (A-s): 0.001

Concentration (mg/L ): -0.002

Mean Conc (mg/L ): -0.002 SD: 0.0001 RSD(%): 5.22

Pb ID: CRA Seq. No.: 00007 A/S Pos.: 3 Date: 09/07/93

Replicate 1 Time: 18:57  
 Peak Area (A-s): 0.011 Peak Height (A): 0.031  
 Background Fk Area (A-s): 0.167 Background Fk Height (A): 0.097  
 Blank Corrected Fk Area (A-s): 0.012  
 Concentration (mg/L ): 0.002

Replicate 2 Time: 18:59  
 Peak Area (A-s): 0.011 Peak Height (A): 0.030  
 Background Fk Area (A-s): 0.142 Background Fk Height (A): 0.094  
 Blank Corrected Fk Area (A-s): 0.012  
 Concentration (mg/L ): 0.002

Mean Conc (mg/L ): 0.002 SD: 0.0001 RSD(%): 4.95

Pb ID: CCVF1 Seq. No.: 00008 A/S Pos.: 4 Date: 09/07/93

Replicate 1 Time: 19:01  
 Peak Area (A-s): 0.219 Peak Height (A): 0.467  
 Background Fk Area (A-s): 0.225 Background Fk Height (A): 0.152  
 Blank Corrected Fk Area (A-s): 0.220  
 Concentration (mg/L ): 0.069

Replicate 2 Time: 19:04  
 Peak Area (A-s): 0.224 Peak Height (A): 0.476  
 Background Fk Area (A-s): 0.229 Background Fk Height (A): 0.154  
 Blank Corrected Fk Area (A-s): 0.225  
 Concentration (mg/L ): 0.070

Mean Conc (mg/L ): 0.070 SD: 0.0010 RSD(%): 1.48

Pb ID: CCE1 Seq. No.: 00009 A/S Pos.: 5 Date: 09/07/93

Replicate 1 Time: 19:06  
 Peak Area (A-s): 0.000 Peak Height (A): 0.005  
 Background Fk Area (A-s): 0.126 Background Fk Height (A): 0.056  
 Blank Corrected Fk Area (A-s): 0.001  
 Concentration (mg/L ): -0.002

Replicate 2 Time: 19:08  
 Peak Area (A-s): 0.000 Peak Height (A): 0.004  
 Background Fk Area (A-s): 0.120 Background Fk Height (A): 0.057  
 Blank Corrected Fk Area (A-s): 0.001  
 Concentration (mg/L ): -0.002

Mean Conc (mg/L ): -0.002 SD: 0.0000 RSD(%): 2.79

Pb ID: 9935 @ 1:10 Seq. No.: 00010 A/S Pos.: 6 Date: 09/07/93

Replicate 1 Time: 19:10

Peak Area (A-s): 0.180  
Background Pk Area (A-s): 0.172  
Blank Corrected Pk Area (A-s): 0.181  
Concentration (mg/L ): 0.056

Peak Height (A): 0.411  
Background Pk Height (A): 0.126

Replicate 2  
Peak Area (A-s): 0.181  
Background Pk Area (A-s): 0.172  
Blank Corrected Pk Area (A-s): 0.182  
Concentration (mg/L ): 0.057

Time: 19:12  
Peak Height (A): 0.417  
Background Pk Height (A): 0.126

Mean Conc (mg/L ): 0.057 SD: 0.0002 RSD(%): 0.29

~~~~~  
Pb ID: +.010 Seq. No.: 00011 A/S Pos.: 7 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.201
Background Pk Area (A-s): 0.181
Blank Corrected Pk Area (A-s): 0.202
Concentration (mg/L): 0.063

Time: 19:15
Peak Height (A): 0.453
Background Pk Height (A): 0.141

Replicate 2
Peak Area (A-s): 0.201
Background Pk Area (A-s): 0.180
Blank Corrected Pk Area (A-s): 0.202
Concentration (mg/L): 0.063

Time: 19:17
Peak Height (A): 0.454
Background Pk Height (A): 0.141

Mean Conc (mg/L): 0.063 SD: 0.0001 RSD(%): 0.19

~~~~~  
Pb ID: 9934 Seq. No.: 00012 A/S Pos.: 8 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.002  
Background Pk Area (A-s): 0.053  
Blank Corrected Pk Area (A-s): 0.003  
Concentration (mg/L ): -0.001

Time: 19:19  
Peak Height (A): 0.009  
Background Pk Height (A): 0.035

Replicate 2  
Peak Area (A-s): -0.001  
Background Pk Area (A-s): 0.059  
Blank Corrected Pk Area (A-s): 0.000  
Concentration (mg/L ): -0.002

Time: 19:22  
Peak Height (A): 0.007  
Background Pk Height (A): 0.038

Mean Conc (mg/L ): -0.002 SD: 0.0007 RSD(%): 42.96

~~~~~  
Pb ID: +.010 Seq. No.: 00013 A/S Pos.: 9 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.037
Background Pk Area (A-s): 0.170
Blank Corrected Pk Area (A-s): 0.038
Concentration (mg/L): 0.010

Time: 19:24
Peak Height (A): 0.088
Background Pk Height (A): 0.086

Replicate 2
Peak Area (A-s): 0.037
Background Pk Area (A-s): 0.163

Time: 19:26
Peak Height (A): 0.087
Background Pk Height (A): 0.090

Blank Corrected Pk Area (A-s): 0.038
Concentration (mg/L): 0.010

Mean Conc (mg/L): 0.010 SD: 0.0001 RSD(%): 0.70

~~~~~  
Pb ID: 9941 Seq. No.: 00014 A/S Pos.: 10 Date: 09/07/93

Replicate 1 Time: 19:28  
Peak Area (A-s): 0.019 Peak Height (A): 0.053  
Background Pk Area (A-s): 0.252 Background Pk Height (A): 0.083  
Blank Corrected Pk Area (A-s): 0.020  
Concentration (mg/L ): 0.004

Replicate 2 Time: 19:31  
Peak Area (A-s): 0.020 Peak Height (A): 0.052  
Background Pk Area (A-s): 0.251 Background Pk Height (A): 0.084  
Blank Corrected Pk Area (A-s): 0.021  
Concentration (mg/L ): 0.005

Mean Conc (mg/L ): 0.005 SD: 0.0004 RSD(%): 8.08

~~~~~  
Pb ID: +.010 Seq. No.: 00015 A/S Pos.: 11 Date: 09/07/93

Replicate 1 Time: 19:33
Peak Area (A-s): 0.065 Peak Height (A): 0.144
Background Pk Area (A-s): 0.120 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.066
Concentration (mg/L): 0.019

Replicate 2 Time: 19:36
Peak Area (A-s): 0.067 Peak Height (A): 0.143
Background Pk Area (A-s): 0.131 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.067
Concentration (mg/L): 0.020

Mean Conc (mg/L): 0.019 SD: 0.0004 RSD(%): 2.17

~~~~~  
Pb ID: 9942 Seq. No.: 00016 A/S Pos.: 12 Date: 09/07/93

Replicate 1 Time: 19:38  
Peak Area (A-s): 0.245 Peak Height (A): 0.502  
Background Pk Area (A-s): 0.281 Background Pk Height (A): 0.169  
Blank Corrected Pk Area (A-s): 0.246  
Concentration (mg/L ): 0.077

Replicate 2 Time: 19:40  
Peak Area (A-s): 0.249 Peak Height (A): 0.496  
Background Pk Area (A-s): 0.286 Background Pk Height (A): 0.166  
Blank Corrected Pk Area (A-s): 0.250  
Concentration (mg/L ): 0.079

Mean Conc (mg/L ): 0.078 SD: 0.0008 RSD(%): 1.07

~~~~~  
Pb ID: +.010 Seq. No.: 00017 A/S Pos.: 13 Date: 09/07/93

Pb ID: CCVF3 Seq. No.: 00029 A/S Pos.: 24 Date: 09/07/93

Replicate 1 Time: 20:21
Peak Area (A-s): 0.232 Peak Height (A): 0.478
Background Pk Area (A-s): 0.292 Background Pk Height (A): 0.154
Blank Corrected Pk Area (A-s): 0.233
Concentration (mg/L): 0.073

Replicate 2 Time: 20:24
Peak Area (A-s): 0.234 Peak Height (A): 0.484
Background Pk Area (A-s): 0.304 Background Pk Height (A): 0.163
Blank Corrected Pk Area (A-s): 0.234
Concentration (mg/L): 0.074

Mean Conc (mg/L): 0.073 SD: 0.0004 RSD(%): 0.61

Pb ID: CCE3 Seq. No.: 00030 A/S Pos.: 25 Date: 09/07/93

Replicate 1 Time: 20:26
Peak Area (A-s): -0.003 Peak Height (A): 0.004
Background Pk Area (A-s): 0.151 Background Pk Height (A): 0.068
Blank Corrected Pk Area (A-s): -0.002
Concentration (mg/L): -0.003

Replicate 2 Time: 20:28
Peak Area (A-s): -0.001 Peak Height (A): 0.006
Background Pk Area (A-s): 0.138 Background Pk Height (A): 0.066
Blank Corrected Pk Area (A-s): -0.000
Concentration (mg/L): -0.002

Mean Conc (mg/L): -0.002 SD: 0.0004 RSD(%): 18.20

K m 9/7/93

FURNACE#: 2

DATA FILE #: 309077A

REPLICATE SHOTS: 2

DETECTION LIMIT: .003

| TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS | TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS |
|--------|--------------------------|-------------|----------|--------------------|-----------|--------|-------|-------------|----------|--------------------|----------|
| - | - | BLANK | | | CALIBRATE | 25 | | 7.020 | | .022 | 110% |
| - | - | STD 1 | | | CALIBRATE | 26 | | 9946 | | L | |
| - | - | STD 2 | | | CALIBRATE | 27 | | 7.020 | | .021 | 105% |
| - | - | STD 3 | | | CALIBRATE | 28 | CCCF3 | R-10 | 1:10 | .060 | 0.600 |
| 1 | JCF | R-10 | 1:10 | .061 | 0.600 | 29 | CCB3 | B1K | | L | |
| 2 | JCB | B1K | | L | | 30 | | 9947 | | L | |
| 3 | JRA | .010 | | .011 | | 31 | | 7.010 | | .021 | 105% |
| 4 | CCCF1 | R-10 | 1:10 | .062 | 0.620 | 32 | | 9948 | | L | |
| 5 | CCB1 | B1K | | L | | 33 | | 7.010 | | .021 | 105% |
| 6 | ⁶⁵³ 932676 | 9935 | 1:10 | .042 | 0.420 | 34 | | 9949 | | L | |
| 7 | | 7.020 | ↓ | .060 | 90% | 35 | | 7.010 | | .021 | 105% |
| 8 | PDS | 9934 | | L | | 1 | | 9950 | | L | |
| 9 | | 7.020 | | .021 | 105% | 2 | | 7.010 | | .023 | 115% |
| 10 | | 9941 | | L | | 3 | CCCF4 | R-10 | 1:10 | .061 | 0.610 |
| 11 | | 7.020 | | .021 | 105% | 4 | CCB4 | B1K | | L | |
| 12 | | 9942 | | L | | | | | | | |
| 13 | | 7.020 | | .020 | 100% | | | | | | |
| 14 | ⁶⁵³ 932665 | 9952 | 1:10 | .042 | 0.420 | | | | | | |
| 15 | | 7.020 | ↓ | .059 | 85% | | | | | | |
| 16 | CCCF2 | R-10 | ↓ | .061 | 0.610 | | | | | | |
| 17 | CCB2 | B1K | | L | | | | | | | |
| 18 | PDS | 9951 | | L | | | | | | | |
| 19 | | 7.020 | | .022 | 110% | | | | | | |
| 20 | | 9943 | | L | | | | | | | |
| 21 | | 7.020 | | .021 | 105% | | | | | | |
| 22 | | 9944 | | L | | | | | | | |
| 23 | | 7.020 | | .021 | 105% | | | | | | |
| 24 | | 9945 | | L | | | | | | | |

11275

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Element File: TL.GEL          Element: Tl          Wavelength: 276.8
Date: 09/07/93              Time: 21:56         Slit: 0.7
Data File: 30907TLA.DAT     ID/Wt File: UNTITLED Lamp Current: 10
Technique: HGA               Calib. Type: Linear Energy: 64
Remark 1: Analyst: JAC/KM
Remark 2: Furnace #3
Remark 3: Detection limit: 0.003 mg/l
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Tl      ID: Blank              Seq. No.: 00001     A/S Pos.: 37       Date: 09/07/93

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Replicate 1                    Time: 21:56
Peak Area (A-s): 0.001         Peak Height (A): 0.007
Background Pk Area (A-s): 0.065 Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.018
Concentration (mg/L ): 0.003

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Replicate 2                    Time: 21:58
Peak Area (A-s): -0.001       Peak Height (A): 0.006
Background Pk Area (A-s): 0.031 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.017
Concentration (mg/L ): 0.003

```

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Mean Conc (mg/L ):          0.003          SD: 0.0002          RSD(%): 5.91

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Auto-zero performed.

```

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Tl      ID: Standard 1        Seq. No.: 00002     A/S Pos.: 38       Date: 09/07/93

```

```

Replicate 1                    Time: 22:00
Peak Area (A-s): 0.029       Peak Height (A): 0.038
Background Pk Area (A-s): 0.090 Background Pk Height (A): 0.087
Blank Corrected Pk Area (A-s): 0.029
Concentration (mg/L ): 0.005

```

```

Replicate 2                    Time: 22:03
Peak Area (A-s): 0.031       Peak Height (A): 0.036
Background Pk Area (A-s): 0.093 Background Pk Height (A): 0.089
Blank Corrected Pk Area (A-s): 0.031
Concentration (mg/L ): 0.006

```

```

Mean Conc (mg/L ):          0.005          SD: 0.0003          RSD(%): 5.82

```

```

Standard number 1 applied. [0.010]
Correlation coefficient: 1.00000      Slope: 3.0090      Int: 0.000

```

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Tl      ID: Standard 2        Seq. No.: 00003     A/S Pos.: 39       Date: 09/07/93

```

```

Replicate 1                    Time: 22:05
Peak Area (A-s): 0.129       Peak Height (A): 0.143
Background Pk Area (A-s): 0.195 Background Pk Height (A): 0.175
Blank Corrected Pk Area (A-s): 0.129
Concentration (mg/L ): 0.043

```

```

Replicate 2                    Time: 22:07
Peak Area (A-s): 0.130       Peak Height (A): 0.143

```

Background Pk Area (A-s): 0.192
Blank Corrected Pk Area (A-s): 0.130
Concentration (mg/L): 0.043

Background Pk Height (A): 0.170

Mean Conc (mg/L): 0.043

SD: 0.0002

RSD(%): 0.50

Standard number 2 applied. [0.050]
Correlation coefficient: 0.99946

Slope: 2.5693

Int: 0.002

~~~~~  
TL ID: Standard 3 Seq. No.: 00004 A/S Pos.: 40 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.260  
Background Pk Area (A-s): 0.280  
Blank Corrected Pk Area (A-s): 0.260  
Concentration (mg/L ): 0.101

Time: 22:09  
Peak Height (A): 0.253  
Background Pk Height (A): 0.270

Replicate 2  
Peak Area (A-s): 0.260  
Background Pk Area (A-s): 0.277  
Blank Corrected Pk Area (A-s): 0.260  
Concentration (mg/L ): 0.100

Time: 22:11  
Peak Height (A): 0.250  
Background Pk Height (A): 0.266

Mean Conc (mg/L ): 0.100

SD: 0.0002

RSD(%): 0.16

Standard number 3 applied. [0.100]  
Correlation coefficient: 0.99988

Slope: 2.5811

Int: 0.002

~~~~~  
TL ID: ICFV Seq. No.: 00005 A/S Pos.: 1 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.161
Background Pk Area (A-s): 0.187
Blank Corrected Pk Area (A-s): 0.161
Concentration (mg/L): 0.062

Time: 22:14
Peak Height (A): 0.153
Background Pk Height (A): 0.162

Replicate 2
Peak Area (A-s): 0.159
Background Pk Area (A-s): 0.183
Blank Corrected Pk Area (A-s): 0.159
Concentration (mg/L): 0.061

Time: 22:16
Peak Height (A): 0.155
Background Pk Height (A): 0.163

Mean Conc (mg/L): 0.061

SD: 0.0005

RSD(%): 0.89

~~~~~  
TL ID: ICB Seq. No.: 00006 A/S Pos.: 2 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.002  
Background Pk Area (A-s): 0.032  
Blank Corrected Pk Area (A-s): 0.002  
Concentration (mg/L ): 0.000

Time: 22:18  
Peak Height (A): 0.007  
Background Pk Height (A): 0.033

Replicate 2  
Peak Area (A-s): 0.003  
Background Pk Area (A-s): 0.030  
Blank Corrected Pk Area (A-s): 0.003

Time: 22:20  
Peak Height (A): 0.007  
Background Pk Height (A): 0.031

Concentration (mg/L ): 0.000

Mean Conc (mg/L ): 0.000 SD: 0.0002 RSD(%): 83.10

~~~~~  
 T1 ID: CRA Seq. No.: 00007 A/S Pos.: 3 Date: 09/07/93

Replicate 1 Time: 22:22
 Peak Area (A-s): 0.030 Peak Height (A): 0.036
 Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.071
 Blank Corrected Pk Area (A-s): 0.030
 Concentration (mg/L): 0.011

Replicate 2 Time: 22:24
 Peak Area (A-s): 0.031 Peak Height (A): 0.035
 Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.074
 Blank Corrected Pk Area (A-s): 0.031
 Concentration (mg/L): 0.011

Mean Conc (mg/L): 0.011 SD: 0.0001 RSD(%): 0.95

~~~~~  
 T1 ID: CCVF1 Seq. No.: 00008 A/S Pos.: 4 Date: 09/07/93

Replicate 1 Time: 22:26  
 Peak Area (A-s): 0.163 Peak Height (A): 0.155  
 Background Pk Area (A-s): 0.185 Background Pk Height (A): 0.168  
 Blank Corrected Pk Area (A-s): 0.164  
 Concentration (mg/L ): 0.063

Replicate 2 Time: 22:28  
 Peak Area (A-s): 0.161 Peak Height (A): 0.159  
 Background Pk Area (A-s): 0.180 Background Pk Height (A): 0.166  
 Blank Corrected Pk Area (A-s): 0.161  
 Concentration (mg/L ): 0.062

Mean Conc (mg/L ): 0.062 SD: 0.0007 RSD(%): 1.09

~~~~~  
 T1 ID: CCBI Seq. No.: 00009 A/S Pos.: 5 Date: 09/07/93

Replicate 1 Time: 22:30
 Peak Area (A-s): -0.000 Peak Height (A): 0.007
 Background Pk Area (A-s): 0.031 Background Pk Height (A): 0.030
 Blank Corrected Pk Area (A-s): 0.000
 Concentration (mg/L): -0.001

Replicate 2 Time: 22:33
 Peak Area (A-s): -0.000 Peak Height (A): 0.008
 Background Pk Area (A-s): 0.031 Background Pk Height (A): 0.031
 Blank Corrected Pk Area (A-s): -0.000
 Concentration (mg/L): -0.001

Mean Conc (mg/L): -0.001 SD: 0.0000 RSD(%): 6.98

~~~~~  
 T1 ID: 9935 @ 1:10 Seq. No.: 00010 A/S Pos.: 6 Date: 09/07/93

Replicate 1 Time: 22:35

Peak Area (A-s): 0.111  
 Background Pk Area (A-s): 0.136  
 Blank Corrected Pk Area (A-s): 0.111  
 Concentration (mg/L ): 0.042

Peak Height (A): 0.121  
 Background Pk Height (A): 0.123

Replicate 2  
 Peak Area (A-s): 0.110  
 Background Pk Area (A-s): 0.136  
 Blank Corrected Pk Area (A-s): 0.110  
 Concentration (mg/L ): 0.042

Time: 22:37  
 Peak Height (A): 0.122  
 Background Pk Height (A): 0.127

Mean Conc (mg/L ): 0.042 SD: 0.0002 RSD(%): 0.36

~~~~~  
 TL ID: +.020 Seq. No.: 00011 A/S Pos.: 7 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.157
 Background Pk Area (A-s): 0.173
 Blank Corrected Pk Area (A-s): 0.158
 Concentration (mg/L): 0.060

Time: 22:39
 Peak Height (A): 0.160
 Background Pk Height (A): 0.166

Replicate 2
 Peak Area (A-s): 0.156
 Background Pk Area (A-s): 0.174
 Blank Corrected Pk Area (A-s): 0.157
 Concentration (mg/L): 0.060

Time: 22:41
 Peak Height (A): 0.166
 Background Pk Height (A): 0.162

Mean Conc (mg/L): 0.060 SD: 0.0003 RSD(%): 0.43

~~~~~  
 TL ID: ~~++34~~ 9934 Seq. No.: 00012 A/S Pos.: 8 Date: 09/07/93  
                   *KM 9/7/93*

Replicate 1  
 Peak Area (A-s): -0.000  
 Background Pk Area (A-s): 0.132  
 Blank Corrected Pk Area (A-s): -0.000  
 Concentration (mg/L ): -0.001

Time: 22:44  
 Peak Height (A): 0.013  
 Background Pk Height (A): 0.135

Replicate 2  
 Peak Area (A-s): 0.001  
 Background Pk Area (A-s): 0.133  
 Blank Corrected Pk Area (A-s): 0.001  
 Concentration (mg/L ): -0.000

Time: 22:46  
 Peak Height (A): 0.009  
 Background Pk Height (A): 0.133

Mean Conc (mg/L ): -0.000 SD: 0.0005 RSD(%): 100.20

~~~~~  
 TL ID: +.020 Seq. No.: 00013 A/S Pos.: 9 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.060
 Background Pk Area (A-s): 0.140
 Blank Corrected Pk Area (A-s): 0.060
 Concentration (mg/L): 0.023

Time: 22:48
 Peak Height (A): 0.065
 Background Pk Height (A): 0.146

Replicate 2
 Peak Area (A-s): 0.053
 Background Pk Area (A-s): 0.142

Time: 22:50
 Peak Height (A): 0.062
 Background Pk Height (A): 0.151

Blank Corrected Pk Area (A-s): 0.053
Concentration (mg/L): 0.020

Mean Conc (mg/L): 0.021 SD: 0.0019 RSD(%): 8.84

~~~~~  
T1 ID: 9941 Seq. No.: 00014 A/S Pos.: 10 Date: 09/07/93

Replicate 1 Time: 22:52  
Peak Area (A-s): -0.001 Peak Height (A): 0.007  
Background Pk Area (A-s): 0.151 Background Pk Height (A): 0.157  
Blank Corrected Pk Area (A-s): -0.001  
Concentration (mg/L ): -0.001

Replicate 2 Time: 22:55  
Peak Area (A-s): 0.001 Peak Height (A): 0.008  
Background Pk Area (A-s): 0.145 Background Pk Height (A): 0.156  
Blank Corrected Pk Area (A-s): 0.001  
Concentration (mg/L ): -0.000

