---

MEAN= 21.9 STD.DEV.= COEF.VAR.= 9.78 %

TC

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.272 | 0.204 | 0.072 |
| PEAK AREA (ABS-SECONDS) | 0.145 | 0.092 | 0.052 |

READ: 36.5

TC

pipetting error

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.284 | 0.212 | 0.072 |
| PEAK AREA (ABS-SECONDS) | 0.150 | 0.092 | 0.058 |

READ: 36.3

---

MEAN= 36.4 STD.DEV.= COEF.VAR.= 0.36 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.171 | 0.124 | 0.053 |
| PEAK AREA (ABS-SECONDS) | 0.098 | 0.056 | 0.042 |

READ: 20.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.175 | 0.128 | 0.049 |
| PEAK AREA (ABS-SECONDS) | 0.093 | 0.052 | 0.040 |

READ: 19.3 345 1/2 20 → 40

---

MEAN= 20.1 STD.DEV.= COEF.VAR.= 5.14 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.330 | 0.249 | 0.083 |
| PEAK AREA (ABS-SECONDS) | 0.156 | 0.100 | 0.055 |

READ: 40.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.326 | 0.245 | 0.083 |
| PEAK AREA (ABS-SECONDS) | 0.159 | 0.104 | 0.055 |

READ: 41.5 +20 105%

---

MEAN= 40.7 STD.DEV.= COEF.VAR.= 2.71 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.179 | 0.131 | 0.049 |
| PEAK AREA (ABS-SECONDS) | 0.102 | 0.057 | 0.045 |

READ: 21.4



---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.183 | 0.132 | 0.054 |

PEAK AREA (ABS-SECONDS) 0.106 0.061 0.045

READ: 23.3 346 A 1/2 22 → 44

MEAN= 22.3 STD.DEV.= COEF.VAR.= 6.13 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.293 | 0.218 | 0.078 |
| PEAK AREA (ABS-SECONDS) | 0.149 | 0.094 | 0.055 |

READ: 37.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.308 | 0.231 | 0.078 |
| PEAK AREA (ABS-SECONDS) | 0.155 | 0.100 | 0.055 |

READ: 39.9 +20 85%

MEAN= 38.6 STD.DEV.= COEF.VAR.= 4.72 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.024 | 0.010 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.024 | 0.006 | 0.018 |

READ: -0.2

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.020 | 0.009 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.026 | 0.007 | 0.020 |

READ: 0.0 Cont. Blk. <3

MEAN= -0.1 STD.DEV.= COEF.VAR.= 78.56 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.313 | 0.239 | 0.083 |
| PEAK AREA (ABS-SECONDS) | 0.134 | 0.092 | 0.042 |

READ: 36.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.315 | 0.234 | 0.081 |
| PEAK AREA (ABS-SECONDS) | 0.140 | 0.093 | 0.047 |

READ: 37.0 Cont. Std. (35) 37

MEAN= 36.8 STD.DEV.= COEF.VAR.= 0.62 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.176 | 0.129 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.104 | 0.056 | 0.048 |

READ: 20.9

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.180 | 0.130 | 0.051 |
| PEAK AREA (ABS-SECONDS) | 0.101 | 0.058 | 0.044 |

READ: 21.6 346B 1/2 21 → 42

MEAN= 21.3 STD.DEV.= COEF.VAR.= 2.38 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.312 | 0.230 | 0.082 |
| PEAK AREA (ABS-SECONDS) | 0.162 | 0.104 | 0.058 |

READ: 41.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.300 | 0.219 | 0.081 |
| PEAK AREA (ABS-SECONDS) | 0.154 | 0.096 | 0.059 |

READ: 37.9 +20 95%

MEAN= 39.7 STD.DEV.= COEF.VAR.= 6.42 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.180 | 0.131 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.101 | 0.062 | 0.039 |

READ: 23.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.175 | 0.130 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.097 | 0.056 | 0.042 |

READ: 20.8 347 1/2 22 → 44

MEAN= 22.1 STD.DEV.= COEF.VAR.= 8.66 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.295 | 0.222 | 0.074 |
| PEAK AREA (ABS-SECONDS) | 0.146 | 0.096 | 0.050 |

READ: 38.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.304 | 0.228 | 0.078 |
| PEAK AREA (ABS-SECONDS) | 0.154 | 0.100 | 0.054 |

READ: 39.8 +20 85%

MEAN= 39.1 STD.DEV.= COEF.VAR.= 2.74 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.023 | 0.013 | 0.020 |

| | | | |
|---|---|---|---|
| PEAK AREA (ABS-SECONDS) | 0.034 | 0.010 | 0.023 |

READ: 1.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.024 | 0.011 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.036 | 0.010 | 0.026 |

READ: 1.4 348 ½ <3 → <6

---

MEAN= 1.5 STD.DEV.= COEF.VAR.= 8.01 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.182 | 0.126 | 0.057 |
| PEAK AREA (ABS-SECONDS) | 0.094 | 0.055 | 0.038 |

READ: 20.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.183 | 0.128 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.091 | 0.052 | 0.039 |

READ: 19.5 +20 100%

---

MEAN= 20.0 STD.DEV.= COEF.VAR.= 4.08 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.048 | 0.026 | 0.023 |
| PEAK AREA (ABS-SECONDS) | 0.039 | 0.013 | 0.026 |

READ: 2.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.049 | 0.027 | 0.023 |
| PEAK AREA (ABS-SECONDS) | 0.041 | 0.011 | 0.030 |

READ: 1.8 349 ½ <3 → <6

---

MEAN= 2.2 STD.DEV.= COEF.VAR.= 27.85 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.185 | 0.132 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.097 | 0.055 | 0.042 |

READ: 20.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.197 | 0.147 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.096 | 0.063 | 0.034 |

READ: 23.8 +20 110%

---

MEAN= 22.2 STD.DEV.= COEF.VAR.= 10.39 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.048 | 0.030 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.047 | 0.019 | 0.028 |

READ: 5.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.046 | 0.027 | 0.023 |
| PEAK AREA (ABS-SECONDS) | 0.041 | 0.015 | 0.026 |

READ: 3.5 350 1/2 4 → 8

---

MEAN= 4.3 STD.DEV.= COEF.VAR.= 26.69 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.191 | 0.142 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.100 | 0.063 | 0.037 |

READ: 24.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.184 | 0.134 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.103 | 0.063 | 0.040 |

READ: 23.9 +20 100%

---

MEAN= 24.0 STD.DEV.= COEF.VAR.= 0.44 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.023 | 0.011 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.028 | 0.005 | 0.022 |

READ: -0.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.022 | 0.013 | 0.016 |
| PEAK AREA (ABS-SECONDS) | 0.031 | 0.011 | 0.019 |

READ: 2.0 Cont. Blk. <3

---

MEAN= 0.7 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.321 | 0.241 | 0.080 |
| PEAK AREA (ABS-SECONDS) | 0.135 | 0.091 | 0.044 |

READ: 35.8



---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.333 | 0.254 | 0.081 |
| PEAK AREA (ABS-SECONDS) | 0.138 | 0.094 | 0.044 |

READ: 37.3

Cont. Std. (35) 37

MEAN= 36.5 STD.DEV.= COEF.VAR.= 2.87 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.051 | 0.031 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.048 | 0.018 | 0.029 |

READ: 4.9

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.045 | 0.024 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.043 | 0.014 | 0.029 |

READ: 3.2 351 1/2 4 → 8

MEAN= 4.0 STD.DEV.= COEF.VAR.= 28.82 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.190 | 0.134 | 0.056 |
| PEAK AREA (ABS-SECONDS) | 0.097 | 0.059 | 0.038 |

READ: 22.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.192 | 0.141 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.100 | 0.063 | 0.037 |

READ: 23.9 +20 ~~19~~ 95%

MEAN= 23.1 STD.DEV.= COEF.VAR.= 5.13 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.044 | 0.024 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.039 | 0.017 | 0.022 |

READ: 4.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.046 | 0.028 | 0.022 |
| PEAK AREA (ABS-SECONDS) | 0.041 | 0.017 | 0.024 |

READ: 4.2 352 1/2 4 → 8 (w)

MEAN= 4.2 STD.DEV.= COEF.VAR.= 1.89 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.172 | 0.124 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.093 | 0.056 | 0.037 |

READ: 20.8

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.172 | 0.124 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.090 | 0.052 | 0.038 |

READ: 19.3 + 20 80% → 'w'

MEAN= 20.1 STD.DEV.= COEF.VAR.= 5.18 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.052 | 0.029 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.045 | 0.017 | 0.028 |

READ: 4.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.049 | 0.026 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.041 | 0.012 | 0.030 |

READ: 2.1 353 1/2 3 → 6

MEAN= 3.3 STD.DEV.= COEF.VAR.= 52.63 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.201 | 0.146 | 0.056 |
| PEAK AREA (ABS-SECONDS) | 0.108 | 0.063 | 0.044 |

READ: 24.1

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.204 | 0.151 | 0.057 |
| PEAK AREA (ABS-SECONDS) | 0.100 | 0.063 | 0.036 |

READ: 24.1 + 20 105%

MEAN= 24.1 STD.DEV.= COEF.VAR.= 0.27 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.049 | 0.027 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.041 | 0.011 | 0.030 |

READ: 2.0

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.048 | 0.026 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.047 | 0.016 | 0.031 |

READ: 3.9 354 1/2 3 → 6

MEAN= 3.0 STD.DEV.= COEF.VAR.= 45.13 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.196 | 0.138 | 0.058 |
| PEAK AREA (ABS-SECONDS) | 0.103 | 0.060 | 0.043 |

READ: 22.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.200 | 0.143 | 0.061 |
| PEAK AREA (ABS-SECONDS) | 0.103 | 0.058 | 0.045 |

READ: 21.8 +20 95%

---

MEAN= 22.2 STD.DEV.= COEF.VAR.= 2.50 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.020 | 0.010 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.026 | 0.008 | 0.018 |

READ: 0.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.022 | 0.011 | 0.016 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.012 | 0.021 |

READ: 2.1 Cont. Blk. ±3

---

MEAN= 1.4 STD.DEV.= COEF.VAR.= 69.66 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.325 | 0.238 | 0.087 |
| PEAK AREA (ABS-SECONDS) | 0.141 | 0.093 | 0.048 |

READ: 36.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.315 | 0.234 | 0.084 |
| PEAK AREA (ABS-SECONDS) | 0.138 | 0.093 | 0.045 |

READ: 36.9 Cont. Std. (35) 37

---

MEAN= 36.8 STD.DEV.= COEF.VAR.= 0.34 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.050 | 0.029 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.049 | 0.015 | 0.034 |

READ: 3.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.049 | 0.029 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.045 | 0.013 | 0.032 |

READ: 2.8 355A 1/2 3 → 6

---

MEAN= 3.2 STD.DEV.= COEF.VAR.= 15.75 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.201 | 0.148 | 0.056 |
| PEAK AREA (ABS-SECONDS) | 0.099 | 0.052 | 0.048 |

READ: 19.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.200 | 0.147 | 0.056 |
| PEAK AREA (ABS-SECONDS) | 0.108 | 0.061 | 0.047 |

READ: 23.0 +20 90%

---

MEAN= 21.1 STD.DEV.= COEF.VAR.= 13.07 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.053 | 0.030 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.048 | 0.019 | 0.029 |

READ: 5.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.050 | 0.028 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.046 | 0.015 | 0.031 |

READ: 3.7 355B 1/2 4 → 8

---

MEAN= 4.4 STD.DEV.= COEF.VAR.= 21.17 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.200 | 0.146 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.098 | 0.056 | 0.042 |

READ: 20.8



---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.146 | 0.148 | 0.002 |
| PEAK AREA (ABS-SECONDS) | -0.147 | 0.071 | -0.218 |

READ: 27.3

+20 100%

---

MEAN= 24.0 STD.DEV.= COEF.VAR.= 19.44 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.182 | 0.135 | 0.049 |
| PEAK AREA (ABS-SECONDS) | 0.101 | 0.061 | 0.039 |

READ: 23.3

QC

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.178 | 0.131 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.103 | 0.059 | 0.045 |

READ: 22.1

---

MEAN= 22.7 STD.DEV.= COEF.VAR.= 3.85 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.308 | 0.232 | 0.076 |
| PEAK AREA (ABS-SECONDS) | 0.156 | 0.098 | 0.058 |

READ: 38.8

---

QC pipetting error

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.303 | 0.225 | 0.080 |
| PEAK AREA (ABS-SECONDS) | 0.155 | 0.096 | 0.060 |

READ: 38.0

---

MEAN= 38.4 STD.DEV.= COEF.VAR.= 1.48 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.022 | 0.012 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.031 | 0.007 | 0.023 |

READ: 0.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.023 | 0.011 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.029 | 0.009 | 0.020 |

READ: 1.0 Cont. Blk. <3

---

MEAN= 0.6 STD.DEV.= COEF.VAR.= 85.68 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.322 | 0.242 | 0.080 |
| PEAK AREA (ABS-SECONDS) | 0.137 | 0.093 | 0.044 |

READ: 36.8



---

AA ZAA BG

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.321 | 0.240 | 0.082 |
| PEAK AREA (ABS-SECONDS) | 0.140 | 0.092 | 0.048 |

READ: 36.3 Cont. Std. (35) 37

MEAN= 36.6 STD.DEV.= COEF.VAR.= 1.00 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.179 | 0.129 | 0.051 |
| PEAK AREA (ABS-SECONDS) | 0.110 | 0.057 | 0.052 |

READ: 21.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.168 | 0.123 | 0.051 |
| PEAK AREA (ABS-SECONDS) | 0.099 | 0.058 | 0.046 |

READ: 19.6 344 1/2 21 → 42

---

MEAN= 20.5 STD.DEV.= COEF.VAR.= 6.61 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.320 | 0.240 | 0.084 |
| PEAK AREA (ABS-SECONDS) | 0.167 | 0.105 | 0.063 |

READ: 41.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.324 | 0.240 | 0.086 |
| PEAK AREA (ABS-SECONDS) | 0.168 | 0.105 | 0.064 |

K

READ: 41.9 % +20 105%

---

MEAN= 41.9 STD.DEV.= COEF.VAR.= 0.12 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.022 | 0.013 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.031 | 0.005 | 0.026 |

READ: -0.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.021 | 0.010 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.030 | 0.008 | 0.022 |

READ: 0.5 Cont. Blk. <3

---

MEAN= -0.1 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.319 | 0.239 | 0.080 |
| PEAK AREA (ABS-SECONDS) | 0.141 | 0.090 | 0.050 |

READ: 35.7



---

| | AA | 2AA | 3A |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.315 | 0.238 | 0.081 |
| PEAK AREA (ABS-SECONDS) | 0.138 | 0.090 | 0.048 |

READ: 35.6

Cont. std. (35) 36

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MEAN= 35.6 STD.DEV.= COEF.VAR.= 0.19 %

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As SR16122 11-19-87

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Element File: AS_CLP
Date: 11/19/87
Data Storage File: As_data
Technique: HGA

Element: As
Time: 10:56
ID/Weight File:
Calibration Type: Linear

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Sample ID: Blank  Sequence No.: 00001  Sampler Position: 1

Peak Area (A-s): -0.005
Background Pk Area (A-s): 0.050
Blank Corrected Pk Area (A-s): -0.005

Peak Height (A): 0.008
Background Pk Height (A): 0.025

Peak Area (A-s): -0.002 Peak Height (A): 0.009
Background Pk Area (A-s): 0.047 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): -0.002

Mean Pk Area (A-s): -0.003 SD: 0.0023 RSD(%): 67.8

Auto-zero performed.

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Sample ID: Standard 1 Sequence No.: 00002 Sampler Position: 2

Peak Area (A-s): 0.085 Peak Height (A): 0.154
Background Pk Area (A-s): 0.052 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.088

Peak Area (A-s): 0.086 Peak Height (A): 0.157
Background Pk Area (A-s): 0.052 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.089

Mean Pk Area (A-s): 0.089 SD: 0.0007 RSD(%): 0.8

Standard number 1 applied. [ 20.0]

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Sample ID: Standard 2 Sequence No.: 00003 Sampler Position: 3

Peak Area (A-s): 0.147 Peak Height (A): 0.274
Background Pk Area (A-s): 0.055 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.150
Concentration (ug/L ): 33.9

Peak Area (A-s): 0.147 Peak Height (A): 0.269
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.150
Concentration (ug/L ): 33.8

Mean Conc (ug/L ): 33.9 SD: 0.08 RSD(%): 0.2

Standard number 2 applied. [ 35.0]

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Sample ID: Standard 3 Sequence No.: 00004 Sampler Position: 4

Peak Area (A-s): 0.208 Peak Height (A): 0.346
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.211
Concentration (ug/L ): 48.8

Peak Area (A-s): 0.194 Peak Height (A): 0.303
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.198
Concentration (ug/L ): 45.7

Mean Conc (ug/L ): 47.3 SD: 2.22 RSD(%): 4.7

Standard number 3 applied. [ 50.0]

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Sample ID: 5 Sequence No.: 00005 Sampler Position: 5

Peak Area (A-s): 0.002 Peak Height (A): 0.010
Background Pk Area (A-s): 0.046 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L ): 1.4

Peak Area (A-s): 0.003 Peak Height (A): 0.011
Background Pk Area (A-s): 0.045 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L ): 1.6 <2 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): 1.5 SD: 0.13 RSD(%): 9.1

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Sample ID: 6 Sequence No.: 00006 Sampler Position: 6

Peak Area (A-s): 0.185 Peak Height (A): 0.280
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.189
Concentration (ug/L ): 45.1

Peak Area (A-s): 0.173 Peak Height (A): 0.245
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.176
Concentration (ug/L ): 42.1 44 ICV-2 (41)

Mean Conc (ug/L ): 43.6 SD: 2.13 RSD(%): 4.9

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Sample ID: 5 Sequence No.: 00007 Sampler Position: 5

Peak Area (A-s): -0.001 Peak Height (A): 0.010
Background Pk Area (A-s): 0.045 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L ): 0.6

Peak Area (A-s): 0.001 Peak Height (A): 0.013
Background Pk Area (A-s): 0.047 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L ): 1.1 <2 RGT Blk-1

Mean Conc (ug/L ): 0.9 SD: 0.33 RSD(%): 37.5

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Sample ID: 6 Sequence No.: 00008 Sampler Position: 6

Peak Area (A-s): -0.004 Peak Height (A): 0.008
Background Pk Area (A-s): 0.044 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L ): -0.1

Peak Area (A-s): 0.002 Peak Height (A): 0.009
Background Pk Area (A-s): 0.041 Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L ): 1.4 <2 RGT Blk-2

Mean Conc (ug/L ): 0.6 SD: 1.07 RSD(%): 176.1
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Sample ID: 7 Sequence No.: 00009 Sampler Position: 7

Peak Area (A-s): 0.002 Peak Height (A): 0.010
Background Pk Area (A-s): 0.042 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L ): 1.2

Peak Area (A-s): 0.001 Peak Height (A): 0.009
Background Pk Area (A-s): 0.043 Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L ): 1.1 <2 RGT Blk-3

Mean Conc (ug/L ): 1.1 SD: 0.11 RSD(%): 10.0

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Sample ID: 8 Sequence No.: 00010 Sampler Position: 8

Peak Area (A-s): 0.004 Peak Height (A): 0.008
Background Pk Area (A-s): 0.046 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L ): 1.7

Peak Area (A-s): -0.001 Peak Height (A): 0.009
Background Pk Area (A-s): 0.050 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L ): 0.7 BlkQ1

Mean Conc (ug/L ): 1.2 <2 SD: 0.73 RSD(%): 61.9

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Sample ID: 9 Sequence No.: 00011 Sampler Position: 9

Peak Area (A-s): -0.001 Peak Height (A): 0.009
Background Pk Area (A-s): 0.044 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L ): 0.7

Peak Area (A-s): -0.002 Peak Height (A): 0.009
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L ): 0.3 <2 BlkQ2

Mean Conc (ug/L ): 0.5 SD: 0.28 RSD(%): 55.9

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Sample ID: 10 Sequence No.: 00012 Sampler Position: 10

Peak Area (A-s): 0.002 Peak Height (A): 0.009
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L ): 1.2

Peak Area (A-s): -0.000 Peak Height (A): 0.009
Background Pk Area (A-s): 0.046 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L ): 0.7

<2 BlkQ3

Mean Conc (ug/L ): 1.0 SD: 0.33 RSD(%): 34.0

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Sample ID: 11 Sequence No.: 00013 Sampler Position: 11

Peak Area (A-s): 0.063 Peak Height (A): 0.102
Background Pk Area (A-s): 0.080 Background Pk Height (A): 0.058
Blank Corrected Pk Area (A-s): 0.067
Concentration (ug/L ): 16.0

Peak Area (A-s): 0.064 Peak Height (A): 0.100
Background Pk Area (A-s): 0.078 Background Pk Height (A): 0.058
Blank Corrected Pk Area (A-s): 0.067
Concentration (ug/L ): 16.1 32 365A ½

Mean Conc (ug/L ): 16.0 SD: 0.09 RSD(%): 0.5

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Sample ID: 12 Sequence No.: 00014 Sampler Position: 12

Peak Area (A-s): 0.136 Peak Height (A): 0.224
Background Pk Area (A-s): 0.084 Background Pk Height (A): 0.065
Blank Corrected Pk Area (A-s): 0.140
Concentration (ug/L ): 33.4

Peak Area (A-s): 0.133 Peak Height (A): 0.218
Background Pk Area (A-s): 0.082 Background Pk Height (A): 0.062
Blank Corrected Pk Area (A-s): 0.136
Concentration (ug/L ): 32.5 85% 365A+20

Mean Conc (ug/L ): 33.0 SD: 0.62 RSD(%): 1.9

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Sample ID: 13 Sequence No.: 00015 Sampler Position: 13

Peak Area (A-s): 0.059 Peak Height (A): 0.097
Background Pk Area (A-s): 0.080 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.063
Concentration (ug/L ): 14.9

Peak Area (A-s): 0.060 Peak Height (A): 0.099
Background Pk Area (A-s): 0.079 Background Pk Height (A): 0.060
Blank Corrected Pk Area (A-s): 0.063
Concentration (ug/L ): 15.0 30 365B ½

Mean Conc (ug/L ): 15.0 SD: 0.06 RSD(%): 0.4

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Sample ID: 14 Sequence No.: 00016 Sampler Position: 14

Peak Area (A-s): 0.131 Peak Height (A): 0.216
Background Pk Area (A-s): 0.086 Background Pk Height (A): 0.065
Blank Corrected Pk Area (A-s): 0.135
Concentration (ug/L ): 32.2

Peak Area (A-s): 0.142 Peak Height (A): 0.220
Background Pk Area (A-s): 0.086 Background Pk Height (A): 0.069
Blank Corrected Pk Area (A-s): 0.146
Concentration (ug/L ): 34.8

93%    365B+20

Mean Conc (ug/L ): 33.5    SD: 1.83    RSD(%): 5.5

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Sample ID: 15    Sequence No.: 00017    Sampler Position: 15

Peak Area (A-s): 0.003    Peak Height (A): 0.010
Background Pk Area (A-s): 0.055    Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L ): 1.5

Peak Area (A-s): 0.000    Peak Height (A): 0.007
Background Pk Area (A-s): 0.052    Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L ): 0.9    &lt;2    Cont. Cal. Blk. (0)

Mean Conc (ug/L ): 1.2    SD: 0.43    RSD(%): 35.1

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Sample ID: 16    Sequence No.: 00018    Sampler Position: 16

Peak Area (A-s): 0.149    Peak Height (A): 0.231
Background Pk Area (A-s): 0.059    Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.152
Concentration (ug/L ): 36.4

Peak Area (A-s): 0.143    Peak Height (A): 0.236
Background Pk Area (A-s): 0.061    Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.146
Concentration (ug/L ): 34.9    36    Cont. Cal. Std (35)