Mean Conc (mg/L ): -0.001 SD: 0.0004 RSD(%): 60.29

~~~~~  
T1 ID: +.020 Seq. No.: 00015 A/S Pos.: 11 Date: 09/07/93

Replicate 1 Time: 22:57
Peak Area (A-s): 0.055 Peak Height (A): 0.064
Background Pk Area (A-s): 0.157 Background Pk Height (A): 0.163
Blank Corrected Pk Area (A-s): 0.056
Concentration (mg/L): 0.021

Replicate 2 Time: 22:59
Peak Area (A-s): 0.055 Peak Height (A): 0.060
Background Pk Area (A-s): 0.157 Background Pk Height (A): 0.159
Blank Corrected Pk Area (A-s): 0.056
Concentration (mg/L): 0.021

Mean Conc (mg/L): 0.021 SD: 0.0000 RSD(%): 0.05

~~~~~  
T1 ID: 9942 Seq. No.: 00016 A/S Pos.: 12 Date: 09/07/93

Replicate 1 Time: 23:01  
Peak Area (A-s): -0.001 Peak Height (A): 0.008  
Background Pk Area (A-s): 0.156 Background Pk Height (A): 0.148  
Blank Corrected Pk Area (A-s): -0.001  
Concentration (mg/L ): -0.001

Replicate 2 Time: 23:04  
Peak Area (A-s): 0.003 Peak Height (A): 0.007  
Background Pk Area (A-s): 0.153 Background Pk Height (A): 0.141  
Blank Corrected Pk Area (A-s): 0.003  
Concentration (mg/L ): 0.000

Mean Conc (mg/L ): -0.000 SD: 0.0010 RSD(%): 482.09

~~~~~  
T1 ID: +.020 Seq. No.: 00017 A/S Pos.: 13 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.054
 Background Pk Area (A-s): 0.158
 Blank Corrected Pk Area (A-s): 0.054
 Concentration (mg/L): 0.020

Time: 23:06
 Peak Height (A): 0.062
 Background Pk Height (A): 0.160

Replicate 2
 Peak Area (A-s): 0.053
 Background Pk Area (A-s): 0.158
 Blank Corrected Pk Area (A-s): 0.054
 Concentration (mg/L): 0.020

Time: 23:08
 Peak Height (A): 0.067
 Background Pk Height (A): 0.157

Mean Conc (mg/L): 0.020 SD: 0.0000 RSD(%): 0.05

~~~~~  
 T1 ID: 9952 @ 1:10 Seq. No.: 00018 A/S Pos.: 14 Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.110  
 Background Pk Area (A-s): 0.131  
 Blank Corrected Pk Area (A-s): 0.111  
 Concentration (mg/L ): 0.042

Time: 23:10  
 Peak Height (A): 0.134  
 Background Pk Height (A): 0.132

Replicate 2  
 Peak Area (A-s): 0.110  
 Background Pk Area (A-s): 0.130  
 Blank Corrected Pk Area (A-s): 0.110  
 Concentration (mg/L ): 0.042

Time: 23:13  
 Peak Height (A): 0.133  
 Background Pk Height (A): 0.129

Mean Conc (mg/L ): 0.042 SD: 0.0002 RSD(%): 0.57

~~~~~  
 T1 ID: +.020 Seq. No.: 00019 A/S Pos.: 15 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.151
 Background Pk Area (A-s): 0.171
 Blank Corrected Pk Area (A-s): 0.151
 Concentration (mg/L): 0.058

Time: 23:15
 Peak Height (A): 0.174
 Background Pk Height (A): 0.181

Replicate 2
 Peak Area (A-s): 0.154
 Background Pk Area (A-s): 0.170
 Blank Corrected Pk Area (A-s): 0.154
 Concentration (mg/L): 0.059

Time: 23:17
 Peak Height (A): 0.175
 Background Pk Height (A): 0.181

Mean Conc (mg/L): 0.059 SD: 0.0007 RSD(%): 1.26

~~~~~  
 T1 ID: CCVF2 Seq. No.: 00020 A/S Pos.: 16 Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.159  
 Background Pk Area (A-s): 0.179  
 Blank Corrected Pk Area (A-s): 0.160  
 Concentration (mg/L ): 0.061

Time: 23:19  
 Peak Height (A): 0.185  
 Background Pk Height (A): 0.193

Replicate 2  
 Peak Area (A-s): 0.156

Time: 23:21  
 Peak Height (A): 0.186

Background Pk Area (A-s): 0.180                      Background Pk Height (A): 0.193  
Blank Corrected Pk Area (A-s): 0.157  
Concentration (mg/L ): 0.060

Mean Conc (mg/L ):            0.061                      SD: 0.0008                      RSD(%): 1.35

~~~~~  
Tl ID: CCB2 Seq. No.: 00021 A/S Pos.: 17 Date: 09/07/93

Replicate 1 Time: 23:23
Peak Area (A-s): -0.001 Peak Height (A): 0.008
Background Pk Area (A-s): 0.027 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): -0.001
Concentration (mg/L): -0.001

Replicate 2 Time: 23:25
Peak Area (A-s): 0.002 Peak Height (A): 0.007
Background Pk Area (A-s): 0.026 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.002
Concentration (mg/L): 0.000

Mean Conc (mg/L): -0.000 SD: 0.0008 RSD(%): 225.11

~~~~~  
Tl    ID: 9951                      Seq. No.: 00022            A/S Pos.: 18            Date: 09/07/93

Replicate 1                                      Time: 23:28  
Peak Area (A-s): 0.002                      Peak Height (A): 0.010  
Background Pk Area (A-s): 0.110              Background Pk Height (A): 0.112  
Blank Corrected Pk Area (A-s): 0.002  
Concentration (mg/L ): 0.000

Replicate 2                                      Time: 23:30  
Peak Area (A-s): 0.000                      Peak Height (A): 0.008  
Background Pk Area (A-s): 0.117              Background Pk Height (A): 0.115  
Blank Corrected Pk Area (A-s): 0.001  
Concentration (mg/L ): -0.000

Mean Conc (mg/L ):            -0.000                      SD: 0.0005                      RSD(%): 375.91

~~~~~  
Tl ID: +.020 Seq. No.: 00023 A/S Pos.: 19 Date: 09/07/93

Replicate 1 Time: 23:32
Peak Area (A-s): 0.059 Peak Height (A): 0.070
Background Pk Area (A-s): 0.123 Background Pk Height (A): 0.128
Blank Corrected Pk Area (A-s): 0.059
Concentration (mg/L): 0.022

Replicate 2 Time: 23:34
Peak Area (A-s): 0.060 Peak Height (A): 0.070
Background Pk Area (A-s): 0.122 Background Pk Height (A): 0.125
Blank Corrected Pk Area (A-s): 0.060
Concentration (mg/L): 0.023

Mean Conc (mg/L): 0.022 SD: 0.0002 RSD(%): 0.79

~~~~~  
Tl    ID: 9943                      Seq. No.: 00024            A/S Pos.: 20            Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.002  
Background Pk Area (A-s): 0.168  
Blank Corrected Pk Area (A-s): 0.002  
Concentration (mg/L ): 0.000

Time: 23:36  
Peak Height (A): 0.011  
Background Pk Height (A): 0.118

Replicate 2  
Peak Area (A-s): 0.004  
Background Pk Area (A-s): 0.165  
Blank Corrected Pk Area (A-s): 0.004  
Concentration (mg/L ): 0.001

Time: 23:38  
Peak Height (A): 0.008  
Background Pk Height (A): 0.112

Mean Conc (mg/L ): 0.001 SD: 0.0006 RSD(%): 97.39

~~~~~  
Tl ID: +.020 Seq. No.: 00025 A/S Pos.: 21 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.055
Background Pk Area (A-s): 0.208
Blank Corrected Pk Area (A-s): 0.055
Concentration (mg/L): 0.021

Time: 23:40
Peak Height (A): 0.073
Background Pk Height (A): 0.162

Replicate 2
Peak Area (A-s): 0.057
Background Pk Area (A-s): 0.202
Blank Corrected Pk Area (A-s): 0.057
Concentration (mg/L): 0.021

Time: 23:42
Peak Height (A): 0.072
Background Pk Height (A): 0.158

Mean Conc (mg/L): 0.021 SD: 0.0006 RSD(%): 2.70

~~~~~  
Tl ID: 9944 Seq. No.: 00026 A/S Pos.: 22 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.002  
Background Pk Area (A-s): 0.139  
Blank Corrected Pk Area (A-s): 0.002  
Concentration (mg/L ): 0.000

Time: 23:44  
Peak Height (A): 0.009  
Background Pk Height (A): 0.091

Replicate 2  
Peak Area (A-s): 0.004  
Background Pk Area (A-s): 0.135  
Blank Corrected Pk Area (A-s): 0.004  
Concentration (mg/L ): 0.001

Time: 23:46  
Peak Height (A): 0.010  
Background Pk Height (A): 0.089

Mean Conc (mg/L ): 0.001 SD: 0.0006 RSD(%): 96.89

~~~~~  
Tl ID: +.020 Seq. No.: 00027 A/S Pos.: 23 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.056
Background Pk Area (A-s): 0.178
Blank Corrected Pk Area (A-s): 0.056
Concentration (mg/L): 0.021

Time: 23:48
Peak Height (A): 0.073
Background Pk Height (A): 0.139

Replicate 2
Peak Area (A-s): 0.058

Time: 23:51
Peak Height (A): 0.075

Background Pk Area (A-s): 0.174 Background Pk Height (A): 0.135
Blank Corrected Pk Area (A-s): 0.058
Concentration (mg/L): 0.022

Mean Conc (mg/L): 0.021 SD: 0.0005 RSD(%): 2.27

~~~~~  
Tl    ID: 9945                      Seq. No.: 00028                      A/S Pos.: 24                      Date: 09/07/93

Replicate 1                                              Time: 23:53  
Peak Area (A-s): 0.002                                      Peak Height (A): 0.007  
Background Pk Area (A-s): 0.102                              Background Pk Height (A): 0.041  
Blank Corrected Pk Area (A-s): 0.002  
Concentration (mg/L ): 0.000

Replicate 2                                              Time: 23:55  
Peak Area (A-s): -0.002                                      Peak Height (A): 0.008  
Background Pk Area (A-s): 0.105                              Background Pk Height (A): 0.042  
Blank Corrected Pk Area (A-s): -0.002  
Concentration (mg/L ): -0.001

Mean Conc (mg/L ):            -0.001                      SD: 0.0010                      RSD(%): 176.04

~~~~~  
Tl ID: +.020 Seq. No.: 00029 A/S Pos.: 25 Date: 09/07/93

Replicate 1 Time: 23:57
Peak Area (A-s): 0.059 Peak Height (A): 0.075
Background Pk Area (A-s): 0.136 Background Pk Height (A): 0.079
Blank Corrected Pk Area (A-s): 0.059
Concentration (mg/L): 0.022

Replicate 2 Time: 23:59
Peak Area (A-s): 0.057 Peak Height (A): 0.070
Background Pk Area (A-s): 0.140 Background Pk Height (A): 0.080
Blank Corrected Pk Area (A-s): 0.057
Concentration (mg/L): 0.021

Mean Conc (mg/L): 0.022 SD: 0.0005 RSD(%): 2.33

~~~~~  
Tl    ID: 9946                      Seq. No.: 00030                      A/S Pos.: 26                      Date: 09/07/93

Replicate 1                                              Time: 00:01  
Peak Area (A-s): 0.000                                      Peak Height (A): 0.008  
Background Pk Area (A-s): 0.129                              Background Pk Height (A): 0.070  
Blank Corrected Pk Area (A-s): 0.001  
Concentration (mg/L ): -0.000

Replicate 2                                              Time: 00:04  
Peak Area (A-s): 0.001                                      Peak Height (A): 0.009  
Background Pk Area (A-s): 0.129                              Background Pk Height (A): 0.070  
Blank Corrected Pk Area (A-s): 0.001  
Concentration (mg/L ): -0.000

Mean Conc (mg/L ):            -0.000                      SD: 0.0002                      RSD(%): 65.31

~~~~~  
Tl ID: +.020 Seq. No.: 00031 A/S Pos.: 27 Date: 09/08/93

Replicate 1
 Peak Area (A-s): 0.057
 Background Pk Area (A-s): 0.168
 Blank Corrected Pk Area (A-s): 0.058
 Concentration (mg/L): 0.022

Time: 00:06
 Peak Height (A): 0.075
 Background Pk Height (A): 0.118

Replicate 2
 Peak Area (A-s): 0.055
 Background Pk Area (A-s): 0.167
 Blank Corrected Pk Area (A-s): 0.055
 Concentration (mg/L): 0.021

Time: 00:08
 Peak Height (A): 0.071
 Background Pk Height (A): 0.124

Mean Conc (mg/L): 0.021 SD: 0.0006 RSD(%): 3.05

~~~~~  
 T1 ID: CCFV3 Seq. No.: 00032 A/S Pos.: 28 Date: 09/08/93

Replicate 1  
 Peak Area (A-s): 0.156  
 Background Pk Area (A-s): 0.178  
 Blank Corrected Pk Area (A-s): 0.157  
 Concentration (mg/L ): 0.060

Time: 00:10  
 Peak Height (A): 0.196  
 Background Pk Height (A): 0.204

Replicate 2  
 Peak Area (A-s): 0.156  
 Background Pk Area (A-s): 0.178  
 Blank Corrected Pk Area (A-s): 0.156  
 Concentration (mg/L ): 0.060

Time: 00:13  
 Peak Height (A): 0.197  
 Background Pk Height (A): 0.199

Mean Conc (mg/L ): 0.060 SD: 0.0002 RSD(%): 0.26

~~~~~  
 T1 ID: CCB3 Seq. No.: 00033 A/S Pos.: 29 Date: 09/08/93

Replicate 1
 Peak Area (A-s): 0.000
 Background Pk Area (A-s): 0.028
 Blank Corrected Pk Area (A-s): 0.001
 Concentration (mg/L): -0.000

Time: 00:15
 Peak Height (A): 0.009
 Background Pk Height (A): 0.023

Replicate 2
 Peak Area (A-s): 0.000
 Background Pk Area (A-s): 0.028
 Blank Corrected Pk Area (A-s): 0.000
 Concentration (mg/L): -0.001

Time: 00:17
 Peak Height (A): 0.007
 Background Pk Height (A): 0.023

Mean Conc (mg/L): -0.001 SD: 0.0001 RSD(%): 16.50

~~~~~  
 T1 ID: 9947 Seq. No.: 00034 A/S Pos.: 30 Date: 09/08/93

Replicate 1  
 Peak Area (A-s): -0.000  
 Background Pk Area (A-s): 0.122  
 Blank Corrected Pk Area (A-s): -0.000  
 Concentration (mg/L ): -0.001

Time: 00:19  
 Peak Height (A): 0.008  
 Background Pk Height (A): 0.078

Replicate 2  
 Peak Area (A-s): 0.001

Time: 00:21  
 Peak Height (A): 0.006

Background Pk Area (A-s): 0.120                      Background Pk Height (A): 0.076  
Blank Corrected Pk Area (A-s): 0.001  
Concentration (mg/L ): -0.000

Mean Conc (mg/L ):                      -0.001                      SD: 0.0003                      RSD(%): 52.19

~~~~~  
Fl ID: +.020 Seq. No.: 00035 A/S Pos.: 31 Date: 09/08/93

Replicate 1 Time: 00:24
Peak Area (A-s): 0.059 Peak Height (A): 0.080
Background Pk Area (A-s): 0.158 Background Pk Height (A): 0.124
Blank Corrected Pk Area (A-s): 0.059
Concentration (mg/L): 0.022

Replicate 2 Time: 00:26
Peak Area (A-s): 0.054 Peak Height (A): 0.073
Background Pk Area (A-s): 0.156 Background Pk Height (A): 0.123
Blank Corrected Pk Area (A-s): 0.054
Concentration (mg/L): 0.020

Mean Conc (mg/L): 0.021 SD: 0.0013 RSD(%): 6.12

~~~~~  
Fl      ID: 9948                      Seq. No.: 00036                      A/S Pos.: 32                      Date: 09/08/93

Replicate 1                                      Time: 00:28  
Peak Area (A-s): 0.004                      Peak Height (A): 0.011  
Background Pk Area (A-s): 0.086                      Background Pk Height (A): 0.039  
Blank Corrected Pk Area (A-s): 0.004  
Concentration (mg/L ): 0.001

Replicate 2                                      Time: 00:30  
Peak Area (A-s): 0.002                      Peak Height (A): 0.007  
Background Pk Area (A-s): 0.088                      Background Pk Height (A): 0.038  
Blank Corrected Pk Area (A-s): 0.002  
Concentration (mg/L ): 0.000

Mean Conc (mg/L ):                      0.001                      SD: 0.0006                      RSD(%): 107.61

~~~~~  
Fl ID: +.020 Seq. No.: 00037 A/S Pos.: 33 Date: 09/08/93

Replicate 1 Time: 00:32
Peak Area (A-s): 0.056 Peak Height (A): 0.073
Background Pk Area (A-s): 0.129 Background Pk Height (A): 0.080
Blank Corrected Pk Area (A-s): 0.056
Concentration (mg/L): 0.021

Replicate 2 Time: 00:34
Peak Area (A-s): 0.057 Peak Height (A): 0.073
Background Pk Area (A-s): 0.130 Background Pk Height (A): 0.080
Blank Corrected Pk Area (A-s): 0.057
Concentration (mg/L): 0.022

Mean Conc (mg/L): 0.021 SD: 0.0003 RSD(%): 1.39

~~~~~  
Fl      ID: 9949                      Seq. No.: 00038                      A/S Pos.: 34                      Date: 09/08/93

Replicate 1  
Peak Area (A-s): 0.003  
Background Pk Area (A-s): 0.107  
Blank Corrected Pk Area (A-s): 0.003  
Concentration (mg/L ): 0.001

Time: 00:37  
Peak Height (A): 0.010  
Background Pk Height (A): 0.047

Replicate 2  
Peak Area (A-s): 0.001  
Background Pk Area (A-s): 0.106  
Blank Corrected Pk Area (A-s): 0.001  
Concentration (mg/L ): -0.000

Time: 00:39  
Peak Height (A): 0.007  
Background Pk Height (A): 0.043

Mean Conc (mg/L ): 0.000 SD: 0.0005 RSD(%): 375.91

~~~~~  
T1 ID: +.020 Seq. No.: 00039 A/S Pos.: 35 Date: 09/08/93

Replicate 1
Peak Area (A-s): 0.056
Background Pk Area (A-s): 0.150
Blank Corrected Pk Area (A-s): 0.056
Concentration (mg/L): 0.021

Time: 00:41
Peak Height (A): 0.070
Background Pk Height (A): 0.094

Replicate 2
Peak Area (A-s): 0.056
Background Pk Area (A-s): 0.149
Blank Corrected Pk Area (A-s): 0.056
Concentration (mg/L): 0.021

Time: 00:43
Peak Height (A): 0.072
Background Pk Height (A): 0.095

Mean Conc (mg/L): 0.021 SD: 0.0000 RSD(%): 0.06

~~~~~  
T1 ID: 9950 Seq. No.: 00040 A/S Pos.: 1 Date: 09/08/93

Replicate 1  
Peak Area (A-s): 0.001  
Background Pk Area (A-s): 0.111  
Blank Corrected Pk Area (A-s): 0.001  
Concentration (mg/L ): -0.000

Time: 00:45  
Peak Height (A): 0.009  
Background Pk Height (A): 0.053

Replicate 2  
Peak Area (A-s): 0.005  
Background Pk Area (A-s): 0.106  
Blank Corrected Pk Area (A-s): 0.005  
Concentration (mg/L ): 0.001

Time: 00:47  
Peak Height (A): 0.009  
Background Pk Height (A): 0.049

Mean Conc (mg/L ): 0.000 SD: 0.0012 RSD(%): 269.20

~~~~~  
T1 ID: +.020 Seq. No.: 00041 A/S Pos.: 2 Date: 09/08/93

Replicate 1
Peak Area (A-s): 0.061
Background Pk Area (A-s): 0.146
Blank Corrected Pk Area (A-s): 0.061
Concentration (mg/L): 0.023

Time: 00:49
Peak Height (A): 0.072
Background Pk Height (A): 0.101

Replicate 2
Peak Area (A-s): 0.061

Time: 00:51
Peak Height (A): 0.076

Background Pk Area (A-s): 0.148 Background Pk Height (A): 0.099
 Blank Corrected Pk Area (A-s): 0.061
 Concentration (mg/L): 0.023

Mean Conc (mg/L): 0.023 SD: 0.0001 RSD(%): 0.24

~~~~~  
 T1    ID: CCVF4                      Seq. No.: 00042            A/S Pos.: 3            Date: 09/08/93

Replicate 1                                      Time: 00:53  
 Peak Area (A-s): 0.160                      Peak Height (A): 0.212  
 Background Pk Area (A-s): 0.178            Background Pk Height (A): 0.218  
 Blank Corrected Pk Area (A-s): 0.160  
 Concentration (mg/L ): 0.061

Replicate 2                                      Time: 00:55  
 Peak Area (A-s): 0.160                      Peak Height (A): 0.211  
 Background Pk Area (A-s): 0.174            Background Pk Height (A): 0.211  
 Blank Corrected Pk Area (A-s): 0.161  
 Concentration (mg/L ): 0.062