Mean Conc (ug/L ): 35.6    SD: 1.06    RSD(%): 3.0

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Sample ID: 17    Sequence No.: 00019    Sampler Position: 17

Peak Area (A-s): 0.058    Peak Height (A): 0.101
Background Pk Area (A-s): 0.070    Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.062
Concentration (ug/L ): 14.7    Sf    Re-check dilution

Peak Area (A-s): 0.056    Peak Height (A): 0.096
Background Pk Area (A-s): 0.064    Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.059
Concentration (ug/L ): 14.2

Mean Conc (ug/L ): 14.4    SD: 0.41    RSD(%): 2.8

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Sample ID: 18    Sequence No.: 00020    Sampler Position: 18

Peak Area (A-s): 0.126    Sf    Peak Height (A): 0.190
Background Pk Area (A-s): 0.065    Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.120
Concentration (ug/L ): 31.0

Peak Area (A-s): 0.119    Peak Height (A): 0.190
Background Pk Area (A-s): 0.063    Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.123

Concentration (ug/L ): 29.3 *Sf*

Mean Conc (ug/L ): 30.2 SD: 1.15 RSD(%): 3.8

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Sample ID: 19 Sequence No.: 00021 Sampler Position: 19

Peak Area (A-s): 0.093 Peak Height (A): 0.137
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.097
Concentration (ug/L ): 23.1

Peak Area (A-s): 0.086 Peak Height (A): 0.137
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.090
Concentration (ug/L ): 21.5 *45* *367 ½*

Mean Conc (ug/L ): 22.3 SD: 1.17 RSD(%): 5.2

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Sample ID: 20 Sequence No.: 00022 Sampler Position: 20

Peak Area (A-s): 0.165 Peak Height (A): 0.239
Background Pk Area (A-s): 0.083 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.169
Concentration (ug/L ): 40.3

Peak Area (A-s): 0.185 Peak Height (A): 0.289
Background Pk Area (A-s): 0.086 Background Pk Height (A): 0.063
Blank Corrected Pk Area (A-s): 0.188
Concentration (ug/L ): 45.0 *102%* *367+20*

Mean Conc (ug/L ): 42.6 SD: 3.31 RSD(%): 7.8

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Sample ID: 21 Sequence No.: 00023 Sampler Position: 21

Peak Area (A-s): 0.131 Peak Height (A): 0.215
Background Pk Area (A-s): 0.087 Background Pk Height (A): 0.061
Blank Corrected Pk Area (A-s): 0.135
Concentration (ug/L ): 32.1

Peak Area (A-s): 0.130 Peak Height (A): 0.212
Background Pk Area (A-s): 0.084 Background Pk Height (A): 0.061
Blank Corrected Pk Area (A-s): 0.133
Concentration (ug/L ): 31.9 *Sf dilute ½ more* *368*

Mean Conc (ug/L ): 32.0 SD: 0.18 RSD(%): 0.6

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Sample ID: 22 Sequence No.: 00024 Sampler Position: 22

Peak Area (A-s): 0.207 Peak Height (A): 0.336
Background Pk Area (A-s): 0.092 Background Pk Height (A): 0.070
Blank Corrected Pk Area (A-s): 0.210
Concentration (ug/L ): 50.2

Peak Area (A-s): 0.191 Peak Height (A): 0.310 *Sf*
Background Pk Area (A-s): 0.085 Background Pk Height (A): 0.070

Blank Corrected Pk Area (A-s): 0.194
Concentration (ug/L ): 46.3

Mean Conc (ug/L ): 48.3 SD: 2.73 RSD(%): 5.7

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Sample ID: 23 Sequence No.: 00025 Sampler Position: 23

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.937 Peak Height (A): 1.376
Background Pk Area (A-s): 0.192 Background Pk Height (A): 0.197
Blank Corrected Pk Area (A-s): 0.941
Concentration (ug/L ): 224.6

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.923 Peak Height (A): 1.390
Background Pk Area (A-s): 0.191 Background Pk Height (A): 0.199
Blank Corrected Pk Area (A-s): 0.926
Concentration (ug/L ): 221.1

The sample absorbance is greater than that of the highest standard.
Mean Conc (ug/L ): 222.9 SD: 2.45 RSD(%): 1.1

Sf
See ICP
369

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Sample ID: 24 Sequence No.: 00026 Sampler Position: 24

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.899 Peak Height (A): 1.313
Background Pk Area (A-s): 0.182 Background Pk Height (A): 0.182
Blank Corrected Pk Area (A-s): 0.902
Concentration (ug/L ): 215.4

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.982 Peak Height (A): 1.415
Background Pk Area (A-s): 0.200 Background Pk Height (A): 0.199
Blank Corrected Pk Area (A-s): 0.985
Concentration (ug/L ): 235.2

The sample absorbance is greater than that of the highest standard.
Mean Conc (ug/L ): 225.3 SD: 13.99 RSD(%): 6.2

Sf

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Sample ID: 25 Sequence No.: 00027 Sampler Position: 25

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.491 Peak Height (A): 0.761
Background Pk Area (A-s): 0.122 Background Pk Height (A): 0.110
Blank Corrected Pk Area (A-s): 0.495
Concentration (ug/L ): 118.1

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.521 Peak Height (A): 0.801
Background Pk Area (A-s): 0.125 Background Pk Height (A): 0.107
Blank Corrected Pk Area (A-s): 0.525
Concentration (ug/L ): 125.2

The sample absorbance is greater than that of the highest standard.
Mean Conc (ug/L ): 121.7 SD: 5.03 RSD(%): 4.1

Sf
dilute 1/5
370
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Sample ID: 26 Sequence No.: 00028 Sampler Position: 26

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.535 Peak Height (A): 0.828
Background Pk Area (A-s): 0.121 Background Pk Height (A): 0.115
Blank Corrected Pk Area (A-s): 0.538
Concentration (ug/L ): 128.5

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.550 Peak Height (A): 0.854
Background Pk Area (A-s): 0.123 Background Pk Height (A): 0.113
Blank Corrected Pk Area (A-s): 0.553
Concentration (ug/L ): 132.1

The sample absorbance is greater than that of the highest standard.
Mean Conc (ug/L ): 130.3 SD: 2.54 RSD(%): 1.9

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Sample ID: 27 Sequence No.: 00029 Sampler Position: 27

Peak Area (A-s): 0.003 Peak Height (A): 0.007
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L ): 1.7

Peak Area (A-s): 0.001 Peak Height (A): 0.008
Background Pk Area (A-s): 0.052 Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L ): 1.1 <2 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): 1.4 SD: 0.38 RSD(%): 27.2

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Sample ID: 28 Sequence No.: 00030 Sampler Position: 28

Peak Area (A-s): 0.142 Peak Height (A): 0.223
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.146
Concentration (ug/L ): 34.8

Peak Area (A-s): 0.152 Peak Height (A): 0.241
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.156
Concentration (ug/L ): 37.2 36 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 36.0 SD: 1.72 RSD(%): 4.8

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Sample ID: 29 Sequence No.: 00031 Sampler Position: 29

Peak Area (A-s): 0.110 Peak Height (A): 0.166
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.114
Concentration (ug/L ): 27.1

Peak Area (A-s): 0.094 Peak Height (A): 0.141
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.037

lf

Blank Corrected Pk Area (A-s): 0.097 Poor Reproducibility
Concentration (ug/L ): 23.2

Mean Conc (ug/L ): 25.1 SD: 2.80 RSD(%): 11.1

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Sample ID: 30 Sequence No.: 00032 Sampler Position: 30

Peak Area (A-s): 0.162 Peak Height (A): 0.228
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.166
Concentration (ug/L ): 39.6

Peak Area (A-s): 0.159 Peak Height (A): 0.211
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.163
Concentration (ug/L ): 38.9

Mean Conc (ug/L ): 39.2 SD: 0.49 RSD(%): 1.3

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Sample ID: 31 Sequence No.: 00033 Sampler Position: 31

Peak Area (A-s): 0.004 Peak Height (A): 0.009
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L ): 1.7

Peak Area (A-s): 0.003 Peak Height (A): 0.009
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L ): 1.6 <2 378

Mean Conc (ug/L ): 1.6 SD: 0.09 RSD(%): 5.6

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Sample ID: 32 Sequence No.: 00034 Sampler Position: 32

Peak Area (A-s): 0.074 Peak Height (A): 0.120
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.078
Concentration (ug/L ): 18.6

Peak Area (A-s): 0.085 Peak Height (A): 0.133
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.089
Concentration (ug/L ): 21.2 100% 378+20

Mean Conc (ug/L ): 19.9 SD: 1.80 RSD(%): 9.0

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Sample ID: 33 Sequence No.: 00035 Sampler Position: 33

Peak Area (A-s): 0.014 Peak Height (A): 0.024
Background Pk Area (A-s): 0.055 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.017
Concentration (ug/L ): 4.1

Peak Area (A-s): 0.017 Peak Height (A): 0.026

Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.020
Concentration (ug/L ): 4.8 5 379

Mean Conc (ug/L ): 4.5 SD: 0.52 RSD(%): 11.6

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Sample ID: 34 Sequence No.: 00036 Sampler Position: 34

Peak Area (A-s): 0.087 Peak Height (A): 0.138
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.091
Concentration (ug/L ): 21.7

Peak Area (A-s): 0.094 Peak Height (A): 0.140
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.097
Concentration (ug/L ): 23.2 90% 379+20

Mean Conc (ug/L ): 22.4 SD: 1.09 RSD(%): 4.9

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Sample ID: 35 Sequence No.: 00037 Sampler Position: 35

Peak Area (A-s): 0.010 Peak Height (A): 0.021
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.013
Concentration (ug/L ): 3.1

Peak Area (A-s): 0.009 Peak Height (A): 0.022
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.013
Concentration (ug/L ): 3.1 3 380

Mean Conc (ug/L ): 3.1 SD: 0.03 RSD(%): 1.1

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Sample ID: 36 Sequence No.: 00038 Sampler Position: 36

Peak Area (A-s): 0.097 Peak Height (A): 0.160
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.101
Concentration (ug/L ): 24.0

Peak Area (A-s): 0.096 Peak Height (A): 0.149
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.100
Concentration (ug/L ): 23.8 104% 380+20

Mean Conc (ug/L ): 23.9 SD: 0.17 RSD(%): 0.7

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Sample ID: 37 Sequence No.: 00039 Sampler Position: 37

Peak Area (A-s): 0.025 Peak Height (A): 0.040
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.028
Concentration (ug/L ): 6.8

Peak Area (A-s): 0.024 Peak Height (A): 0.041
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.027
Concentration (ug/L ): 6.5 7

381

Mean Conc (ug/L ): 6.6 SD: 0.18 RSD(%): 2.8

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Sample ID: 38 Sequence No.: 00040 Sampler Position: 38

Peak Area (A-s): 0.112 Peak Height (A): 0.178
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.115
Concentration (ug/L ): 27.6

Peak Area (A-s): 0.113 Peak Height (A): 0.176
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.116
Concentration (ug/L ): 27.8

106% 381+20

Mean Conc (ug/L ): 27.7 SD: 0.15 RSD(%): 0.5

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Sample ID: 39 Sequence No.: 00041 Sampler Position: 39

Peak Area (A-s): -0.002 Peak Height (A): 0.008
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L ): 0.3

Peak Area (A-s): -0.004 Peak Height (A): 0.009
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L ): -0.2 <2 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): 0.0 SD: 0.39 RSD(%): 291.6

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Sample ID: 40 Sequence No.: 00042 Sampler Position: 40

Peak Area (A-s): 0.142 Peak Height (A): 0.209
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.146
Concentration (ug/L ): 34.8

Peak Area (A-s): 0.150 Peak Height (A): 0.225
Background Pk Area (A-s): 0.067 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.153
Concentration (ug/L ): 36.6 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 35.7 36 SD: 1.27 RSD(%): 3.6

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Sample ID: 5 Sequence No.: 00043 Sampler Position: 5

Peak Area (A-s): 0.014 Peak Height (A): 0.028
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.017
Concentration (ug/L ): 4.1

Peak Area (A-s): 0.014 | Peak Height (A): 0.025
Background Pk Area (A-s): 0.056 | Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.017
Concentration (ug/L ): 4.1

4 382

Mean Conc (ug/L ): 4.1 SD: 0.04 RSD(%): 0.9

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Sample ID: 6 Sequence No.: 00044 Sampler Position: 6

Peak Area (A-s): 0.095 | Peak Height (A): 0.157
Background Pk Area (A-s): 0.057 | Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.098
Concentration (ug/L ): 23.4

Peak Area (A-s): 0.103 | Peak Height (A): 0.166
Background Pk Area (A-s): 0.060 | Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.107
Concentration (ug/L ): 25.5

102% 382+20

Mean Conc (ug/L ): 24.5 SD: 1.46 RSD(%): 6.0

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Sample ID: 7 Sequence No.: 00045 Sampler Position: 7

Peak Area (A-s): 0.015 | Peak Height (A): 0.031
Background Pk Area (A-s): 0.051 | Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.018
Concentration (ug/L ): 4.4

SF over-diluted

Peak Area (A-s): 0.018 | Peak Height (A): 0.028
Background Pk Area (A-s): 0.049 | Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.021
Concentration (ug/L ): 5.1

Mean Conc (ug/L ): 4.7 SD: 0.51 RSD(%): 10.8

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Sample ID: 8 Sequence No.: 00046 Sampler Position: 8

Peak Area (A-s): 0.086 | Peak Height (A): 0.150
Background Pk Area (A-s): 0.061 | Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.089
Concentration (ug/L ): 21.3

SF

Peak Area (A-s): 0.085 | Peak Height (A): 0.145
Background Pk Area (A-s): 0.062 | Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.088
Concentration (ug/L ): 21.0

Mean Conc (ug/L ): 21.2 SD: 0.22 RSD(%): 1.0

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Sample ID: 9 Sequence No.: 00047 Sampler Position: 9

SF

Peak Area (A-s): 0.014 | Peak Height (A): 0.022
Background Pk Area (A-s): 0.053 | Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.017

Concentration (ug/L ): 4.2  Sf  rerun below

Peak Area (A-s): 0.009  Peak Height (A): 0.020
Background Pk Area (A-s): 0.055  Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.012
Concentration (ug/L ): 2.9

Mean Conc (ug/L ): 3.5  SD: 0.90  RSD(%): 25.5

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Sample ID: 10  Sequence No.: 00048  Sampler Position: 10

Peak Area (A-s): 0.079  Peak Height (A): 0.133
Background Pk Area (A-s): 0.059  Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.082
Concentration (ug/L ): 19.6  Sf

Peak Area (A-s): 0.082  Peak Height (A): 0.134
Background Pk Area (A-s): 0.059  Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.085
Concentration (ug/L ): 20.4

Mean Conc (ug/L ): 20.0  SD: 0.54  RSD(%): 2.7

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Sample ID: 11  Sequence No.: 00049  Sampler Position: 11

Peak Area (A-s): 0.010  Peak Height (A): 0.020
Background Pk Area (A-s): 0.054  Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.013
Concentration (ug/L ): 3.2

Peak Area (A-s): 0.012  Peak Height (A): 0.021
Background Pk Area (A-s): 0.056  Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.016
Concentration (ug/L ): 3.8  4  385A

Mean Conc (ug/L ): 3.5  SD: 0.40  RSD(%): 11.4

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Sample ID: 12  Sequence No.: 00050  Sampler Position: 12

Peak Area (A-s): 0.081  Peak Height (A): 0.137
Background Pk Area (A-s): 0.057  Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.084
Concentration (ug/L ): 20.1

Peak Area (A-s): 0.092  Peak Height (A): 0.142
Background Pk Area (A-s): 0.062  Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.096
Concentration (ug/L ): 22.8  90%  385A+20

Mean Conc (ug/L ): 21.5  SD: 1.89  RSD(%): 8.8

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Sample ID: 13  Sequence No.: 00051  Sampler Position: 13

Peak Area (A-s): 0.012  Peak Height (A): 0.026
Background Pk Area (A-s): 0.057  Background Pk Height (A): 0.029

Blank Corrected Pk Area (A-s): 0.016
Concentration (ug/L ): 3.8

Peak Area (A-s): 0.012 | Peak Height (A): 0.028
Background Pk Area (A-s): 0.060 | Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.016
Concentration (ug/L ): 3.8 4 385B

Mean Conc (ug/L ): 3.8 SD: 0.03 RSD(%): 0.8

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Sample ID: 14 Sequence No.: 00052 Sampler Position: 14

Peak Area (A-s): 0.095 | Peak Height (A): 0.155
Background Pk Area (A-s): 0.062 | Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.099
Concentration (ug/L ): 23.5

Peak Area (A-s): 0.093 | Peak Height (A): 0.151
Background Pk Area (A-s): 0.062 | Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.097
Concentration (ug/L ): 23.1 98% 385B +20

Mean Conc (ug/L ): 23.3 SD: 0.32 RSD(%): 1.4

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Sample ID: 15 Sequence No.: 00053 Sampler Position: 15

Peak Area (A-s): -0.000 | Peak Height (A): 0.010
Background Pk Area (A-s): 0.057 | Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L ): 0.7

Peak Area (A-s): 0.001 | Peak Height (A): 0.011
Background Pk Area (A-s): 0.052 | Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L ): 1.1 <2 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): 0.9 SD: 0.30 RSD(%): 32.5

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Sample ID: 16 Sequence No.: 00054 Sampler Position: 16

Peak Area (A-s): 0.146 | Peak Height (A): 0.205
Background Pk Area (A-s): 0.065 | Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.150
Concentration (ug/L ): 35.7

Peak Area (A-s): 0.146 | Peak Height (A): 0.204
Background Pk Area (A-s): 0.064 | Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.150
Concentration (ug/L ): 35.8 36 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 35.8 SD: 0.05 RSD(%): 0.1

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Sample ID: 9 Sequence No.: 00055 Sampler Position: 9

Peak Area (A-s): 0.014 | Peak Height (A): 0.028

Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.018
Concentration (ug/L ): 4.2

Peak Area (A-s): 0.012 Peak Height (A): 0.025
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.016 4
Concentration (ug/L ): 3.7 384

Mean Conc (ug/L ): 4.0 SD: 0.35 RSD(%): 8.8

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Sample ID: 10 Sequence No.: 00056 Sampler Position: 10

Peak Area (A-s): 0.098 Peak Height (A): 0.152
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.101
Concentration (ug/L ): 24.2

Peak Area (A-s): 0.082 Peak Height (A): 0.135
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.085
Concentration (ug/L ): 20.3 91% 384+20

Mean Conc (ug/L ): 22.2 SD: 2.73 RSD(%): 12.3

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Sample ID: 17 Sequence No.: 00057 Sampler Position: 17

Peak Area (A-s): 0.067 Peak Height (A): 0.102
Background Pk Area (A-s): 0.083 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.070
Concentration (ug/L ): 16.8

Peak Area (A-s): 0.060 Peak Height (A): 0.095
Background Pk Area (A-s): 0.084 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.063 16
Concentration (ug/L ): 15.1 386

Mean Conc (ug/L ): 16.0 SD: 1.17 RSD(%): 7.3

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Sample ID: 18 Sequence No.: 00058 Sampler Position: 18

Peak Area (A-s): 0.145 Peak Height (A): 0.220
Background Pk Area (A-s): 0.095 Background Pk Height (A): 0.065
Blank Corrected Pk Area (A-s): 0.148
Concentration (ug/L ): 35.3

ff rerun below

Peak Area (A-s): 0.118 Peak Height (A): 0.196
Background Pk Area (A-s): 0.104 Background Pk Height (A): 0.079
Blank Corrected Pk Area (A-s): 0.121
Concentration (ug/L ): 28.9

Mean Conc (ug/L ): 32.1 SD: 4.54 RSD(%): 14.1

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Sample ID: 19 Sequence No.: 00059 Sampler Position: 19

Peak Area (A-s): 0.062 Peak Height (A): 0.097
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.065
Concentration (ug/L ): 15.6

Peak Area (A-s): 0.065 Peak Height (A): 0.104
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.069
Concentration (ug/L ): 16.4 16 387

Mean Conc (ug/L ): 16.0 SD: 0.58 RSD(%): 3.6

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Sample ID: 18 Sequence No.: 00060 Sampler Position: 18

Peak Area (A-s): 0.136 Peak Height (A): 0.216
Background Pk Area (A-s): 0.095 Background Pk Height (A): 0.068
Blank Corrected Pk Area (A-s): 0.140
Concentration (ug/L ): 33.3

Peak Area (A-s): 0.146 Peak Height (A): 0.228
Background Pk Area (A-s): 0.094 Background Pk Height (A): 0.065
Blank Corrected Pk Area (A-s): 0.149
Concentration (ug/L ): 35.6 93% 386+20

Mean Conc (ug/L ): 34.5 SD: 1.63 RSD(%): 4.7

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Sample ID: 20 Sequence No.: 00061 Sampler Position: 20

Peak Area (A-s): 0.132 Peak Height (A): 0.211
Background Pk Area (A-s): 0.083 Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.135
Concentration (ug/L ): 32.2

Peak Area (A-s): 0.138 Peak Height (A): 0.209
Background Pk Area (A-s): 0.077 Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.142
Concentration (ug/L ): 33.8 85% 387+20

Mean Conc (ug/L ): 33.0 SD: 1.09 RSD(%): 3.3

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Sample ID: 21 Sequence No.: 00062 Sampler Position: 21

Peak Area (A-s): 0.061 Peak Height (A): 0.098
Background Pk Area (A-s): 0.079 Background Pk Height (A): 0.058
Blank Corrected Pk Area (A-s): 0.064
Concentration (ug/L ): 15.3

SF Re-check Dilution

Peak Area (A-s): 0.071 Peak Height (A): 0.112
Background Pk Area (A-s): 0.087 Background Pk Height (A): 0.063
Blank Corrected Pk Area (A-s): 0.074
Concentration (ug/L ): 17.7

Mean Conc (ug/L ): 16.5 SD: 1.69 RSD(%): 10.2

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Sample ID: 22 Sequence No.: 00063 Sampler Position: 22

Peak Area (A-s): 0.125 | Peak Height (A): 0.189
Background Pk Area (A-s): 0.087 | Background Pk Height (A): 0.064
Blank Corrected Pk Area (A-s): 0.128
Concentration (ug/L ): 30.6

Peak Area (A-s): 0.129 | Peak Height (A): 0.193
Background Pk Area (A-s): 0.089 | Background Pk Height (A): 0.067
Blank Corrected Pk Area (A-s): 0.132
Concentration (ug/L ): 31.5

Mean Conc (ug/L ): 31.1 SD: 0.65 RSD(%): 2.1

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Sample ID: 23 Sequence No.: 00064 Sampler Position: 23

Peak Area (A-s): 0.052 | Peak Height (A): 0.090
Background Pk Area (A-s): 0.082 | Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.056
Concentration (ug/L ): 13.3

Peak Area (A-s): 0.053 | Peak Height (A): 0.086
Background Pk Area (A-s): 0.075 | Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.056
Concentration (ug/L ): 13.5 13 389

Mean Conc (ug/L ): 13.4 SD: 0.14 RSD(%): 1.0

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Sample ID: 24 Sequence No.: 00065 Sampler Position: 24

Peak Area (A-s): 0.125 | Peak Height (A): 0.201
Background Pk Area (A-s): 0.073 | Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.128
Concentration (ug/L ): 30.6

Peak Area (A-s): 0.123 | Peak Height (A): 0.203
Background Pk Area (A-s): 0.074 | Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.126
Concentration (ug/L ): 30.1 85% 389+20

Mean Conc (ug/L ): 30.4 SD: 0.37 RSD(%): 1.2

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Sample ID: 25 Sequence No.: 00066 Sampler Position: 25