Mean Conc (mg/L ):            0.061                      SD: 0.0001                      RSD(%): 0.21

~~~~~  
 T1 ID: CCB4 Seq. No.: 00043 A/S Pos.: 4 Date: 09/08/93

Replicate 1 Time: 00:58
 Peak Area (A-s): 0.002 Peak Height (A): 0.007
 Background Pk Area (A-s): 0.026 Background Pk Height (A): 0.018
 Blank Corrected Pk Area (A-s): 0.002
 Concentration (mg/L): 0.000

Replicate 2 Time: 01:00
 Peak Area (A-s): 0.001 Peak Height (A): 0.008
 Background Pk Area (A-s): 0.020 Background Pk Height (A): 0.017
 Blank Corrected Pk Area (A-s): 0.001
 Concentration (mg/L): -0.000

Mean Conc (mg/L): -0.000 SD: 0.0003 RSD(%): 431.76

K m 9/7/93

| TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS | TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS |
|--------|---------------------------|-------------|----------|--------------------|-----------|--------|-------|-------------|----------|--------------------|----------|
| - | - | BLANK | | | CALIBRATE | 25 | | 7.010 | | .007 | 70% |
| - | - | STD 1 | | | CALIBRATE | 26 | | 9946 | | .005 | |
| - | - | STD 2 | | | CALIBRATE | 27 | | 7.010 | | .012 | 70% |
| - | - | STD 3 | | | CALIBRATE | 28 | CCCF3 | R-10 | 1/10 | .073 | 0.730 |
| 1 | ICCF | R-10 | 1/10 | .069 | 0.690 | 29 | CCB3 | B1K | | L | |
| 2 | ICB | B1K | | L | | 30 | | 9947 | | .003 | |
| 3 | CLA | .005 | | .005 | | 31 | | 7.010 | | .011 | 80% |
| 4 | CCCF1 | R-10 | 1/10 | .069 | 0.690 | 32 | | 9948 | | .003 | |
| 5 | CCB1 | B1K | | L | | 33 | | 7.010 | | .011 | 80% |
| 6 | ^{CCS} 93 2046 | 9935 | 1/10 | .031 | 0.310 | 34 | | 9949 | | .004 | |
| 7 | | 7.010 | ↓ | .040 | 70% | 35 | | 7.010 | | .013 | 90% |
| 8 | PB3 | 9934 | | L | | 1 | | 9950 | | .003 | |
| 9 | | 7.010 | | .009 | 90% | 2 | | 7.010 | | .010 | 70% |
| 10 | | 9941 | | L | | 3 | CCCF4 | R-10 | 1/10 | .074 | 0.740 |
| 11 | | 7.010 | | .009 | 90% | 4 | CCB4 | B1K | | L | |
| 12 | | 9942 | | .003 | | 5 | | 9940 | | .005 | |
| 13 | | 7.010 | | .010 | 70% | 6 | | 7.005 | | .009 | |
| 14 | ^{CCS} 93 2015 | 9952 | 1/10 | .033 | 0.330 | 7 | | 7.010 | | .012 | |
| 15 | | 7.010 | ↓ | .040 | 70% | 8 | | 7.015 | | .015 | |
| 16 | CCCF2 | R-10 | 1/10 | .072 | 0.720 | 9 | CCCF5 | R-10 | 1/10 | .075 | 0.750 |
| 17 | CCB2 | B1K | | L | | 10 | CCB5 | B1K | | L | |
| 18 | PB3 | 9951 | | L | | | | | | | |
| 19 | | 7.010 | | .009 | 90% | | | | | | |
| 20 | | 9943 | | L | | | | | | | |
| 21 | | 7.010 | | .009 | 90% | | | | | | |
| 22 | | 9944 | | .003 | | | | | | | |
| 23 | | 7.010 | | .011 | 80% | | | | | | |
| 24 | | 9945 | | L | | | | | | | |

corr = 9984
x = 0.007

Element File: SE.GEL Element: Se Wavelength: 196.0
Date: 09/07/93 Time: 20:37 Slit: 2.0
Data File: 10908SEA.DAT ID/Wt File: UNTITLED Lamp Current: 0
Technique: HGA Calib. Type: Linear Energy: 49
Remark 1: Analyst: KM
Remark 2: Furnace #1
Remark 3: Detection Limit: 0.003 Mg/L

~~~~~  
Se    ID: Blank                        Seq. No.: 00001            A/S Pos.: 38            Date: 09/07/93

Replicate 1                            Time: 20:37  
Peak Area (A-s): 0.007                Peak Height (A): 0.014  
Background Pk Area (A-s): 0.029       Background Pk Height (A): 0.073  
Blank Corrected Pk Area (A-s): 0.007

Replicate 2                            Time: 20:39  
Peak Area (A-s): 0.008                Peak Height (A): 0.012  
Background Pk Area (A-s): 0.019       Background Pk Height (A): 0.037  
Blank Corrected Pk Area (A-s): 0.008

Mean Pk Area (A-s):           0.007                    SD: 0.0007                RSD(%): 10.06

Auto-zero performed.

~~~~~  
Se ID: Standard 1 Seq. No.: 00002 A/S Pos.: 35 Date: 09/07/93

Replicate 1 Time: 20:42
Peak Area (A-s): 0.020 Peak Height (A): 0.026
Background Pk Area (A-s): 0.019 Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.013

Replicate 2 Time: 20:45
Peak Area (A-s): 0.018 Peak Height (A): 0.029
Background Pk Area (A-s): 0.023 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.011

Mean Pk Area (A-s): 0.012 SD: 0.0015 RSD(%): 12.67

Standard number 1 applied. [0.005]
Correlation coefficient: 1.00000 Slope: 2.4121 Int: 0.000

~~~~~  
Se    ID: Standard 2                   Seq. No.: 00003            A/S Pos.: 39            Date: 09/07/93

Replicate 1                            Time: 20:48  
Peak Area (A-s): 0.124                Peak Height (A): 0.228  
Background Pk Area (A-s): 0.042       Background Pk Height (A): 0.086  
Blank Corrected Pk Area (A-s): 0.117  
Concentration (mg/L) : 0.048

Replicate 2                            Time: 20:50  
Peak Area (A-s): 0.129                Peak Height (A): 0.225  
Background Pk Area (A-s): 0.044       Background Pk Height (A): 0.086  
Blank Corrected Pk Area (A-s): 0.122  
Concentration (mg/L) : 0.050

Mean Conc (mg/L ): 0.049 SD: 0.0015 RSD(%): 2.98

Standard number 2 applied. [0.050]

Correlation coefficient: 1.00000 Slope: 2.3846 Int: 0.000

~~~~~  
Se ID: Standard 3 Seq. No.: 00004 A/S Pos.: 40 Date: 09/07/93

Replicate 1 Time: 20:53
Peak Area (A-s): 0.259 Peak Height (A): 0.478
Background Pk Area (A-s): 0.077 Background Pk Height (A): 0.137
Blank Corrected Pk Area (A-s): 0.251
Concentration (mg/L): 0.105

Replicate 2 Time: 20:56
Peak Area (A-s): 0.264 Peak Height (A): 0.486
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.133
Blank Corrected Pk Area (A-s): 0.256
Concentration (mg/L): 0.107

Mean Conc (mg/L): 0.106 SD: 0.0015 RSD(%): 1.44

Standard number 3 applied. [0.100]

Correlation coefficient: 0.99951 Slope: 2.5284 Int: -0.002

~~~~~  
Se ID: ICVF Seq. No.: 00005 A/S Pos.: 1 Date: 09/07/93

Replicate 1 Time: 20:59  
Peak Area (A-s): 0.182 Peak Height (A): 0.332  
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.109  
Blank Corrected Pk Area (A-s): 0.174  
Concentration (mg/L ): 0.070

Replicate 2 Time: 21:01  
Peak Area (A-s): 0.180 Peak Height (A): 0.335  
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.116  
Blank Corrected Pk Area (A-s): 0.172  
Concentration (mg/L ): 0.069

Mean Conc (mg/L ): 0.069 SD: 0.0006 RSD(%): 0.89

~~~~~  
Se ID: ICB Seq. No.: 00006 A/S Pos.: 2 Date: 09/07/93

Replicate 1 Time: 21:04
Peak Area (A-s): 0.007 Peak Height (A): 0.009
Background Pk Area (A-s): 0.019 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): -0.000
Concentration (mg/L): 0.000

Replicate 2 Time: 21:07
Peak Area (A-s): 0.008 Peak Height (A): 0.009
Background Pk Area (A-s): 0.016 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.001
Concentration (mg/L): 0.001

Mean Conc (mg/L): 0.001 SD: 0.0004 RSD(%): 50.23

Se ID: CRA Seq. No.: 00007 A/S Pos.: 3 Date: 09/07/93

Replicate 1 Time: 21:09
Peak Area (A-s): 0.017 Peak Height (A): 0.030
Background Pk Area (A-s): 0.023 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.010
Concentration (mg/L): 0.004

Replicate 2 Time: 21:12
Peak Area (A-s): 0.020 Peak Height (A): 0.025
Background Pk Area (A-s): 0.022 Background Pk Height (A): 0.051
Blank Corrected Pk Area (A-s): 0.012
Concentration (mg/L): 0.006

Mean Conc (mg/L): 0.005 SD: 0.0008 RSD(%): 16.35

Se ID: CCVF1 Seq. No.: 00008 A/S Pos.: 4 Date: 09/07/93

Replicate 1 Time: 21:15
Peak Area (A-s): 0.182 Peak Height (A): 0.335
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.109
Blank Corrected Pk Area (A-s): 0.174
Concentration (mg/L): 0.070

Replicate 2 Time: 21:18
Peak Area (A-s): 0.181 Peak Height (A): 0.344
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.103
Blank Corrected Pk Area (A-s): 0.173
Concentration (mg/L): 0.069

Mean Conc (mg/L): 0.069 SD: 0.0002 RSD(%): 0.30

Se ID: CCE1 Seq. No.: 00009 A/S Pos.: 5 Date: 09/07/93

Replicate 1 Time: 21:20
Peak Area (A-s): 0.004 Peak Height (A): 0.010
Background Pk Area (A-s): 0.013 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): -0.003
Concentration (mg/L): -0.001

Replicate 2 Time: 21:23
Peak Area (A-s): 0.004 Peak Height (A): 0.008
Background Pk Area (A-s): 0.015 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): -0.004
Concentration (mg/L): -0.001

Mean Conc (mg/L): -0.001 SD: 0.0001 RSD(%): 16.35

Se ID: 9935 @ 1:10 Seq. No.: 00010 A/S Pos.: 6 Date: 09/07/93

Replicate 1 Time: 21:26
Peak Area (A-s): 0.083 Peak Height (A): 0.150
Background Pk Area (A-s): 0.044 Background Pk Height (A): 0.078
Blank Corrected Pk Area (A-s): 0.076
Concentration (mg/L): 0.031

Replicate 2
 Peak Area (A-s): 0.088
 Background Pk Area (A-s): 0.043
 Blank Corrected Pk Area (A-s): 0.076
 Concentration (mg/L): 0.031

Time: 21:29
 Peak Height (A): 0.159
 Background Pk Height (A): 0.077

Mean Conc (mg/L): 0.031 SD: 0.0000 RSD(%): 0.02

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 Se ID: +.010 Seq. No.: 00011 A/S Pos.: 7 Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.105  
 Background Pk Area (A-s): 0.051  
 Blank Corrected Pk Area (A-s): 0.098  
 Concentration (mg/L ): 0.039

Time: 21:31  
 Peak Height (A): 0.201  
 Background Pk Height (A): 0.087

Replicate 2  
 Peak Area (A-s): 0.109  
 Background Pk Area (A-s): 0.051  
 Blank Corrected Pk Area (A-s): 0.102  
 Concentration (mg/L ): 0.041

Time: 21:34  
 Peak Height (A): 0.203  
 Background Pk Height (A): 0.084

Mean Conc (mg/L ): 0.040 SD: 0.0013 RSD(%): 3.15

~~~~~  
 Se ID: 9934 Seq. No.: 00012 A/S Pos.: 8 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.007
 Background Pk Area (A-s): 0.033
 Blank Corrected Pk Area (A-s): -0.001
 Concentration (mg/L): 0.000

Time: 21:37
 Peak Height (A): 0.010
 Background Pk Height (A): 0.059

Replicate 2
 Peak Area (A-s): 0.004
 Background Pk Area (A-s): 0.035
 Blank Corrected Pk Area (A-s): -0.003
 Concentration (mg/L): -0.001

Time: 21:40
 Peak Height (A): 0.009
 Background Pk Height (A): 0.064

Mean Conc (mg/L): -0.000 SD: 0.0008 RSD(%): 740.84

~~~~~  
 Se ID: +.010 Seq. No.: 00013 A/S Pos.: 9 Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.027  
 Background Pk Area (A-s): 0.035  
 Blank Corrected Pk Area (A-s): 0.020  
 Concentration (mg/L ): 0.009

Time: 21:43  
 Peak Height (A): 0.053  
 Background Pk Height (A): 0.062

Replicate 2  
 Peak Area (A-s): 0.030  
 Background Pk Area (A-s): 0.030  
 Blank Corrected Pk Area (A-s): 0.022  
 Concentration (mg/L ): 0.010

Time: 21:45  
 Peak Height (A): 0.054  
 Background Pk Height (A): 0.063

Mean Conc (mg/L ): 0.009 SD: 0.0007 RSD(%): 7.53

Se ID: 9941 Seq. No.: 00014 A/S Pos.: 10 Date: 09/07/93

Replicate 1 Time: 21:48  
 Peak Area (A-s): 0.005 Peak Height (A): 0.009  
 Background Pk Area (A-s): 0.033 Background Pk Height (A): 0.054  
 Blank Corrected Pk Area (A-s): -0.003  
 Concentration (mg/L ): -0.000

Replicate 2 Time: 21:51  
 Peak Area (A-s): 0.004 Peak Height (A): 0.010  
 Background Pk Area (A-s): 0.033 Background Pk Height (A): 0.056  
 Blank Corrected Pk Area (A-s): -0.003  
 Concentration (mg/L ): -0.001

Mean Conc (mg/L ): -0.000 SD: 0.0002 RSD(%): 47.66

Se ID: +.010 Seq. No.: 00015 A/S Pos.: 11 Date: 09/07/93

Replicate 1 Time: 21:54  
 Peak Area (A-s): 0.029 Peak Height (A): 0.046  
 Background Pk Area (A-s): 0.035 Background Pk Height (A): 0.062  
 Blank Corrected Pk Area (A-s): 0.022  
 Concentration (mg/L ): 0.009

Replicate 2 Time: 21:56  
 Peak Area (A-s): 0.026 Peak Height (A): 0.045  
 Background Pk Area (A-s): 0.040 Background Pk Height (A): 0.062  
 Blank Corrected Pk Area (A-s): 0.018  
 Concentration (mg/L ): 0.008

Mean Conc (mg/L ): 0.009 SD: 0.0009 RSD(%): 10.22

Se ID: 9942 Seq. No.: 00016 A/S Pos.: 12 Date: 09/07/93

Replicate 1 Time: 21:59  
 Peak Area (A-s): 0.013 Peak Height (A): 0.025  
 Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.061  
 Blank Corrected Pk Area (A-s): 0.006  
 Concentration (mg/L ): 0.003

Replicate 2 Time: 22:02  
 Peak Area (A-s): 0.013 Peak Height (A): 0.023  
 Background Pk Area (A-s): 0.048 Background Pk Height (A): 0.062  
 Blank Corrected Pk Area (A-s): 0.005  
 Concentration (mg/L ): 0.003

Mean Conc (mg/L ): 0.003 SD: 0.0000 RSD(%): 1.25

Se ID: +.010 Seq. No.: 00017 A/S Pos.: 13 Date: 09/07/93

Replicate 1 Time: 22:05  
 Peak Area (A-s): 0.032 Peak Height (A): 0.057  
 Background Pk Area (A-s): 0.042 Background Pk Height (A): 0.071  
 Blank Corrected Pk Area (A-s): 0.024  
 Concentration (mg/L ): 0.010

Replicate 2  
 Peak Area (A-s): 0.031  
 Background Pk Area (A-s): 0.044  
 Blank Corrected Pk Area (A-s): 0.024  
 Concentration (mg/L ): 0.010

Time: 22:08  
 Peak Height (A): 0.054  
 Background Pk Height (A): 0.068

Mean Conc (mg/L ): 0.010 SD: 0.0000 RSD(%): 0.29

~~~~~  
 Se ID: 9952 @ 1:10 Seq. No.: 00018 A/S Pos.: 14 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.088
 Background Pk Area (A-s): 0.048
 Blank Corrected Pk Area (A-s): 0.081
 Concentration (mg/L): 0.033

Time: 22:17
 Peak Height (A): 0.167
 Background Pk Height (A): 0.083

Replicate 2
 Peak Area (A-s): 0.089
 Background Pk Area (A-s): 0.047
 Blank Corrected Pk Area (A-s): 0.081
 Concentration (mg/L): 0.033

Time: 22:20
 Peak Height (A): 0.167
 Background Pk Height (A): 0.078

Mean Conc (mg/L): 0.033 SD: 0.0001 RSD(%): 0.23

~~~~~  
 Se ID: +.010 Seq. No.: 00019 A/S Pos.: 15 Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.105  
 Background Pk Area (A-s): 0.052  
 Blank Corrected Pk Area (A-s): 0.098  
 Concentration (mg/L ): 0.039

Time: 22:22  
 Peak Height (A): 0.200  
 Background Pk Height (A): 0.079

Replicate 2  
 Peak Area (A-s): 0.110  
 Background Pk Area (A-s): 0.048  
 Blank Corrected Pk Area (A-s): 0.102  
 Concentration (mg/L ): 0.041

Time: 22:25  
 Peak Height (A): 0.205  
 Background Pk Height (A): 0.083

Mean Conc (mg/L ): 0.040 SD: 0.0012 RSD(%): 3.09

~~~~~  
 Se ID: CCVF2 Seq. No.: 00020 A/S Pos.: 16 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.185
 Background Pk Area (A-s): 0.070
 Blank Corrected Pk Area (A-s): 0.178
 Concentration (mg/L): 0.071

Time: 22:28
 Peak Height (A): 0.355
 Background Pk Height (A): 0.113

Replicate 2
 Peak Area (A-s): 0.188
 Background Pk Area (A-s): 0.069
 Blank Corrected Pk Area (A-s): 0.181
 Concentration (mg/L): 0.072

Time: 22:31
 Peak Height (A): 0.357
 Background Pk Height (A): 0.114

Mean Conc (mg/L): 0.072 SD: 0.0009 RSD(%): 1.20

Se ID: CCB2 Seq. No.: 00021 A/S Pos.: 17 Date: 09/07/93

Replicate 1 Time: 22:34
Peak Area (A-s): 0.003 Peak Height (A): 0.008
Background Pk Area (A-s): 0.027 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): -0.005
Concentration (mg/L): -0.001

Replicate 2 Time: 22:36
Peak Area (A-s): 0.005 Peak Height (A): 0.011
Background Pk Area (A-s): 0.027 Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): -0.002
Concentration (mg/L): -0.000

Mean Conc (mg/L): -0.001 SD: 0.0006 RSD(%): 92.65

Se ID: 9951 Seq. No.: 00022 A/S Pos.: 18 Date: 09/07/93

Replicate 1 Time: 22:39
Peak Area (A-s): 0.004 Peak Height (A): 0.010
Background Pk Area (A-s): 0.029 Background Pk Height (A): 0.057
Blank Corrected Pk Area (A-s): -0.003
Concentration (mg/L): -0.001

Replicate 2 Time: 22:42
Peak Area (A-s): 0.004 Peak Height (A): 0.010
Background Pk Area (A-s): 0.033 Background Pk Height (A): 0.066
Blank Corrected Pk Area (A-s): -0.003
Concentration (mg/L): -0.000

Mean Conc (mg/L): -0.001 SD: 0.0000 RSD(%): 7.52

Se ID: +.010 Seq. No.: 00023 A/S Pos.: 19 Date: 09/07/93

Replicate 1 Time: 22:45
Peak Area (A-s): 0.027 Peak Height (A): 0.057
Background Pk Area (A-s): 0.038 Background Pk Height (A): 0.068
Blank Corrected Pk Area (A-s): 0.020
Concentration (mg/L): 0.008

Replicate 2 Time: 22:47
Peak Area (A-s): 0.028 Peak Height (A): 0.054
Background Pk Area (A-s): 0.036 Background Pk Height (A): 0.067
Blank Corrected Pk Area (A-s): 0.021
Concentration (mg/L): 0.009

Mean Conc (mg/L): 0.009 SD: 0.0004 RSD(%): 4.49

Se ID: 9943 Seq. No.: 00024 A/S Pos.: 20 Date: 09/07/93

Replicate 1 Time: 22:50
Peak Area (A-s): 0.008 Peak Height (A): 0.017
Background Pk Area (A-s): 0.123 Background Pk Height (A): 0.101
Blank Corrected Pk Area (A-s): 0.001
Concentration (mg/L): 0.001

Replicate 2
Peak Area (A-s): 0.011
Background Pk Area (A-s): 0.121
Blank Corrected Pk Area (A-s): 0.004
Concentration (mg/L): 0.002

Time: 22:53
Peak Height (A): 0.017
Background Pk Height (A): 0.101

Mean Conc (mg/L): 0.002 SD: 0.0007 RSD(%): 44.84

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Se ID: +.010 Seq. No.: 00025 A/S Pos.: 21 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.027  
Background Pk Area (A-s): 0.116  
Blank Corrected Pk Area (A-s): 0.019  
Concentration (mg/L ): 0.008

Time: 22:55  
Peak Height (A): 0.043  
Background Pk Height (A): 0.104

Replicate 2  
Peak Area (A-s): 0.028  
Background Pk Area (A-s): 0.115  
Blank Corrected Pk Area (A-s): 0.020  
Concentration (mg/L ): 0.009

Time: 22:58  
Peak Height (A): 0.048  
Background Pk Height (A): 0.102

Mean Conc (mg/L ): 0.009 SD: 0.0003 RSD(%): 2.99

~~~~~  
Se ID: 9944 Seq. No.: 00026 A/S Pos.: 22 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.012
Background Pk Area (A-s): 0.106
Blank Corrected Pk Area (A-s): 0.004
Concentration (mg/L): 0.002

Time: 23:01
Peak Height (A): 0.019
Background Pk Height (A): 0.092

Replicate 2
Peak Area (A-s): 0.013
Background Pk Area (A-s): 0.109
Blank Corrected Pk Area (A-s): 0.005
Concentration (mg/L): 0.003

Time: 23:03
Peak Height (A): 0.020
Background Pk Height (A): 0.093

Mean Conc (mg/L): 0.003 SD: 0.0003 RSD(%): 10.86

~~~~~  
Se ID: +.010 Seq. No.: 00027 A/S Pos.: 23 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.033  
Background Pk Area (A-s): 0.101  
Blank Corrected Pk Area (A-s): 0.025  
Concentration (mg/L ): 0.011

Time: 23:06  
Peak Height (A): 0.056  
Background Pk Height (A): 0.093

Replicate 2  
Peak Area (A-s): 0.032  
Background Pk Area (A-s): 0.101  
Blank Corrected Pk Area (A-s): 0.025  
Concentration (mg/L ): 0.010

Time: 23:09  
Peak Height (A): 0.062  
Background Pk Height (A): 0.095

Mean Conc (mg/L ): 0.011 SD: 0.0001 RSD(%): 1.15

Se ID: 9945 Seq. No.: 00028 A/S Pos.: 24 Date: 09/07/93

Replicate 1 Time: 23:11  
Peak Area (A-s): 0.010 Peak Height (A): 0.012  
Background Pk Area (A-s): 0.129 Background Pk Height (A): 0.097  
Blank Corrected Pk Area (A-s): 0.003  
Concentration (mg/L ): 0.002

Replicate 2 Time: 23:14  
Peak Area (A-s): 0.009 Peak Height (A): 0.012  
Background Pk Area (A-s): 0.130 Background Pk Height (A): 0.096  
Blank Corrected Pk Area (A-s): 0.001  
Concentration (mg/L ): 0.001

Mean Conc (mg/L ): 0.002 SD: 0.0005 RSD(%): 33.42

Se ID: +.010 Seq. No.: 00029 A/S Pos.: 25 Date: 09/07/93

Replicate 1 Time: 23:17  
Peak Area (A-s): 0.021 Peak Height (A): 0.044  
Background Pk Area (A-s): 0.114 Background Pk Height (A): 0.096  
Blank Corrected Pk Area (A-s): 0.014  
Concentration (mg/L ): 0.006