Peak Area (A-s): 0.090 | Peak Height (A): 0.132
Background Pk Area (A-s): 0.103 | Background Pk Height (A): 0.066
Blank Corrected Pk Area (A-s): 0.093
Concentration (ug/L ): 22.3

Peak Area (A-s): 0.069 | Peak Height (A): 0.114
Background Pk Area (A-s): 0.091 | Background Pk Height (A): 0.062
Blank Corrected Pk Area (A-s): 0.073
Concentration (ug/L ): 17.4

Mean Conc (ug/L ): 19.8 SD: 3.47 RSD(%): 17.5

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Sample ID: 26 Sequence No.: 00067 Sampler Position: 26

Peak Area (A-s): 0.153 Peak Height (A): 0.238
Background Pk Area (A-s): 0.100 Background Pk Height (A): 0.067
Blank Corrected Pk Area (A-s): 0.156
Concentration (ug/L ): 37.3

Peak Area (A-s): 0.144 Peak Height (A): 0.224
Background Pk Area (A-s): 0.091 Background Pk Height (A): 0.067
Blank Corrected Pk Area (A-s): 0.147
Concentration (ug/L ): 35.1

Mean Conc (ug/L ): 36.2 SD: 1.51 RSD(%): 4.2

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Sample ID: 27 Sequence No.: 00068 Sampler Position: 27

Peak Area (A-s): -0.003 Peak Height (A): 0.010
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L ): 0.1

Peak Area (A-s): 0.004 Peak Height (A): 0.009
Background Pk Area (A-s): 0.051 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L ): 1.8 <2 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): 0.9 SD: 1.18 RSD(%): 126.4

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Sample ID: 28 Sequence No.: 00069 Sampler Position: 28

Peak Area (A-s): 0.132 Peak Height (A): 0.177
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.135
Concentration (ug/L ): 32.3

Peak Area (A-s): 0.144 Peak Height (A): 0.217
Background Pk Area (A-s): 0.065 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.147
Concentration (ug/L ): 35.2 34 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 33.7 SD: 2.05 RSD(%): 6.1

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Sample ID: 29 Sequence No.: 00070 Sampler Position: 29

Peak Area (A-s): 0.054 Peak Height (A): 0.084
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.057
Concentration (ug/L ): 13.7

Peak Area (A-s): 0.068 Peak Height (A): 0.111
Background Pk Area (A-s): 0.081 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): 0.072
Concentration (ug/L ): 17.2 15 391

Mean Conc (ug/L ): 15.4 SD: 2.48 RSD(%): 16.1
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Sample ID: 30 Sequence No.: 00071 Sampler Position: 30

Peak Area (A-s): 0.139 Peak Height (A): 0.212
Background Pk Area (A-s): 0.084 Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.142
Concentration (ug/L ): 33.9

Peak Area (A-s): 0.144 Peak Height (A): 0.223
Background Pk Area (A-s): 0.085 Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.147
Concentration (ug/L ): 35.2 96% 391+20

Mean Conc (ug/L ): 34.5 SD: 0.89 RSD(%): 2.6

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Sample ID: 31 Sequence No.: 00072 Sampler Position: 31

Peak Area (A-s): 0.002 Peak Height (A): 0.010
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L ): 1.3

Peak Area (A-s): 0.003 Peak Height (A): 0.010
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L ): 1.6 $\leq 2$ 392

Mean Conc (ug/L ): 1.4 SD: 0.21 RSD(%): 14.6

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Sample ID: 32 Sequence No.: 00073 Sampler Position: 32

Peak Area (A-s): 0.085 Peak Height (A): 0.138
Background Pk Area (A-s): 0.067 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.089
Concentration (ug/L ): 21.2

Peak Area (A-s): 0.079 Peak Height (A): 0.117
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.082
Concentration (ug/L ): 19.6 95% 392+20

Mean Conc (ug/L ): 20.4 SD: 1.15 RSD(%): 5.6

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Sample ID: 33 Sequence No.: 00074 Sampler Position: 33

Peak Area (A-s): 0.040 Peak Height (A): 0.062
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.044
Concentration (ug/L ): 10.4

Peak Area (A-s): 0.041 Peak Height (A): 0.061
Background Pk Area (A-s): 0.067 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.045
Concentration (ug/L ): 10.7

21 393 ½

Mean Conc (ug/L ): 10.6 SD: 0.20 RSD(%): 1.9

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Sample ID: 34 Sequence No.: 00075 Sampler Position: 34

Peak Area (A-s): 0.115 Peak Height (A): 0.158
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.119
Concentration (ug/L ): 28.3

Peak Area (A-s): 0.119 Peak Height (A): 0.162
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.123
Concentration (ug/L ): 29.3 91% 393+20

Mean Conc (ug/L ): 28.8 SD: 0.71 RSD(%): 2.5

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Sample ID: 35 Sequence No.: 00076 Sampler Position: 35

Peak Area (A-s): 0.090 Peak Height (A): 0.132
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.093
Concentration (ug/L ): 22.2

Peak Area (A-s): 0.092 Peak Height (A): 0.141
Background Pk Area (A-s): 0.078 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.095
Concentration (ug/L ): 22.7 23 394

Mean Conc (ug/L ): 22.5 SD: 0.32 RSD(%): 1.4

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Sample ID: 36 Sequence No.: 00077 Sampler Position: 36

Peak Area (A-s): 0.164 Peak Height (A): 0.248
Background Pk Area (A-s): 0.084 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.168
Concentration (ug/L ): 40.1

Peak Area (A-s): 0.166 Peak Height (A): 0.243
Background Pk Area (A-s): 0.080 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): 0.169
Concentration (ug/L ): 40.5 89% 394+20

Mean Conc (ug/L ): 40.3 SD: 0.25 RSD(%): 0.6

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Sample ID: 37 Sequence No.: 00078 Sampler Position: 37

Peak Area (A-s): 0.046 Peak Height (A): 0.066
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.049
Concentration (ug/L ): 11.8

Peak Area (A-s): 0.045 Peak Height (A): 0.067
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.049
Concentration (ug/L ): 11.6

23

395A 1/2

Mean Conc (ug/L ): 11.7 SD: 0.15 RSD(%): 1.3

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Sample ID: 38 Sequence No.: 00079 Sampler Position: 38

Peak Area (A-s): 0.116 Peak Height (A): 0.155
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.119
Concentration (ug/L ): 28.5

Peak Area (A-s): 0.123 Peak Height (A): 0.174
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.126
Concentration (ug/L ): 30.1

88% 395A+20

Mean Conc (ug/L ): 29.3 SD: 1.15 RSD(%): 3.9

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Sample ID: 39 Sequence No.: 00080 Sampler Position: 39

Peak Area (A-s): 0.003 Peak Height (A): 0.013
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L ): 1.5

Peak Area (A-s): -0.002 Peak Height (A): 0.007
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L ): 0.4 <2 Cont. Cal. Blk (0)

Mean Conc (ug/L ): 1.0 SD: 0.77 RSD(%): 80.0

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Sample ID: 40 Sequence No.: 00081 Sampler Position: 40

Peak Area (A-s): 0.132 Peak Height (A): 0.202
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.135
Concentration (ug/L ): 32.3

Peak Area (A-s): 0.132 Peak Height (A): 0.203
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.135
Concentration (ug/L ): 32.3 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 32.3 32 SD: 0.01 RSD(%): 0.0

(As) SR16122 11-19-87

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Sample ID: Blank    Sequence No.: 00096    Sampler Position: 1

Peak Area (A-s): 0.002    Peak Height (A): 0.009
Background Pk Area (A-s): 0.047    Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): -0.000
Concentration (ug/L ): -0.0

Peak Area (A-s): -0.003    Peak Height (A): 0.008
Background Pk Area (A-s): 0.051    Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): -0.005
Concentration (ug/L ): -1.2

Mean Conc (ug/L ): -0.6    SD: 0.84    RSD(%): 136.1

Auto-zero performed.

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Sample ID: Standard 1    Sequence No.: 00097    Sampler Position: 2

Peak Area (A-s): 0.069    Peak Height (A): 0.107

Background Pk Area (A-s): 0.050    Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.070
Concentration (ug/L ): 16.2

Peak Area (A-s): 0.070    Peak Height (A): 0.105
Background Pk Area (A-s): 0.050    Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.070
Concentration (ug/L ): 16.3

Mean Conc (ug/L ): 16.3    SD: 0.06    RSD(%): 0.4

Standard number 1 applied. [ 20.0]

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Sample ID: Standard 2    Sequence No.: 00098    Sampler Position: 3

Peak Area (A-s): 0.131    Peak Height (A): 0.189
Background Pk Area (A-s): 0.052    Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.132
Concentration (ug/L ): 37.7

Peak Area (A-s): 0.127    Peak Height (A): 0.181
Background Pk Area (A-s): 0.055    Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.128
Concentration (ug/L ): 36.6

Mean Conc (ug/L ): 37.1    SD: 0.81    RSD(%): 2.2

Standard number 2 applied. [ 35.0]

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Sample ID: Standard 3    Sequence No.: 00099    Sampler Position: 4

Peak Area (A-s): 0.185    Peak Height (A): 0.271
Background Pk Area (A-s): 0.057    Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.186
Concentration (ug/L ): 50.8

Peak Area (A-s): 0.176    Peak Height (A): 0.257
Background Pk Area (A-s): 0.059    Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.176
Concentration (ug/L ): 48.2

Mean Conc (ug/L ): 49.5    SD: 1.83    RSD(%): 3.7

Standard number 3 applied. [ 50.0]

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Sample ID: 5    Sequence No.: 00100    Sampler Position: 5

Peak Area (A-s): 0.002    Peak Height (A): 0.011
Background Pk Area (A-s): 0.057    Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L ): 0.8

Peak Area (A-s): 0.001    Peak Height (A): 0.009
Background Pk Area (A-s): 0.057    Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L ): 0.4
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Cont. Cal. Blk (0)

Mean Conc (ug/L ): 0.6 <2 SD: 0.30 RSD(%): 50.8

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Sample ID: 6 Sequence No.: 00101 Sampler Position: 6

Peak Area (A-s): 0.154 Peak Height (A): 0.228
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.154
Concentration (ug/L ): 42.4

Peak Area (A-s): 0.147 Peak Height (A): 0.222
Background Pk Area (A-s): 0.052 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.147
Concentration (ug/L ): 40.5 42 ICV-2 (41)

Mean Conc (ug/L ): 41.5 SD: 1.36 RSD(%): 3.3

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Sample ID: 7 Sequence No.: 00102 Sampler Position: 7

Peak Area (A-s): 0.050 Peak Height (A): 0.072
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.050
Concentration (ug/L ): 13.9

Peak Area (A-s): 0.050 Peak Height (A): 0.069
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.051
Concentration (ug/L ): 14.0 28 395B ½

Mean Conc (ug/L ): 13.9 SD: 0.10 RSD(%): 0.7

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Sample ID: 8 Sequence No.: 00103 Sampler Position: 8

Peak Area (A-s): 0.129 Peak Height (A): 0.169
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.129
Concentration (ug/L ): 35.6

Peak Area (A-s): 0.126 Peak Height (A): 0.169
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.126
Concentration (ug/L ): 34.8 107% 395B+20

Mean Conc (ug/L ): 35.2 SD: 0.59 RSD(%): 1.7

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Sample ID: 9 Sequence No.: 00104 Sampler Position: 9

Peak Area (A-s): 0.091 Peak Height (A): 0.137
Background Pk Area (A-s): 0.078 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.091
Concentration (ug/L ): 25.1

Peak Area (A-s): 0.097 Peak Height (A): 0.142
Background Pk Area (A-s): 0.082 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.097

Concentration (ug/L ): 26.8 26

396

Mean Conc (ug/L ): 25.9 SD: 1.19 RSD(%): 4.6

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Sample ID: 10 Sequence No.: 00105 Sampler Position: 10

Peak Area (A-s): 0.175 Peak Height (A): 0.262
Background Pk Area (A-s): 0.086 Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.176
Concentration (ug/L ): 48.4

Peak Area (A-s): 0.174 Peak Height (A): 0.264
Background Pk Area (A-s): 0.084 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.175
Concentration (ug/L ): 48.1

112% 396+20

Mean Conc (ug/L ): 48.2 SD: 0.26 RSD(%): 0.5

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Sample ID: 11 Sequence No.: 00106 Sampler Position: 11

Peak Area (A-s): 0.050 Peak Height (A): 0.074
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.050
Concentration (ug/L ): 13.9

Peak Area (A-s): 0.051 Peak Height (A): 0.068
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.051
Concentration (ug/L ): 14.2 28

397 1/2

Mean Conc (ug/L ): 14.0 SD: 0.19 RSD(%): 1.3

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Sample ID: 12 Sequence No.: 00107 Sampler Position: 12

Peak Area (A-s): 0.131 Peak Height (A): 0.194
Background Pk Area (A-s): 0.082 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.131
Concentration (ug/L ): 36.1

Peak Area (A-s): 0.131 Peak Height (A): 0.193
Background Pk Area (A-s): 0.084 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.132
Concentration (ug/L ): 36.2

111% 397+20

Mean Conc (ug/L ): 36.2 SD: 0.09 RSD(%): 0.3

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Sample ID: 13 Sequence No.: 00108 Sampler Position: 13

Peak Area (A-s): 0.043 Peak Height (A): 0.064
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.043
Concentration (ug/L ): 11.9

Peak Area (A-s): 0.045 Peak Height (A): 0.062
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.037

Blank Corrected Pk Area (A-s): 0.045
Concentration (ug/L ): 12.4 → 24

398 ½

Mean Conc (ug/L ): 12.2 SD: 0.34 RSD(%): 2.8

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Sample ID: 14 Sequence No.: 00109 Sampler Position: 14

Peak Area (A-s): 0.123 Peak Height (A): 0.176
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.123
Concentration (ug/L ): 33.9

Peak Area (A-s): 0.121 Peak Height (A): 0.175
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.121
Concentration (ug/L ): 33.3

107% 398+20

Mean Conc (ug/L ): 33.6 SD: 0.44 RSD(%): 1.3

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Sample ID: 15 Sequence No.: 00110 Sampler Position: 15

Peak Area (A-s): 0.089 Peak Height (A): 0.137
Background Pk Area (A-s): 0.082 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): 0.089
Concentration (ug/L ): 24.6

Peak Area (A-s): 0.092 Peak Height (A): 0.139
Background Pk Area (A-s): 0.079 Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.092
Concentration (ug/L ): 25.4 → 25

399

Mean Conc (ug/L ): 25.0 SD: 0.59 RSD(%): 2.3

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Sample ID: 16 Sequence No.: 00111 Sampler Position: 16

Peak Area (A-s): 0.178 Peak Height (A): 0.264
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.178
Concentration (ug/L ): 49.1

Peak Area (A-s): 0.166 Peak Height (A): 0.260
Background Pk Area (A-s): 0.078 Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.166
Concentration (ug/L ): 45.7

112% 399+20

Mean Conc (ug/L ): 47.4 SD: 2.37 RSD(%): 5.0

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Sample ID: 17 Sequence No.: 00112 Sampler Position: 17

Peak Area (A-s): 0.001 Peak Height (A): 0.008
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L ): 0.4

Peak Area (A-s): 0.004 Peak Height (A): 0.010

Background Pk Area (A-s): 0.055    Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L ): 1.3    Cont. Cal. Blk. (0)

Mean Conc (ug/L ): 0.9    <2    SD: 0.58    RSD(%): 68.1

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Sample ID: 18    Sequence No.: 00113    Sampler Position: 18

Peak Area (A-s): 0.118    Peak Height (A): 0.179
Background Pk Area (A-s): 0.057    Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.119
Concentration (ug/L ): 32.6

Peak Area (A-s): 0.125    Peak Height (A): 0.183
Background Pk Area (A-s): 0.055    Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.125
Concentration (ug/L ): 34.4    Cont. Cal. Std. (35)

Mean Conc (ug/L ): 33.5    34    SD: 1.25    RSD(%): 3.7

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Sample ID: 19    Sequence No.: 00114    Sampler Position: 19

Peak Area (A-s): -0.001    Peak Height (A): 0.008
Background Pk Area (A-s): 0.065    Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L ): -0.2

Peak Area (A-s): 0.000    Peak Height (A): 0.011
Background Pk Area (A-s): 0.064    Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L ): 0.2    401

Mean Conc (ug/L ): 0.0    <2    SD: 0.28    RSD(%): 541.1

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Sample ID: 20    Sequence No.: 00115    Sampler Position: 20

Peak Area (A-s): 0.081    Peak Height (A): 0.118
Background Pk Area (A-s): 0.086    Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.081
Concentration (ug/L ): 22.4

Peak Area (A-s): 0.087    Peak Height (A): 0.126
Background Pk Area (A-s): 0.084    Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.088
Concentration (ug/L ): 24.2    115%    401+20

Mean Conc (ug/L ): 23.3    SD: 1.24    RSD(%): 5.3

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Sample ID: 21    Sequence No.: 00116    Sampler Position: 21

O.K. YC (<CRDL)

Peak Area (A-s): -0.002 Peak Height (A): 0.007
Background Pk Area (A-s): 0.050 Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L ): -0.5

If rep below.

4

Peak Area (A-s): 0.029 Peak Height (A): 0.023
Background Pk Area (A-s): 0.054 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.030
Concentration (ug/L ): 8.2

Cal. Blk. (0)

Mean Conc (ug/L ): 3.9 SD: 6.15 RSD(%): 159.6

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Sample ID: 30 Sequence No.: 00125 Sampler Position: 30

Peak Area (A-s): 0.131 Peak Height (A): 0.196
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.132
Concentration (ug/L ): 36.2

Peak Area (A-s): 0.130 Peak Height (A): 0.192
Background Pk Area (A-s): 0.053 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.131
Concentration (ug/L ): 35.9 36 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 36.1 SD: 0.20 RSD(%): 0.5

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Sample ID: 31 Sequence No.: 00126 Sampler Position: 31

Peak Area (A-s): 0.020 Peak Height (A): 0.031
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.021
Concentration (ug/L ): 5.7

Peak Area (A-s): 0.020 Peak Height (A): 0.035
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.021
Concentration (ug/L ): 5.8

383

Mean Conc (ug/L ): 5.7 → 6 SD: 0.03 RSD(%): 0.5

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Sample ID: 32 Sequence No.: 00127 Sampler Position: 32

Peak Area (A-s): 0.106 Peak Height (A): 0.149
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.107
Concentration (ug/L ): 29.4

Peak Area (A-s): 0.099 Peak Height (A): 0.142
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.099
Concentration (ug/L ): 27.3 114% 383+20

Mean Conc (ug/L ): 28.4 SD: 1.45 RSD(%): 5.1

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Sample ID: 33 Sequence No.: 00128 Sampler Position: 33

dilute 1/2

Peak Area (A-s): 0.126 Peak Height (A): 0.178
Background Pk Area (A-s): 0.097 Background Pk Height (A): 0.069
Blank Corrected Pk Area (A-s): 0.126
Concentration (ug/L ): 34.7

366

Mean Conc (ug/L ): 34.2 SD: 0.69 RSD(%): 2.0

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Sample ID: 22 Sequence No.: 00117 Sampler Position: 22

The sample absorbance is greater than that of the highest standard
Peak Area (A-s): 0.199 Peak Height (A): 0.283
Background Pk Area (A-s): 0.104 Background Pk Height (A): 0.069
Blank Corrected Pk Area (A-s): 0.199
Concentration (ug/L ): 54.9

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.205 Peak Height (A): 0.289
Background Pk Area (A-s): 0.106 Background Pk Height (A): 0.069
Blank Corrected Pk Area (A-s): 0.206
Concentration (ug/L ): 56.6

The sample absorbance is greater than that of the highest standard.
Mean Conc (ug/L ): 55.8 SD: 1.26 RSD(%): 2.3

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Sample ID: 23 Sequence No.: 00118 Sampler Position: 23

Peak Area (A-s): 0.069 Peak Height (A): 0.089
Background Pk Area (A-s): 0.078 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.070
Concentration (ug/L ): 19.2

Peak Area (A-s): 0.068 Peak Height (A): 0.093
Background Pk Area (A-s): 0.080 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.069
Concentration (ug/L ): 18.9

368 1/2

Mean Conc (ug/L ): 19.1 → 38 SD: 0.21 RSD(%): 1.1

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Sample ID: 24 Sequence No.: 00119 Sampler Position: 24

Peak Area (A-s): 0.147 Peak Height (A): 0.195
Background Pk Area (A-s): 0.087 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.148
Concentration (ug/L ): 40.6

Peak Area (A-s): 0.150 Peak Height (A): 0.191
Background Pk Area (A-s): 0.085 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.150
Concentration (ug/L ): 41.4

110% 368 + 20

Mean Conc (ug/L ): 41.0 SD: 0.50 RSD(%): 1.2

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Sample ID: 25 Sequence No.: 00120 Sampler Position: 25

Peak Area (A-s): 0.097 Peak Height (A): 0.127

Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.098
Concentration (ug/L ): 26.9

Peak Area (A-s): 0.093 Peak Height (A): 0.121
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.093
Concentration (ug/L ): 25.6

132 370 1/5

Mean Conc (ug/L ): 26.3 SD: 0.91 RSD(%): 3.5

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Sample ID: 26 Sequence No.: 00121 Sampler Position: 26

Peak Area (A-s): 0.170 Peak Height (A): 0.223
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.170
Concentration (ug/L ): 46.8

Peak Area (A-s): 0.173 Peak Height (A): 0.218
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.174
Concentration (ug/L ): 47.8

105% 370+20

Mean Conc (ug/L ): 47.3 SD: 0.71 RSD(%): 1.5

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Sample ID: 27 Sequence No.: 00122 Sampler Position: 27

Peak Area (A-s): 0.095 Peak Height (A): 0.128
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.095
Concentration (ug/L ): 26.2

Peak Area (A-s): 0.095 Peak Height (A): 0.122
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.095
Concentration (ug/L ): 26.3

131 371 1/5

Mean Conc (ug/L ): 26.2 SD: 0.05 RSD(%): 0.2

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Sample ID: 28 Sequence No.: 00123 Sampler Position: 28

Peak Area (A-s): 0.166 Peak Height (A): 0.218
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.166
Concentration (ug/L ): 45.7

Peak Area (A-s): 0.162 Peak Height (A): 0.215
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.162
Concentration (ug/L ): 44.7

95% 371+20

Mean Conc (ug/L ): 45.2 SD: 0.74 RSD(%): 1.6

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Sample ID: 29 Sequence No.: 00124 Sampler Position: 29

Peak Area (A-s): -0.001 Peak Height (A): 0.010
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): -0.000
Concentration (ug/L ): -0.1

Peak Area (A-s): 0.004 Peak Height (A): 0.012
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L ): 1.1 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): 0.5 <2 SD: 0.87 RSD(%): 177.1

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Sample ID: 34 Sequence No.: 00129 Sampler Position: 34

Peak Area (A-s): 0.129 Peak Height (A): 0.187
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.130
Concentration (ug/L ): 35.7

Peak Area (A-s): 0.126 Peak Height (A): 0.187
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.126
Concentration (ug/L ): 34.8 35 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 35.3 SD: 0.67 RSD(%): 1.9

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Sample ID: 35 Sequence No.: 00130 Sampler Position: 35

Peak Area (A-s): 0.002 Peak Height (A): 0.010
Background Pk Area (A-s): -0.003 Background Pk Height (A): 0.008
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L ): 0.7

Peak Area (A-s): 0.006 Peak Height (A): 0.009
Background Pk Area (A-s): -0.004 Background Pk Height (A): 0.009
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L ): 1.8

Mean Conc (ug/L ): 1.2 SD: 0.77 RSD(%): 61.3

Sf empty

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Sample ID: 36 Sequence No.: 00131 Sampler Position: 36

Peak Area (A-s): 0.002 Peak Height (A): 0.009
Background Pk Area (A-s): -0.004 Background Pk Height (A): 0.009
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L ): 0.8

Peak Area (A-s): 0.004 Peak Height (A): 0.009
Background Pk Area (A-s): -0.005 Background Pk Height (A): 0.009
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L ): 1.1

Mean Conc (ug/L ): 0.9 SD: 0.21 RSD(%): 21.9

Sf empty.

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(As) SR16122 11-20-87

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Element File: AS_CLP
Element: As
Date: 11/20/87
Time: 8:43
Data Storage File: As_data
ID/Weight File:
Technique: HGA
Calibration Type: Linear

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Sample ID: Blank  Sequence No.: 00001  Sampler Position: 1

Peak Area (A-s): -0.003
Peak Height (A): 0.007
Background Pk Area (A-s): 0.053
Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): -0.003

Peak Area (A-s): -0.000
Peak Height (A): 0.009
Background Pk Area (A-s): 0.051
Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): -0.000

Mean Pk Area (A-s): -0.001  SD: 0.0017  RSD(%): 121.3

Auto-zero performed.

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Sample ID: Standard 1  Sequence No.: 00002  Sampler Position: 2

Peak Area (A-s): 0.081
Peak Height (A): 0.104
Background Pk Area (A-s): 0.046
Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): 0.083

Peak Area (A-s): 0.081
Peak Height (A): 0.107
Background Pk Area (A-s): 0.051
Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.082

Mean Pk Area (A-s): 0.082  SD: 0.0005  RSD(%): 0.6

Standard number 1 applied. [ 20.0]

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Sample ID: Standard 2  Sequence No.: 00003  Sampler Position: 3

Peak Area (A-s): 0.145
Peak Height (A): 0.192
Background Pk Area (A-s): 0.054
Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.147
Concentration (ug/L ): 35.6

Peak Area (A-s): 0.154
Peak Height (A): 0.199
Background Pk Area (A-s): 0.054
Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.156
Concentration (ug/L ): 37.8

Mean Conc (ug/L ): 36.7  SD: 1.53  RSD(%): 4.2

Standard number 2 applied. [ 35.0]

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Sample ID: Standard 3  Sequence No.: 00004  Sampler Position: 4

Peak Area (A-s): 0.219
Peak Height (A): 0.276
Background Pk Area (A-s): 0.059
Background Pk Height (A): 0.029

Blank Corrected Pk Area (A-s): 0.221
Concentration (ug/L ): 51.6

Peak Area (A-s): 0.216 | Peak Height (A): 0.279
Background Pk Area (A-s): 0.060 | Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.218
Concentration (ug/L ): 51.0

Mean Conc (ug/L ): 51.3 SD: 0.48 RSD(%): 0.9

Standard number 3 applied. [ 50.0]

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Sample ID: 5 Sequence No.: 00005 Sampler Position: 5

Peak Area (A-s): 0.000 | Peak Height (A): 0.010
Background Pk Area (A-s): 0.046 | Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L ): 0.4

Peak Area (A-s): -0.000 | Peak Height (A): 0.008
Background Pk Area (A-s): 0.046 | Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L ): 0.2 <2 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): 0.3 SD: 0.13 RSD(%): 37.4

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Sample ID: 6 Sequence No.: 00006 Sampler Position: 6

Peak Area (A-s): 0.189 | Peak Height (A): 0.226
Background Pk Area (A-s): 0.055 | Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.190
Concentration (ug/L ): 43.8

Peak Area (A-s): 0.189 | Peak Height (A): 0.221
Background Pk Area (A-s): 0.059 | Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.190
Concentration (ug/L ): 43.9 44 ICV-2 (41)

Mean Conc (ug/L ): 43.8 SD: 0.05 RSD(%): 0.1

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Sample ID: 7 Sequence No.: 00007 Sampler Position: 7

Peak Area (A-s): 0.052 | Peak Height (A): 0.067
Background Pk Area (A-s): 0.061 | Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.054
Concentration (ug/L ): 12.4

Peak Area (A-s): 0.058 | Peak Height (A): 0.071
Background Pk Area (A-s): 0.061 | Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.060
Concentration (ug/L ): 13.8

Mean Conc (ug/L ): 13.1 SD: 0.95 RSD(%): 7.3

SF wrong sample

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Sample ID: 8 Sequence No.: 00008 Sampler Position: 8

Peak Area (A-s): 0.132 Peak Height (A): 0.153
Background Pk Area (A-s): 0.067 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.133
Concentration (ug/L ): 30.7

Peak Area (A-s): 0.125 Peak Height (A): 0.160
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.126
Concentration (ug/L ): 29.1

Mean Conc (ug/L ): 29.9 SD: 1.15 RSD(%): 3.8

SF

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Sample ID: 9 Sequence No.: 00009 Sampler Position: 9

Peak Area (A-s): 0.078 Peak Height (A): 0.107
Background Pk Area (A-s): 0.080 Background Pk Height (A): 0.051
Blank Corrected Pk Area (A-s): 0.079
Concentration (ug/L ): 18.3

Peak Area (A-s): 0.078 Peak Height (A): 0.110
Background Pk Area (A-s): 0.080 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.079
Concentration (ug/L ): 18.2

Mean Conc (ug/L ): 18.3 SD: 0.01 RSD(%): 0.0

→ 18 388

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Sample ID: 10 Sequence No.: 00010 Sampler Position: 10

Peak Area (A-s): 0.160 Peak Height (A): 0.204
Background Pk Area (A-s): 0.090 Background Pk Height (A): 0.057
Blank Corrected Pk Area (A-s): 0.162
Concentration (ug/L ): 37.2

Peak Area (A-s): 0.155 Peak Height (A): 0.205
Background Pk Area (A-s): 0.085 Background Pk Height (A): 0.057
Blank Corrected Pk Area (A-s): 0.156
Concentration (ug/L ): 36.0

Mean Conc (ug/L ): 36.6 SD: 0.86 RSD(%): 2.4

92% 388+20

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Sample ID: 11 Sequence No.: 00011 Sampler Position: 11

Peak Area (A-s): 0.080 Peak Height (A): 0.108
Background Pk Area (A-s): 0.082 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.082
Concentration (ug/L ): 18.8

Peak Area (A-s): 0.069 Peak Height (A): 0.102
Background Pk Area (A-s): 0.081 Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.070
Concentration (ug/L ): 16.1

Mean Conc (ug/L ): 17.5 SD: 1.92 RSD(%): 11.0

→ 18 390

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Sample ID: 12 Sequence No.: 00012 Sampler Position: 12

Peak Area (A-s): 0.153 Peak Height (A): 0.208
Background Pk Area (A-s): 0.087 Background Pk Height (A): 0.060
Blank Corrected Pk Area (A-s): 0.154
Concentration (ug/L ): 35.6

Peak Area (A-s): 0.152 Peak Height (A): 0.203
Background Pk Area (A-s): 0.085 Background Pk Height (A): 0.060
Blank Corrected Pk Area (A-s): 0.153
Concentration (ug/L ): 35.3 90% 390+20

Mean Conc (ug/L ): 35.4 SD: 0.18 RSD(%): 0.5

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Sample ID: 13 Sequence No.: 00013 Sampler Position: 13

Peak Area (A-s): 0.001 Peak Height (A): 0.008
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L ): 0.5

Peak Area (A-s): -0.002 Peak Height (A): 0.008
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): -0.000
Concentration (ug/L ): -0.1 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): 0.2 &lt;2 SD: 0.41 RSD(%): 210.6

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Sample ID: 14 Sequence No.: 00014 Sampler Position: 14

Peak Area (A-s): 0.137 Peak Height (A): 0.185
Background Pk Area (A-s): 0.051 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.138
Concentration (ug/L ): 31.8

Peak Area (A-s): 0.137 Peak Height (A): 0.183
Background Pk Area (A-s): 0.058 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.139
Concentration (ug/L ): 31.9 32 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 31.8 SD: 0.10 RSD(%): 0.3

As SR16122
SR16347

11-23-87

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Element File: AS_CLP
Date: 11/23/87
Data Storage File: As_data
Technique: HGA

Element: As
Time: 13:48
ID/Weight File:
Calibration Type: Linear

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Sample ID: Blank  Sequence No.: 00001  Sampler Position: 1

Peak Area (A-s): 0.006
Background Pk Area (A-s): 0.053
Blank Corrected Pk Area (A-s): 0.006

Peak Height (A): 0.011
Background Pk Height (A): 0.022

Peak Area (A-s): -0.001
Background Pk Area (A-s): 0.057
Blank Corrected Pk Area (A-s): -0.001

Peak Height (A): 0.009
Background Pk Height (A): 0.024

Mean Pk Area (A-s): 0.002  SD: 0.0049  RSD(%): 228.2

Auto-zero performed.

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Sample ID: Standard 1  Sequence No.: 00002  Sampler Position: 2

Peak Area (A-s): 0.100
Background Pk Area (A-s): 0.062
Blank Corrected Pk Area (A-s): 0.098

Peak Height (A): 0.179
Background Pk Height (A): 0.032

Peak Area (A-s): 0.099
Background Pk Area (A-s): 0.064
Blank Corrected Pk Area (A-s): 0.097

Peak Height (A): 0.182
Background Pk Height (A): 0.031

Mean Pk Area (A-s): 0.097  SD: 0.0009  RSD(%): 1.0

Standard number 1 applied. [ 20.0]

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Sample ID: Standard 2  Sequence No.: 00003  Sampler Position: 3

Peak Area (A-s): 0.183
Background Pk Area (A-s): 0.071

Peak Height (A): 0.328
Background Pk Height (A): 0.040
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Blank Corrected Pk Area (A-s): 0.181
Concentration (ug/L ): 37.2

Peak Area (A-s): 0.183 | Peak Height (A): 0.324
Background Pk Area (A-s): 0.070 | Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.181
Concentration (ug/L ): 37.2

Mean Conc (ug/L ): 37.2 SD: 0.05 RSD(%): 0.1

Standard number 2 applied. [ 35.0]

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Sample ID: Standard 3 Sequence No.: 00004 Sampler Position: 4

Peak Area (A-s): 0.259 | Peak Height (A): 0.454
Background Pk Area (A-s): 0.079 | Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.257
Concentration (ug/L ): 50.5

Peak Area (A-s): 0.290 | Peak Height (A): 0.450
Background Pk Area (A-s): 0.079 | Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.288
Concentration (ug/L ): 56.5

Mean Conc (ug/L ): 53.5 SD: 4.25 RSD(%): 7.9

Standard number 3 applied. [ 50.0]

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Sample ID: 5 Sequence No.: 00005 Sampler Position: 5

Peak Area (A-s): 0.000 | Peak Height (A): 0.007
Background Pk Area (A-s): 0.057 | Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L ): -0.4

Peak Area (A-s): 0.003 | Peak Height (A): 0.008
Background Pk Area (A-s): 0.055 | Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L ): 0.2 <2 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): -0.1 SD: 0.39 RSD(%): 336.3

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Sample ID: 6 Sequence No.: 00006 Sampler Position: 6

Peak Area (A-s): 0.217 | Peak Height (A): 0.326
Background Pk Area (A-s): 0.078 | Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): 0.215
Concentration (ug/L ): 40.4

Peak Area (A-s): 0.217 | Peak Height (A): 0.356
Background Pk Area (A-s): 0.080 | Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.215
Concentration (ug/L ): 40.4 40 ICV-2 (41)

Mean Conc (ug/L ): 40.4 SD: 0.02 RSD(%): 0.0
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Sample ID: 7 Sequence No.: 00007 Sampler Position: 7

Peak Area (A-s): 0.097 Peak Height (A): 0.185
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.095
Concentration (ug/L ): 17.9

Peak Area (A-s): 0.098 Peak Height (A): 0.183
Background Pk Area (A-s): 0.065 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.096
Concentration (ug/L ): 18.0 W-A 1/100

Mean Conc (ug/L ): 17.9 SD: 0.11 RSD(%): 0.6

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Sample ID: 8 Sequence No.: 00008 Sampler Position: 8

Peak Area (A-s): 0.190 Peak Height (A): 0.354
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.188
Concentration (ug/L ): 35.4

Peak Area (A-s): 0.196 Peak Height (A): 0.364
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.194
Concentration (ug/L ): 36.5 90% W-A 1/100 +20

Mean Conc (ug/L ): 35.9 SD: 0.77 RSD(%): 2.2

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Sample ID: 9 Sequence No.: 00009 Sampler Position: 9

Peak Area (A-s): 0.067 Peak Height (A): 0.104
Background Pk Area (A-s): 0.093 Background Pk Height (A): 0.059
Blank Corrected Pk Area (A-s): 0.065
Concentration (ug/L ): 12.1

Peak Area (A-s): 0.065 Peak Height (A): 0.115
Background Pk Area (A-s): 0.090 Background Pk Height (A): 0.058
Blank Corrected Pk Area (A-s): 0.063
Concentration (ug/L ): 11.8 24 SR16122 366 1/2

Mean Conc (ug/L ): 12.0 SD: 0.24 RSD(%): 2.0

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Sample ID: 10 Sequence No.: 00010 Sampler Position: 10

Peak Area (A-s): 0.164 Peak Height (A): 0.255
Background Pk Area (A-s): 0.101 Background Pk Height (A): 0.067
Blank Corrected Pk Area (A-s): 0.162
Concentration (ug/L ): 30.4

Peak Area (A-s): 0.169 Peak Height (A): 0.276
Background Pk Area (A-s): 0.094 Background Pk Height (A): 0.064
Blank Corrected Pk Area (A-s): 0.167
Concentration (ug/L ): 31.4

95% 366+20

Mean Conc (ug/L ): 30.9 SD: 0.71 RSD(%): 2.3

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Sample ID: 11 Sequence No.: 00011 Sampler Position: 11

Peak Area (A-s): 0.003 Peak Height (A): 0.009
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L ): 0.2

Peak Area (A-s): -0.004 Peak Height (A): 0.007
Background Pk Area (A-s): 0.065 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): -0.006
Concentration (ug/L ): -1.1 SR16347 Blk1

Mean Conc (ug/L ): -0.5 &lt;2 SD: 0.93 RSD(%): 194.0

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Sample ID: 12 Sequence No.: 00012 Sampler Position: 12

Peak Area (A-s): 0.001 Peak Height (A): 0.008
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L ): -0.2

Peak Area (A-s): -0.000 Peak Height (A): 0.008
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L ): -0.4 <2 Blk2

Mean Conc (ug/L ): -0.3 SD: 0.13 RSD(%): 40.0

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Sample ID: 13 Sequence No.: 00013 Sampler Position: 13

Peak Area (A-s): 0.119 Peak Height (A): 0.210
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.117
Concentration (ug/L ): 21.9

Peak Area (A-s): 0.113 Peak Height (A): 0.210
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.111
Concentration (ug/L ): 20.9 21 LCS1

Mean Conc (ug/L ): 21.4 SD: 0.74 RSD(%): 3.5

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Sample ID: 14 Sequence No.: 00014 Sampler Position: 14

Peak Area (A-s): 0.211 Peak Height (A): 0.385
Background Pk Area (A-s): 0.079 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.209
Concentration (ug/L ): 39.3

Peak Area (A-s): 0.216 Peak Height (A): 0.374
Background Pk Area (A-s): 0.078 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.214
Concentration (ug/L ): 40.3

92% LCS1 +20

Mean Conc (ug/L ): 39.8 SD: 0.73 RSD(%): 1.8

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Sample ID: 15 Sequence No.: 00015 Sampler Position: 15

Peak Area (A-s): 0.195 Peak Height (A): 0.223
Background Pk Area (A-s): 0.079 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.193
Concentration (ug/L ): 36.3

Peak Area (A-s): 0.120 Peak Height (A): 0.207
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.117
Concentration (ug/L ): 22.1

Sf rerun

LCS2

Mean Conc (ug/L ): 29.2 SD: 10.03 RSD(%): 34.4

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Sample ID: 16 Sequence No.: 00016 Sampler Position: 16

Peak Area (A-s): 0.218 Peak Height (A): 0.384
Background Pk Area (A-s): 0.083 Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.216
Concentration (ug/L ): 40.6

Peak Area (A-s): 0.217 Peak Height (A): 0.378
Background Pk Area (A-s): 0.080 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.215
Concentration (ug/L ): 40.5

Sf

Mean Conc (ug/L ): 40.5 SD: 0.05 RSD(%): 0.1

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Sample ID: 17 Sequence No.: 00017 Sampler Position: 17

Peak Area (A-s): 0.002 Peak Height (A): 0.007
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): -0.000
Concentration (ug/L ): -0.1

Peak Area (A-s): -0.003 Peak Height (A): 0.007
Background Pk Area (A-s): 0.065 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): -0.005
Concentration (ug/L ): -0.9 &lt;2 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): -0.5 SD: 0.61 RSD(%): 125.8

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Sample ID: 18 Sequence No.: 00018 Sampler Position: 18

Peak Area (A-s): 0.181 Peak Height (A): 0.304
Background Pk Area (A-s): 0.077 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.178
Concentration (ug/L ): 33.6

Peak Area (A-s): 0.180 Peak Height (A): 0.315
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.178

Concentration (ug/L ): 33.5 34 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 33.5 SD: 0.05 RSD(%): 0.2

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Sample ID: 16 Sequence No.: 00019 Sampler Position: 16

Peak Area (A-S): 0.123 Peak Height (A): 0.204
Background Pk Area (A-S): 0.074 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-S): 0.121
Concentration (ug/L ): 22.7

Peak Area (A-S): 0.122 Peak Height (A): 0.213
Background Pk Area (A-S): 0.072 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-S): 0.120
Concentration (ug/L ): 22.5

Mean Conc (ug/L ): 22.6 SD: 0.18 RSD(%): 0.8

recalibrate!

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Sample ID: 17 Sequence No.: 00020 Sampler Position: 17

Peak Area (A-S): -0.004 Peak Height (A): 0.007
Background Pk Area (A-S): 0.065 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-S): -0.006
Concentration (ug/L ): -1.1

Peak Area (A-S): 0.001 Peak Height (A): 0.007
Background Pk Area (A-S): 0.066 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-S): -0.001
Concentration (ug/L ): -0.2 <2 Cont. Cal. Blk

Mean Conc (ug/L ): -0.6 SD: 0.66 RSD(%): 106.4

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Sample ID: 18 Sequence No.: 00021 Sampler Position: 18

Peak Area (A-S): 0.158 Peak Height (A): 0.283
Background Pk Area (A-S): 0.070 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-S): 0.156
Concentration (ug/L ): 29.4

Peak Area (A-S): 0.169 Peak Height (A): 0.322
Background Pk Area (A-S): 0.077 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-S): 0.167
Concentration (ug/L ): 31.3 30 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 30.3 SD: 1.38 RSD(%): 4.5

Recalibrate!
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SR16122
Group 4

11-20-87

PE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.006 | 0.009 | 0.002 |
| PEAK AREA (ABS-SECONDS) | -0.015 | 0.002 | -0.017 |

READ: -0.007

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| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.004 | 0.008 | 0.001 |
| PEAK AREA (ABS-SECONDS) | -0.017 | 0.004 | -0.021 |

READ: -0.005

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MEAN= -0.006 STD.DEV.= COEF.VAR.= 21.21 %

**********

0.000 AUTOZERO

**********

PE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.298 | 0.260 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.075 | 0.081 | -0.006 |

READ: 0.078

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| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.304 | 0.264 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0.079 | 0.081 | -0.002 |

READ: 0.078

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MEAN= 0.078 STD.DEV.= COEF.VAR.= 0.75 %

**********

20.0 STANDARD 1

**********

PE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.498 | 0.427 | 0.071 |
| PEAK AREA (ABS-SECONDS) | 0.145 | 0.137 | 0.008 |

READ: 34.3

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| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.492 | 0.424 | 0.068 |
| PEAK AREA (ABS-SECONDS) | 0.142 | 0.137 | 0.004 |

READ: 34.4

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MEAN= 34.3 STD.DEV.= COEF.VAR.= 0.17 %

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34.3

E-50: READING GREATER THAN HIGHEST STANDARD

**********

35.0 STANDARD 2

**********

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.720 | 0.613 | 0.107 |
| PEAK AREA (ABS-SECONDS) | 0.206 | 0.189 | 0.017 |

READ: 49.4

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(CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.719 | 0.614 | 0.107 |
| PEAK AREA (ABS-SECONDS) | 0.212 | 0.193 | 0.019 |

READ: 50.7

---

MEAN= 50.1 STD.DEV.= COEF.VAR.= 1.89 %

**********

50.1

E-50: READING GREATER THAN HIGHEST STANDARD

**********

50.0 STANDARD 3

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.007 | 0.010 | 0.001 |
| PEAK AREA (ABS-SECONDS) | -0.014 | 0.001 | -0.015 |

READ: -0.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.006 | 0.009 | 0.001 |
| PEAK AREA (ABS-SECONDS) | -0.009 | 0.004 | -0.012 |

READ: 0.2 <2 Cont. Cal. Blk. (0)

---

MEAN= -0.2 STD.DEV.= COEF.VAR.= 99.99 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.725 | 0.615 | 0.110 |
| PEAK AREA (ABS-SECONDS) | 0.205 | 0.190 | 0.015 |

READ: 49.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.713 | 0.607 | 0.108 |
| PEAK AREA (ABS-SECONDS) | 0.208 | 0.190 | 0.018 |

READ: 49.8 50 ICV-4 (47)

---

MEAN= 49.8 STD.DEV.= COEF.VAR.= 0.20 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.068 | 0.062 | 0.007 |
| PEAK AREA (ABS-SECONDS) | 0.009 | 0.020 | -0.011 |

READ: 4.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.065 | 0.061 | 0.006 |
| PEAK AREA (ABS-SECONDS) | 0.005 | 0.021 | -0.016 |

READ: 4.4 4 RGT Blk1

---

MEAN= 4.4 STD.DEV.= COEF.VAR.= 1.43 %

**********

PE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.039 | 0.034 | 0.005 |
| PEAK AREA (ABS-SECONDS) | -0.002 | 0.009 | -0.010 |

READ: 1.4

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.036 | 0.036 | 0.003 |
| PEAK AREA (ABS-SECONDS) | -0.004 | 0.012 | -0.016 |

READ: 2.3 <2 RGT Blk2

---

MEAN= 1.9 STD.DEV.= COEF.VAR.= 35.65 %

**********

PE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.042 | 0.039 | 0.003 |
| PEAK AREA (ABS-SECONDS) | -0.001 | 0.013 | -0.014 |

READ: 2.4

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.039 | 0.037 | 0.003 |
| PEAK AREA (ABS-SECONDS) | 0.002 | 0.013 | -0.011 |

READ: 2.4 2 RGT Blk3

---

MEAN= 2.4 STD.DEV.= COEF.VAR.= 1.24 %

**********

PE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.050 | 0.046 | 0.004 |
| PEAK AREA (ABS-SECONDS) | -0.001 | 0.012 | -0.013 |

READ: 2.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.050 | 0.046 | 0.005 |
| PEAK AREA (ABS-SECONDS) | 0.004 | 0.014 | -0.009 |

READ: 2.7 3 Filt. Blk1

---

MEAN= 2.5 STD.DEV.= COEF.VAR.= 11.68 %



**********

PE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.056 | 0.050 | 0.006 |
| PEAK AREA (ABS-SECONDS) | [illegible] | 0.015 | [illegible] |

READ: 3.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.057 | 0.052 | 0.004 |
| PEAK AREA (ABS-SECONDS) | 0.004 | 0.018 | -0.014 |

READ: 3.7 3 Filt. Blk2

---

MEAN= 3.3 STD.DEV.= COEF.VAR.= 13.83 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.060 | 0.053 | 0.006 |
| PEAK AREA (ABS-SECONDS) | 0.004 | 0.019 | -0.015 |

READ: 4.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.060 | 0.059 | 0.003 |
| PEAK AREA (ABS-SECONDS) | 0.000 | 0.018 | -0.018 |