Replicate 2 Time: 23:20  
Peak Area (A-s): 0.024 Peak Height (A): 0.042  
Background Pk Area (A-s): 0.113 Background Pk Height (A): 0.100  
Blank Corrected Pk Area (A-s): 0.016  
Concentration (mg/L ): 0.007

Mean Conc (mg/L ): 0.007 SD: 0.0007 RSD(%): 10.71

Se ID: 9946 Seq. No.: 00030 A/S Pos.: 26 Date: 09/07/93

Replicate 1 Time: 23:22  
Peak Area (A-s): 0.018 Peak Height (A): 0.025  
Background Pk Area (A-s): 0.113 Background Pk Height (A): 0.099  
Blank Corrected Pk Area (A-s): 0.011  
Concentration (mg/L ): 0.005

Replicate 2 Time: 23:25  
Peak Area (A-s): 0.016 Peak Height (A): 0.026  
Background Pk Area (A-s): 0.112 Background Pk Height (A): 0.097  
Blank Corrected Pk Area (A-s): 0.009  
Concentration (mg/L ): 0.004

Mean Conc (mg/L ): 0.005 SD: 0.0005 RSD(%): 10.29

Se ID: +.010 Seq. No.: 00031 A/S Pos.: 27 Date: 09/07/93

Replicate 1 Time: 23:28  
Peak Area (A-s): 0.037 Peak Height (A): 0.068  
Background Pk Area (A-s): 0.107 Background Pk Height (A): 0.100  
Blank Corrected Pk Area (A-s): 0.030  
Concentration (mg/L ): 0.012

Replicate 2  
Peak Area (A-s): 0.036  
Background Pk Area (A-s): 0.107  
Blank Corrected Pk Area (A-s): 0.029  
Concentration (mg/L ): 0.012

Time: 23:31  
Peak Height (A): 0.064  
Background Pk Height (A): 0.098

Mean Conc (mg/L ): 0.012

SD: 0.0002

RSD(%): 1.91

~~~~~  
Se ID: CCVF3 Seq. No.: 00032 A/S Pos.: 28 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.191
Background Pk Area (A-s): 0.073
Blank Corrected Pk Area (A-s): 0.184
Concentration (mg/L): 0.073

Time: 23:33
Peak Height (A): 0.349
Background Pk Height (A): 0.124

Replicate 2
Peak Area (A-s): 0.189
Background Pk Area (A-s): 0.071
Blank Corrected Pk Area (A-s): 0.181
Concentration (mg/L): 0.072

Time: 23:36
Peak Height (A): 0.344
Background Pk Height (A): 0.121

Mean Conc (mg/L): 0.073

SD: 0.0007

RSD(%): 1.00

~~~~~  
Se ID: CCB3 Seq. No.: 00033 A/S Pos.: 29 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.008  
Background Pk Area (A-s): 0.024  
Blank Corrected Pk Area (A-s): 0.001  
Concentration (mg/L ): 0.001

Time: 23:39  
Peak Height (A): 0.010  
Background Pk Height (A): 0.053

Replicate 2  
Peak Area (A-s): 0.008  
Background Pk Area (A-s): 0.025  
Blank Corrected Pk Area (A-s): 0.000  
Concentration (mg/L ): 0.001

Time: 23:43  
Peak Height (A): 0.010  
Background Pk Height (A): 0.047

Mean Conc (mg/L ): 0.001

SD: 0.0001

RSD(%): 9.88

~~~~~  
Se ID: 9947 Seq. No.: 00034 A/S Pos.: 30 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.013
Background Pk Area (A-s): 0.080
Blank Corrected Pk Area (A-s): 0.005
Concentration (mg/L): 0.003

Time: 23:46
Peak Height (A): 0.013
Background Pk Height (A): 0.078

Replicate 2
Peak Area (A-s): 0.013
Background Pk Area (A-s): 0.081
Blank Corrected Pk Area (A-s): 0.005
Concentration (mg/L): 0.003

Time: 23:49
Peak Height (A): 0.018
Background Pk Height (A): 0.073

Mean Conc (mg/L): 0.003

SD: 0.0000

RSD(%): 0.27

Se ID: +.010 Seq. No.: 00035 A/S Pos.: 31 Date: 09/07/93

Replicate 1 Time: 23:52
Peak Area (A-s): 0.031 Peak Height (A): 0.052
Background Pk Area (A-s): 0.080 Background Pk Height (A): 0.079
Blank Corrected Pk Area (A-s): 0.024
Concentration (mg/L): 0.010

Replicate 2 Time: 23:54
Peak Area (A-s): 0.034 Peak Height (A): 0.052
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.079
Blank Corrected Pk Area (A-s): 0.027
Concentration (mg/L): 0.011

Mean Conc (mg/L): 0.011 SD: 0.0009 RSD(%): 8.39

Se ID: 9948 Seq. No.: 00036 A/S Pos.: 32 Date: 09/07/93

Replicate 1 Time: 23:57
Peak Area (A-s): 0.013 Peak Height (A): 0.022
Background Pk Area (A-s): 0.094 Background Pk Height (A): 0.078
Blank Corrected Pk Area (A-s): 0.006
Concentration (mg/L): 0.003

Replicate 2 Time: 00:00
Peak Area (A-s): 0.015 Peak Height (A): 0.022
Background Pk Area (A-s): 0.094 Background Pk Height (A): 0.082
Blank Corrected Pk Area (A-s): 0.008
Concentration (mg/L): 0.004

Mean Conc (mg/L): 0.003 SD: 0.0006 RSD(%): 17.16

Se ID: +.010 Seq. No.: 00037 A/S Pos.: 33 Date: 09/08/93

Replicate 1 Time: 00:03
Peak Area (A-s): 0.035 Peak Height (A): 0.055
Background Pk Area (A-s): 0.096 Background Pk Height (A): 0.084
Blank Corrected Pk Area (A-s): 0.027
Concentration (mg/L): 0.011

Replicate 2 Time: 00:06
Peak Area (A-s): 0.032 Peak Height (A): 0.054
Background Pk Area (A-s): 0.097 Background Pk Height (A): 0.088
Blank Corrected Pk Area (A-s): 0.025
Concentration (mg/L): 0.011

Mean Conc (mg/L): 0.011 SD: 0.0006 RSD(%): 5.68

Se ID: 9949 Seq. No.: 00038 A/S Pos.: 34 Date: 09/08/93

Replicate 1 Time: 00:08
Peak Area (A-s): 0.014 Peak Height (A): 0.026
Background Pk Area (A-s): 0.111 Background Pk Height (A): 0.094
Blank Corrected Pk Area (A-s): 0.007
Concentration (mg/L): 0.003

Replicate 2
Peak Area (A-s): 0.018
Background Pk Area (A-s): 0.112
Blank Corrected Pk Area (A-s): 0.011
Concentration (mg/L): 0.005
Time: 00:11
Peak Height (A): 0.029
Background Pk Height (A): 0.095
Mean Conc (mg/L): 0.004 SD: 0.0011 RSD(%): 26.61

~~~~~  
Se ID: +.010 Seq. No.: 00039 A/S Pos.: 35 Date: 09/08/93

Replicate 1  
Peak Area (A-s): 0.040  
Background Pk Area (A-s): 0.111  
Blank Corrected Pk Area (A-s): 0.033  
Concentration (mg/L ): 0.014  
Time: 00:14  
Peak Height (A): 0.062  
Background Pk Height (A): 0.096

Replicate 2  
Peak Area (A-s): 0.035  
Background Pk Area (A-s): 0.115  
Blank Corrected Pk Area (A-s): 0.028  
Concentration (mg/L ): 0.012  
Time: 00:16  
Peak Height (A): 0.060  
Background Pk Height (A): 0.101

Mean Conc (mg/L ): 0.013 SD: 0.0013 RSD(%): 10.28

~~~~~  
Se ID: 9950 Seq. No.: 00040 A/S Pos.: 1 Date: 09/08/93

Replicate 1
Peak Area (A-s): 0.015
Background Pk Area (A-s): 0.158
Blank Corrected Pk Area (A-s): 0.007
Concentration (mg/L): 0.004
Time: 00:20
Peak Height (A): 0.020
Background Pk Height (A): 0.128

Replicate 2
Peak Area (A-s): 0.012
Background Pk Area (A-s): 0.158
Blank Corrected Pk Area (A-s): 0.005
Concentration (mg/L): 0.003
Time: 00:23
Peak Height (A): 0.018
Background Pk Height (A): 0.127

Mean Conc (mg/L): 0.003 SD: 0.0008 RSD(%): 25.32

~~~~~  
Se ID: +.010 Seq. No.: 00041 A/S Pos.: 2 Date: 09/08/93

Replicate 1  
Peak Area (A-s): 0.032  
Background Pk Area (A-s): 0.151  
Blank Corrected Pk Area (A-s): 0.024  
Concentration (mg/L ): 0.010  
Time: 00:25  
Peak Height (A): 0.049  
Background Pk Height (A): 0.130

Replicate 2  
Peak Area (A-s): 0.031  
Background Pk Area (A-s): 0.150  
Blank Corrected Pk Area (A-s): 0.024  
Concentration (mg/L ): 0.010  
Time: 00:28  
Peak Height (A): 0.049  
Background Pk Height (A): 0.129

Mean Conc (mg/L ): 0.010 SD: 0.0002 RSD(%): 2.28

Se ID: CCVF4 Seq. No.: 00042 A/S Pos.: 3 Date: 09/08/93

Replicate 1 Time: 00:31  
Peak Area (A-s): 0.193 Peak Height (A): 0.347  
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.111  
Blank Corrected Pk Area (A-s): 0.186  
Concentration (mg/L ): 0.074

Replicate 2 Time: 00:34  
Peak Area (A-s): 0.194 Peak Height (A): 0.345  
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.109  
Blank Corrected Pk Area (A-s): 0.186  
Concentration (mg/L ): 0.074

Mean Conc (mg/L ): 0.074 SD: 0.0001 RSD(%): 0.16

Se ID: CCB4 Seq. No.: 00043 A/S Pos.: 4 Date: 09/08/93

Replicate 1 Time: 00:36  
Peak Area (A-s): 0.005 Peak Height (A): 0.010  
Background Pk Area (A-s): 0.025 Background Pk Height (A): 0.047  
Blank Corrected Pk Area (A-s): -0.003  
Concentration (mg/L ): -0.000

Replicate 2 Time: 00:39  
Peak Area (A-s): 0.005 Peak Height (A): 0.011  
Background Pk Area (A-s): 0.024 Background Pk Height (A): 0.049  
Blank Corrected Pk Area (A-s): -0.002  
Concentration (mg/L ): -0.000

Mean Conc (mg/L ): -0.000 SD: 0.0002 RSD(%): 99.87

Se ID: 9946 Seq. No.: 00044 A/S Pos.: 5 Date: 09/08/93

Replicate 1 Time: 00:42  
Peak Area (A-s): 0.018 Peak Height (A): 0.026  
Background Pk Area (A-s): 0.111 Background Pk Height (A): 0.096  
Blank Corrected Pk Area (A-s): 0.011  
Concentration (mg/L ): 0.005

Se ID: +.005 Seq. No.: 00045 A/S Pos.: 6 Date: 09/08/93

Replicate 1 Time: 00:45  
Peak Area (A-s): 0.028 Peak Height (A): 0.043  
Background Pk Area (A-s): 0.107 Background Pk Height (A): 0.096  
Blank Corrected Pk Area (A-s): 0.021  
Concentration (mg/L ): 0.009

Se ID: +.010 Seq. No.: 00046 A/S Pos.: 7 Date: 09/08/93

Replicate 1 Time: 00:48  
Peak Area (A-s): 0.036 Peak Height (A): 0.059  
Background Pk Area (A-s): 0.103 Background Pk Height (A): 0.098  
Blank Corrected Pk Area (A-s): 0.029

Concentration (mg/L ): 0.012

~~~~~  
 Se ID: +.015 Seq. No.: 00047 A/S Pos.: 8 Date: 09/08/93

Replicate 1 Time: 00:50
 Peak Area (A-s): 0.044 Peak Height (A): 0.076
 Background Pk Area (A-s): 0.107 Background Pk Height (A): 0.103
 Blank Corrected Pk Area (A-s): 0.037
 Concentration (mg/L): 0.015

~~~~~  
 Se ID: CCVF5                      Seq. No.: 00048      A/S Pos.: 9      Date: 09/08/93

Replicate 1                                      Time: 00:58  
 Peak Area (A-s): 0.194                      Peak Height (A): 0.341  
 Background Pk Area (A-s): 0.067              Background Pk Height (A): 0.107  
 Blank Corrected Pk Area (A-s): 0.186  
 Concentration (mg/L ): 0.074

Replicate 2                                      Time: 01:00  
 Peak Area (A-s): 0.196                      Peak Height (A): 0.345  
 Background Pk Area (A-s): 0.064              Background Pk Height (A): 0.102  
 Blank Corrected Pk Area (A-s): 0.188  
 Concentration (mg/L ): 0.075

Mean Conc (mg/L ):              0.075              SD: 0.0006              RSD(%): 0.74

~~~~~  
 Se ID: CCB5 Seq. No.: 00049 A/S Pos.: 10 Date: 09/08/93

Replicate 1 Time: 01:03
 Peak Area (A-s): 0.006 Peak Height (A): 0.012
 Background Pk Area (A-s): 0.022 Background Pk Height (A): 0.044
 Blank Corrected Pk Area (A-s): -0.001
 Concentration (mg/L): 0.000

Replicate 2 Time: 01:06
 Peak Area (A-s): 0.009 Peak Height (A): 0.010
 Background Pk Area (A-s): 0.023 Background Pk Height (A): 0.048
 Blank Corrected Pk Area (A-s): 0.002
 Concentration (mg/L): 0.001

Mean Conc (mg/L): 0.001 SD: 0.0008 RSD(%): 95.55

km 9/7/93

| TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS | TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS |
|--------|----------------------------|-------------|----------|--------------------|------------|--------|-------|-------------|----------|--------------------|-----------|
| - | - | BLANK | | | CALIBRATE | 25 | | 1.0010 | | --- | |
| - | - | STD 1 | | | CALIBRATE | 26 | | 9946 | | --- | |
| - | - | STD 2 | | | CALIBRATE | 27 | | 1.0010 | | --- | |
| - | - | STD 3 | | | CALIBRATE | 28 | CVF3 | R-1C | 1:200 | 0.0015 | 0.300% |
| 1 | ICVF | R-1C | 1:200 | 0.0016 | 0.320 103% | 29 | CUB3 | Blk | | < | |
| 2 | ICB | Blk | | < | | 30 | | 9947 | | --- | |
| 3 | CRA | 0.0002 | | 0.0004 | | 31 | | 1.0010 | | --- | |
| 4 | CVF1 | R-1C | 1:200 | 0.0016 | 0.320 107% | 32 | | 9948 | | --- | |
| 5 | CUB1 | Blk | | < | | 33 | | 1.0010 | | --- | |
| 6 | ^{LCSS} 93-2646 | 9935 | 1:250 | 0.0016 | 0.400 | 34 | | 9949 | | --- | |
| 7 | | 1.0010 | ↓ | 0.0025 | 90% | 35 | | 1.0010 | | --- | |
| 8 | PBS | 9934 | | < | | 1 | | 9950 | | --- | |
| 9 | | 1.0010 | | 0.0010 | 100% | 2 | | 1.0010 | | --- | |
| 10 | | 9941 | | --- | | 3 | | 9941 | 1:10 | 0.0004 | 0.004 |
| 11 | | 1.0010 | | --- | | 4 | | 1.0010 | ↓ | 0.0013 | 90% |
| 12 | | 9942 | | --- | | 5 | CVF4 | R-1C | 1:200 | 0.0014 | 0.280 93% |
| 13 | | 1.0010 | | --- | | 6 | CUB4 | Blk | | < | |
| 14 | ^{LCSS} 93-2665 | 9952 | 1:250 | 0.0014 | 0.350 | 7 | | 9942 | 1:10 | --- | |
| 15 | | 1.0010 | ↓ | 0.0021 | 70% | 8 | | 1.0010 | ↓ | --- | |
| 16 | CVF2 | R-1C | 1:200 | 0.0015 | 0.300 100% | 9 | | 9942 | 1:100 | 0.0004 | 0.040 |
| 17 | CUB2 | Blk | | < | | 10 | | 1.0010 | ↓ | 0.0014 | 100% |
| 18 | PBS | 9951 | | < | | 11 | | 9944 | 1:100 | 0.0009 | |
| 19 | | 1.0010 | | 0.0009 | 90% | 12 | | 1.0010 | ↓ | 0.0017 | 80% * |
| 20 | | 9943 | | 0.0020 | | 13 | | 9945 | 1:10 | 0.0017 | |
| 21 | | 1.0010 | | 0.0026 | 60% * | 14 | | 1.0010 | ↓ | 0.0022 | 50% |
| 22 | | 9944 | | --- | | 15 | | 9946 | 1:10 | 0.0008 | 0.008 |
| 23 | | 1.0010 | | --- | | 16 | | 1.0010 | ↓ | 0.0019 | 110% |
| 24 | | 9945 | | --- | | 17 | CVF5 | R-1C | 1:200 | 0.0014 | 0.280 93% |

11304

| TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS | TRAY # | JOB # | SAMPLE I.D. | DIL FAC. | FINAL CONC. (MG/L) | COMMENTS |
|--------|-------|-------------|----------|--------------------|-----------|--------|-------|-------------|----------|--------------------|----------|
| - | - | BLANK | | | CALIBRATE | 25 | | | | | |
| - | - | STD 1 | | | CALIBRATE | 26 | | | | | |
| - | - | STD 2 | | | CALIBRATE | 27 | | | | | |
| - | - | STD 3 | | | CALIBRATE | 28 | | | | | |
| 18 | 1 | COBS | | | < | 29 | | | | | |
| 19 | 2 | 9947 | 1:10 | 0.0007 | 0.007 | 30 | | | | | |
| 20 | 3 | 1.0010 | ↓ | 0.0017 | 100% | 31 | | | | | |
| 21 | 4 | 9948 | 1:10 | 0.0005 | | 32 | | | | | |
| 22 | 5 | 1.0010 | ↓ | 0.0013 | 80% * | 33 | | | | | |
| 23 | 6 | 9949 | 1:10 | 0.0008 | 0.008 | 34 | | | | | |
| 24 | 7 | 1.0010 | ↓ | 0.0019 | 110% | 35 | | | | | |
| 25 | 8 | 9950 | 1:10 | 0.0008 | | | | | | | |
| 26 | 9 | 1.0010 | ↓ | 0.0015 | 70% * | | | | | | |
| 27 | 10 | CWFG | R-K | 1:200 | 0.0015 | 0.300 | 100% | | | | |
| 28 | 11 | CUBG | Blk | | < | | | | | | |
| | 12 | | | | | | | | | | |
| | 13 | | | | | | | | | | |
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| | 23 | | | | | | | | | | |
| | 24 | | | | | | | | | | |

1305

Over
9/7/93

 Element File: CD.GEL Element: Cd Wavelength: 228.8
 Date: 09/07/93 Time: 10:04 Slit: 0.7
 Data File: 30907CD1.DAT ID/Wt File: CD_CLP.IDW Lamp Current: 6
 Technique: HGA Calib. Type: Linear Energy: 63
 Remark 1: Analyst: JAC
 Remark 2: Furnace #3
 Remark 3: Det. Limit: 0.0002 mg/l
 =====

Cd ID: Blank Seq. No.: 00001 A/S Pos.: 37 Date: 09/07/93

Replicate 1 Time: 10:05
 Peak Area (A-s): -0.001 Peak Height (A): 0.008
 Background Pk Area (A-s): 0.536 Background Pk Height (A): 0.184
 Blank Corrected Pk Area (A-s): -0.001

Replicate 2 Time: 10:07
 Peak Area (A-s): -0.000 Peak Height (A): 0.007
 Background Pk Area (A-s): 0.369 Background Pk Height (A): 0.215
 Blank Corrected Pk Area (A-s): -0.000

Mean Pk Area (A-s): -0.001 SD: 0.0003 RSD(%): 46.88

Auto-zero performed.

 Cd ID: Standard 1 Seq. No.: 00002 A/S Pos.: 38 Date: 09/07/93

Replicate 1 Time: 10:09
 Peak Area (A-s): 0.059 Peak Height (A): 0.112
 Background Pk Area (A-s): 0.383 Background Pk Height (A): 0.205
 Blank Corrected Pk Area (A-s): 0.059

Replicate 2 Time: 10:11
 Peak Area (A-s): 0.056 Peak Height (A): 0.108
 Background Pk Area (A-s): 0.346 Background Pk Height (A): 0.203
 Blank Corrected Pk Area (A-s): 0.056

Mean Pk Area (A-s): 0.058 SD: 0.0020 RSD(%): 3.48

Standard number 1 applied. [0.0010]
 Correlation coefficient: 1.00000 Slope: 57.9003 Int: -0.000

 Cd ID: Standard 2 Seq. No.: 00003 A/S Pos.: 39 Date: 09/07/93

Peak Area (A-s): 0.115
Background Pk Area (A-s): 0.337
Blank Corrected Pk Area (A-s): 0.115
Concentration (mg/L): 0.0020

Peak Height (A): 0.195
Background Pk Height (A): 0.200

1307

Replicate 2
Peak Area (A-s): 0.115
Background Pk Area (A-s): 0.394
Blank Corrected Pk Area (A-s): 0.116
Concentration (mg/L): 0.0020

Time: 10:15
Peak Height (A): 0.192
Background Pk Height (A): 0.187

Mean Conc (mg/L): 0.0020 SD: 0.00001 RSD(%): 0.37

Standard number 2 applied. [0.0020]

Correlation coefficient: 1.00000 Slope: 57.7489 Int: 0.000

~~~~~  
Cd ID: Standard 3 Seq. No.: 00004 A/S Pos.: 40 Date: 09/07/93

Replicate 1 Time: 10:16  
Peak Area (A-s): 0.164 Peak Height (A): 0.261  
Background Pk Area (A-s): 0.421 Background Pk Height (A): 0.202  
Blank Corrected Pk Area (A-s): 0.164  
Concentration (mg/L ): 0.0028

Replicate 2 Time: 10:18  
Peak Area (A-s): 0.168 Peak Height (A): 0.269  
Background Pk Area (A-s): 0.423 Background Pk Height (A): 0.209  
Blank Corrected Pk Area (A-s): 0.169  
Concentration (mg/L ): 0.0029

Mean Conc (mg/L ): 0.0029 SD: 0.00006 RSD(%): 1.96

Standard number 3 applied. [0.0030]