READ: 3.6 4 Filt. Blk3

---

MEAN= 3.9 STD.DEV.= COEF.VAR.= 8.69 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.149 | 0.133 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.030 | 0.040 | -0.009 |

READ: 9.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.119 | 0.106 | 0.013 |
| PEAK AREA (ABS-SECONDS) | 0.026 | 0.040 | -0.013 |

READ: 9.3 9 378

---

MEAN= 9.3 STD.DEV.= COEF.VAR.= 0.04 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.464 | 0.401 | 0.064 |
| PEAK AREA (ABS-SECONDS) | 0.119 | 0.117 | 0.002 |

READ: 29.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.448 | 0.386 | 0.062 |
| PEAK AREA (ABS-SECONDS) | 0.121 | 0.119 | 0.002 |

READ: 30.1 103% 378+20

---

MEAN= 29.8 STD.DEV.= COEF.VAR.= 1.15 % 183

**********

PB

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.231 | 0.203 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.058 | 0.065 | -0.006 |

READ: 15.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.230 | 0.202 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.059 | 0.063 | -0.004 |

READ: 15.2 78 380 1/5

---

MEAN= 15.5 STD.DEV.= COEF.VAR.= 2.06 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.520 | 0.448 | 0.074 |
| PEAK AREA (ABS-SECONDS) | 0.151 | 0.143 | 0.008 |

READ: 36.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.519 | 0.445 | 0.074 |
| PEAK AREA (ABS-SECONDS) | 0.151 | 0.140 | 0.011 |

READ: 35.9 104% 380+20

---

MEAN= 36.3 STD.DEV.= COEF.VAR.= 1.64 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.007 | 0.010 | 0.000 |
| PEAK AREA (ABS-SECONDS) | -0.007 | 0.006 | -0.013 |

READ: 0.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.010 | 0.011 | 0.002 |
| PEAK AREA (ABS-SECONDS) | -0.002 | 0.008 | -0.011 |

READ: 1.3 <2 Cont. Cal. Blk. (0)

---

MEAN= 1.0 STD.DEV.= COEF.VAR.= 39.50 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.538 | 0.458 | 0.079 |
| PEAK AREA (ABS-SECONDS) | 0.157 | 0.143 | 0.013 |

READ: 36.7 184

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.535 | 0.458 | 0.077 |
| PEAK AREA (ABS-SECONDS) | 0.155 | 0.147 | 0.008 |

37

READ: 37.7 Cont. Cal. Std. (35)

MEAN= 37.2 STD.DEV.= COEF.VAR.= 2.07 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.298 | 0.258 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0.083 | 0.081 | 0.002 |

READ: 19.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.300 | 0.260 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0.082 | 0.082 | 0.000 |

READ: 20.3 101 381 1/5

---

MEAN= 20.1 STD.DEV.= COEF.VAR.= 1.64 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.585 | 0.502 | 0.085 |
| PEAK AREA (ABS-SECONDS) | 0.172 | 0.159 | 0.014 |

READ: 40.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.569 | 0.485 | 0.084 |
| PEAK AREA (ABS-SECONDS) | 0.169 | 0.155 | 0.014 |

READ: 39.9 102% 381+20

---

MEAN= 40.4 STD.DEV.= COEF.VAR.= 1.84 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.198 | 0.172 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.054 | 0.055 | -0.001 |

READ: 13.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.198 | 0.172 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.052 | 0.056 | -0.004 |

READ: 13.4 67 382 1/5

---

MEAN= 13.3 STD.DEV.= COEF.VAR.= 0.89 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.499 | 0.427 | 0.072 |
| PEAK AREA (ABS-SECONDS) | 0.147 | 0.133 | 0.014 |

READ: 34.0 185

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.501 | 0.428 | 0.073 |
| PEAK AREA (ABS-SECONDS) | 0.147 | 0.136 | 0.011 |

READ: 34.6

105% 382+20

---

MEAN= 34.3 STD.DEV.= COEF.VAR.= 1.25 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.187 | 0.162 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.044 | 0.048 | -0.004 |

READ: 11.4

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.182 | 0.157 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.047 | 0.049 | -0.002 |

READ: 11.7 58 383 1/5

---

MEAN= 11.6 STD.DEV.= COEF.VAR.= 1.91 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.466 | 0.401 | 0.065 |
| PEAK AREA (ABS-SECONDS) | 0.145 | 0.136 | 0.009 |

READ: 34.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.508 | 0.436 | 0.074 |
| PEAK AREA (ABS-SECONDS) | 0.143 | 0.134 | 0.010 |

READ: 34.1 114% 383+20

---

MEAN= 34.4 STD.DEV.= COEF.VAR.= 1.46 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.300 | 0.259 | 0.041 |
| PEAK AREA (ABS-SECONDS) | 0.081 | 0.078 | 0.003 |

READ: 19.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.294 | 0.253 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.084 | 0.076 | 0.008 |

READ: 18.7 38 384 1/2

---

MEAN= 19.0 STD.DEV.= COEF.VAR.= 2.05 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.591 | 0.504 | 0.087 |
| PEAK AREA (ABS-SECONDS) | 0.172 | 0.157 | 0.015 |

READ: 40.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.598 | 0.510 | 0.087 |
| PEAK AREA (ABS-SECONDS) | 0.173 | 0.158 | 0.015 |

READ: 40.8 109% 384+20

MEAN= 40.7 STD.DEV.= COEF.VAR.= 0.41 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.279 | 0.241 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.077 | 0.072 | 0.005 |

READ: 17.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.275 | 0.237 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.077 | 0.075 | 0.002 |

READ: 18.5 36 385A ½

MEAN= 18.1 STD.DEV.= COEF.VAR.= 3.72 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.582 | 0.497 | 0.086 |
| PEAK AREA (ABS-SECONDS) | 0.173 | 0.155 | 0.019 |

READ: 39.9

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.577 | 0.495 | 0.082 |
| PEAK AREA (ABS-SECONDS) | 0.171 | 0.156 | 0.015 |

READ: 40.3 110% 385A +20

MEAN= 40.1 STD.DEV.= COEF.VAR.= 0.79 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.005 | 0.009 | 0.001 |
| PEAK AREA (ABS-SECONDS) | -0.009 | 0.004 | -0.013 |

READ: 0.4

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.012 | 0.015 | 0.002 |
| PEAK AREA (ABS-SECONDS) | 0.000 | 0.009 | -0.009 |

READ: 1.6 <2 Cont. Cal. Blk. (0)

MEAN= 1.0 STD.DEV.= COEF.VAR.= 88.99 % 187

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.532 | 0.453 | 0.079 |
| PEAK AREA (ABS-SECONDS) | 0.161 | 0.144 | 0.017 |

READ: 36.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.525 | 0.448 | 0.076 |
| PEAK AREA (ABS-SECONDS) | 0.163 | 0.149 | 0.014 |

READ: 38.2 38 Cont. Cal. Std. (35)

---

MEAN= 37.5 STD.DEV.= COEF.VAR.= 2.76 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.310 | 0.267 | 0.043 |
| PEAK AREA (ABS-SECONDS) | 0.087 | 0.083 | 0.004 |

READ: 20.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.304 | 0.262 | 0.043 |
| PEAK AREA (ABS-SECONDS) | 0.085 | 0.080 | 0.005 |

READ: 19.8 40 SF recalibrate! 385B ½

---

MEAN= 20.1 STD.DEV.= COEF.VAR.= 2.54 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.596 | 0.508 | 0.090 |
| PEAK AREA (ABS-SECONDS) | 0.177 | 0.158 | 0.019 |

READ: 40.8 SF

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.603 | 0.514 | 0.089 |
| PEAK AREA (ABS-SECONDS) | 0.176 | 0.157 | 0.018 |

READ: 40.6 103% 385B +20

---

MEAN= 40.7 STD.DEV.= COEF.VAR.= 0.24 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.163 | 0.960 | 0.203 |
| PEAK AREA (ABS-SECONDS) | 0.384 | 0.330 | 0.054 |

READ: 91.1 SF dilute ½ more see CP data

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.132 | 0.939 | 0.199 |
| PEAK AREA (ABS-SECONDS) | 0.383 | 0.330 | 0.053 |

READ: 91.4 386

---

MEAN= 91.2 STD.DEV.= COEF.VAR.= 0.22 % 188

**********

PB SR16122 Group 4 11-20-87

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.007 | 0.008 | 0.002 |
| PEAK AREA (ABS-SECONDS) | -0.004 | 0.002 | -0.006 |

READ: -0.001

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.007 | 0.011 | 0.001 |
| PEAK AREA (ABS-SECONDS) | -0.007 | 0.005 | -0.013 |

READ: 0.002

---

MEAN= 0.001 STD.DEV.= COEF.VAR.= 99.99 %

**********

0.000 AUTOZERO

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.344 | 0.297 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.098 | 0.094 | 0.005 |

READ: 0.090

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.347 | 0.301 | 0.047 |
| PEAK AREA (ABS-SECONDS) | 0.099 | 0.094 | 0.005 |

READ: 0.090

---

MEAN= 0.090 STD.DEV.= COEF.VAR.= 0.13 %

**********

20.0 STANDARD 1

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.579 | 0.495 | 0.084 |
| PEAK AREA (ABS-SECONDS) | 0.172 | 0.154 | 0.018 |

READ: 33.4

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.509 | 0.436 | 0.072 |
| PEAK AREA (ABS-SECONDS) | 0.175 | 0.157 | 0.018 |

READ: 34.0

---

MEAN= 33.7 STD.DEV.= COEF.VAR.= 1.24 %

**********

33.7

E-50: READING GREATER THAN HIGHEST STANDARD

**********

35.0 STANDARD 2

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.774 | 0.656 | 0.119 |
| PEAK AREA (ABS-SECONDS) | 0.238 | 0.212 | 0.026 |

READ: 49.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.717 | 0.608 | 0.110 |
| PEAK AREA (ABS-SECONDS) | 0.248 | 0.221 | 0.027 |

READ: 52.3

---

MEAN= 51.1 STD.DEV.= COEF.VAR.= 3.58 %

**********

51.1

E-50: READING GREATER THAN HIGHEST STANDARD

**********

50.1 STANDARD 3

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.009 | 0.010 | 0.001 |
| PEAK AREA (ABS-SECONDS) | -0.005 | 0.005 | -0.010 |

READ: 0.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.008 | 0.010 | 0.002 |
| PEAK AREA (ABS-SECONDS) | -0.005 | 0.004 | -0.009 |

READ: 0.0 <2 Cont. Cal. Blk. (0)

---

MEAN= 0.1 STD.DEV.= COEF.VAR.= 99.99 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.766 | 0.648 | 0.117 |
| PEAK AREA (ABS-SECONDS) | 0.230 | 0.205 | 0.025 |

READ: 47.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.783 | 0.664 | 0.120 |
| PEAK AREA (ABS-SECONDS) | 0.233 | 0.208 | 0.025 |

READ: 47.9 48 ICV-4 (46)

---

MEAN= 47.5 STD.DEV.= COEF.VAR.= 1.30 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.308 | 0.266 | 0.042 |

| | | | |
|---|---|---|---|
| PEAK AREA (ABS-SECONDS) | 0.081 | 0.081 | 0.000 |

READ: 17.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.309 | 0.266 | 0.043 |
| PEAK AREA (ABS-SECONDS) | 0.085 | 0.082 | 0.003 |

35

READ: 17.5 385B 1/2

---

MEAN= 17.3 STD.DEV.= COEF.VAR.= 1.05 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.593 | 0.506 | 0.087 |
| PEAK AREA (ABS-SECONDS) | 0.175 | 0.159 | 0.016 |

READ: 35.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.576 | 0.492 | 0.085 |
| PEAK AREA (ABS-SECONDS) | 0.177 | 0.159 | 0.018 |

READ: 35.8 92% 385B+20

---

MEAN= 35.7 STD.DEV.= COEF.VAR.= 0.09 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.095 | 0.083 | 0.013 |
| PEAK AREA (ABS-SECONDS) | 0.020 | 0.027 | -0.007 |

READ: 5.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.096 | 0.085 | 0.011 |
| PEAK AREA (ABS-SECONDS) | 0.020 | 0.025 | -0.005 |

5

READ: 4.6 392

---

MEAN= 4.9 STD.DEV.= COEF.VAR.= 6.63 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.423 | 0.362 | 0.061 |
| PEAK AREA (ABS-SECONDS) | 0.116 | 0.109 | 0.008 |

READ: 23.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.432 | 0.370 | 0.062 |
| PEAK AREA (ABS-SECONDS) | 0.118 | 0.110 | 0.007 |

READ: 24.0 95% 392+20

---

MEAN= 23.8 STD.DEV.= COEF.VAR.= 1.25 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.074 | 0.066 | 0.010 |
| PEAK AREA (ABS-SECONDS) | 0.015 | 0.022 | -0.007 |

READ: 3.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.085 | 0.074 | 0.010 |
| PEAK AREA (ABS-SECONDS) | 0.017 | 0.024 | -0.008 |

READ: 4.5 4 401

---

MEAN= 4.2 STD.DEV.= COEF.VAR.= 10.32 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.410 | 0.354 | 0.058 |
| PEAK AREA (ABS-SECONDS) | 0.124 | 0.115 | 0.009 |

READ: 25.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.432 | 0.368 | 0.064 |
| PEAK AREA (ABS-SECONDS) | 0.124 | 0.111 | 0.012 |

READ: 24.3 103% 401+20

---

MEAN= 24.7 STD.DEV.= COEF.VAR.= 2.53 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.007 | 0.009 | 0.001 |
| PEAK AREA (ABS-SECONDS) | -0.004 | 0.007 | -0.011 |

READ: 0.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.006 | 0.009 | 0.001 |
| PEAK AREA (ABS-SECONDS) | -0.005 | 0.005 | -0.010 |

READ: 0.3 <2 Cont. Cal. Blk. (0)

---

MEAN= 0.5 STD.DEV.= COEF.VAR.= 67.30 %

**********

PB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.588 | 0.502 | 0.086 |
| PEAK AREA (ABS-SECONDS) | 0.173 | 0.158 | 0.015 |

READ: 35.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.502 | 0.431 | 0.073 |
| PEAK AREA (ABS-SECONDS) | 0.179 | 0.164 | 0.014 |

READ: 36.9 36 Cont. Cal. Std. (35)

---

MEAN= 36.2 STD.DEV.= COEF.VAR.= 2.89 %

**********

SE SR16122 Group 4 11-18-87

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.026 | 0.018 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.034 | 0.008 | 0.027 |

READ: 0.008

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.016 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.007 | 0.026 |

READ: 0.007

---

MEAN= 0.007 STD.DEV.= COEF.VAR.= 5.45 %

**********

0.000 AUTOZERO

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.187 | 0.150 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.100 | 0.060 | 0.040 |

READ: 0.052

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.201 | 0.161 | 0.041 |
| PEAK AREA (ABS-SECONDS) | 0.097 | 0.067 | 0.029 |

READ: 0.060

---

MEAN= 0.056 STD.DEV.= COEF.VAR.= 9.45 %

**********

20.0 STANDARD 1

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.313 | 0.258 | 0.064 |
| PEAK AREA (ABS-SECONDS) | 0.149 | 0.109 | 0.041 |

READ: 36.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.323 | 0.262 | 0.063 |
| PEAK AREA (ABS-SECONDS) | 0.153 | 0.109 | 0.045 |

READ: 36.2

---

MEAN= 36.2 STD.DEV.= COEF.VAR.= 0.09 %

**********

36.2

E-50: READING GREATER THAN HIGHEST STANDARD

**********

35.0 STANDARD 2

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.482 | 0.397 | 0.088 |
| PEAK AREA (ABS-SECONDS) | 0.209 | 0.158 | 0.051 |

READ: 50.2

---

(CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.475 | 0.391 | 0.085 |
| PEAK AREA (ABS-SECONDS) | 0.205 | 0.155 | 0.051 |

READ: 49.2

---

MEAN= 49.7 STD.DEV.= COEF.VAR.= 1.15 %

**********

49.7

E-50: READING GREATER THAN HIGHEST STANDARD

**********

50.0 STANDARD 3

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.026 | 0.018 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.031 | 0.008 | 0.023 |

READ: 0.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.020 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.027 | 0.006 | 0.021 |

READ: -0.4 <3 Cont. Cal. Blk. (0)

---

MEAN= 0.0 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.424 | 0.353 | 0.077 |
| PEAK AREA (ABS-SECONDS) | 0.194 | 0.145 | 0.049 |

READ: 46.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.424 | 0.348 | 0.077 |
| PEAK AREA (ABS-SECONDS) | 0.190 | 0.147 | 0.043 |

READ: 47.1 47 ICV-2 (43)

---

MEAN= 46.8 STD.DEV.= COEF.VAR.= 0.81 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.026 | 0.017 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.035 | 0.010 | 0.025 |

READ: 0.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.018 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.009 | 0.024 |

READ: 0.7 <3 RGT Blk-1

---

MEAN= 0.8 STD.DEV.= COEF.VAR.= 13.09 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.019 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.029 | 0.002 | 0.027 |

READ: -2.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.028 | 0.015 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.028 | 0.005 | 0.023 |

READ: -0.9 <3 RGT Blk-2

---

MEAN= -1.5 STD.DEV.= COEF.VAR.= 56.32 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.023 | 0.019 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.029 | 0.009 | 0.020 |

READ: 0.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.026 | 0.022 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.006 | 0.027 |

READ: -0.4 <3 RGT Blk-3

---

MEAN= 0.1 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.024 | 0.016 | 0.023 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.004 | 0.029 |

READ: -1.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.017 | 0.023 |
| PEAK AREA (ABS-SECONDS) | 0.035 | 0.010 | 0.025 |

READ: 0.9 <3 Blk Q1

---

MEAN= -0.1 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.027 | 0.016 | 0.022 |
| PEAK AREA (ABS-SECONDS) | 0.034 | 0.007 | 0.028 |

READ: -0.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.029 | 0.019 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.032 | 0.011 | 0.021 |

READ: 1.4

<3 BlkQ2

MEAN= 0.6 STD.DEV.= COEF.VAR.= 99.99 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.066 | 0.016 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.045 | 0.003 | 0.042 |

READ: -1.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.027 | 0.015 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.036 | 0.008 | 0.028 |

READ: 0.2 <3 BlkQ3

MEAN= -0.7 STD.DEV.= COEF.VAR.= 99.99 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.099 | 0.081 | 0.032 |
| PEAK AREA (ABS-SECONDS) | 0.077 | 0.033 | 0.044 |

READ: 9.4

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.104 | 0.084 | 0.035 |
| PEAK AREA (ABS-SECONDS) | 0.080 | 0.039 | 0.042 |

10

READ: 11.3 365A

MEAN= 10.4 STD.DEV.= COEF.VAR.= 12.62 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.233 | 0.191 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.144 | 0.089 | 0.055 |

READ: 28.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.243 | 0.197 | 0.051 |
| PEAK AREA (ABS-SECONDS) | 0.150 | 0.098 | 0.052 |

READ: 31.6 99% 365A +20

MEAN= 30.1 STD.DEV.= COEF.VAR.= 6.76 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.090 | 0.075 | 0.032 |
| PEAK AREA (ABS-SECONDS) | 0.081 | 0.038 | 0.042 |

READ: 11.2 197

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.093 | 0.074 | 0.032 |

PEAK AREA (ABS-SECONDS) 0.080 0.043 0.036

READ: 12.9 12 365B

---

MEAN= 12.1 STD.DEV.= COEF.VAR.= 9.71 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.238 | 0.195 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.148 | 0.100 | 0.048 |

READ: 32.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.241 | 0.189 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.151 | 0.093 | 0.058 |

READ: 29.9 95% 365B +20

---

MEAN= 31.0 STD.DEV.= COEF.VAR.= 4.75 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.027 | 0.018 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.037 | 0.018 | 0.019 |

READ: 3.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.026 | 0.016 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.010 | 0.023 |

READ: 1.1 <3 Cont. Cal. Blk. (0)

---

MEAN= 2.4 STD.DEV.= COEF.VAR.= 79.90 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.319 | 0.262 | 0.061 |
| PEAK AREA (ABS-SECONDS) | 0.159 | 0.111 | 0.048 |

READ: 35.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.314 | 0.258 | 0.059 |
| PEAK AREA (ABS-SECONDS) | 0.153 | 0.111 | 0.042 |

READ: 35.8 36 Cont. Cal. Std. (35)

---

MEAN= 35.9 STD.DEV.= COEF.VAR.= 0.08 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.091 | 0.065 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.077 | 0.038 | 0.039 |

READ: 11.0

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.089 | 0.070 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.077 | 0.042 | 0.035 |

READ: 12.6 12 366

MEAN= 11.8 STD.DEV.= COEF.VAR.= 9.84 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.225 | 0.179 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.143 | 0.097 | 0.045 |

READ: 31.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.225 | 0.179 | 0.048 |
| PEAK AREA (ABS-SECONDS) | 0.144 | 0.098 | 0.045 |

READ: 31.6 99% 366+20

MEAN= 31.5 STD.DEV.= COEF.VAR.= 0.62 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.097 | 0.082 | 0.033 |
| PEAK AREA (ABS-SECONDS) | 0.078 | 0.032 | 0.045 |

READ: 9.1

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.095 | 0.073 | 0.032 |
| PEAK AREA (ABS-SECONDS) | 0.085 | 0.044 | 0.041 |

READ: 13.2 11 367

MEAN= 11.1 STD.DEV.= COEF.VAR.= 25.72 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.232 | 0.186 | 0.049 |
| PEAK AREA (ABS-SECONDS) | 0.144 | 0.091 | 0.054 |

READ: 29.1

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.238 | 0.195 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.149 | 0.097 | 0.052 |

READ: 31.1 95% 367+20

MEAN= 30.1 STD.DEV.= COEF.VAR.= 4.42 %

199

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.081 | 0.062 | 0.028 |

| | | | |
|---|---|---|---|
| PEAK AREA (ABS-SECONDS) | 0.067 | 0.030 | 0.036 |

READ: 8.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.084 | 0.061 | 0.031 |
| PEAK AREA (ABS-SECONDS) | 0.068 | 0.038 | 0.030 |

READ: 10.9 10 368

---

MEAN= 9.6 STD.DEV.= COEF.VAR.= 19.05 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.215 | 0.169 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.139 | 0.091 | 0.049 |

READ: 29.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.216 | 0.173 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.138 | 0.092 | 0.045 |

READ: 29.7 99% 368+20

---

MEAN= 29.4 STD.DEV.= COEF.VAR.= 1.25 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.146 | 0.112 | 0.037 |
| PEAK AREA (ABS-SECONDS) | 0.097 | 0.041 | 0.056 |

READ: 12.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.142 | 0.116 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.101 | 0.051 | 0.050 |

READ: 15.6 14 369

---

MEAN= 13.8 STD.DEV.= COEF.VAR.= 17.21 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.318 | 0.267 | 0.056 |
| PEAK AREA (ABS-SECONDS) | 0.162 | 0.098 | 0.064 |

READ: 31.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.302 | 0.242 | 0.060 |
| PEAK AREA (ABS-SECONDS) | 0.168 | 0.105 | 0.063 |

READ: 33.9

95% 369 ~~370~~ ~~369~~ +20

MEAN= 32.7 STD.DEV.= COEF.VAR.= 4.80 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.219 | 0.177 | 0.049 |
| PEAK AREA (ABS-SECONDS) | 0.145 | 0.081 | 0.065 |

READ: 25.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.246 | 0.205 | 0.048 |
| PEAK AREA (ABS-SECONDS) | 0.158 | 0.103 | 0.055 |

READ: 33.1

SF 370 left out.