Correlation coefficient: 0.99958 Slope: 55.7798 Int: 0.001

~~~~~  
Cd ID: ICVF Seq. No.: 00005 A/S Pos.: 1 Date: 09/07/93

Replicate 1 Time: 10:20
Peak Area (A-s): 0.090 Peak Height (A): 0.150
Background Pk Area (A-s): 0.524 Background Pk Height (A): 0.212
Blank Corrected Pk Area (A-s): 0.090
Concentration (mg/L): 0.0016

Replicate 2 Time: 10:22
Peak Area (A-s): 0.088 Peak Height (A): 0.150
Background Pk Area (A-s): 0.598 Background Pk Height (A): 0.210
Blank Corrected Pk Area (A-s): 0.088
Concentration (mg/L): 0.0016

Mean Conc (mg/L): 0.0016 SD: 0.00002 RSD(%): 1.53

~~~~~  
Cd ID: ICB Seq. No.: 00006 A/S Pos.: 2 Date: 09/07/93

Replicate 1 Time: 10:24  
Peak Area (A-s): 0.001 Peak Height (A): 0.010  
Background Pk Area (A-s): 0.540 Background Pk Height (A): 0.212  
Blank Corrected Pk Area (A-s): 0.001  
Concentration (mg/L ): -0.0000

Replicate 2 Time: 10:25  
Peak Area (A-s): -0.001 Peak Height (A): 0.007  
Background Pk Area (A-s): 0.593 Background Pk Height (A): 0.212  
Blank Corrected Pk Area (A-s): -0.001  
Concentration (mg/L ): -0.0000

Mean Conc (mg/L ): -0.0000 SD: 0.00003 RSD(%): 135.00

~~~~~  
Cd ID: CRA Seq. No.: 00007 A/S Pos.: 3 Date: 09/07/93

Replicate 1 Time: 10:27
Peak Area (A-s): 0.024 Peak Height (A): 0.042
Background Pk Area (A-s): 0.713 Background Pk Height (A): 0.230
Blank Corrected Pk Area (A-s): 0.024
Concentration (mg/L): 0.0004

Replicate 2 Time: 10:29
Peak Area (A-s): 0.024 Peak Height (A): 0.042
Background Pk Area (A-s): 0.731 Background Pk Height (A): 0.235
Blank Corrected Pk Area (A-s): 0.025
Concentration (mg/L): 0.0004

Mean Conc (mg/L): 0.0004 SD: 0.00000 RSD(%): 1.17

~~~~~  
Cd ID: CCVF1 Seq. No.: 00008 A/S Pos.: 4 Date: 09/07/93

Replicate 1 Time: 10:31  
Peak Area (A-s): 0.092 Peak Height (A): 0.150  
Background Pk Area (A-s): 0.754 Background Pk Height (A): 0.227  
Blank Corrected Pk Area (A-s): 0.093  
Concentration (mg/L ): 0.0016

Replicate 2 Time: 10:33  
Peak Area (A-s): 0.091 Peak Height (A): 0.148  
Background Pk Area (A-s): 0.769 Background Pk Height (A): 0.232  
Blank Corrected Pk Area (A-s): 0.092  
Concentration (mg/L ): 0.0016

Mean Conc (mg/L ): 0.0016 SD: 0.00001 RSD(%): 0.74

~~~~~  
Cd ID: CCB1 Seq. No.: 00009 A/S Pos.: 5 Date: 09/07/93

Replicate 1 Time: 10:34
Peak Area (A-s): -0.002 Peak Height (A): 0.007
Background Pk Area (A-s): 0.734 Background Pk Height (A): 0.241
Blank Corrected Pk Area (A-s): -0.001
Concentration (mg/L): -0.0001

Replicate 2 Time: 10:36
Peak Area (A-s): 0.003 Peak Height (A): 0.010
Background Pk Area (A-s): 0.735 Background Pk Height (A): 0.238
Blank Corrected Pk Area (A-s): 0.003
Concentration (mg/L): 0.0000

Mean Conc (mg/L): -0.0000 SD: 0.00006 RSD(%): 928.18

~~~~~  
Cd ID: 9935(1:250) Seq. No.: 00010 A/S Pos.: 6 Date: 09/07/93

Replicate 1 Time: 10:39  
Peak Area (A-s): 0.092 Peak Height (A): 0.151  
Background Pk Area (A-s): 0.802 Background Pk Height (A): 0.245  
Blank Corrected Pk Area (A-s): 0.093  
Concentration (mg/L ): 0.0016

Replicate 2  
 Peak Area (A-s): 0.092  
 Background Pk Area (A-s): 0.776  
 Blank Corrected Pk Area (A-s): 0.092  
 Concentration (mg/L ): 0.0016

Time: 10:40  
 Peak Height (A): 0.149  
 Background Pk Height (A): 0.237

Mean Conc (mg/L ): 0.0016 SD: 0.00001 RSD(%): 0.44

~~~~~  
 Cd ID: +.0010 Seq. No.: 00011 A/S Pos.: 7 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.139
 Background Pk Area (A-s): 0.815
 Blank Corrected Pk Area (A-s): 0.140
 Concentration (mg/L): 0.0025

Time: 10:42
 Peak Height (A): 0.213
 Background Pk Height (A): 0.238

Replicate 2
 Peak Area (A-s): 0.139
 Background Pk Area (A-s): 0.832
 Blank Corrected Pk Area (A-s): 0.140
 Concentration (mg/L): 0.0025

Time: 10:44
 Peak Height (A): 0.215
 Background Pk Height (A): 0.250

Mean Conc (mg/L): 0.0025 SD: 0.00000 RSD(%): 0.05

~~~~~  
 Cd ID: 9934 Seq. No.: 00012 A/S Pos.: 8 Date: 09/07/93

Replicate 1  
 Peak Area (A-s): -0.000  
 Background Pk Area (A-s): 0.724  
 Blank Corrected Pk Area (A-s): 0.000  
 Concentration (mg/L ): -0.0000

Time: 10:46  
 Peak Height (A): 0.008  
 Background Pk Height (A): 0.235

Replicate 2  
 Peak Area (A-s): -0.001  
 Background Pk Area (A-s): 0.752  
 Blank Corrected Pk Area (A-s): -0.000  
 Concentration (mg/L ): -0.0000

Time: 10:48  
 Peak Height (A): 0.011  
 Background Pk Height (A): 0.247

Mean Conc (mg/L ): -0.0000 SD: 0.00001 RSD(%): 40.24

~~~~~  
 Cd ID: +.0010 Seq. No.: 00013 A/S Pos.: 9 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.061
 Background Pk Area (A-s): 0.801
 Blank Corrected Pk Area (A-s): 0.061
 Concentration (mg/L): 0.0011

Time: 10:50
 Peak Height (A): 0.101
 Background Pk Height (A): 0.251

Replicate 2
 Peak Area (A-s): 0.057
 Background Pk Area (A-s): 0.820
 Blank Corrected Pk Area (A-s): 0.057
 Concentration (mg/L): 0.0010

Time: 10:52
 Peak Height (A): 0.104
 Background Pk Height (A): 0.261

Mean Conc (mg/L): 0.0010 SD: 0.00005 RSD(%): 4.86

~~~~~  
Cd ID: 9941 Seq. No.: 00014 A/S Pos.: 10 Date: 09/07/93

Sample abs. is greater than that of the largest standard.  
Replicate 1 Time: 10:54  
Peak Area (A-s): 0.208 Peak Height (A): 0.338  
Background Pk Area (A-s): 0.769 Background Pk Height (A): 0.287  
Blank Corrected Pk Area (A-s): 0.208  
Concentration (mg/L ): 0.0037

Sample abs. is greater than that of the largest standard.  
Replicate 2 Time: 10:56  
Peak Area (A-s): 0.207 Peak Height (A): 0.324  
Background Pk Area (A-s): 0.820 Background Pk Height (A): 0.288  
Blank Corrected Pk Area (A-s): 0.208  
Concentration (mg/L ): 0.0037

Sample abs. is greater than that of the largest standard.  
Mean Conc (mg/L ): 0.0037 SD: 0.00001 RSD(%): 0.20

~~~~~  
Cd ID: +.0010 Seq. No.: 00015 A/S Pos.: 11 Date: 09/07/93

Sample abs. is greater than that of the largest standard.
Replicate 1 Time: 10:58
Peak Area (A-s): 0.239 Peak Height (A): 0.354
Background Pk Area (A-s): 0.864 Background Pk Height (A): 0.317
Blank Corrected Pk Area (A-s): 0.239
Concentration (mg/L): 0.0043

Sample abs. is greater than that of the largest standard.
Replicate 2 Time: 11:00
Peak Area (A-s): 0.234 Peak Height (A): 0.354
Background Pk Area (A-s): 0.869 Background Pk Height (A): 0.318
Blank Corrected Pk Area (A-s): 0.235
Concentration (mg/L): 0.0042

Sample abs. is greater than that of the largest standard.
Mean Conc (mg/L): 0.0042 SD: 0.00005 RSD(%): 1.22

~~~~~  
Cd ID: 9942 Seq. No.: 00016 A/S Pos.: 12 Date: 09/07/93

Sample abs. is greater than that of the largest standard.  
Replicate 1 Time: 11:02  
Peak Area (A-s): 0.465 Peak Height (A): 0.418  
Background Pk Area (A-s): 1.583 Background Pk Height (A): 1.260  
Blank Corrected Pk Area (A-s): 0.465  
Concentration (mg/L ): 0.0083

Sample abs. is greater than that of the largest standard.  
Replicate 2 Time: 11:03  
Peak Area (A-s): 0.475 Peak Height (A): 0.428  
Background Pk Area (A-s): 1.547 Background Pk Height (A): 1.231  
Blank Corrected Pk Area (A-s): 0.475  
Concentration (mg/L ): 0.0085

Sample abs. is greater than that of the largest standard.  
Mean Conc (mg/L ): 0.0084 SD: 0.00012 RSD(%): 1.46

~~~~~  
Cd ID: +.0010 Seq. No.: 00017 A/S Pos.: 13 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1 Time: 11:05
Peak Area (A-s): 0.471 Peak Height (A): 0.424
Background Pk Area (A-s): 1.534 Background Pk Height (A): 1.221
Blank Corrected Pk Area (A-s): 0.472
Concentration (mg/L): 0.0084

Sample abs. is greater than that of the largest standard.

Replicate 2 Time: 11:07
Peak Area (A-s): 0.469 Peak Height (A): 0.433
Background Pk Area (A-s): 1.512 Background Pk Height (A): 1.210
Blank Corrected Pk Area (A-s): 0.469
Concentration (mg/L): 0.0084

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 0.0084 SD: 0.00004 RSD(%): 0.44

~~~~~  
Cd ID: 9952(1:250) Seq. No.: 00018 A/S Pos.: 14 Date: 09/07/93

Replicate 1 Time: 11:42  
Peak Area (A-s): 0.081 Peak Height (A): 0.142  
Background Pk Area (A-s): 0.602 Background Pk Height (A): 0.209  
Blank Corrected Pk Area (A-s): 0.082  
Concentration (mg/L ): 0.0014

Replicate 2 Time: 11:44  
Peak Area (A-s): 0.081 Peak Height (A): 0.135  
Background Pk Area (A-s): 0.821 Background Pk Height (A): 0.256  
Blank Corrected Pk Area (A-s): 0.081  
Concentration (mg/L ): 0.0014

Mean Conc (mg/L ): 0.0014 SD: 0.00001 RSD(%): 0.52

~~~~~  
Cd ID: +.0010 Seq. No.: 00019 A/S Pos.: 15 Date: 09/07/93

Replicate 1 Time: 11:46
Peak Area (A-s): 0.123 Peak Height (A): 0.187
Background Pk Area (A-s): 0.873 Background Pk Height (A): 0.265
Blank Corrected Pk Area (A-s): 0.123
Concentration (mg/L): 0.0022

Replicate 2 Time: 11:48
Peak Area (A-s): 0.113 Peak Height (A): 0.174
Background Pk Area (A-s): 0.720 Background Pk Height (A): 0.210
Blank Corrected Pk Area (A-s): 0.114
Concentration (mg/L): 0.0020

Mean Conc (mg/L): 0.0021 SD: 0.00012 RSD(%): 5.73

~~~~~  
Cd ID: CCVF2 Seq. No.: 00020 A/S Pos.: 16 Date: 09/07/93

Replicate 1 Time: 11:51  
Peak Area (A-s): 0.088 Peak Height (A): 0.145

Background Pk Area (A-s): 0.941  
 Blank Corrected Pk Area (A-s): 0.089  
 Concentration (mg/L ): 0.0016

Background Pk Height (A): 0.294

Replicate 2  
 Peak Area (A-s): 0.078  
 Background Pk Area (A-s): 0.729  
 Blank Corrected Pk Area (A-s): 0.079  
 Concentration (mg/L ): 0.0014

Time: 11:53  
 Peak Height (A): 0.122  
 Background Pk Height (A): 0.215

Mean Conc (mg/L ): 0.0015

SD: 0.00013

RSD(%): 8.65

~~~~~  
 Cd ID: CCB2

Seq. No.: 00021

A/S Pos.: 17

Date: 09/07/93

Replicate 1
 Peak Area (A-s): -0.000
 Background Pk Area (A-s): 0.735
 Blank Corrected Pk Area (A-s): 0.000
 Concentration (mg/L): -0.0000

Time: 11:55
 Peak Height (A): 0.008
 Background Pk Height (A): 0.230

Replicate 2
 Peak Area (A-s): -0.001
 Background Pk Area (A-s): 0.779
 Blank Corrected Pk Area (A-s): 0.000
 Concentration (mg/L): -0.0000

Time: 11:57
 Peak Height (A): 0.008
 Background Pk Height (A): 0.244

Mean Conc (mg/L): -0.0000

SD: 0.00000

RSD(%): 3.18

~~~~~  
 Cd ID: 9951

Seq. No.: 00022

A/S Pos.: 18

Date: 09/07/93

Replicate 1  
 Peak Area (A-s): -0.001  
 Background Pk Area (A-s): 0.779  
 Blank Corrected Pk Area (A-s): -0.000  
 Concentration (mg/L ): -0.0000

Time: 11:58  
 Peak Height (A): 0.009  
 Background Pk Height (A): 0.245

Replicate 2  
 Peak Area (A-s): -0.001  
 Background Pk Area (A-s): 0.795  
 Blank Corrected Pk Area (A-s): -0.000  
 Concentration (mg/L ): -0.0000

Time: 12:00  
 Peak Height (A): 0.009  
 Background Pk Height (A): 0.247

Mean Conc (mg/L ): -0.0000

SD: 0.00000

RSD(%): 5.66

~~~~~  
 Cd ID: +.0010

Seq. No.: 00023

A/S Pos.: 19

Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.058
 Background Pk Area (A-s): 0.938
 Blank Corrected Pk Area (A-s): 0.058
 Concentration (mg/L): 0.0010

Time: 12:02
 Peak Height (A): 0.099
 Background Pk Height (A): 0.304

Replicate 2
 Peak Area (A-s): 0.048
 Background Pk Area (A-s): 0.834
 Blank Corrected Pk Area (A-s): 0.048

Time: 12:04
 Peak Height (A): 0.077
 Background Pk Height (A): 0.250

Concentration (mg/L): 0.0008

Mean Conc (mg/L): 0.0009 SD: 0.00013 RSD(%): 13.80

~~~~~  
Cd ID: 9943 Seq. No.: 00024 A/S Pos.: 20 Date: 09/07/93

Replicate 1 Time: 12:06  
Peak Area (A-s): 0.113 Peak Height (A): 0.186  
Background Pk Area (A-s): 1.045 Background Pk Height (A): 0.329  
Blank Corrected Pk Area (A-s): 0.114  
Concentration (mg/L ): 0.0020

Replicate 2 Time: 12:07  
Peak Area (A-s): 0.117 Peak Height (A): 0.187  
Background Pk Area (A-s): 1.045 Background Pk Height (A): 0.334  
Blank Corrected Pk Area (A-s): 0.117  
Concentration (mg/L ): 0.0021

Mean Conc (mg/L ): 0.0020 SD: 0.00004 RSD(%): 2.14

~~~~~  
Cd ID: +.0010 Seq. No.: 00025 A/S Pos.: 21 Date: 09/07/93

Replicate 1 Time: 12:09
Peak Area (A-s): 0.145 Peak Height (A): 0.233
Background Pk Area (A-s): 1.044 Background Pk Height (A): 0.327
Blank Corrected Pk Area (A-s): 0.145
Concentration (mg/L): 0.0026

Replicate 2 Time: 12:11
Peak Area (A-s): 0.141 Peak Height (A): 0.234
Background Pk Area (A-s): 1.023 Background Pk Height (A): 0.321
Blank Corrected Pk Area (A-s): 0.142
Concentration (mg/L): 0.0025

Mean Conc (mg/L): 0.0026 SD: 0.00004 RSD(%): 1.71

~~~~~  
Cd ID: 9944 Seq. No.: 00026 A/S Pos.: 22 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1 Time: 12:13  
Peak Area (A-s): 0.292 Peak Height (A): 0.396  
Background Pk Area (A-s): 1.100 Background Pk Height (A): 0.425  
Blank Corrected Pk Area (A-s): 0.292  
Concentration (mg/L ): 0.0052

Sample abs. is greater than that of the largest standard.

Replicate 2 Time: 12:15  
Peak Area (A-s): 0.312 Peak Height (A): 0.404  
Background Pk Area (A-s): 1.171 Background Pk Height (A): 0.455  
Blank Corrected Pk Area (A-s): 0.313  
Concentration (mg/L ): 0.0056

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L ): 0.0054 SD: 0.00026 RSD(%): 4.79

~~~~~  
Cd ID: +.0010 Seq. No.: 00027 A/S Pos.: 23 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1 Time: 12:16
Peak Area (A-s): 0.305 Peak Height (A): 0.396
Background Pk Area (A-s): 1.117 Background Pk Height (A): 0.441
Blank Corrected Pk Area (A-s): 0.306
Concentration (mg/L): 0.0055

Sample abs. is greater than that of the largest standard.

Replicate 2 Time: 12:18
Peak Area (A-s): 0.324 Peak Height (A): 0.417
Background Pk Area (A-s): 1.213 Background Pk Height (A): 0.477
Blank Corrected Pk Area (A-s): 0.324
Concentration (mg/L): 0.0058

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 0.0056 SD: 0.00023 RSD(%): 4.17

~~~~~  
Cd ID: 9945 Seq. No.: 00028 A/S Pos.: 24 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1 Time: 12:20  
Peak Area (A-s): 0.403 Peak Height (A): 0.427  
Background Pk Area (A-s): 1.136 Background Pk Height (A): 0.639  
Blank Corrected Pk Area (A-s): 0.403  
Concentration (mg/L ): 0.0072

Sample abs. is greater than that of the largest standard.

Replicate 2 Time: 12:22  
Peak Area (A-s): 0.407 Peak Height (A): 0.434  
Background Pk Area (A-s): 1.144 Background Pk Height (A): 0.636  
Blank Corrected Pk Area (A-s): 0.408  
Concentration (mg/L ): 0.0073

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L ): 0.0072 SD: 0.00005 RSD(%): 0.75

~~~~~  
Cd ID: +.0010 Seq. No.: 00029 A/S Pos.: 25 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1 Time: 12:24
Peak Area (A-s): 0.406 Peak Height (A): 0.426
Background Pk Area (A-s): 1.137 Background Pk Height (A): 0.643
Blank Corrected Pk Area (A-s): 0.406
Concentration (mg/L): 0.0073

Sample abs. is greater than that of the largest standard.

Replicate 2 Time: 12:26
Peak Area (A-s): 0.411 Peak Height (A): 0.431
Background Pk Area (A-s): 1.149 Background Pk Height (A): 0.658
Blank Corrected Pk Area (A-s): 0.411
Concentration (mg/L): 0.0074

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 0.0073 SD: 0.00006 RSD(%): 0.89

~~~~~  
Cd ID: 9946 Seq. No.: 00030 A/S Pos.: 26 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1 Time: 12:27  
Peak Area (A-s): 0.345 Peak Height (A): 0.423  
Background Pk Area (A-s): 1.217 Background Pk Height (A): 0.515  
Blank Corrected Pk Area (A-s): 0.345  
Concentration (mg/L ): 0.0062

Sample abs. is greater than that of the largest standard.

Replicate 2 Time: 12:29  
Peak Area (A-s): 0.344 Peak Height (A): 0.418  
Background Pk Area (A-s): 1.221 Background Pk Height (A): 0.518  
Blank Corrected Pk Area (A-s): 0.345  
Concentration (mg/L ): 0.0062

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L ): 0.0062 SD: 0.00000 RSD(%): 0.04

~~~~~  
Cd ID: +.0010 Seq. No.: 00031 A/S Pos.: 27 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1 Time: 12:31
Peak Area (A-s): 0.357 Peak Height (A): 0.429
Background Pk Area (A-s): 1.254 Background Pk Height (A): 0.544
Blank Corrected Pk Area (A-s): 0.358
Concentration (mg/L): 0.0064

Sample abs. is greater than that of the largest standard.

Replicate 2 Time: 12:33
Peak Area (A-s): 0.349 Peak Height (A): 0.417
Background Pk Area (A-s): 1.253 Background Pk Height (A): 0.544
Blank Corrected Pk Area (A-s): 0.349
Concentration (mg/L): 0.0062

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 0.0063 SD: 0.00010 RSD(%): 1.62

~~~~~  
Cd ID: CCVF3 Seq. No.: 00032 A/S Pos.: 28 Date: 09/07/93

Replicate 1 Time: 12:42  
Peak Area (A-s): 0.091 Peak Height (A): 0.149  
Background Pk Area (A-s): 0.917 Background Pk Height (A): 0.285  
Blank Corrected Pk Area (A-s): 0.092  
Concentration (mg/L ): 0.0016

Replicate 2 Time: 12:44  
Peak Area (A-s): 0.075 Peak Height (A): 0.113  
Background Pk Area (A-s): 0.709 Background Pk Height (A): 0.212  
Blank Corrected Pk Area (A-s): 0.076  
Concentration (mg/L ): 0.0013

Mean Conc (mg/L ): 0.0015 SD: 0.00020 RSD(%): 13.52

~~~~~  
Cd ID: CCB3 Seq. No.: 00033 A/S Pos.: 29 Date: 09/07/93

Replicate 1
Peak Area (A-s): -0.000
Background Pk Area (A-s): 0.730
Blank Corrected Pk Area (A-s): 0.000
Concentration (mg/L): -0.0000

Time: 12:46
Peak Height (A): 0.008
Background Pk Height (A): 0.230

Replicate 2
Peak Area (A-s): 0.000
Background Pk Area (A-s): 0.649
Blank Corrected Pk Area (A-s): 0.001
Concentration (mg/L): -0.0000

Time: 12:48
Peak Height (A): 0.010
Background Pk Height (A): 0.204

Mean Conc (mg/L): -0.0000

SD: 0.00001

RSD(%): 33.16

~~~~~  
Cd ID: 9947 Seq. No.: 00034 A/S Pos.: 30 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1  
Peak Area (A-s): 0.273  
Background Pk Area (A-s): 1.131  
Blank Corrected Pk Area (A-s): 0.274  
Concentration (mg/L ): 0.0049

Time: 12:50  
Peak Height (A): 0.375  
Background Pk Height (A): 0.420

Sample abs. is greater than that of the largest standard.

Replicate 2  
Peak Area (A-s): 0.270  
Background Pk Area (A-s): 1.122  
Blank Corrected Pk Area (A-s): 0.270  
Concentration (mg/L ): 0.0048

Time: 12:52  
Peak Height (A): 0.377  
Background Pk Height (A): 0.416

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L ): 0.0049

SD: 0.00004

RSD(%): 0.83

~~~~~  
Cd ID: +.0010 Seq. No.: 00035 A/S Pos.: 31 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1
Peak Area (A-s): 0.304
Background Pk Area (A-s): 1.170
Blank Corrected Pk Area (A-s): 0.305
Concentration (mg/L): 0.0054

Time: 12:54
Peak Height (A): 0.404
Background Pk Height (A): 0.466

Sample abs. is greater than that of the largest standard.

Replicate 2
Peak Area (A-s): 0.289
Background Pk Area (A-s): 1.143
Blank Corrected Pk Area (A-s): 0.289
Concentration (mg/L): 0.0052

Time: 12:56
Peak Height (A): 0.393
Background Pk Height (A): 0.439

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 0.0053

SD: 0.00020

RSD(%): 3.68

~~~~~  
Cd ID: 9948 Seq. No.: 00036 A/S Pos.: 32 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.181

Time: 12:58  
Peak Height (A): 0.289

Background Pk Area (A-s): 0.915                      Background Pk Height (A): 0.285  
Blank Corrected Pk Area (A-s): 0.182  
Concentration (mg/L ): 0.0032

Sample abs. is greater than that of the largest standard.  
Replicate 2                                              Time: 13:00  
Peak Area (A-s): 0.189                                  Peak Height (A): 0.288  
Background Pk Area (A-s): 0.924                      Background Pk Height (A): 0.285  
Blank Corrected Pk Area (A-s): 0.189  
Concentration (mg/L ): 0.0034

Sample abs. is greater than that of the largest standard.  
Mean Conc (mg/L ): 0.0033                      SD: 0.00010                      RSD(%): 2.99

~~~~~  
Cd ID: +.0010 Seq. No.: 00037 A/S Pos.: 33 Date: 09/07/93

Sample abs. is greater than that of the largest standard.
Replicate 1 Time: 13:01
Peak Area (A-s): 0.207 Peak Height (A): 0.314
Background Pk Area (A-s): 0.932 Background Pk Height (A): 0.309
Blank Corrected Pk Area (A-s): 0.208
Concentration (mg/L): 0.0037

Sample abs. is greater than that of the largest standard.
Replicate 2 Time: 13:03
Peak Area (A-s): 0.207 Peak Height (A): 0.325
Background Pk Area (A-s): 0.946 Background Pk Height (A): 0.317
Blank Corrected Pk Area (A-s): 0.208
Concentration (mg/L): 0.0037

Sample abs. is greater than that of the largest standard.
Mean Conc (mg/L): 0.0037 SD: 0.00000 RSD(%): 0.02

~~~~~  
Cd    ID: 9949                              Seq. No.: 00038                      A/S Pos.: 34                      Date: 09/07/93

Sample abs. is greater than that of the largest standard.  
Replicate 1                                              Time: 13:05  
Peak Area (A-s): 0.337                                  Peak Height (A): 0.421  
Background Pk Area (A-s): 1.269                      Background Pk Height (A): 0.533  
Blank Corrected Pk Area (A-s): 0.338  
Concentration (mg/L ): 0.0060

Sample abs. is greater than that of the largest standard.  
Replicate 2                                              Time: 13:07  
Peak Area (A-s): 0.341                                  Peak Height (A): 0.410  
Background Pk Area (A-s): 1.285                      Background Pk Height (A): 0.535  
Blank Corrected Pk Area (A-s): 0.341  
Concentration (mg/L ): 0.0061

Sample abs. is greater than that of the largest standard.  
Mean Conc (mg/L ): 0.0061                      SD: 0.00005                      RSD(%): 0.75

~~~~~  
Cd ID: +.0010 Seq. No.: 00039 A/S Pos.: 35 Date: 09/07/93

Sample abs. is greater than that of the largest standard.
Replicate 1 Time: 13:09

Peak Area (A-s): 0.346 Peak Height (A): 0.418
 Background Pk Area (A-s): 1.261 Background Pk Height (A): 0.541
 Blank Corrected Pk Area (A-s): 0.347
 Concentration (mg/L): 0.0062

Sample abs. is greater than that of the largest standard.

Replicate 2 Time: 13:11
 Peak Area (A-s): 0.348 Peak Height (A): 0.415
 Background Pk Area (A-s): 1.276 Background Pk Height (A): 0.558
 Blank Corrected Pk Area (A-s): 0.349
 Concentration (mg/L): 0.0062

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 0.0062 SD: 0.00003 RSD(%): 0.48

~~~~~  
 Cd ID: 9950 Seq. No.: 00040 A/S Pos.: 1 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1 Time: 13:15  
 Peak Area (A-s): 0.333 Peak Height (A): 0.406  
 Background Pk Area (A-s): 1.321 Background Pk Height (A): 0.512  
 Blank Corrected Pk Area (A-s): 0.334  
 Concentration (mg/L ): 0.0060

Sample abs. is greater than that of the largest standard.

Replicate 2 Time: 13:17  
 Peak Area (A-s): 0.328 Peak Height (A): 0.406  
 Background Pk Area (A-s): 1.304 Background Pk Height (A): 0.516  
 Blank Corrected Pk Area (A-s): 0.328  
 Concentration (mg/L ): 0.0059

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L ): 0.0059 SD: 0.00006 RSD(%): 1.10

~~~~~  
 Cd ID: +.0010 Seq. No.: 00041 A/S Pos.: 2 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1 Time: 13:18
 Peak Area (A-s): 0.340 Peak Height (A): 0.408
 Background Pk Area (A-s): 1.305 Background Pk Height (A): 0.527
 Blank Corrected Pk Area (A-s): 0.341
 Concentration (mg/L): 0.0061

Sample abs. is greater than that of the largest standard.

Replicate 2 Time: 13:20
 Peak Area (A-s): 0.345 Peak Height (A): 0.417
 Background Pk Area (A-s): 1.319 Background Pk Height (A): 0.536
 Blank Corrected Pk Area (A-s): 0.346
 Concentration (mg/L): 0.0062

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 0.0061 SD: 0.00007 RSD(%): 1.08

~~~~~  
 Cd ID: 9941(1:10) Seq. No.: 00042 A/S Pos.: 3 Date: 09/07/93

Replicate 1 Time: 13:22

Peak Area (A-s): 0.027  
 Background Pk Area (A-s): 0.898  
 Blank Corrected Pk Area (A-s): 0.028  
 Concentration (mg/L ): 0.0005

Peak Height (A): 0.052  
 Background Pk Height (A): 0.294

Replicate 2  
 Peak Area (A-s): 0.020  
 Background Pk Area (A-s): 0.738  
 Blank Corrected Pk Area (A-s): 0.021  
 Concentration (mg/L ): 0.0004

Time: 13:24  
 Peak Height (A): 0.041  
 Background Pk Height (A): 0.230

Mean Conc (mg/L ): 0.0004 SD: 0.00008 RSD(%): 20.26

~~~~~  
 Cd ID: +.0010 Seq. No.: 00043 A/S Pos.: 4 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.068
 Background Pk Area (A-s): 0.800
 Blank Corrected Pk Area (A-s): 0.068
 Concentration (mg/L): 0.0012

Time: 13:26
 Peak Height (A): 0.118
 Background Pk Height (A): 0.238

Replicate 2
 Peak Area (A-s): 0.082
 Background Pk Area (A-s): 0.737
 Blank Corrected Pk Area (A-s): 0.083
 Concentration (mg/L): 0.0015

Time: 13:27
 Peak Height (A): 0.132
 Background Pk Height (A): 0.220

Mean Conc (mg/L): 0.0013 SD: 0.00018 RSD(%): 13.48

~~~~~  
 Cd ID: CCVF4 Seq. No.: 00044 A/S Pos.: 5 Date: 09/07/93

Replicate 1  
 Peak Area (A-s): 0.074  
 Background Pk Area (A-s): 0.813  
 Blank Corrected Pk Area (A-s): 0.075  
 Concentration (mg/L ): 0.0013

Time: 13:29  
 Peak Height (A): 0.113  
 Background Pk Height (A): 0.242

Replicate 2  
 Peak Area (A-s): 0.079  
 Background Pk Area (A-s): 0.761  
 Blank Corrected Pk Area (A-s): 0.079  
 Concentration (mg/L ): 0.0014

Time: 13:31  
 Peak Height (A): 0.121  
 Background Pk Height (A): 0.227

Mean Conc (mg/L ): 0.0014 SD: 0.00005 RSD(%): 3.78

~~~~~  
 Cd ID: CCB4 Seq. No.: 00045 A/S Pos.: 6 Date: 09/07/93

Replicate 1
 Peak Area (A-s): 0.000
 Background Pk Area (A-s): 0.732
 Blank Corrected Pk Area (A-s): 0.001
 Concentration (mg/L): -0.0000

Time: 13:33
 Peak Height (A): 0.008
 Background Pk Height (A): 0.229

Replicate 2
 Peak Area (A-s): -0.002
 Background Pk Area (A-s): 0.746

Time: 13:35
 Peak Height (A): 0.008
 Background Pk Height (A): 0.232

Blank Corrected Pk Area (A-s): -0.001
Concentration (mg/L): -0.0000

Mean Conc (mg/L): -0.0000 SD: 0.00002 RSD(%): 80.70

~~~~~  
Cd ID: 9942(1:10) Seq. No.: 00046 A/S Pos.: 7 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1 Time: 13:39  
Peak Area (A-s): 0.230 Peak Height (A): 0.325  
Background Pk Area (A-s): 0.998 Background Pk Height (A): 0.327  
Blank Corrected Pk Area (A-s): 0.231  
Concentration (mg/L ): 0.0041

Sample abs. is greater than that of the largest standard.

Replicate 2 Time: 13:41  
Peak Area (A-s): 0.249 Peak Height (A): 0.341  
Background Pk Area (A-s): 1.040 Background Pk Height (A): 0.359  
Blank Corrected Pk Area (A-s): 0.249  
Concentration (mg/L ): 0.0044

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L ): 0.0043 SD: 0.00024 RSD(%): 5.50

~~~~~  
Cd ID: +.0010 Seq. No.: 00047 A/S Pos.: 8 Date: 09/07/93

Sample abs. is greater than that of the largest standard.

Replicate 1 Time: 13:43
Peak Area (A-s): 0.237 Peak Height (A): 0.340
Background Pk Area (A-s): 0.941 Background Pk Height (A): 0.330
Blank Corrected Pk Area (A-s): 0.237
Concentration (mg/L): 0.0042

Sample abs. is greater than that of the largest standard.

Replicate 2 Time: 13:45
Peak Area (A-s): 0.242 Peak Height (A): 0.344
Background Pk Area (A-s): 0.947 Background Pk Height (A): 0.328
Blank Corrected Pk Area (A-s): 0.242
Concentration (mg/L): 0.0043

Sample abs. is greater than that of the largest standard.

Mean Conc (mg/L): 0.0043 SD: 0.00006 RSD(%): 1.50

~~~~~  
Cd ID: 9942(1:100) Seq. No.: 00048 A/S Pos.: 9 Date: 09/07/93

Replicate 1 Time: 13:48  
Peak Area (A-s): 0.022 Peak Height (A): 0.045  
Background Pk Area (A-s): 0.866 Background Pk Height (A): 0.270  
Blank Corrected Pk Area (A-s): 0.022  
Concentration (mg/L ): 0.0004

Replicate 2 Time: 13:50  
Peak Area (A-s): 0.021 Peak Height (A): 0.042  
Background Pk Area (A-s): 0.829 Background Pk Height (A): 0.255  
Blank Corrected Pk Area (A-s): 0.022  
Concentration (mg/L ): 0.0004

Mean Conc (mg/L ): 0.0004 SD: 0.00001 RSD(%): 1.56

~~~~~  
Cd ID: +.0010 Seq. No.: 00049 A/S Pos.: 10 Date: 09/07/93

Replicate 1 Time: 13:52
Peak Area (A-s): 0.082 Peak Height (A): 0.133
Background Pk Area (A-s): 0.793 Background Pk Height (A): 0.232
Blank Corrected Pk Area (A-s): 0.082
Concentration (mg/L): 0.0014

Replicate 2 Time: 13:54
Peak Area (A-s): 0.080 Peak Height (A): 0.131
Background Pk Area (A-s): 0.797 Background Pk Height (A): 0.239
Blank Corrected Pk Area (A-s): 0.081
Concentration (mg/L): 0.0014

Mean Conc (mg/L): 0.0014 SD: 0.00002 RSD(%): 1.17

~~~~~  
Cd ID: 9944(1:100) Seq. No.: 00050 A/S Pos.: 11 Date: 09/07/93

Replicate 1 Time: 13:59  
Peak Area (A-s): 0.054 Peak Height (A): 0.088  
Background Pk Area (A-s): 0.997 Background Pk Height (A): 0.324  
Blank Corrected Pk Area (A-s): 0.055  
Concentration (mg/L ): 0.0010

Replicate 2 Time: 14:01  
Peak Area (A-s): 0.050 Peak Height (A): 0.092  
Background Pk Area (A-s): 0.940 Background Pk Height (A): 0.304  
Blank Corrected Pk Area (A-s): 0.051  
Concentration (mg/L ): 0.0009

Mean Conc (mg/L ): 0.0009 SD: 0.00005 RSD(%): 5.33

~~~~~  
Cd ID: +.0010 Seq. No.: 00051 A/S Pos.: 12 Date: 09/07/93

Replicate 1 Time: 14:03
Peak Area (A-s): 0.097 Peak Height (A): 0.160
Background Pk Area (A-s): 0.935 Background Pk Height (A): 0.290
Blank Corrected Pk Area (A-s): 0.097
Concentration (mg/L): 0.0017

Replicate 2 Time: 14:05
Peak Area (A-s): 0.098 Peak Height (A): 0.154
Background Pk Area (A-s): 0.763 Background Pk Height (A): 0.225
Blank Corrected Pk Area (A-s): 0.099
Concentration (mg/L): 0.0017

Mean Conc (mg/L): 0.0017 SD: 0.00002 RSD(%): 0.88

~~~~~  
Cd ID: 9945(1:10) Seq. No.: 00052 A/S Pos.: 13 Date: 09/07/93

Replicate 1 Time: 14:09  
Peak Area (A-s): 0.096 Peak Height (A): 0.157  
Background Pk Area (A-s): 0.849 Background Pk Height (A): 0.249

Blank Corrected Pk Area (A-s): 0.096  
Concentration (mg/L ): 0.0017

Replicate 2  
Peak Area (A-s): 0.098  
Background Pk Area (A-s): 0.825  
Blank Corrected Pk Area (A-s): 0.098  
Concentration (mg/L ): 0.0017

Time: 14:11  
Peak Height (A): 0.158  
Background Pk Height (A): 0.244

Mean Conc (mg/L ): 0.0017 SD: 0.00002 RSD(%): 1.43

~~~~~  
Cd ID: +.0010 Seq. No.: 00053 A/S Pos.: 14 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.128
Background Pk Area (A-s): 0.842
Blank Corrected Pk Area (A-s): 0.128
Concentration (mg/L): 0.0023

Time: 14:13
Peak Height (A): 0.209
Background Pk Height (A): 0.240

Replicate 2
Peak Area (A-s): 0.123
Background Pk Area (A-s): 0.754
Blank Corrected Pk Area (A-s): 0.124
Concentration (mg/L): 0.0022

Time: 14:15
Peak Height (A): 0.175
Background Pk Height (A): 0.213

Mean Conc (mg/L): 0.0022 SD: 0.00005 RSD(%): 2.40

~~~~~  
Cd ID: 9946(1:10) Seq. No.: 00054 A/S Pos.: 15 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.044  
Background Pk Area (A-s): 0.785  
Blank Corrected Pk Area (A-s): 0.044  
Concentration (mg/L ): 0.0008

Time: 14:17  
Peak Height (A): 0.086  
Background Pk Height (A): 0.235

Replicate 2  
Peak Area (A-s): 0.047  
Background Pk Area (A-s): 0.782  
Blank Corrected Pk Area (A-s): 0.047  
Concentration (mg/L ): 0.0008

Time: 14:19  
Peak Height (A): 0.081  
Background Pk Height (A): 0.238

Mean Conc (mg/L ): 0.0008 SD: 0.00004 RSD(%): 5.00

~~~~~  
Cd ID: +.0010 Seq. No.: 00055 A/S Pos.: 16 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.087
Background Pk Area (A-s): 0.743
Blank Corrected Pk Area (A-s): 0.087
Concentration (mg/L): 0.0015

Time: 14:21
Peak Height (A): 0.133
Background Pk Height (A): 0.218

Replicate 2
Peak Area (A-s): 0.128
Background Pk Area (A-s): 0.818
Blank Corrected Pk Area (A-s): 0.129
Concentration (mg/L): 0.0023

Time: 14:22
Peak Height (A): 0.195
Background Pk Height (A): 0.232

Mean Conc (mg/L): 0.0019 SD: 0.00053 RSD(%): 27.50

~~~~~  
Cd ID: CCVF5 Seq. No.: 00056 A/S Pos.: 17 Date: 09/07/93

Replicate 1 Time: 14:25  
Peak Area (A-s): 0.096 Peak Height (A): 0.151  
Background Pk Area (A-s): 0.854 Background Pk Height (A): 0.248  
Blank Corrected Pk Area (A-s): 0.096  
Concentration (mg/L ): 0.0017

Replicate 2 Time: 14:27  
Peak Area (A-s): 0.062 Peak Height (A): 0.098  
Background Pk Area (A-s): 0.796 Background Pk Height (A): 0.238  
Blank Corrected Pk Area (A-s): 0.062  
Concentration (mg/L ): 0.0011

Mean Conc (mg/L ): 0.0014 SD: 0.00043 RSD(%): 30.68

~~~~~  
Cd ID: CCB5 Seq. No.: 00057 A/S Pos.: 18 Date: 09/07/93

Replicate 1 Time: 14:28
Peak Area (A-s): 0.002 Peak Height (A): 0.008
Background Pk Area (A-s): 0.716 Background Pk Height (A): 0.222
Blank Corrected Pk Area (A-s): 0.002
Concentration (mg/L): 0.0000

Replicate 2 Time: 14:30
Peak Area (A-s): -0.002 Peak Height (A): 0.010
Background Pk Area (A-s): 0.734 Background Pk Height (A): 0.231
Blank Corrected Pk Area (A-s): -0.001
Concentration (mg/L): -0.0000

Mean Conc (mg/L): -0.0000 SD: 0.00004 RSD(%): 369.41

~~~~~  
Cd ID: 9947(1:10) Seq. No.: 00058 A/S Pos.: 19 Date: 09/07/93

Replicate 1 Time: 14:32  
Peak Area (A-s): 0.044 Peak Height (A): 0.073  
Background Pk Area (A-s): 0.949 Background Pk Height (A): 0.307  
Blank Corrected Pk Area (A-s): 0.044  
Concentration (mg/L ): 0.0008

Replicate 2 Time: 14:34  
Peak Area (A-s): 0.036 Peak Height (A): 0.060  
Background Pk Area (A-s): 0.866 Background Pk Height (A): 0.266  
Blank Corrected Pk Area (A-s): 0.036  
Concentration (mg/L ): 0.0006

Mean Conc (mg/L ): 0.0007 SD: 0.00010 RSD(%): 13.98

~~~~~  
Cd ID: +.0010 Seq. No.: 00059 A/S Pos.: 20 Date: 09/07/93

Replicate 1 Time: 14:36
Peak Area (A-s): 0.109 Peak Height (A): 0.168
Background Pk Area (A-s): 0.838 Background Pk Height (A): 0.244

Blank Corrected Pk Area (A-s): 0.110
Concentration (mg/L): 0.0019

Replicate 2
Peak Area (A-s): 0.087
Background Pk Area (A-s): 0.770
Blank Corrected Pk Area (A-s): 0.088
Concentration (mg/L): 0.0016

Time: 14:37
Peak Height (A): 0.135
Background Pk Height (A): 0.225

Mean Conc (mg/L): 0.0017 SD: 0.00028 RSD(%): 15.91

~~~~~  
Cd ID: 9948(1:10) Seq. No.: 00060 A/S Pos.: 21 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.028  
Background Pk Area (A-s): 0.767  
Blank Corrected Pk Area (A-s): 0.028  
Concentration (mg/L ): 0.0005

Time: 14:39  
Peak Height (A): 0.047  
Background Pk Height (A): 0.235

Replicate 2  
Peak Area (A-s): 0.028  
Background Pk Area (A-s): 0.770  
Blank Corrected Pk Area (A-s): 0.029  
Concentration (mg/L ): 0.0005

Time: 14:41  
Peak Height (A): 0.052  
Background Pk Height (A): 0.238

Mean Conc (mg/L ): 0.0005 SD: 0.00001 RSD(%): 1.55

~~~~~  
Cd ID: +.0010 Seq. No.: 00061 A/S Pos.: 22 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.068
Background Pk Area (A-s): 0.794
Blank Corrected Pk Area (A-s): 0.069
Concentration (mg/L): 0.0012

Time: 14:43
Peak Height (A): 0.118
Background Pk Height (A): 0.235

Replicate 2
Peak Area (A-s): 0.082
Background Pk Area (A-s): 0.736
Blank Corrected Pk Area (A-s): 0.083
Concentration (mg/L): 0.0015

Time: 14:44
Peak Height (A): 0.129
Background Pk Height (A): 0.212

Mean Conc (mg/L): 0.0013 SD: 0.00017 RSD(%): 13.00

~~~~~  
Cd ID: 9949(1:10) Seq. No.: 00062 A/S Pos.: 23 Date: 09/07/93

Replicate 1  
Peak Area (A-s): 0.049  
Background Pk Area (A-s): 0.800  
Blank Corrected Pk Area (A-s): 0.050  
Concentration (mg/L ): 0.0009

Time: 14:46  
Peak Height (A): 0.083  
Background Pk Height (A): 0.243

Replicate 2  
Peak Area (A-s): 0.045  
Background Pk Area (A-s): 0.777  
Blank Corrected Pk Area (A-s): 0.045  
Concentration (mg/L ): 0.0008