---

MEAN= 29.5 STD.DEV.= COEF.VAR.= 16.65 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.026 | 0.017 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.035 | 0.009 | 0.026 |

READ: 0.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.025 | 0.020 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.011 | 0.022 |

READ: 1.4 <3 Cont. Cal. Blk. (0)

---

MEAN= 1.0 STD.DEV.= COEF.VAR.= 63.71 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.310 | 0.251 | 0.060 |
| PEAK AREA (ABS-SECONDS) | 0.157 | 0.114 | 0.043 |

READ: 36.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.314 | 0.258 | 0.060 |
| PEAK AREA (ABS-SECONDS) | 0.154 | 0.110 | 0.045 |

READ: 35.3 36 Cont. Cal. Std. (35)

---

MEAN= 36.0 STD.DEV.= COEF.VAR.= 2.67 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.112 | 0.087 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.096 | 0.037 | 0.058 |

READ: 10.9 201

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.113 | 0.083 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.120 | 0.046 | 0.074 |

READ: 14.1 13 371

MEAN= 12.5 STD.DEV.= COEF.VAR.= 17.65 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.240 | 0.190 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.155 | 0.098 | 0.057 |

READ: 31.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.236 | 0.188 | 0.049 |
| PEAK AREA (ABS-SECONDS) | 0.153 | 0.096 | 0.057 |

READ: 31.0 94% 371+20

MEAN= 31.3 STD.DEV.= COEF.VAR.= 1.37 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.028 | 0.019 | 0.022 |
| PEAK AREA (ABS-SECONDS) | 0.036 | 0.011 | 0.024 |

READ: 1.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.029 | 0.015 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.030 | 0.005 | 0.025 |

READ: -0.9 <3 378

MEAN= 0.3 STD.DEV.= COEF.VAR.= 99.99 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.179 | 0.140 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0.106 | 0.069 | 0.037 |

READ: 21.9

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.188 | 0.141 | 0.047 |
| PEAK AREA (ABS-SECONDS) | 0.104 | 0.061 | 0.042 |

READ: 19.3 103% 378+20

MEAN= 20.6 STD.DEV.= COEF.VAR.= 8.51 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.033 | 0.017 | 0.022 |
| PEAK AREA (ABS-SECONDS) | 0.029 | 0.009 | 0.020 |

READ: 0.7 202

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.029 | 0.014 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.005 | 0.028 |

READ: -0.9 <3 379

---

MEAN= -0.1 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.174 | 0.135 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.110 | 0.070 | 0.040 |

READ: 22.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.163 | 0.127 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.105 | 0.065 | 0.040 |

READ: 20.5 107% 379+20

---

MEAN= 21.3 STD.DEV.= COEF.VAR.= 5.38 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.036 | 0.020 | 0.023 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.004 | 0.029 |

READ: -1.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.017 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.031 | 0.004 | 0.026 |

READ: -1.1 <3 380

---

MEAN= -1.1 STD.DEV.= COEF.VAR.= 3.41 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.169 | 0.133 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0.099 | 0.063 | 0.035 |

READ: 20.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.167 | 0.126 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.108 | 0.072 | 0.036 |

READ: 22.7 107% 380+20

---

MEAN= 21.3 STD.DEV.= COEF.VAR.= 8.70 % 203

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.022 | 0.018 | 0.015 |
| PEAK AREA (ABS-SECONDS) | 0.025 | 0.005 | 0.019 |

READ: -0.7

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.021 | 0.015 | 0.022 |
| PEAK AREA (ABS-SECONDS) | 0.031 | 0.008 | 0.023 |

READ: 0.4 <3 Cont. Cal. Blk. (0)

MEAN= -0.1 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.280 | 0.232 | 0.058 |
| PEAK AREA (ABS-SECONDS) | 0.167 | 0.110 | 0.058 |

READ: 35.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.324 | 0.263 | 0.065 |
| PEAK AREA (ABS-SECONDS) | 0.156 | 0.108 | 0.048 |

READ: 34.8 35 Cont. Cal. Std. (35)

MEAN= 35.0 STD.DEV.= COEF.VAR.= 1.02 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.016 | 0.022 |
| PEAK AREA (ABS-SECONDS) | 0.039 | 0.012 | 0.027 |

READ: 1.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.018 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.035 | 0.005 | 0.030 |

READ: -0.9 <3 381

---

MEAN= 0.4 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.186 | 0.153 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.113 | 0.074 | 0.039 |

READ: 23.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.176 | 0.143 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.115 | 0.073 | 0.042 |

READ: 23.2 115% 381+20

---

MEAN= 23.3 STD.DEV.= COEF.VAR.= 0.78 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.018 | 0.022 |
| PEAK AREA (ABS-SECONDS) | 0.034 | 0.005 | 0.028 |

READ: -0.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.028 | 0.020 | 0.023 |
| PEAK AREA (ABS-SECONDS) | 0.038 | 0.009 | 0.029 |

READ: 0.5 <3 382

---

MEAN= -0.1 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.172 | 0.136 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.105 | 0.073 | 0.032 |

READ: 23.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.174 | 0.129 | 0.045 |
| PEAK AREA (ABS-SECONDS) | 0.108 | 0.069 | 0.040 |

READ: 21.7

113% 382+20

MEAN= 22.5 STD.DEV.= COEF.VAR.= 4.73 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.018 | 0.022 |
| PEAK AREA (ABS-SECONDS) | 0.036 | 0.014 | 0.021 |

READ: 2.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.029 | 0.015 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.038 | 0.011 | 0.027 |

READ: 1.2 <3 383

MEAN= 1.9 STD.DEV.= COEF.VAR.= 52.35 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.144 | 0.117 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.105 | 0.061 | 0.044 |

READ: 19.0

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.176 | 0.140 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.109 | 0.070 | 0.039 |

READ: 22.0 93% 383+20

MEAN= 20.5 STD.DEV.= COEF.VAR.= 10.14 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.031 | 0.017 | 0.022 |
| PEAK AREA (ABS-SECONDS) | 0.034 | 0.005 | 0.029 |

READ: -0.8

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.034 | 0.020 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.037 | 0.013 | 0.024 |

READ: 2.0 <3 384

MEAN= 0.6 STD.DEV.= COEF.VAR.= 99.99 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.189 | 0.148 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.111 | 0.071 | 0.040 |

READ: 22.4 206

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.186 | 0.146 | 0.045 |

PEAK AREA (ABS-SECONDS) 0.115 0.071 0.044

READ: 22.7 110% 384+20

MEAN= 22.5 STD.DEV.= COEF.VAR.= 0.68 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.029 | 0.015 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.044 | 0.014 | 0.030 |

READ: 2.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.018 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.034 | 0.005 | 0.030 |

READ: -0.9 <3 385A

MEAN= 0.8 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.173 | 0.133 | 0.045 |
| PEAK AREA (ABS-SECONDS) | 0.106 | 0.066 | 0.040 |

READ: 20.8

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.180 | 0.144 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.108 | 0.073 | 0.036 |

READ: 23.1 106% 385A+20

MEAN= 22.0 STD.DEV.= COEF.VAR.= 7.21 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.028 | 0.019 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.031 | 0.007 | 0.024 |

READ: -0.1

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.028 | 0.016 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.034 | 0.007 | 0.026 |

READ: 0.0 <3 Cont. Cal. Blk. (0)

MEAN= 0.0 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.325 | 0.260 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.160 | 0.110 | 0.051 |

READ: 35.4

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.304 | 0.243 | 0.064 |
| PEAK AREA (ABS-SECONDS) | 0.160 | 0.114 | 0.046 |

READ: 36.8 36 Cont. Cal. Std. (35)

MEAN= 36.1 STD.DEV.= COEF.VAR.= 2.64 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.038 | 0.024 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.041 | 0.010 | 0.031 |

READ: 1.0

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.035 | 0.017 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.035 | 0.011 | 0.024 |

READ: 1.5 <3 385B

MEAN= 1.2 STD.DEV.= COEF.VAR.= 27.46 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.174 | 0.138 | 0.045 |
| PEAK AREA (ABS-SECONDS) | 0.105 | 0.062 | 0.043 |

READ: 19.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.172 | 0.132 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.111 | 0.073 | 0.038 |

READ: 23.2 101% 385B +20

MEAN= 21.3 STD.DEV.= COEF.VAR.= 11.78 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.059 | 0.044 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.055 | 0.019 | 0.036 |

READ: 4.2

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.055 | 0.047 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.060 | 0.023 | 0.037 |

READ: 5.9 5 386

MEAN= 5.0 STD.DEV.= COEF.VAR.= 23.94 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.186 | 0.153 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.128 | 0.084 | 0.044 |

READ: 26.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.182 | 0.142 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.128 | 0.077 | 0.051 |

READ: 24.5 104% 386+20

---

MEAN= 25.7 STD.DEV.= COEF.VAR.= 6.02 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.055 | 0.038 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.052 | 0.022 | 0.030 |

READ: 5.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.056 | 0.039 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.053 | 0.019 | 0.034 |

READ: 4.4 5 387

---

MEAN= 4.9 STD.DEV.= COEF.VAR.= 14.23 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.175 | 0.139 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.118 | 0.076 | 0.042 |

READ: 24.4

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.174 | 0.138 | 0.045 |
| PEAK AREA (ABS-SECONDS) | 0.121 | 0.084 | 0.037 |

READ: 26.8 104% 387+20

---

MEAN= 25.6 STD.DEV.= COEF.VAR.= 6.48 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.061 | 0.042 | 0.029 |
| PEAK AREA (ABS-SECONDS) | 0.054 | 0.015 | 0.039 |

READ: 2.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.058 | 0.036 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.053 | 0.017 | 0.037 |

READ: 3.4 3 388

---

MEAN= 3.1 STD.DEV.= COEF.VAR.= 11.77 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.183 | 0.149 | 0.041 |
| PEAK AREA (ABS-SECONDS) | 0.128 | 0.084 | 0.044 |

READ: 26.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.178 | 0.140 | 0.041 |
| PEAK AREA (ABS-SECONDS) | 0.126 | 0.079 | 0.048 |

READ: 25.1 115% 388+20

---

MEAN= 26.0 STD.DEV.= COEF.VAR.= 4.66 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.060 | 0.042 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.072 | 0.023 | 0.049 |

READ: 5.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.053 | 0.034 | 0.029 |
| PEAK AREA (ABS-SECONDS) | 0.059 | 0.018 | 0.041 |

READ: 4.0 389

---

MEAN= 4.8 STD.DEV.= COEF.VAR.= 23.23 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.175 | 0.139 | 0.045 |
| PEAK AREA (ABS-SECONDS) | 0.125 | 0.077 | 0.048 |

READ: 24.4

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.180 | 0.140 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.120 | 0.078 | 0.042 |

READ: 24.8 99% 389+20

---

MEAN= 24.6 STD.DEV.= COEF.VAR.= 0.92 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.021 | 0.018 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.036 | 0.006 | 0.030 |

READ: -0.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.023 | 0.015 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.021 | 0.008 | 0.013 |

READ: 0.2 <3 Cont. Cal. Blk (0)

MEAN= -0.2 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.312 | 0.252 | 0.065 |
| PEAK AREA (ABS-SECONDS) | 0.159 | 0.113 | 0.046 |

READ: 36.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.312 | 0.253 | 0.062 |
| PEAK AREA (ABS-SECONDS) | 0.157 | 0.114 | 0.042 |

READ: 36.9 37 Cont. Cal. Std. (35)

MEAN= 36.7 STD.DEV.= COEF.VAR.= 0.57 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.063 | 0.041 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.066 | 0.031 | 0.035 |

READ: 8.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.058 | 0.039 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.058 | 0.029 | 0.029 |

READ: 7.9 8 390

MEAN= 8.2 STD.DEV.= COEF.VAR.= 4.28 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.190 | 0.155 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.124 | 0.080 | 0.044 |

READ: 25.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.184 | 0.146 | 0.043 |
| PEAK AREA (ABS-SECONDS) | 0.132 | 0.084 | 0.049 |

READ: 26.7 90% 390+20

MEAN= 26.1 STD.DEV.= COEF.VAR.= 3.16 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.058 | 0.039 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.051 | 0.024 | 0.027 |

READ: 5.9



| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.059 | 0.040 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.058 | 0.022 | 0.036 |

READ: 5.5 6 391

---

MEAN= 5.7 STD.DEV.= COEF.VAR.= 5.38 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.177 | 0.141 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.122 | 0.082 | 0.040 |

READ: 26.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.208 | 0.157 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.163 | 0.081 | 0.081 |

READ: 26.0 102% 391+20

---

MEAN= 26.1 STD.DEV.= COEF.VAR.= 0.67 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.031 | 0.018 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.034 | -0.001 | 0.035 |

READ: -3.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.026 | 0.017 | 0.023 |
| PEAK AREA (ABS-SECONDS) | 0.037 | 0.010 | 0.027 |

READ: 1.1 <2 392

---

MEAN= -1.0 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.179 | 0.148 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.107 | 0.064 | 0.043 |

READ: 20.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.175 | 0.141 | 0.039 |
| PEAK AREA (ABS-SECONDS) | 0.102 | 0.067 | 0.035 |

READ: 21.1 104% 392+20

---

MEAN= 20.7 STD.DEV.= COEF.VAR.= 2.85 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.059 | 0.045 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.055 | 0.025 | 0.031 |

READ: 6.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.058 | 0.039 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.058 | 0.027 | 0.032 |

READ: 7.1 393 7

MEAN= 6.7 STD.DEV.= COEF.VAR.= 7.38 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.175 | 0.139 | 0.045 |
| PEAK AREA (ABS-SECONDS) | 0.128 | 0.088 | 0.040 |

READ: 28.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.186 | 0.151 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.119 | 0.079 | 0.040 |

READ: 25.1 100% 393+20

MEAN= 26.7 STD.DEV.= COEF.VAR.= 8.14 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.060 | 0.038 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.065 | 0.024 | 0.041 |

QC

READ: 6.0

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.059 | 0.039 | 0.029 |
| PEAK AREA (ABS-SECONDS) | 0.054 | 0.026 | 0.028 |

READ: 6.9 394

MEAN= 6.5 STD.DEV.= COEF.VAR.= 9.75 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.180 | 0.140 | 0.048 |
| PEAK AREA (ABS-SECONDS) | 0.116 | 0.074 | 0.043 |

READ: 23.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.120 | 0.099 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.049 | 0.038 | 0.011 |

READ: 11.0

MEAN= 17.3 STD.DEV.= COEF.VAR.= 49.34 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.024 | 0.017 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.031 | 0.012 | 0.019 |

READ: 1.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.024 | 0.016 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.035 | 0.013 | 0.022 |

READ: 2.0 Cont. Blk. 23

---

MEAN= 1.9 STD.DEV.= COEF.VAR.= 7.69 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.318 | 0.265 | 0.058 |
| PEAK AREA (ABS-SECONDS) | 0.155 | 0.110 | 0.045 |

READ: 35.4

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.318 | 0.263 | 0.057 |
| PEAK AREA (ABS-SECONDS) | 0.158 | 0.116 | 0.042 |

READ: 37.2 Cont. Std. 36

---

MEAN= 36.3 STD.DEV.= COEF.VAR.= 3.23 %

**********

Re-Calib.

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.061 | 0.040 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.060 | 0.021 | 0.038 |

READ: 5.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.060 | 0.045 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.061 | 0.026 | 0.035 |

READ: 6.7

---

MEAN= 5.9 STD.DEV.= COEF.VAR.= 18.34 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.180 | 0.145 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.129 | 0.088 | 0.041 |

READ: 28.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.174 | 0.134 | 0.045 |
| PEAK AREA (ABS-SECONDS) | 0.131 | 0.083 | 0.047 |

READ: 26.7



---

MEAN= 27.5 STD.DEV.= COEF.VAR.= 3.85 %

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| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.026 | 0.016 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.014 | 0.019 |

READ: 0.006

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.026 | 0.018 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.036 | 0.011 | 0.025 |

READ: 0.004

---

MEAN= 0.005 STD.DEV.= COEF.VAR.= 37.59 %

**********

0.000 AUTOZERO

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.185 | 0.149 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.109 | 0.077 | 0.033 |

READ: 0.065

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.215 | 0.176 | 0.049 |
| PEAK AREA (ABS-SECONDS) | 0.101 | 0.066 | 0.035 |

READ: 0.054

---

MEAN= 0.059 STD.DEV.= COEF.VAR.= 13.00 %

**********

20.0 STANDARD 1

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.346 | 0.287 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.162 | 0.121 | 0.041 |

READ: 36.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.338 | 0.274 | 0.066 |
| PEAK AREA (ABS-SECONDS) | 0.161 | 0.118 | 0.043 |

READ: 35.8

---

MEAN= 36.3 STD.DEV.= COEF.VAR.= 1.75 %

**********

36.3

E-50: READING GREATER THAN HIGHEST STANDARD

**********

35.0 STANDARD 2

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.510 | 0.422 | 0.094 |
| PEAK AREA (ABS-SECONDS) | 0.222 | 0.172 | 0.050 |

READ: 50.2

---

(CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.491 | 0.396 | 0.094 |
| PEAK AREA (ABS-SECONDS) | 0.218 | 0.169 | 0.049 |

READ: 49.4

---

MEAN= 49.8 STD.DEV.= COEF.VAR.= 1.06 %

**********

49.8

E-50: READING GREATER THAN HIGHEST STANDARD

**********

50.0 STANDARD 3

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.020 | 0.014 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.024 | 0.006 | 0.018 |

READ: -2.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.021 | 0.014 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.030 | 0.010 | 0.020 |

READ: -1.0 <2 Cont. Cal. Blk. (0)

---

MEAN= -1.6 STD.DEV.= COEF.VAR.= 58.10 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.422 | 0.346 | 0.076 |
| PEAK AREA (ABS-SECONDS) | 0.182 | 0.134 | 0.048 |

READ: 39.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.396 | 0.323 | 0.072 |
| PEAK AREA (ABS-SECONDS) 40 | 0.181 | 0.137 | 0.044 |

READ: 40.4 Ver. (43)

---

MEAN= 39.9 STD.DEV.= COEF.VAR.= 1.47 % 216

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.058 | 0.047 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.058 | 0.025 | 0.034 |

READ: 4.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.058 | 0.040 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.060 | 0.032 | 0.027 |

READ: 6.9 6 399

MEAN= 5.6 STD.DEV.= COEF.VAR.= 32.53 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.192 | 0.152 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.132 | 0.094 | 0.039 |

READ: 27.0

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.186 | 0.147 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.126 | 0.084 | 0.042 |

READ: 24.1 100% +20

MEAN= 25.6 STD.DEV.= COEF.VAR.= 7.55 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.029 | 0.016 | 0.021 |
| PEAK AREA (ABS-SECONDS) | 0.038 | 0.008 | 0.029 |

READ: -1.4

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.024 | 0.014 | 0.022 |
| PEAK AREA (ABS-SECONDS) | 0.035 | 0.008 | 0.027 |

<2

READ: -1.6 401

MEAN= -1.5 STD.DEV.= COEF.VAR.= 11.11 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.166 | 0.133 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0.102 | 0.068 | 0.034 |

READ: 19.0

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.180 | 0.138 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.106 | 0.069 | 0.038 |

READ: 19.1 96% +20

MEAN= 19.1 STD.DEV.= COEF.VAR.= 0.56 %



**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.108 | 0.085 | 0.037 |
| PEAK AREA (ABS-SECONDS) | 0.084 | 0.041 | 0.044 |

READ: 9.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.032 | 0.027 | 0.010 |
| PEAK AREA (ABS-SECONDS) | 0.027 | 0.024 | 0.003 |

READ: 3.9 ? 370

---

MEAN= 6.9 STD.DEV.= COEF.VAR.= 59.59 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.237 | 0.203 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.161 | 0.102 | 0.059 |

READ: 29.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.246 | 0.202 | 0.049 |
| PEAK AREA (ABS-SECONDS) | 0.160 | 0.103 | 0.057 |

READ: 30.0 115% +20

---

MEAN= 29.8 STD.DEV.= COEF.VAR.= 0.61 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.059 | 0.018 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.032 | 0.007 | 0.025 |

READ: -1.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.016 | 0.016 | 0.011 |
| PEAK AREA (ABS-SECONDS) | 0.008 | 0.006 | 0.002 |

READ: -2.1 ~~2~~ Cont. BLK. (0)

---

MEAN= -2.0 STD.DEV.= COEF.VAR.= 7.90 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.044 | 0.043 | 0.009 |
| PEAK AREA (ABS-SECONDS) | 0.025 | 0.025 | 0.000 |

READ: 4.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.03[illegible] | 0.038 | 0.010 |
| PEAK AREA (ABS-SECONDS) | 0.016 | 0.024 | -0.008 |

READ: 4.0

---

RC wrong sample

MEAN= 4.3 STD.DEV.= COEF.VAR.= 8.49 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.358 | 0.294 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.166 | 0.120 | 0.046 |

READ: 35.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.362 | 0.297 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.168 | 0.124 | 0.043 |

READ: 36.5

Cont. Std. (35)

---

MEAN= 35.9 STD.DEV.= COEF.VAR.= 2.24 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.064 | 0.048 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.058 | 0.023 | 0.035 |

READ: 3.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.059 | 0.041 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.056 | 0.022 | 0.033 |

READ: 3.4 4 394

---

MEAN= 3.5 STD.DEV.= COEF.VAR.= 3.76 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.201 | 0.157 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.128 | 0.083 | 0.045 |

READ: 23.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.195 | 0.150 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.128 | 0.081 | 0.047 |

READ: 23.0 99% 394+20

---

MEAN= 23.3 STD.DEV.= COEF.VAR.= 1.67 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.067 | 0.043 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.057 | 0.024 | 0.033 |

READ: 4.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.065 | 0.045 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.062 | 0.026 | 0.036 |

READ: 4.9 5 395A

---

MEAN= 4.6 STD.DEV.= COEF.VAR.= 10.91 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.189 | 0.152 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.131 | 0.079 | 0.052 |

READ: 22.5 220

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.188 | 0.149 | 0.048 |
| PEAK AREA (ABS-SECONDS) | [illegible] | [illegible] | [illegible] |

PEAK AREA (ABS-SECONDS)

READ: 25.9

98% 395A+20

MEAN= 24.2 STD.DEV.= COEF.VAR.= 9.32 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.061 | 0.042 | 0.023 |
| PEAK AREA (ABS-SECONDS) | 0.060 | 0.031 | 0.029 |

READ: 6.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.044 | 0.027 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.057 | 0.018 | 0.039 |

READ: 2.0 4 395B

MEAN= 4.3 STD.DEV.= COEF.VAR.= 74.37 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.186 | 0.148 | 0.043 |
| PEAK AREA (ABS-SECONDS) | 0.126 | 0.080 | 0.047 |

READ: 22.7

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.200 | 0.162 | 0.041 |
| PEAK AREA (ABS-SECONDS) | 0.132 | 0.088 | 0.044 |

READ: 25.2 99% 395B+20

MEAN= 24.0 STD.DEV.= COEF.VAR.= 7.08 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.061 | 0.038 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.054 | 0.022 | 0.032 |

READ: 3.2

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.064 | 0.040 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.055 | 0.019 | 0.036 |

<3

READ: 2.5 396

MEAN= 2.9 STD.DEV.= COEF.VAR.= 17.74 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.188 | 0.155 | 0.045 |
| PEAK AREA (ABS-SECONDS) | 0.128 | 0.087 | 0.041 |

READ: 24.9

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.190 | 0.152 | 0.047 |
| PEAK AREA (ABS-SECONDS) | 0.130 | 0.086 | 0.044 |

READ: 24.8 110% 396+20

MEAN= 24.9 STD.DEV.= COEF.VAR.= 0.37 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.062 | 0.043 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.063 | 0.030 | 0.033 |

READ: 6.1

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.063 | 0.040 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.061 | 0.026 | 0.035 |

READ: 4.9 6 397

MEAN= 5.5 STD.DEV.= COEF.VAR.= 15.86 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.188 | 0.144 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.134 | 0.089 | 0.045 |

READ: 25.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.185 | 0.142 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.131 | 0.088 | 0.044 |

READ: 25.2 100% 397+20

MEAN= 25.4 STD.DEV.= COEF.VAR.= 0.74 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.024 | 0.018 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.035 | 0.008 | 0.026 |

READ: -1.4

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.022 | 0.015 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.028 | 0.000 | 0.027 |

READ: -4.2 <3 Cont. Cal. Blk. (0)

MEAN= -2.8 STD.DEV.= COEF.VAR.= 70.82 % 222

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.343 | 0.288 | 0.061 |
| PEAK AREA (ABS-SECONDS) | [illegible] | [illegible] | [illegible] |

PEAK AREA (ABS-SECONDS)

READ: 37.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.348 | 0.282 | 0.069 |
| PEAK AREA (ABS-SECONDS) | 0.168 | 0.119 | 0.049 |

READ: 34.8 36 Cont. Cal. Std. (35)

---

MEAN= 35.9 STD.DEV.= COEF.VAR.= 3.90 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.064 | 0.044 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.061 | 0.025 | 0.036 |

READ: 4.4

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.069 | 0.049 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.060 | 0.029 | 0.031 |

READ: 5.8

---

MEAN= 5.1 STD.DEV.= COEF.VAR.= 20.05 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.193 | 0.152 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.124 | 0.084 | 0.040 |

READ: 24.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.188 | 0.155 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.129 | 0.088 | 0.041 |

READ: 25.1

---

MEAN= 24.6 STD.DEV.= COEF.VAR.= 2.77 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.028 | 0.014 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.031 | 0.004 | 0.026 |

READ: -2.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.023 | 0.013 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.029 | 0.007 | 0.022 |

READ: -2.0

---

MEAN= -2.4 STD.DEV.= COEF.VAR.= 24.96 %

**********

SE

SF recalibrate!

SF

SF

SR16122 11-19-87

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.026 | 0.018 | 0.016 |
| PEAK AREA (ABS-SECONDS) | 0.026 | 0.009 | 0.017 |

READ: 0.007

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.020 | 0.018 | 0.014 |
| PEAK AREA (ABS-SECONDS) | 0.028 | 0.010 | 0.018 |

READ: 0.008

---

MEAN= 0.007 STD.DEV.= COEF.VAR.= 7.66 %

**********

0.000 AUTOZERO

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.205 | 0.161 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.094 | 0.067 | 0.028 |

READ: 0.057

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.201 | 0.160 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.105 | 0.066 | 0.039 |

READ: 0.057

---

MEAN= 0.057 STD.DEV.= COEF.VAR.= 0.75 %

**********

20.0 STANDARD 1

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.342 | 0.272 | 0.071 |
| PEAK AREA (ABS-SECONDS) | 0.155 | 0.112 | 0.043 |

READ: 35.9

---

(CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.323 | 0.265 | 0.058 |
| PEAK AREA (ABS-SECONDS) | 0.148 | 0.109 | 0.038 |

READ: 35.1

---

MEAN= 35.5 STD.DEV.= COEF.VAR.= 1.63 %

**********

35.5

E-50: READING GREATER THAN HIGHEST STANDARD

**********
35.0 STANDARD 2
**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.465 | 0.385 | 0.084 |
| PEAK AREA (ABS-SECONDS) | 0.209 | 0.155 | 0.054 |

READ: 49.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.508 | 0.422 | 0.092 |
| PEAK AREA (ABS-SECONDS) | 0.204 | 0.158 | 0.046 |

READ: 50.6

---

MEAN= 50.1 STD.DEV.= COEF.VAR.= 1.41 %
**********
50.1
E-50: READING GREATER THAN HIGHEST STANDARD
**********
50.0 STANDARD 3
**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.025 | 0.016 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.037 | 0.011 | 0.026 |

READ: 0.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.024 | 0.021 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.032 | 0.005 | 0.026 |

READ: -1.4 <3 Cont. Cal. Blk. (0)

---

MEAN= -0.4 STD.DEV.= COEF.VAR.= 99.99 %
**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.439 | 0.353 | 0.086 |
| PEAK AREA (ABS-SECONDS) | 0.202 | 0.147 | 0.055 |

READ: 47.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.451 | 0.369 | 0.085 |
| PEAK AREA (ABS-SECONDS) | 0.187 | 0.132 | 0.055 |

READ: 41.9 45 ICV-2 (43)

---

MEAN= 44.5 STD.DEV.= COEF.VAR.= 7.66 %
**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.071 | 0.057 | 0.029 |
| PEAK AREA (ABS-SECONDS) | 0.059 | 0.027 | 0.032 |

READ: 6.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.077 | 0.058 | 0.029 |

PEAK AREA (ABS-SECONDS) 0.062 0.032 0.030

READ: 8.1 → 7 398

MEAN= 7.2 STD.DEV.= COEF.VAR.= 18.07 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.219 | 0.176 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.128 | 0.085 | 0.043 |

READ: 26.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.226 | 0.180 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.120 | 0.080 | 0.040 |

READ: 24.8 92% 398+20

MEAN= 25.5 STD.DEV.= COEF.VAR.= 4.06 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.023 | 0.018 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.040 | 0.007 | 0.033 |

READ: -0.9

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.025 | 0.017 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.008 | 0.025 |

READ: -0.6 <3 Cont. Cal. Blk. (0)

MEAN= -0.8 STD.DEV.= COEF.VAR.= 27.35 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.354 | 0.292 | 0.063 |
| PEAK AREA (ABS-SECONDS) | 0.153 | 0.109 | 0.044 |

READ: 34.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.356 | 0.264 | 0.197 |
| PEAK AREA (ABS-SECONDS) | 0.299 | 0.103 | 0.196 |

READ: 32.5 34 Cont. Cal. Std. (35)

MEAN= 33.5 STD.DEV.= COEF.VAR.= 4.15 %

**********

(As) SR16122 Group 5 12-01-87

---

Element File: AS_CLP | Element: As
Date: 12/01/87 | Time: 11:52
Data Storage File: As_data | ID/Weight File:
Technique: HGA | Calibration Type: Linear

---

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Sample ID: Blank     Sequence No.: 00001     Sampler Position: 1

Peak Area (A-s): 0.005     Peak Height (A): 0.010
Background Pk Area (A-s): 0.058     Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.005

Peak Area (A-s): 0.002     Peak Height (A): 0.008
Background Pk Area (A-s): 0.060     Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.002

Mean Pk Area (A-s): 0.003     SD: 0.0022     RSD(%): 66.3

Auto-zero performed.

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Sample ID: Standard 1     Sequence No.: 00002     Sampler Position: 2

Peak Area (A-s): 0.075     Peak Height (A): 0.073
Background Pk Area (A-s): 0.059     Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.072

Peak Area (A-s): 0.076     Peak Height (A): 0.082
Background Pk Area (A-s): 0.057     Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.072

Mean Pk Area (A-s): 0.072     SD: 0.0003     RSD(%): 0.4

Standard number 1 applied. [ 20.0]

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Sample ID: Standard 2     Sequence No.: 00003     Sampler Position: 3

Peak Area (A-s): 0.143     Peak Height (A): 0.163
Background Pk Area (A-s): 0.066     Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.140
Concentration (ug/L ): 38.8

Peak Area (A-s): 0.144     Peak Height (A): 0.160
Background Pk Area (A-s): 0.068     Background Pk Height (A): 0.027
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Blank Corrected Pk Area (A-s): 0.140
Concentration (ug/L ): 39.0

Mean Conc (ug/L ): 38.9 SD: 0.08 RSD(%): 0.2

Standard number 2 applied. [ 35.0]

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Sample ID: Standard 3 Sequence No.: 00004 Sampler Position: 4

Peak Area (A-s): 0.210 Peak Height (A): 0.241
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.207
Concentration (ug/L ): 52.8

Peak Area (A-s): 0.209 Peak Height (A): 0.238
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.206
Concentration (ug/L ): 52.6

Mean Conc (ug/L ): 52.7 SD: 0.15 RSD(%): 0.3

Standard number 3 applied. [ 50.0]

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Sample ID: 5 Sequence No.: 00005 Sampler Position: 5

Peak Area (A-s): 0.001 Peak Height (A): 0.008
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L ): -0.5

Peak Area (A-s): -0.001 Peak Height (A): 0.007
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): -0.004
Concentration (ug/L ): -1.1 <2 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): -0.8 SD: 0.43 RSD(%): 54.5

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Sample ID: 6 Sequence No.: 00006 Sampler Position: 6

Peak Area (A-s): 0.174 Peak Height (A): 0.181
Background Pk Area (A-s): 0.074 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.171
Concentration (ug/L ): 42.2

Peak Area (A-s): 0.178 Peak Height (A): 0.180
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.175
Concentration (ug/L ): 43.2 43 ICV-2 (41)

Mean Conc (ug/L ): 42.7 SD: 0.65 RSD(%): 1.5

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Sample ID: 7 Sequence No.: 00007 Sampler Position: 7

Peak Area (A-s): 0.001 Peak Height (A): 0.012
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.028

Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L ): -0.6

Peak Area (A-s): 0.002 Peak Height (A): 0.010
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L ): -0.3 <2 RGT Blk 1

Mean Conc (ug/L ): -0.4 SD: 0.21 RSD(%): 47.7

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Sample ID: 8 Sequence No.: 00008 Sampler Position: 8

Peak Area (A-s): 0.000 Peak Height (A): 0.008
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L ): -0.8

Peak Area (A-s): 0.001 Peak Height (A): 0.009
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L ): -0.6 &lt;2 RGT Blk2

Mean Conc (ug/L ): -0.7 SD: 0.19 RSD(%): 27.1

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Sample ID: 9 Sequence No.: 00009 Sampler Position: 9

Peak Area (A-s): 0.002 Peak Height (A): 0.010
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L ): -0.4

Peak Area (A-s): 0.001 Peak Height (A): 0.012
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L ): -0.6 <2 ~~RGT~~ BlkQ1

Mean Conc (ug/L ): -0.5 SD: 0.14 RSD(%): 26.3

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Sample ID: 10 Sequence No.: 00010 Sampler Position: 10

Peak Area (A-s): -0.001 Peak Height (A): 0.008
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): -0.004
Concentration (ug/L ): -1.0

Peak Area (A-s): -0.003 Peak Height (A): 0.008
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): -0.006
Concentration (ug/L ): -1.6 BlkQ2
&lt;2
Mean Conc (ug/L ): -1.3 SD: 0.41 RSD(%): 32.4

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Sample ID: 11 Sequence No.: 00011 Sampler Position: 11

Peak Area (A-s): 0.005 Peak Height (A): 0.010

Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L ): 0.3

Peak Area (A-s): 0.000 Peak Height (A): 0.008
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L ): -0.8 <2 409

Mean Conc (ug/L ): -0.2 SD: 0.80 RSD(%): 340.1

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Sample ID: 12 Sequence No.: 00012 Sampler Position: 12

Peak Area (A-s): 0.091 Peak Height (A): 0.111
Background Pk Area (A-s): 0.077 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.088
Concentration (ug/L ): 21.8

Peak Area (A-s): 0.095 Peak Height (A): 0.115
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.091
Concentration (ug/L ): 22.6 111% 409+20

Mean Conc (ug/L ): 22.2 SD: 0.58 RSD(%): 2.6

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Sample ID: 13 Sequence No.: 00013 Sampler Position: 13

Peak Area (A-s): 0.162 Peak Height (A): 0.187
Background Pk Area (A-s): 0.145 Background Pk Height (A): 0.090
Blank Corrected Pk Area (A-s): 0.159
Concentration (ug/L ): 39.2 SJ

dilute 1/2

Peak Area (A-s): 0.164 Peak Height (A): 0.185
Background Pk Area (A-s): 0.144 Background Pk Height (A): 0.091
Blank Corrected Pk Area (A-s): 0.161
Concentration (ug/L ): 39.7 410A

Mean Conc (ug/L ): 39.5 SD: 0.34 RSD(%): 0.9

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Sample ID: 14 Sequence No.: 00014 Sampler Position: 14

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.263 Peak Height (A): 0.284
Background Pk Area (A-s): 0.150 Background Pk Height (A): 0.094
Blank Corrected Pk Area (A-s): 0.259
Concentration (ug/L ): 64.1

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.257 Peak Height (A): 0.280
Background Pk Area (A-s): 0.152 Background Pk Height (A): 0.097
Blank Corrected Pk Area (A-s): 0.253
Concentration (ug/L ): 62.6

The sample absorbance is greater than that of the highest standard.
Mean Conc (ug/L ): 63.4 SD: 1.09 RSD(%): 1.7

SJ
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Sample ID: 15 Sequence No.: 00015 Sampler Position: 15

Peak Area (A-s): 0.163 Peak Height (A): 0.187
Background Pk Area (A-s): 0.148 Background Pk Height (A): 0.093
Blank Corrected Pk Area (A-s): 0.160
Concentration (ug/L ): 39.4

SF dilute 1/2

Peak Area (A-s): 0.156 Peak Height (A): 0.184
Background Pk Area (A-s): 0.149 Background Pk Height (A): 0.086
Blank Corrected Pk Area (A-s): 0.153
Concentration (ug/L ): 37.8

410B

Mean Conc (ug/L ): 38.6 SD: 1.16 RSD(%): 3.0

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Sample ID: 16 Sequence No.: 00016 Sampler Position: 16

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.257 Peak Height (A): 0.284
Background Pk Area (A-s): 0.159 Background Pk Height (A): 0.098
Blank Corrected Pk Area (A-s): 0.253
Concentration (ug/L ): 62.6

SF

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.255 Peak Height (A): 0.280
Background Pk Area (A-s): 0.159 Background Pk Height (A): 0.095
Blank Corrected Pk Area (A-s): 0.251
Concentration (ug/L ): 62.2

The sample absorbance is greater than that of the highest standard.
Mean Conc (ug/L ): 62.4 SD: 0.32 RSD(%): 0.5

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Sample ID: 17 Sequence No.: 00017 Sampler Position: 17

Peak Area (A-s): -0.000 Peak Height (A): 0.009
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): -0.004
Concentration (ug/L ): -0.9

Peak Area (A-s): 0.005 Peak Height (A): 0.011
Background Pk Area (A-s): 0.060 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L ): 0.4 &lt;2 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): -0.3 SD: 0.88 RSD(%): 343.6

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Sample ID: 18 Sequence No.: 00018 Sampler Position: 18

Peak Area (A-s): 0.137 Peak Height (A): 0.153
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.134
Concentration (ug/L ): 33.1

Peak Area (A-s): 0.141 Peak Height (A): 0.165
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.029

Blank Corrected Pk Area (A-s): 0.137
Concentration (ug/L ): 33.9 34 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 33.5 SD: 0.57 RSD(%): 1.7

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Sample ID: 19 Sequence No.: 00019 Sampler Position: 19

Peak Area (A-s): 0.143 Peak Height (A): 0.152
Background Pk Area (A-s): 0.102 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.140
Concentration (ug/L ): 34.5

Peak Area (A-s): 0.146 Peak Height (A): 0.155
Background Pk Area (A-s): 0.102 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.143
Concentration (ug/L ): 35.3

SF dilute 1/2 4/11

Mean Conc (ug/L ): 34.9 SD: 0.54 RSD(%): 1.6

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Sample ID: 20 Sequence No.: 00020 Sampler Position: 20

Peak Area (A-s): 0.229 Peak Height (A): 0.254
Background Pk Area (A-s): 0.109 Background Pk Height (A): 0.058
Blank Corrected Pk Area (A-s): 0.226
Concentration (ug/L ): 55.9

Peak Area (A-s): 0.219 Peak Height (A): 0.265
Background Pk Area (A-s): 0.108 Background Pk Height (A): 0.057
Blank Corrected Pk Area (A-s): 0.216
Concentration (ug/L ): 53.3

SF

Mean Conc (ug/L ): 54.6 SD: 1.81 RSD(%): 3.3

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Sample ID: 21 Sequence No.: 00021 Sampler Position: 21

Peak Area (A-s): 0.183 Peak Height (A): 0.207
Background Pk Area (A-s): 0.135 Background Pk Height (A): 0.080
Blank Corrected Pk Area (A-s): 0.179
Concentration (ug/L ): 44.4

Peak Area (A-s): 0.167 Peak Height (A): 0.203
Background Pk Area (A-s): 0.131 Background Pk Height (A): 0.071
Blank Corrected Pk Area (A-s): 0.164
Concentration (ug/L ): 40.4

SF dilute 1/2 4/12

Mean Conc (ug/L ): 42.4 SD: 2.78 RSD(%): 6.6

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Sample ID: 22 Sequence No.: 00022 Sampler Position: 22

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.268 Peak Height (A): 0.309
Background Pk Area (A-s): 0.135 Background Pk Height (A): 0.076
Blank Corrected Pk Area (A-s): 0.265
Concentration (ug/L ): 65.4

SF

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.252 Peak Height (A): 0.299
Background Pk Area (A-s): 0.144 Background Pk Height (A): 0.078
Blank Corrected Pk Area (A-s): 0.249
Concentration (ug/L ): 61.4

The sample absorbance is greater than that of the highest standard.
Mean Conc (ug/L ): 63.4 SD: 2.83 RSD(%): 4.5

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Sample ID: 23 Sequence No.: 00023 Sampler Position: 23

Peak Area (A-s): 0.132 Peak Height (A): 0.157
Background Pk Area (A-s): 0.098 Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.128
Concentration (ug/L ): 31.8

Peak Area (A-s): 0.139 Peak Height (A): 0.164
Background Pk Area (A-s): 0.100 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.135
Concentration (ug/L ): 33.5

SF dilute ½

413

Mean Conc (ug/L ): 32.6 SD: 1.20 RSD(%): 3.7

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Sample ID: 24 Sequence No.: 00024 Sampler Position: 24

Peak Area (A-s): 0.222 Peak Height (A): 0.264
Background Pk Area (A-s): 0.102 Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.219
Concentration (ug/L ): 54.1

SF

Peak Area (A-s): 0.228 Peak Height (A): 0.263
Background Pk Area (A-s): 0.102 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.225
Concentration (ug/L ): 55.6

Mean Conc (ug/L ): 54.9 SD: 1.05 RSD(%): 1.9

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Sample ID: 25 Sequence No.: 00025 Sampler Position: 25

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.268 Peak Height (A): 0.298
Background Pk Area (A-s): 0.134 Background Pk Height (A): 0.080
Blank Corrected Pk Area (A-s): 0.265
Concentration (ug/L ): 65.5

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.270 Peak Height (A): 0.294
Background Pk Area (A-s): 0.148 Background Pk Height (A): 0.087
Blank Corrected Pk Area (A-s): 0.266
Concentration (ug/L ): 65.9

SF dilute 1/5

414

The sample absorbance is greater than that of the highest standard.
Mean Conc (ug/L ): 65.7 SD: 0.26 RSD(%): 0.4

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Sample ID: 26 Sequence No.: 00026 Sampler Position: 26

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.356 Peak Height (A): 0.409
Background Pk Area (A-s): 0.144 Background Pk Height (A): 0.085
Blank Corrected Pk Area (A-s): 0.353
Concentration (ug/L ): 87.2

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.359 Peak Height (A): 0.400
Background Pk Area (A-s): 0.144 Background Pk Height (A): 0.085
Blank Corrected Pk Area (A-s): 0.356
Concentration (ug/L ): 87.9

The sample absorbance is greater than that of the highest standard.
Mean Conc (ug/L ): 87.6 SD: 0.46 RSD(%): 0.5

SF

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Sample ID: 27 Sequence No.: 00027 Sampler Position: 27

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.241 Peak Height (A): 0.289
Background Pk Area (A-s): 0.100 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.238
Concentration (ug/L ): 58.8

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.234 Peak Height (A): 0.285
Background Pk Area (A-s): 0.105 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.231
Concentration (ug/L ): 57.0

The sample absorbance is greater than that of the highest standard.
Mean Conc (ug/L ): 57.9 SD: 1.24 RSD(%): 2.1

SF dilute 1/4 4/5

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Sample ID: 28 Sequence No.: 00028 Sampler Position: 28

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.253 Peak Height (A): 0.327
Background Pk Area (A-s): 0.106 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.250
Concentration (ug/L ): 61.8

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.267 Peak Height (A): 0.354
Background Pk Area (A-s): 0.104 Background Pk Height (A): 0.062
Blank Corrected Pk Area (A-s): 0.263
Concentration (ug/L ): 65.1

The sample absorbance is greater than that of the highest standard.
Mean Conc (ug/L ): 63.4 SD: 2.32 RSD(%): 3.7

SF

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Sample ID: 29 Sequence No.: 00029 Sampler Position: 29

Peak Area (A-s): 0.001 Peak Height (A): 0.008
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L ): -0.6
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Peak Area (A-s): -0.002 Peak Height (A): 0.009
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): -0.005
Concentration (ug/L ): -1.3 <2 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): -0.9 SD: 0.46 RSD(%): 49.7

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Sample ID: 30 Sequence No.: 00030 Sampler Position: 30

Peak Area (A-s): 0.136 Peak Height (A): 0.162
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.133
Concentration (ug/L ): 32.9

Peak Area (A-s): 0.143 Peak Height (A): 0.169
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.140
Concentration (ug/L ): 34.5 34 Cont. Cal. Std (35)

Mean Conc (ug/L ): 33.7 SD: 1.13 RSD(%): 3.3

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Sample ID: 31 Sequence No.: 00031 Sampler Position: 31

Peak Area (A-s): 0.045 Peak Height (A): 0.057
Background Pk Area (A-s): 0.085 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.042
Concentration (ug/L ): 10.3

Peak Area (A-s): 0.049 Peak Height (A): 0.060
Background Pk Area (A-s): 0.091 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.046
Concentration (ug/L ): 11.2 11 416

Mean Conc (ug/L ): 10.8 SD: 0.69 RSD(%): 6.4

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Sample ID: 32 Sequence No.: 00032 Sampler Position: 32

Peak Area (A-s): 0.143 Peak Height (A): 0.166
Background Pk Area (A-s): 0.096 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.139
Concentration (ug/L ): 34.4

Peak Area (A-s): 0.142 Peak Height (A): 0.169
Background Pk Area (A-s): 0.095 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.139
Concentration (ug/L ): 34.3 115% 416+20

Mean Conc (ug/L ): 34.4 SD: 0.09 RSD(%): 0.3

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Sample ID: 33 Sequence No.: 00033 Sampler Position: 33

Peak Area (A-s): 0.046 Peak Height (A): 0.060
Background Pk Area (A-s): 0.084 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): 0.042

Concentration (ug/L ): 10.5

Peak Area (A-s): 0.050 | Peak Height (A): 0.062
Background Pk Area (A-s): 0.080 | Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.047
Concentration (ug/L ): 11.6

11 417

Mean Conc (ug/L ): 11.0 SD: 0.82 RSD(%): 7.5

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Sample ID: 34 Sequence No.: 00034 Sampler Position: 34

Peak Area (A-s): 0.143 | Peak Height (A): 0.165
Background Pk Area (A-s): 0.087 | Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.140
Concentration (ug/L ): 34.5

Peak Area (A-s): 0.126 | Peak Height (A): 0.169
Background Pk Area (A-s): 0.081 | Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.123
Concentration (ug/L ): 30.4

108% 417+20

Mean Conc (ug/L ): 32.5 SD: 2.91 RSD(%): 9.0

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Sample ID: 35 Sequence No.: 00035 Sampler Position: 35

Peak Area (A-s): 0.065 | Peak Height (A): 0.086
Background Pk Area (A-s): 0.086 | Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.062
Concentration (ug/L ): 15.3