Time: 14:48  
Peak Height (A): 0.077  
Background Pk Height (A): 0.234

Mean Conc (mg/L ): 0.0008 SD: 0.00006 RSD(%): 6.80

~~~~~  
Cd ID: +.0010 Seq. No.: 00063 A/S Pos.: 24 Date: 09/07/93

Replicate 1 Time: 14:50
Peak Area (A-s): 0.108 Peak Height (A): 0.171
Background Pk Area (A-s): 0.834 Background Pk Height (A): 0.245
Blank Corrected Pk Area (A-s): 0.109
Concentration (mg/L): 0.0019

Replicate 2 Time: 14:52
Peak Area (A-s): 0.110 Peak Height (A): 0.173
Background Pk Area (A-s): 0.846 Background Pk Height (A): 0.246
Blank Corrected Pk Area (A-s): 0.111
Concentration (mg/L): 0.0020

Mean Conc (mg/L): 0.0019 SD: 0.00003 RSD(%): 1.43

~~~~~  
Cd ID: 9950(1:10) Seq. No.: 00064 A/S Pos.: 25 Date: 09/07/93

Replicate 1 Time: 14:54  
Peak Area (A-s): 0.044 Peak Height (A): 0.081  
Background Pk Area (A-s): 0.835 Background Pk Height (A): 0.249  
Blank Corrected Pk Area (A-s): 0.045  
Concentration (mg/L ): 0.0008

Replicate 2 Time: 14:55  
Peak Area (A-s): 0.042 Peak Height (A): 0.077  
Background Pk Area (A-s): 0.839 Background Pk Height (A): 0.249  
Blank Corrected Pk Area (A-s): 0.043  
Concentration (mg/L ): 0.0007

Mean Conc (mg/L ): 0.0008 SD: 0.00003 RSD(%): 3.95

~~~~~  
Cd ID: +.0010 Seq. No.: 00065 A/S Pos.: 26 Date: 09/07/93

Replicate 1 Time: 14:57
Peak Area (A-s): 0.082 Peak Height (A): 0.144
Background Pk Area (A-s): 0.852 Background Pk Height (A): 0.247
Blank Corrected Pk Area (A-s): 0.083
Concentration (mg/L): 0.0015

Replicate 2 Time: 14:59
Peak Area (A-s): 0.088 Peak Height (A): 0.145
Background Pk Area (A-s): 0.838 Background Pk Height (A): 0.246
Blank Corrected Pk Area (A-s): 0.088
Concentration (mg/L): 0.0016

Mean Conc (mg/L): 0.0015 SD: 0.00006 RSD(%): 4.29

~~~~~  
Cd ID: CCVF6 Seq. No.: 00066 A/S Pos.: 27 Date: 09/07/93

Replicate 1 Time: 15:03  
Peak Area (A-s): 0.089 Peak Height (A): 0.148  
Background Pk Area (A-s): 0.844 Background Pk Height (A): 0.251

Blank Corrected Pk Area (A-s): 0.090  
Concentration (mg/L ): 0.0016

Replicate 2  
Peak Area (A-s): 0.089  
Background Pk Area (A-s): 0.868  
Blank Corrected Pk Area (A-s): 0.090  
Concentration (mg/L ): 0.0016

Time: 15:05  
Peak Height (A): 0.151  
Background Pk Height (A): 0.253

Mean Conc (mg/L ): 0.0016 SD: 0.00000 RSD(%): 0.20

~~~~~  
Cd ID: CCB6 Seq. No.: 00067 A/S Pos.: 28 Date: 09/07/93

Replicate 1
Peak Area (A-s): 0.000
Background Pk Area (A-s): 0.798
Blank Corrected Pk Area (A-s): 0.001
Concentration (mg/L): -0.0000

Time: 15:07
Peak Height (A): 0.013
Background Pk Height (A): 0.250

Replicate 2
Peak Area (A-s): -0.000
Background Pk Area (A-s): 0.764
Blank Corrected Pk Area (A-s): 0.000
Concentration (mg/L): -0.0000

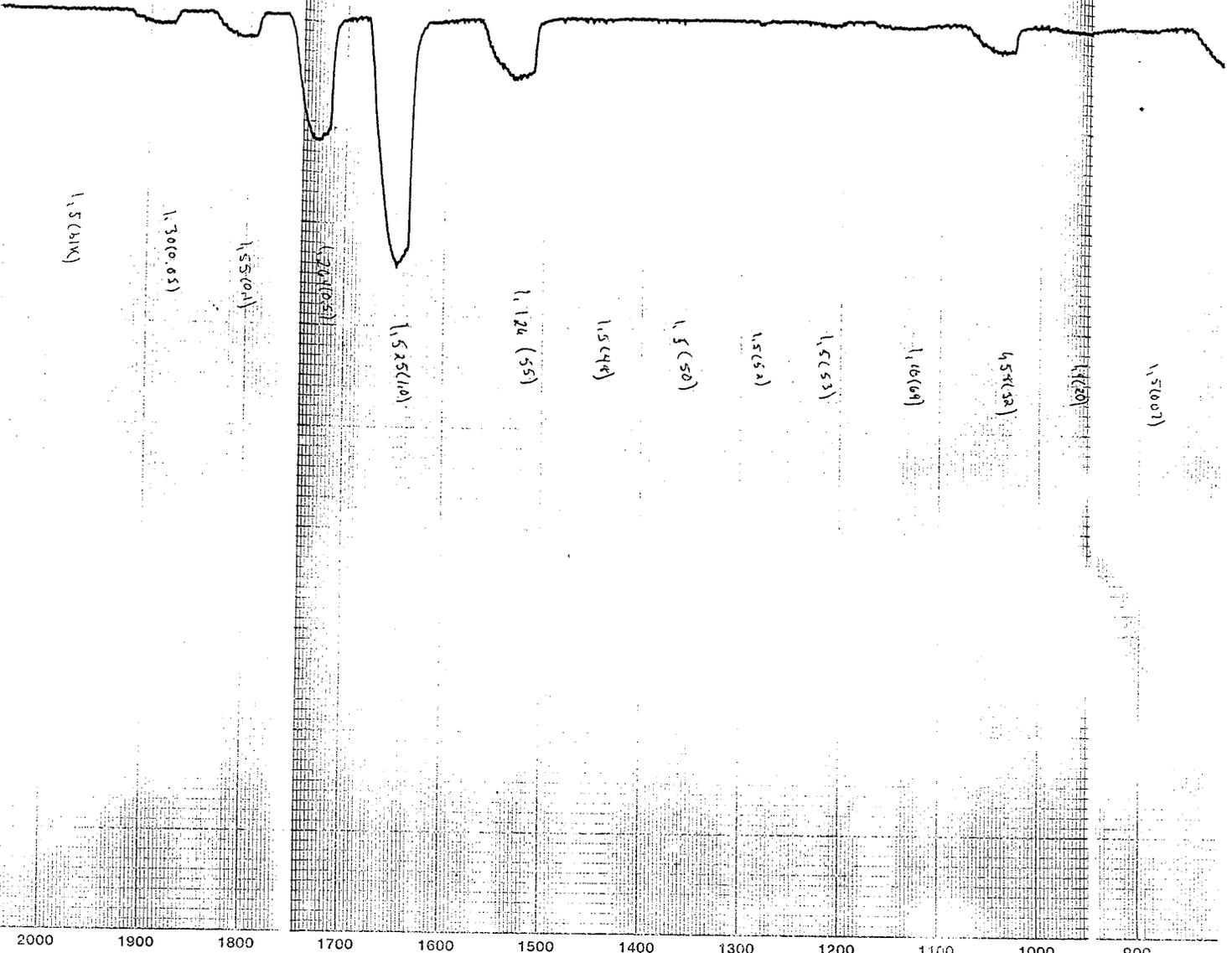
Time: 15:09
Peak Height (A): 0.009
Background Pk Height (A): 0.241

Mean Conc (mg/L): -0.0000 SD: 0.00000 RSD(%): 38.81

| DATE ANALYST | JOB | SAMPLE | DUP/SPK | WT/VOL | BOD | ABS VALUE | RESULTS |
|--------------|---------|-------------------------------|---------|--------|-----|-----------|---------|
| 8/23/93 | | blk (stds) | | | | 4 | |
| DLB | | 0.05 | | | | 29 | |
| | | 0.1 | | | | 54 | |
| | | 0.5 | | | | 263 | |
| | | 1.0 | | | | 524 | |
| | RUP | H ₂ O ₂ | | 30 | 55 | 125 | 0.0078 |
| | ICB | blank | | 100 | 48 | 4 | 20.0002 |
| | PB51 | prep blank | | 100 | 50 | 4 | 20.0002 |
| ✓ | 93-2549 | A504 1596 | | 0.2234 | 52 | 4 | 20.0876 |
| | (soil) | 1597 | | 0.2100 | 53 | 4 | 20.0932 |
| | | 1598 | | 0.2018 | 69 | 9 | 20.0970 |
| | | 40.1 | SPK | 0.2019 | 32 | 57 | 100% |
| | | 1598 | dup | 0.2014 | 20 | 8 | 20.0972 |
| | | 1599 | | 0.2137 | 007 | 4 | 20.0916 |
| | LC551 | 214 CLP soil | | 0.0350 | 337 | 81 | 4.256 |
| 9941 | 93-2646 | A504 2455 | | 0.2108 | 183 | 4 | 20.0928 |
| 9942 | (soil) | 2456 | | 0.2077 | 59 | 4 | 20.0942 |
| | CCNP1 | H ₂ O ₂ | | 30 | 51 | 129 | 0.0081 |
| | CCB1 | blank | | 100 | 49 | 4 | 20.0002 |
| | | blk (stds) | | | | 4 | |
| | | 0.05 | | | | 31 | |
| | | 0.1 | | | | 57 | |
| | | 0.5 | | | | 243 | |
| | | 1.0 | | | | 512 | |
| ✓ | 93-2665 | A504 2549 | | 0.2054 | 159 | 34 | 0.2766 |
| | (soil) | 2550 | | 0.2018 | 20 | 20 | 0.1456 |
| | | 2556 | | 0.2144 | 38 | 19 | 0.1278 |

Ran
8/24/93
DLB

| DATE ANALYST | JOB | SAMPLE | DUP/SPK | WT/VOL | BOD | ABS VALUE | RESULTS |
|--------------|-----------|------------------|---------|--------|-----|-----------|---------|
| 8/23/93 | ✓ 93-2665 | A504 25571 | | 0.2236 | 53 | 18 | 0.1138 |
| DLB | (Soil) | 25582 | | 0.2007 | 259 | 24 | 0.1454 |
| | | 2554 | | 0.2080 | 67 | 36 | 0.2920 |
| | | 2555 | | 0.2391 | 54 | 20 | 0.1234 |
| | | 25543 | | 0.2034 | 49 | 17 | 0.1155 |
| | ✓ 93-2683 | A504 2624 | | 0.2074 | 148 | 20 | 0.1416 |
| | (Soil) | 2625 | | 0.2295 | 56 | 19 | 0.1194 |
| | CCNP2 | Hg Qc | | 30 | 50 | 127 | 0.0080 |
| | CCB2 | blank | | 100 | 38 | 4 | 20.0002 |
| | | blx (stds) | | | | 4 | |
| | | 0.05 | | | | 33 | |
| | | 0.1 | | | | 59 | |
| | | 0.5 | | | | 265 | |
| | | 1.0 | | | | 503 | |
| | | A504 2626 | | 0.2029 | 20 | 20 | 0.1448 |
| | | 2627 | | 0.2136 | 56 | 37 | 0.2935 |
| | | 2628 | | 0.2373 | 50 | 26 | 0.1733 |
| | | 2629 | | 0.2074 | 58 | 17 | 0.1133 |
| | | 40.1 | SPK | 0.2092 | 62 | 73 | 108% |
| | | 2629 | dup | 0.2203 | 43 | 19 | 0.1244 |
| | | 214 CAP Soil | | 0.0289 | 26 | 67 | 4.204 |
| | CCNP3 | Hg Qc | | 30 | 4 | 122 | 0.0076 |
| | CCB3 | blank | | 100 | 44 | 4 | 20.0002 |
| | | blx 10.05 (stds) | | | | 4/30 | |
| | | 0.1 | | | | 57 | |
| | | 0.5 | | | | 254 | |
| | | 1.0 | | | | 522 | |



| Wavenumber (cm⁻¹) | Relative Intensity |
|-------------------|--------------------|
| 1570.03 | 1.0 |
| 1550.01 | 0.5 |
| 1525.10 | 0.5 |
| 1500.05 | 0.1 |
| 1470 | 0.05 |
| 1426.55 | 0.1 |
| 1404 | 0.1 |
| 1350 | 0.1 |
| 1269 | 0.1 |
| 1252 | 0.1 |
| 1224 | 0.1 |
| 1170 | 0.1 |

X 410 308 528 204.2 575.0 257
 58 0.0 1.33 1.6 4.35 2.57
 X 2.84
 20000 5.42
 CORR. 999995
 1. = 10151
 3 < for room's at 0.0002

5/24/13
 H. D. P.
 20000
 10 MV
 0.5 cm/min
 5700 8700
 1400
 5/24/13
 DCB

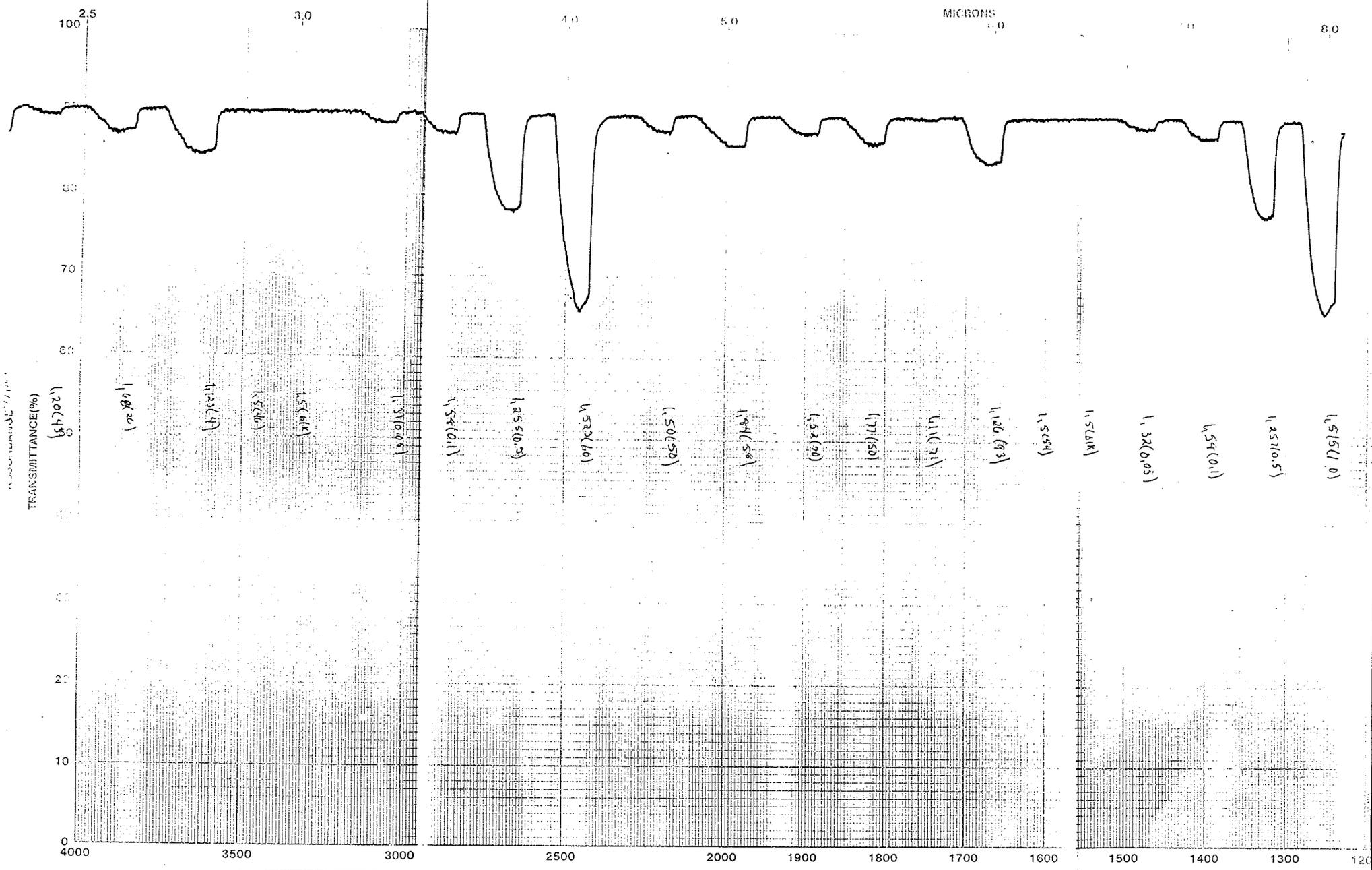
NAME ---
 DATE ---

WAVENUMBER (CM. -1)

CHART NO.500-1137

BUCK SCIENTIFIC
 EAST NORWALK, CT.

1331



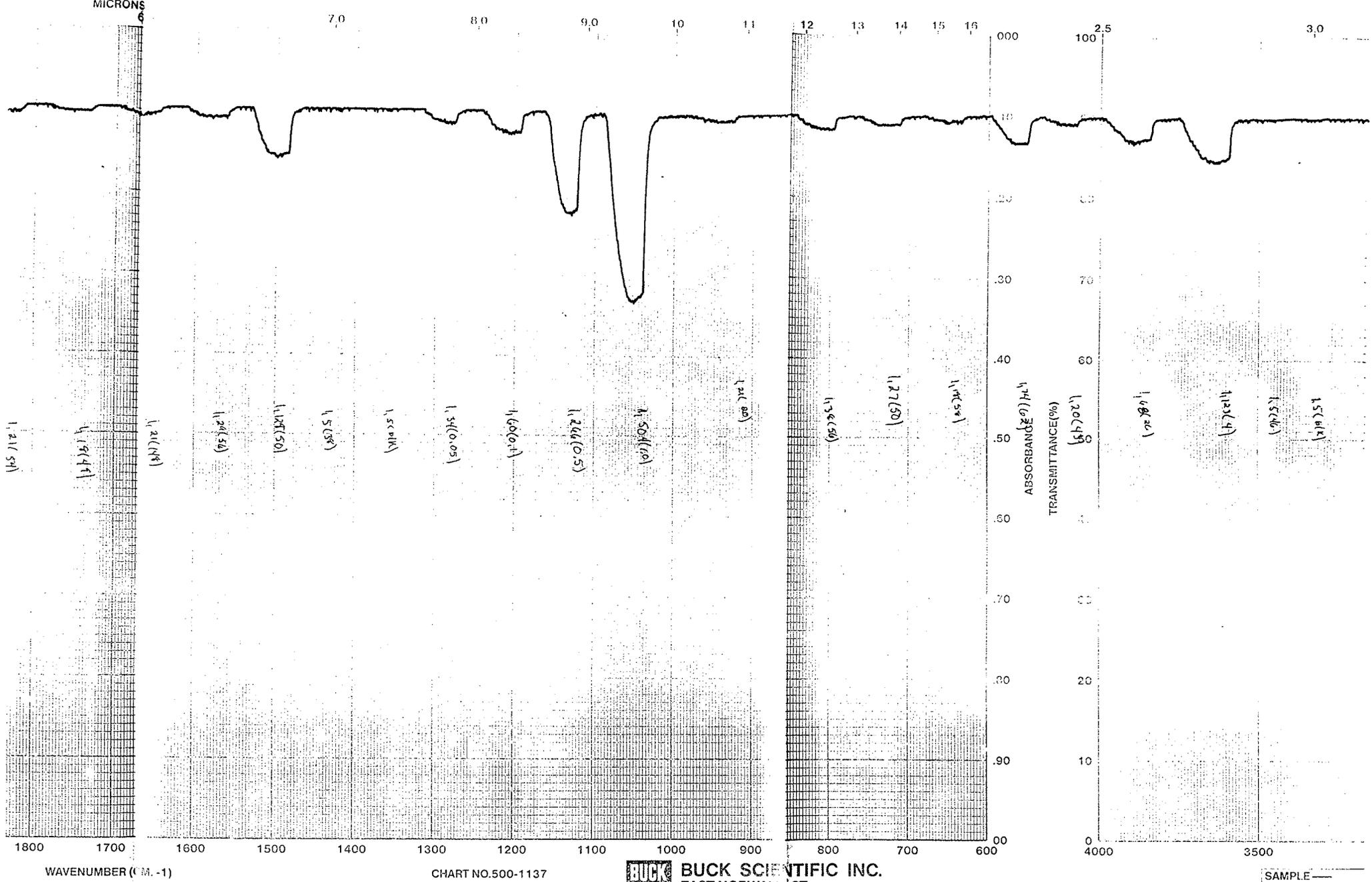
SAMPLE _____
SCAN TIME - _____

NAME - _____
DATE _____

WAVENUMBER (CM.-1)

CHART NO.500-

1332



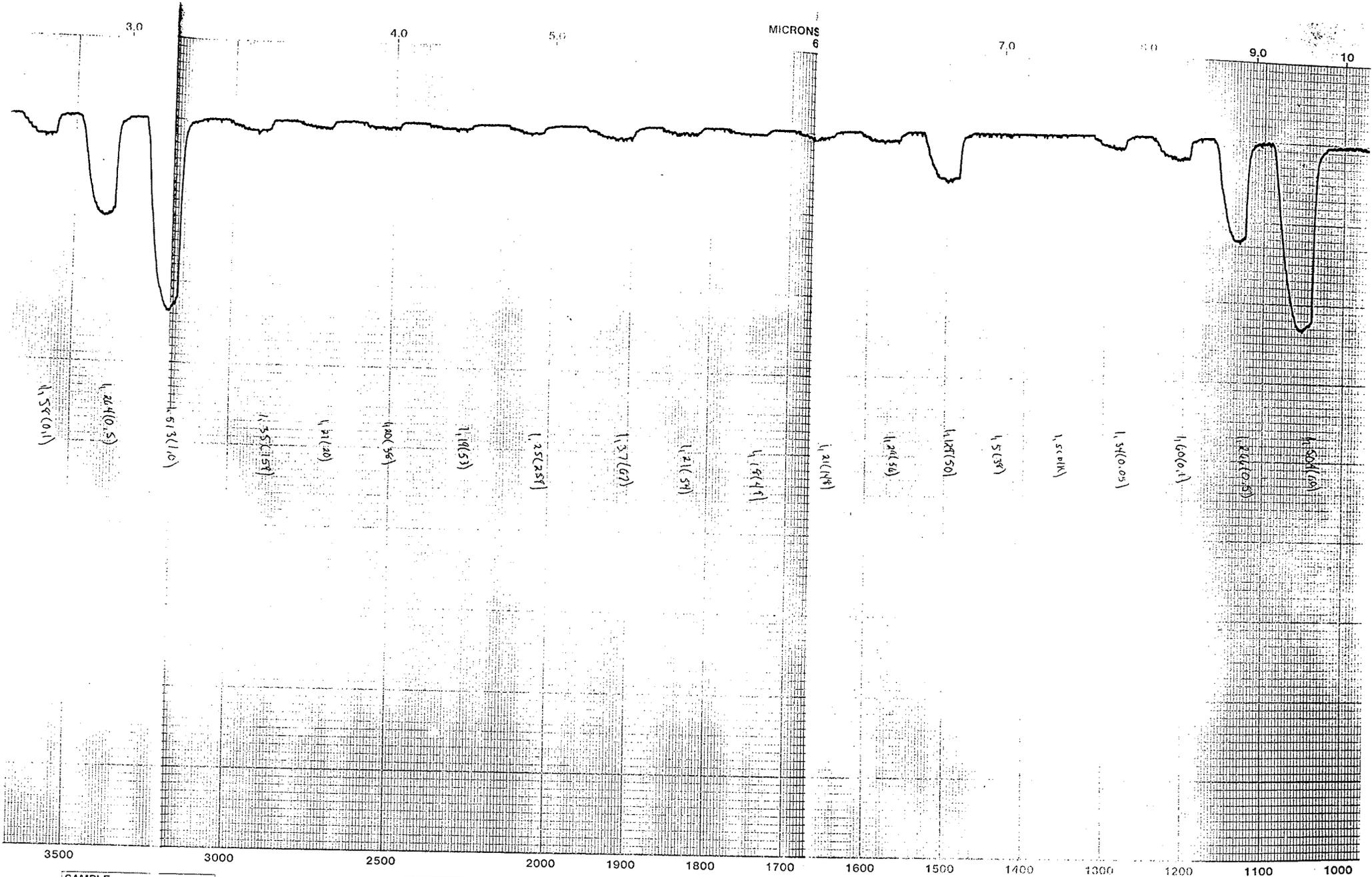
WAVENUMBER (CM. -1)

CHART NO.500-1137

BUCK SCIENTIFIC INC.
EAST NORWALD, CT.

SAMPLE _____
SCAN TIME - _____
TRAN/ABS - _____

1333



SAMPLE —
 SCAN TIME —
 TRAN/ABS —

NAME —
 DATE —

CHART NO. 500-1137



B
E

1334

CYANIDE LOG NY ENVIRONMENTAL TESTING SERVICES

| DATE | ANALYST | JOB # | SAMPLE I.D. | TYPE | DIST. FLASK # | SPEC FLASK # | SAMPLE VOL./WT. | SPEC. VOL. | ABS | ABS BLANK | CURVE (ug) | FINAL CONC. mg/l or ug/g | COMMENTS |
|------|---------|---------|-------------------------|------|---------------|--------------|-----------------|------------|-------|-----------|------------|--------------------------|---|
| 2/93 | KEK | | BLANK | TCN | - | 1 | 0/100 | 50 | 0.000 | | | | START TIME 8:45AM CN READ ON MILTON-ROY 1201 MIDI-DISTILLATION CORR. = 0.9999 |
| | | STD | 0.2 ug CN ⁻ | | - | 2 | 0.04/100 | 50 | 0.003 | | | | |
| | | | 0.5 ug CN ⁻ | | - | 3 | 0.1/100 | 50 | 0.008 | | | | |
| | | | 1.0 ug CN ⁻ | | - | 4 | 0.2/100 | 50 | 0.015 | | | | |
| | | | 2.0 ug CN ⁻ | | - | 5 | 0.4/100 | 50 | 0.027 | | | | |
| | | | 5.0 ug CN ⁻ | | - | 6 | 1.0/100 | 50 | 0.070 | | | | |
| | | | 10.0 ug CN ⁻ | | - | 7 | 2.0/100 | 50 | 0.135 | | | | |
| | | | 15.0 ug CN ⁻ | | - | 8 | 3.0/100 | 50 | 0.211 | | | | |
| | | | 20.0 ug CN ⁻ | | - | 9 | 4.0/100 | 50 | 0.275 | | | | |
| | | | 30.0 ug CN ⁻ | | - | 10 | 6.0/100 | 50 | 0.411 | | | | |
| 3/93 | MK | STD | 15.0 ug CN ⁻ | TCN | - | 1 | 0.15/100 | 50 | 0.213 | | 15.48 | 103% | END TIME 9:45AM Start 8:15 AM DISTILLED 8/2-193 ERA 9949 ACTUAL = 0.48 RANGE = 0.35-0.68 |
| | | | 2.0 ug CN ⁻ | | - | 2 | 0.02/100 | 50 | 0.027 | | 1.92 | 96.0% | |
| | | ICV | 0.2500M | | 1 | 3 | 0.25/50 | 50 | 0.182 | | 13.22 | 106% | |
| | | ICB | CAL BLANK | | - | 4 | 0/100 | 50 | 0.000 | | <0.5 | <0.01 | |
| | | LCSW | ERA 9949 | | 2 | 5 | 50 | 50 | 0.297 | | 21.60 | 0.43 | |
| | | PB | PREP BLANK | | 3 | 6 | 0/50 | 50 | 0.000 | | <0.5 | <0.01 | |
| | | 93-2348 | AS039890 | | 4 | 7 | 50 | 50 | 0.005 | | <0.5 | <0.01 | |
| | | SPIKE | AS039890 | | 5 | 8 | 50 | 50 | 0.171 | | 12.41 | 99.3% | |
| | | DUP | AS039890 | | 6 | 9 | 50 | 50 | 0.005 | | <0.5 | <0.01 | |
| | | | AS039892 | | 7 | 10 | 50 | 50 | 0.003 | | <0.5 | <0.01 | |
| | | | AS039893 | | 8 | 1 | 50 | 50 | 0.037 | | 2.65 | 0.053 | |

CALCULATIONS:

AQUEOUS: CN, mg/l = $\frac{\text{Curve Conc.}}{\text{ml Sample}}$

SOIL: CN, ug/g = $\frac{\text{Curve Conc.}}{\text{g Sample}}$

000062

1336

CYANIDE LOG
NY ENVIRONMENTAL TESTING SERVICES

| DATE | ANALYST | JOB # | SAMPLE I.D. | TYPE | DIST. FLASK # | SPEC FLASK # | SAMPLE VOL./WT. | SPEC. VOL. | ABS | ABS BLANK | CURVE (ug) | FINAL CONC. mg/l or ug/g | COMMENTS |
|---------|---------|----------|-----------------|------|---------------|--------------|-----------------|------------|-------|-----------|------------|--------------------------|---|
| 8/17/93 | KAS | CSB | CAL BLANK | TCN | — | 28 | %/100 | 50 | 0.000 | | <0.5 | <0.01 | DISTILLED 8/16/93 |
| | | 93-2574 | AS041864 | | 4 | 29 | 50 | 50 | 0.002 | | <0.5 | <0.01 | |
| | | | AS041865 | | 5 | 30 | 50 | 50 | 0.001 | | <0.5 | <0.01 | |
| | | 93-21003 | AS042094 | | 6 | 31 | 50 | 50 | 0.008 | | 0.54 | 0.011 | |
| | | | AS042095 | | 7 | 32 | 50 | 50 | 0.003 | | <0.5 | <0.01 | |
| | | | AS042096 | | 8 | 33 | 50 | 50 | 0.002 | | <0.5 | <0.01 | |
| | | MSB | BLANK SPIKE | | 9 | 34 | 50 | 50 | 0.177 | | 12.85 | 103% | |
| | | MSB/D | BLANK SPIKE DUP | | 10 | 35 | 50 | 50 | 0.181 | | 13.14 | 105% | |
| | | CCV | 0.25 ppm | | 1 | 36 | 0.25/50 | 50 | 0.193 | | 14.02 | 112% | |
| | | CCB | CAL BLANK | | — | 37 | %/100 | 50 | 0.000 | | <0.5 | <0.01 | |
| 8/20/93 | JPL | STD. | 15.0 ug CN- | TCN | — | 1 | 0.15/100 | 50 | 0.207 | | 15.04 | 100.3% | Start 8:20 AM |
| | | | 2.0 ug CN- | | — | 2 | 0.02/100 | | 0.029 | | 2.07 | 103.3% | |
| | ICAP | ICV | 0.25 ppm | | 1 | 3 | 0.25/50 | | 0.196 | | 14.24 | 113.9% | ERA 214 ACTUAL 117006 RANGE 36-198 48/9 |
| | ICB | ICB | CAL BLANK | | — | 4 | %/100 | | 0.000 | | <0.5 | <0.01 | DISTILLED 8/19/93 |
| | | LCS | ERA QC (214) | | 2 | 5 | 0.1003 | | 0.240 | | 17.44 | 173.9 | |
| | | PB | PREP BLANK | | 3 | 6 | 50 | | 0.001 | | <0.5 | <0.01 | DISTILLED 8/19/93 |
| | | 2629 | AS042376 | | 4 | 7 | 50 | | 0.000 | | <0.5 | <0.01 | * read on Milton Roy 1201 curve 8/2/93 |
| | | | 77 | | 5 | 8 | 50 | | 0.001 | | <0.5 | <0.01 | |
| | | | 78 | | 6 | 9 | 50 | | 0.001 | | <0.5 | <0.01 | |
| | | | 79 | | 7 | 10 | 50 | | 0.002 | | <0.5 | <0.01 | |

CALCULATIONS:

AQUEOUS: CN, mg/l = $\frac{\text{Curve Conc.}}{\text{ml Sample}}$

SOIL: CN, ug/g = $\frac{\text{Curve Conc.}}{\text{g Sample}}$

000085

1337

NY ENVIRONMENTAL TESTING SERVICES

| DATE | ANALYST | JOB # | SAMPLE I.D. | TYPE | DIST. FLASK # | SPEC FLASK # | SAMPLE VOL./WT. | SPEC. VOL. | ABS | ABS BLANK | CURVE (ug) | FINAL CONC. mg/l or ug/g | COMMENTS |
|---------|---------|-------|---------------|------|---------------|--------------|-----------------|------------|-------|-----------|------------|--------------------------|-------------------------------------|
| 8/20/93 | JPL | 2629 | A5042380 | TCN | 8 | 11 | 50 | 50 | 0.002 | / | <0.5 | <0.01 | DISTILLED 8/19/93 |
| | | | 81 | | 9 | 12 | 50 | | 0.002 | | <0.5 | <0.01 | |
| | | | 81 (MD) | | 10 | 13 | 50 | | 0.004 | | <0.5 | <0.01 | |
| | | | 81 (MS) | | 1 | 14 | 50 | | 0.147 | | 10.67 | 85.3% | 12.5 ug (0.25 ppm) (OK) |
| | CCV | | 0.25 ppm | | 2 | 15 | 0.25/50 | | 0.196 | | 14.24 | 113.9% | ↓ |
| | CCB | | Cal Blank | | - | 16 | %100 | | 0.000 | | <0.5 | <0.01 | |
| | LCS | | ERA QC (214) | | 3 | 17 | 0.1003 | | 0.240 | | 17.44 | 173.9 | DISTILLED 8/19/93 |
| | PB | | Prep Blank | | 4 | 18 | 50 | | 0.002 | | <0.5 | <0.01 | |
| | | 2629 | A5042382 | | 5 | 19 | 50 | | 0.004 | | <0.5 | <0.01 | |
| | | 2635 | A5042410 | | 6 | 20 | 0.5009 | | 0.002 | | <0.5 | <1.0 | |
| | | | 11 | | 7 | 21 | 0.5025 | | 0.003 | | <0.5 | <1.0 | |
| | | | 14 | | 8 | 22 | 0.5010 | | 0.006 | | <0.5 | <1.0 | |
| | | | 15 | | 9 | 23 | 0.5007 | | 0.003 | | <0.5 | <1.0 | |
| | | | 15 (MD) | | 10 | 24 | 0.5000 | | 0.003 | | <0.5 | <1.0 | |
| | | | 15 (MS) | | 1 | 25 | 0.5012 | | 0.098 | | 7.09 | 56.8% | 12.5 ug + See post (0.25 ppm) Spike |
| | | 2640 | A5042430 | | 2 | 26 | 50 | | 0.001 | | <0.5 | <0.01 | |
| | CCV | | 0.25 ppm | | 3 | 27 | 0.25/50 | | 0.196 | | 14.24 | 113.7% | ↓ |
| | CCB | | Cal Blank | | - | 28 | %100 | | 0.000 | | <0.5 | <0.01 | |
| | LCS | | ERA QC (214) | | 4 | 29 | 0.1003 | | 0.240 | | 17.44 | 173.9 | DISTILLED 8/19/93 |
| | PB | | Prep Blank | | 5 | 30 | 50 | | 0.002 | | <0.5 | <0.01 | |
| | | 2640 | A5042430 (MD) | | 6 | 31 | 50 | | 0.004 | | <0.5 | <0.01 | ↓ |

CALCULATIONS:

AQUEOUS: CN, mg/l = $\frac{\text{Curve Conc.}}{\text{ml Sample}}$

SOIL: CN, ug/g = $\frac{\text{Curve Conc.}}{\text{g Sample}}$

000086



**CYANIDE LOG
NY ENVIRONMENTAL TESTING SERVICES**

| DATE | ANALYST | JOB # | SAMPLE I.D. | TYPE | DIST. FLASK # | SPEC FLASK # | SAMPLE VOL./WT. | SPEC. VOL. | ABS | ABS BLANK | CURVE (ug) | FINAL CONC. mg/l or ug/g | COMMENTS |
|---------|---------|--------------|-------------|------|---------------|--------------|-----------------|------------|-------|-----------|------------|--------------------------|--------------------------------------|
| 8/20/93 | JPL | 2640 | AS042430ms | TCN | 7 | 32 | 50 | 50 | 0.186 | 0.186 | 13.50 | 108 % | 12.5 ug (0.25 ppm) DISTILLED 8/19/93 |
| | | | 31 | | 8 | 33 | 50 | | 0.002 | 0.002 | <0.5 | <0.01 | |
| | | | 32 | | 9 | 34 | 50 | | 0.004 | 0.004 | <0.5 | <0.01 | |
| | | 2642 | AS042441 | | 10 | 35 | 50 | | 0.001 | 0.001 | <0.5 | <0.01 | * correction 8/19/93 |
| | | | 42 | | 1 | 36 | 50 | | 0.000 | 0.000 | <0.5 | <0.01 | |
| | | | 43 | | 2 | 37 | 50 | | 0.000 | 0.000 | <0.5 | <0.01 | |
| 9941 | 2646 | AS042455 | | 3 | 38 | 0.5007 | | | 0.001 | 0.001 | <0.5 | <1.0 | |
| CCV3 | CCV | 0.25 ppm | | 4 | 39 | 0.25/50 | | | 0.196 | 0.196 | 14.24 | 113.9% | |
| CCB3 | CCB | Cal Blank | | - | 40 | %100 | | | 0.000 | 0.000 | <0.5 | <0.01 | |
| 1551 | LCS | ERA QC (214) | | 5 | 41 | 0.1003 | | | 0.240 | 0.240 | 17.44 | 173.9 | DISTILLED 8/19/93 |
| PB51 | PB | Prep Blank | | 6 | 42 | 50 | | | 0.001 | 0.001 | <0.5 | <0.01 | |
| 9942 | 2646 | AS042456 | | 7 | 43 | 0.5013 | | | 0.193 | 0.193 | 9.65 | 19.24 | |
| | | 2635 | AS042415 | | 8 | 44 | 0.5012 | | 0.181 | 0.181 | 13.14 | 105 % | 12.5 ug Post SPIKE (0.25 ppm) |
| CCV4 | CCV | 0.25 ppm | | 9 | 45 | 0.25/50 | | | 0.196 | 0.196 | 14.24 | 113.9% | |
| CCB4 | CCB | Cal Blank | | - | 46 | %100 | | | 0.000 | 0.000 | <0.5 | <0.01 | END 3:30 PM |



CALCULATIONS:

AQUEOUS: CN, mg/l = $\frac{\text{Curve Conc.}}{\text{ml Sample}}$

SOIL: CN, ug/g = $\frac{\text{Curve Conc.}}{\text{g Sample}}$

000087

1339
PB.C

| DATE | ANALYST | JOB # | SAMPLE I.D. | DIGESTION NUMBER | INITIAL WEIGHT (gms) | INITIAL VOLUME (mls) | FINAL VOLUME (mls) | MATRIX | COLOR BEFORE/AFTER | CLARITY BEFORE/AFTER | TEXTURE |
|---------|--------------|-------|-------------------------|------------------|----------------------|----------------------|--------------------|--------|---------------------|----------------------|---------|
| 8/20/93 | KW | 2602 | BLK ^{AF} | 9866 | | 100 | 100 | water | colorless colorless | clear clear | |
| | | | R-1 | 9867 | | ↓ | ↓ | ↓ | ↓ | ↓ | |
| | | | R-2 | 9868 | | ↓ | ↓ | ↓ | ↓ | ↓ | |
| | | 2547 | AS04 1587 | 9869 | | 100 | 100 | TEP | yellow | | |
| | | | METHOD BLK | 9870 | | ↓ | ↓ | ↓ | colorless | | |
| | | | Wa100 | 9871 | | ↓ | ↓ | ↓ | ↓ | | |
| | | 2542 | AS04 1534 | 9872 | | | | | yellow colorless | | |
| | | | 1535 | 9873 | | | | | ↓ | | |
| | | | 1550 | 9874 | | | | | ↓ | | |
| | | | 1551 | 9875 | | | | | ↓ | | |
| 8/23/93 | KW | 2549 | AS04 1596 ^{AF} | 9928 | 1.0098 | | 200 | SOIL | Brown yellow | Clear | coarse |
| | 1045 1930 | | 1597 | 9929 | 0.9946 | | | | ↓ | ↓ | ↓ |
| | | | 1598 | 9930 | 1.0008 | | | | ↓ | ↓ | ↓ |
| | | | DUP | 9931 | 0.9967 | | | | ↓ | ↓ | ↓ |
| | | | SPK | 9932 | 1.0086 | | | | ↓ | ↓ | ↓ |
| | | | 1599 | 9933 | 1.0147 | | | | ↓ | ↓ | ↓ |
| | | | BLK | 9934 | 0.9970 | | | | colorless | Clear | |
| | | | | | 0.9957 | | | | ↓ | ↓ | ↓ |
| | | | | | 1.0160 | | | | ↓ | ↓ | ↓ |
| | | | | | 1.0050 | | | | ↓ | ↓ | ↓ |
| | | | | | 1.0063 | | | | ↓ | ↓ | ↓ |
| | | | | | 1.0104 | | | | ↓ | ↓ | ↓ |

TERMINOLOGY:

COLOR:

Red Orange Gray
 Blue Violet Black
 Yellow White Colorless
 Green Brown

CLARITY:

Clear
 Cloudy
 Opaque

TEXTURE:

Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

93

1340

| DATE | ANALYST | JOB # | SAMPLE I.D. | DIGESTION NUMBER | INITIAL WEIGHT (gms) | INITIAL VOLUME (mls) | FINAL VOLUME (mls) | MATRIX | COLOR BEFORE/AFTER | CLARITY BEFORE/AFTER | TEXTURE |
|---------|-------------|-------|-----------------------|------------------|----------------------|----------------------|--------------------|--------|---------------------|----------------------|---------|
| 8/23/93 | KW | | 217CLP ^{A+E} | 9935 | 1.0328 1.0000 | | 200 | Soil | Brown yellow | Clear | Coarse |
| | 1045 130 | 2618 | AS04 2184 | 9936 | 1.0220 0.9985 | | | | | | |
| | | | 2185 | 9937 | 1.0148 0.9999 | | | | | | |
| | | | 2186 | 9938 | 1.0276 1.0108 | | | | | | |
| | | | 2187 | 9939 | 1.0136 1.0078 | | | | | | |
| | | | 2188 | 9940 | 0.9927 1.0200 | | | | colorless | | |
| | | 2646 | AS04 2455 | 9941 | 1.0209 1.0099 | | | | | | |
| | | | 2456 | 9942 | 1.0180 1.0275 | | | | | | |
| | | 2665 | AS04 2549 | 9943 | 0.9951 1.0178 | | | | | | |
| | | | 2550 | 9944 | 0.9931 1.0051 | | | | yellow colorless | | |
| | | | 2551 | 9945 | 1.0346 1.0099 | | | | | | |
| | | | 2552 | 9946 | 1.0183 1.0110 | | | | | | |
| | | | 2553 | 9947 | 0.9920 0.9952 | | | | | | |
| | | | 2554 | 9948 | 1.0218 1.0370 | | | | | | |
| | | | 2555 | 9949 | 0.9996 1.0262 | | | | | | |
| | | | 2556 | 9950 | 1.0326 0.9901 | | | | | | |
| | | | Blk | 9951 | — | | | | colorless | Clear | |

TERMINOLOGY:

COLOR:

Red
Blue
Yellow
Green
Orange
Violet
White
Brown
Gray
Black
Colorless

CLARITY:

Clear
Cloudy
Opaque

TEXTURE:

Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

94

1341

WPO

| DATE | ANALYST | JOB # | SAMPLE I.D. | DIGESTION NUMBER | INITIAL WEIGHT (gms) | INITIAL VOLUME (mls) | FINAL VOLUME (mls) | MATRIX | COLOR BEFORE/AFTER | CLARITY BEFORE/AFTER | TEXTURE |
|---------|--------------|-------|--------------------------|------------------|----------------------|----------------------|--------------------|--------|---------------------------|----------------------|---------|
| 9/30/93 | VW | 2693 | A504 2754 ^{4HP} | 0248 | 1.0210 1.0199 | | 200 | SOIL | yellow Brown colorless | clear | coarse |
| | 1030 1235 | | 2755 | 0249 | 1.0240 1.0125 | | | | | | |
| | | | 2756 | 0250 | 1.0094 0.9658 | | | | | | |
| | | | 2757 | 0251 | 0.9750 0.9788 | | | | | | |
| | | | 2759 | 0252 | 1.0010 0.9932 | | | | | | |
| | | 2719 | A504 2901 | 0253 | 1.0278 1.0115 | | | | | | |
| | | | 2902 | 0254 | 1.0233 1.0152 | | | | | | |
| | | | 2903 | 0255 | 0.9814 0.9548 | | | | | | |
| | | | 2904 | 0256 | 1.0143 1.0126 | | | | yellow ↓ | | |
| | | | 2905 | 0257 | 0.9774 1.0174 | | | | yellow ↓ | | |
| | | | 2906 | 0258 | 1.0110 1.0000 | | | | colorless ↓ | | |
| | | | 2907 | 0259 | 1.0155 1.0291 | | | | | | |
| | | | 2908 | 0260 | 1.0296 0.9977 | | | | | | |
| | | | BK | 0261 | — | | | | colorless ↓ | clear | |
| | | | 817 CLP [↓] | 0262 | 0.9976 0.9913 | | | | Brown ↓ | | fine |
| | | 2696 | A504 2455 [↑] | 0263 | 0.9705 | | | | | | coarse |
| | | | 2457 [↓] | 0264 | 1.0121 | | | | | | |

TERMINOLOGY:

COLOR:

Red Orange Gray
 Blue Violet Black
 Yellow White Colorless
 Green Brown

CLARITY:

Clear
 Cloudy
 Opaque

TEXTURE:

Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

105

1349
 WPO