Peak Area (A-s): 0.063 | Peak Height (A): 0.081
Background Pk Area (A-s): 0.087 | Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.059
Concentration (ug/L ): 14.6

15 866A

Mean Conc (ug/L ): 15.0 SD: 0.50 RSD(%): 3.3

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Sample ID: 36 Sequence No.: 00036 Sampler Position: 36

Peak Area (A-s): 0.151 | Peak Height (A): 0.185
Background Pk Area (A-s): 0.092 | Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.148
Concentration (ug/L ): 36.5

Peak Area (A-s): 0.149 | Peak Height (A): 0.188
Background Pk Area (A-s): 0.089 | Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.145
Concentration (ug/L ): 35.9

106% 866A+20

Mean Conc (ug/L ): 36.2 SD: 0.44 RSD(%): 1.2

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Sample ID: 37 Sequence No.: 00037 Sampler Position: 37

Peak Area (A-s): 0.072 | Peak Height (A): 0.090
Background Pk Area (A-s): 0.085 | Background Pk Height (A): 0.038

Blank Corrected Pk Area (A-s): 0.069
Concentration (ug/L ): 17.0

Peak Area (A-s): 0.070 Peak Height (A): 0.081
Background Pk Area (A-s): 0.085 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.067
Concentration (ug/L ): 16.5

17 866B

Mean Conc (ug/L ): 16.8 SD: 0.36 RSD(%): 2.2

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Sample ID: 38 Sequence No.: 00038 Sampler Position: 38

Peak Area (A-s): 0.163 Peak Height (A): 0.190
Background Pk Area (A-s): 0.090 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.160
Concentration (ug/L ): 39.5

Peak Area (A-s): 0.155 Peak Height (A): 0.184
Background Pk Area (A-s): 0.089 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.152
Concentration (ug/L ): 37.6

109% 866B+20

Mean Conc (ug/L ): 38.5 SD: 1.35 RSD(%): 3.5

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Sample ID: 39 Sequence No.: 00039 Sampler Position: 39

Peak Area (A-s): 0.062 Peak Height (A): 0.078
Background Pk Area (A-s): 0.084 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.059
Concentration (ug/L ): 14.6

Peak Area (A-s): 0.062 Peak Height (A): 0.078
Background Pk Area (A-s): 0.083 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.059
Concentration (ug/L ): 14.5

15 867

Mean Conc (ug/L ): 14.6 SD: 0.04 RSD(%): 0.2

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Sample ID: 40 Sequence No.: 00040 Sampler Position: 40

Peak Area (A-s): 0.133 Peak Height (A): 0.159
Background Pk Area (A-s): 0.086 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.129
Concentration (ug/L ): 32.0

Peak Area (A-s): 0.145 Peak Height (A): 0.176
Background Pk Area (A-s): 0.095 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): 0.141
Concentration (ug/L ): 34.9

94% 867+20

Mean Conc (ug/L ): 33.4 SD: 2.05 RSD(%): 6.1

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Sample ID: 7 Sequence No.: 00041 Sampler Position: 7

Peak Area (A-s): 0.001 Peak Height (A): 0.008

Background Pk Area (A-s): 0.067    Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L ): -0.6

Peak Area (A-s): -0.004    Peak Height (A): 0.007
Background Pk Area (A-s): 0.071    Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): -0.007
Concentration (ug/L ): -1.7    <2    Cont. Cal. Blk (0)

Mean Conc (ug/L ): -1.2    SD: 0.83    RSD(%): 72.2

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Sample ID: 8    Sequence No.: 00042    Sampler Position: 8

Peak Area (A-s): 0.143    Peak Height (A): 0.167
Background Pk Area (A-s): 0.073    Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.140
Concentration (ug/L ): 34.5

Peak Area (A-s): 0.140    Peak Height (A): 0.159
Background Pk Area (A-s): 0.072    Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.137
Concentration (ug/L ): 33.9    34    Cont. Cal. Std. (35)

Mean Conc (ug/L ): 34.2    SD: 0.44    RSD(%): 1.3

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Sample ID: 9    Sequence No.: 00043    Sampler Position: 9

Peak Area (A-s): 0.076    Peak Height (A): 0.091
Background Pk Area (A-s): 0.086    Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.072
Concentration (ug/L ): 17.9

Peak Area (A-s): 0.071    Peak Height (A): 0.093
Background Pk Area (A-s): 0.090    Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.068
Concentration (ug/L ): 16.8    17    868

Mean Conc (ug/L ): 17.3    SD: 0.81    RSD(%): 4.7

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Sample ID: 10    Sequence No.: 00044    Sampler Position: 10

Peak Area (A-s): 0.169    Peak Height (A): 0.194
Background Pk Area (A-s): 0.093    Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.166
Concentration (ug/L ): 41.1

Peak Area (A-s): 0.162    Peak Height (A): 0.196
Background Pk Area (A-s): 0.091    Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.159
Concentration (ug/L ): 39.2    114%    868+20

Mean Conc (ug/L ): 40.1    SD: 1.28    RSD(%): 3.2

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Sample ID: 11    Sequence No.: 00045    Sampler Position: 11

Peak Area (A-s): 0.064 | Peak Height (A): 0.081
Background Pk Area (A-s): 0.079 | Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.061
Concentration (ug/L ): 15.0

Peak Area (A-s): 0.065 | Peak Height (A): 0.084
Background Pk Area (A-s): 0.082 | Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.062
Concentration (ug/L ): 15.2 → 15   869

Mean Conc (ug/L ): 15.1   SD: 0.15   RSD(%): 1.0

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Sample ID: 12   Sequence No.: 00046   Sampler Position: 12

Peak Area (A-s): 0.159 | Peak Height (A): 0.195
Background Pk Area (A-s): 0.087 | Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.155
Concentration (ug/L ): 38.4

Peak Area (A-s): 0.134 | Peak Height (A): 0.172
Background Pk Area (A-s): 0.087 | Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.131
Concentration (ug/L ): 32.4   102%   869+20

Mean Conc (ug/L ): 35.4   SD: 4.26   RSD(%): 12.0

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Sample ID: 13   Sequence No.: 00047   Sampler Position: 13

Peak Area (A-s): 0.059 | Peak Height (A): 0.088
Background Pk Area (A-s): 0.083 | Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.056
Concentration (ug/L ): 13.8

Peak Area (A-s): 0.067 | Peak Height (A): 0.087
Background Pk Area (A-s): 0.085 | Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.063
Concentration (ug/L ): 15.7 → 15   870

Mean Conc (ug/L ): 14.8   SD: 1.30   RSD(%): 8.8

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Sample ID: 14   Sequence No.: 00048   Sampler Position: 14

Peak Area (A-s): 0.138 | Peak Height (A): 0.181
Background Pk Area (A-s): 0.090 | Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.135
Concentration (ug/L ): 33.3

Peak Area (A-s): 0.155 | Peak Height (A): 0.193
Background Pk Area (A-s): 0.087 | Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.151
Concentration (ug/L ): 37.4   103%   870+20

Mean Conc (ug/L ): 35.4   SD: 2.91   RSD(%): 8.2

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Sample ID: 15   Sequence No.: 00049   Sampler Position: 15

Peak Area (A-s): -0.001 | Peak Height (A): 0.009
Background Pk Area (A-s): 0.075 | Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): -0.005
Concentration (ug/L ): -1.2

Peak Area (A-s): -0.000 | Peak Height (A): 0.009
Background Pk Area (A-s): 0.075 | Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): -0.004
Concentration (ug/L ): -0.9 <2 870

Mean Conc (ug/L ): -1.1 SD: 0.16 RSD(%): 15.0

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Sample ID: 16 Sequence No.: 00050 Sampler Position: 16

Peak Area (A-s): 0.079 | Peak Height (A): 0.106
Background Pk Area (A-s): 0.076 | Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.076
Concentration (ug/L ): 18.7

Peak Area (A-s): 0.079 | Peak Height (A): 0.101
Background Pk Area (A-s): 0.079 | Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.076
Concentration (ug/L ): 18.8 94% 870+20

Mean Conc (ug/L ): 18.8 SD: 0.08 RSD(%): 0.4

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Sample ID: 17 Sequence No.: 00051 Sampler Position: 17

Peak Area (A-s): 0.071 | Peak Height (A): 0.089
Background Pk Area (A-s): 0.096 | Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.068
Concentration (ug/L ): 16.8 34

Peak Area (A-s): 0.071 | Peak Height (A): 0.086
Background Pk Area (A-s): 0.099 | Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.068
Concentration (ug/L ): 16.8 17 410A 1/2

Mean Conc (ug/L ): 16.8 SD: 0.02 RSD(%): 0.1

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Sample ID: 18 Sequence No.: 00052 Sampler Position: 18

Peak Area (A-s): 0.152 | Peak Height (A): 0.190
Background Pk Area (A-s): 0.105 | Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.149
Concentration (ug/L ): 36.8

Peak Area (A-s): 0.149 | Peak Height (A): 0.184
Background Pk Area (A-s): 0.104 | Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.146
Concentration (ug/L ): 36.1 99% 410A+20

Mean Conc (ug/L ): 36.5 SD: 0.49 RSD(%): 1.3

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Sample ID: 19    Sequence No.: 00053    Sampler Position: 19

Peak Area (A-s): 0.004    Peak Height (A): 0.010
Background Pk Area (A-s): 0.064    Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L ): 0.0

Peak Area (A-s): -0.004    Peak Height (A): 0.008
Background Pk Area (A-s): 0.064    Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): -0.007
Concentration (ug/L ): -1.8    <2    Cont. Cal. Blk. (0)

Mean Conc (ug/L ): -0.9    SD: 1.31    RSD(%): 147.5

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Sample ID: 20    Sequence No.: 00054    Sampler Position: 20

Peak Area (A-s): 0.137    Peak Height (A): 0.158
Background Pk Area (A-s): 0.070    Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.134
Concentration (ug/L ): 33.1

Peak Area (A-s): 0.138    Peak Height (A): 0.161
Background Pk Area (A-s): 0.072    Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.134
Concentration (ug/L ): 33.2    33    Cont. Cal. Std. (35)

Mean Conc (ug/L ): 33.1    SD: 0.12    RSD(%): 0.4

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Sample ID: 21    Sequence No.: 00055    Sampler Position: 21

Peak Area (A-s): 0.071    Peak Height (A): 0.087
Background Pk Area (A-s): 0.100    Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.068
Concentration (ug/L ): 16.8

Peak Area (A-s): 0.073    Peak Height (A): 0.090
Background Pk Area (A-s): 0.101    Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.070    34
Concentration (ug/L ): 17.2    410B ½

Mean Conc (ug/L ): 17.0    SD: 0.33    RSD(%): 1.9

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Sample ID: 22    Sequence No.: 00056    Sampler Position: 22

Peak Area (A-s): 0.159    Peak Height (A): 0.193
Background Pk Area (A-s): 0.100    Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.156
Concentration (ug/L ): 38.5

Peak Area (A-s): 0.154    Peak Height (A): 0.196
Background Pk Area (A-s): 0.103    Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.151
Concentration (ug/L ): 37.3    105%    410B+20

Mean Conc (ug/L ): 37.9    SD: 0.84    RSD(%): 2.2
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Sample ID: 23 Sequence No.: 00057 Sampler Position: 23

Peak Area (A-s): 0.060 Peak Height (A): 0.075
Background Pk Area (A-s): 0.090 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.057
Concentration (ug/L ): 14.0

Peak Area (A-s): 0.064 Peak Height (A): 0.075
Background Pk Area (A-s): 0.089 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.060
Concentration (ug/L ): 14.9 29 411 ½

Mean Conc (ug/L ): 14.5 SD: 0.60 RSD(%): 4.2

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Sample ID: 24 Sequence No.: 00058 Sampler Position: 24

Peak Area (A-s): 0.142 Peak Height (A): 0.169
Background Pk Area (A-s): 0.089 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.138
Concentration (ug/L ): 34.2

Peak Area (A-s): 0.136 Peak Height (A): 0.172
Background Pk Area (A-s): 0.092 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.133
Concentration (ug/L ): 32.8 95% 411+20

Mean Conc (ug/L ): 33.5 SD: 1.00 RSD(%): 3.0

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Sample ID: 25 Sequence No.: 00059 Sampler Position: 25

Peak Area (A-s): 0.083 Peak Height (A): 0.101
Background Pk Area (A-s): 0.094 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.080
Concentration (ug/L ): 19.8

Peak Area (A-s): 0.081 Peak Height (A): 0.105
Background Pk Area (A-s): 0.093 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.077
Concentration (ug/L ): 19.1 39 412 ½

Mean Conc (ug/L ): 19.4 SD: 0.51 RSD(%): 2.6

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Sample ID: 26 Sequence No.: 00060 Sampler Position: 26

Peak Area (A-s): 0.160 Peak Height (A): 0.193
Background Pk Area (A-s): 0.097 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.157
Concentration (ug/L ): 38.8

Peak Area (A-s): 0.162 Peak Height (A): 0.195
Background Pk Area (A-s): 0.093 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.159
Concentration (ug/L ): 39.3

99% 412+20

Mean Conc (ug/L ): 39.1 SD: 0.33 RSD(%): 0.8

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Sample ID: 27 Sequence No.: 00061 Sampler Position: 27

Peak Area (A-s): 0.061 Peak Height (A): 0.075
Background Pk Area (A-s): 0.087 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.058
Concentration (ug/L ): 14.3

Peak Area (A-s): 0.057 Peak Height (A): 0.078
Background Pk Area (A-s): 0.085 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.054
Concentration (ug/L ): 13.3

28 413 1/2

Mean Conc (ug/L ): 13.8 SD: 0.68 RSD(%): 4.9

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Sample ID: 28 Sequence No.: 00062 Sampler Position: 28

Peak Area (A-s): 0.140 Peak Height (A): 0.168
Background Pk Area (A-s): 0.092 Background Pk Height (A): 0.040
Blank Corrected Pk Area (A-s): 0.136
Concentration (ug/L ): 33.7

Peak Area (A-s): 0.136 Peak Height (A): 0.170
Background Pk Area (A-s): 0.084 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.133
Concentration (ug/L ): 32.8

97% 413+20

Mean Conc (ug/L ): 33.2 SD: 0.63 RSD(%): 1.9

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Sample ID: 29 Sequence No.: 00063 Sampler Position: 29

Peak Area (A-s): 0.063 Peak Height (A): 0.083
Background Pk Area (A-s): 0.086 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.060
Concentration (ug/L ): 14.8

Peak Area (A-s): 0.065 Peak Height (A): 0.083
Background Pk Area (A-s): 0.083 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.062
Concentration (ug/L ): 15.4

60 414 1/4

Mean Conc (ug/L ): 15.1 SD: 0.36 RSD(%): 2.4

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Sample ID: 30 Sequence No.: 00064 Sampler Position: 30

Peak Area (A-s): 0.147 Peak Height (A): 0.173
Background Pk Area (A-s): 0.089 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.144
Concentration (ug/L ): 35.5

Peak Area (A-s): 0.143 Peak Height (A): 0.173
Background Pk Area (A-s): 0.087 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.140
Concentration (ug/L ): 34.5

100% 414+20

Mean Conc (ug/L ): 35.0 SD: 0.68 RSD(%): 1.9

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Sample ID: 31 Sequence No.: 00065 Sampler Position: 31

Peak Area (A-s): -0.000 Peak Height (A): 0.007
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L ): -0.8

Peak Area (A-s): 0.002 Peak Height (A): 0.009
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L ): -0.3 &lt;2 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): -0.6 SD: 0.36 RSD(%): 62.7

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Sample ID: 32 Sequence No.: 00066 Sampler Position: 32

Peak Area (A-s): 0.140 Peak Height (A): 0.160
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.137
Concentration (ug/L ): 33.8

Peak Area (A-s): 0.131 Peak Height (A): 0.161
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.128
Concentration (ug/L ): 31.6 33 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 32.7 SD: 1.55 RSD(%): 4.7

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Sample ID: 33 Sequence No.: 00067 Sampler Position: 33

Peak Area (A-s): 0.042 Peak Height (A): 0.058
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.039
Concentration (ug/L ): 9.6

Peak Area (A-s): 0.046 Peak Height (A): 0.062
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.042
Concentration (ug/L ): 10.5 40 415 1/4

Mean Conc (ug/L ): 10.0 SD: 0.61 RSD(%): 6.0

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Sample ID: 34 Sequence No.: 00068 Sampler Position: 34

Peak Area (A-s): 0.128 Peak Height (A): 0.150
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.124
Concentration (ug/L ): 30.7

Peak Area (A-s): 0.125 Peak Height (A): 0.151
Background Pk Area (A-s): 0.077 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.122

Concentration (ug/L ): 30.2 *103%* *415+20*

Mean Conc (ug/L ): 30.5 SD: 0.39 RSD(%): 1.3

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Sample ID: 35 Sequence No.: 00069 Sampler Position: 35

Peak Area (A-s): -0.005 Peak Height (A): 0.008
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): -0.008
Concentration (ug/L ): -2.1

Peak Area (A-s): 0.004 Peak Height (A): 0.009
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L ): 0.2 *&lt;2* *Cont. Cal. Blk. (0)*

Mean Conc (ug/L ): -0.9 SD: 1.58 RSD(%): 167.9

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Sample ID: 36 Sequence No.: 00070 Sampler Position: 36

Peak Area (A-s): 0.132 Peak Height (A): 0.158
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.129
Concentration (ug/L ): 31.9

Peak Area (A-s): 0.134 Peak Height (A): 0.156
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.130
Concentration (ug/L ): 32.2 *32* *Cont. Cal. Std. (35)*

Mean Conc (ug/L ): 32.0 SD: 0.21 RSD(%): 0.6

(Pb) SR16122 Groups 5&6 12-7-87

Element File: PB_CLP
Date: 12/07/87
Data Storage File: Pb_data
Technique: HGA

Element: Pb
Time: 9:03
ID/Weight File:
Calibration Type: Linear

Sample ID: Blank  Sequence No.: 00001  Sampler Position: 1

Peak Area (A-s): 0.006
Background Pk Area (A-s): -0.009
Blank Corrected Pk Area (A-s): 0.006

Peak Height (A): 0.013
Background Pk Height (A): 0.003

Peak Area (A-s): 0.006
Background Pk Area (A-s): -0.010
Blank Corrected Pk Area (A-s): 0.006

Peak Height (A): 0.011
Background Pk Height (A): 0.004

Mean Pk Area (A-s): 0.006  SD: 0.0004  RSD(%): 6.9

Auto-zero performed.

Sample ID: Standard 1 Sequence No.: 00002 Sampler Position: 2

Peak Area (A-s): 0.114 Peak Height (A): 0.275
Background Pk Area (A-s): 0.017 Background Pk Height (A): 0.059
Blank Corrected Pk Area (A-s): 0.108

Peak Area (A-s): 0.115 Peak Height (A): 0.276
Background Pk Area (A-s): 0.017 Background Pk Height (A): 0.059
Blank Corrected Pk Area (A-s): 0.109

Mean Pk Area (A-s): 0.109 SD: 0.0007 RSD(%): 0.6

Standard number 1 applied. [ 20.0]

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Sample ID: Standard 2 Sequence No.: 00003 Sampler Position: 3

Peak Area (A-s): 0.178 Peak Height (A): 0.416
Background Pk Area (A-s): 0.030 Background Pk Height (A): 0.092
Blank Corrected Pk Area (A-s): 0.172
Concentration (ug/L ): 31.6

Peak Area (A-s): 0.178 Peak Height (A): 0.416
Background Pk Area (A-s): 0.031 Background Pk Height (A): 0.091
Blank Corrected Pk Area (A-s): 0.172
Concentration (ug/L ): 31.7

Mean Conc (ug/L ): 31.7 SD: 0.06 RSD(%): 0.2

Standard number 2 applied. [ 35.0]

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Sample ID: Standard 3 Sequence No.: 00004 Sampler Position: 4

Peak Area (A-s): 0.254 Peak Height (A): 0.562
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.129
Blank Corrected Pk Area (A-s): 0.248
Concentration (ug/L ): 49.0

Peak Area (A-s): 0.251 Peak Height (A): 0.560
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.129
Blank Corrected Pk Area (A-s): 0.245
Concentration (ug/L ): 48.5

Mean Conc (ug/L ): 48.8 SD: 0.35 RSD(%): 0.7

Standard number 3 applied. [ 50.0]

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Sample ID: 5 Sequence No.: 00005 Sampler Position: 5

Peak Area (A-s): 0.006 Peak Height (A): 0.011
Background Pk Area (A-s): -0.008 Background Pk Height (A): 0.005
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L ): 0.1

Peak Area (A-s): 0.004 Peak Height (A): 0.012
Background Pk Area (A-s): -0.007 Background Pk Height (A): 0.004
Blank Corrected Pk Area (A-s): -0.002
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Concentration (ug/L ): -0.4 <3

Mean Conc (ug/L ): -0.2 SD: 0.33 RSD(%): 206.7

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Sample ID: 6 Sequence No.: 00006 Sampler Position: 6

Peak Area (A-s): 0.267 Peak Height (A): 0.577
Background Pk Area (A-s): 0.052 Background Pk Height (A): 0.135
Blank Corrected Pk Area (A-s): 0.261
Concentration (ug/L ): 52.5

Peak Area (A-s): 0.270 Peak Height (A): 0.589
Background Pk Area (A-s): 0.052 Background Pk Height (A): 0.136
Blank Corrected Pk Area (A-s): 0.264
Concentration (ug/L ): 53.0

Mean Conc (ug/L ): 52.7 SD: 0.36 RSD(%): 0.7

SF suspect contamination remake & RR

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Sample ID: 7 Sequence No.: 00007 Sampler Position: 7

Peak Area (A-s): 0.019 Peak Height (A): 0.038
Background Pk Area (A-s): -0.001 Background Pk Height (A): 0.008
Blank Corrected Pk Area (A-s): 0.013
Concentration (ug/L ): 2.6

Peak Area (A-s): 0.015 Peak Height (A): 0.033
Background Pk Area (A-s): -0.001 Background Pk Height (A): 0.010
Blank Corrected Pk Area (A-s): 0.009
Concentration (ug/L ): 1.7

Mean Conc (ug/L ): 2.2 SD: 0.59 RSD(%): 27.5

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Sample ID: 8 Sequence No.: 00008 Sampler Position: 8

Peak Area (A-s): 0.123 Peak Height (A): 0.222
Background Pk Area (A-s): 0.020 Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.117
Concentration (ug/L ): 23.6

Peak Area (A-s): 0.123 Peak Height (A): 0.225
Background Pk Area (A-s): 0.022 Background Pk Height (A): 0.051
Blank Corrected Pk Area (A-s): 0.117
Concentration (ug/L ): 23.6

Mean Conc (ug/L ): 23.6 SD: 0.01 RSD(%): 0.0

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Sample ID: 6 Sequence No.: 00009 Sampler Position: 6

Peak Area (A-s): 0.249 Peak Height (A): 0.513
Background Pk Area (A-s): 0.046 Background Pk Height (A): 0.118
Blank Corrected Pk Area (A-s): 0.243
Concentration (ug/L ): 48.7

Peak Area (A-s): 0.244 Peak Height (A): 0.534
Background Pk Area (A-s): 0.048 Background Pk Height (A): 0.124

Blank Corrected Pk Area (A-s): 0.239
Concentration (ug/L ): 47.9 48 ICV-4 (46)

Mean Conc (ug/L ): 48.3 SD: 0.58 RSD(%): 1.2

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Sample ID: 7 Sequence No.: 00010 Sampler Position: 7

Peak Area (A-s): 0.017 Peak Height (A): 0.032
Background Pk Area (A-s): -0.001 Background Pk Height (A): 0.010
Blank Corrected Pk Area (A-s): 0.011
Concentration (ug/L ): 2.3

Peak Area (A-s): 0.016 Peak Height (A): 0.029
Background Pk Area (A-s): -0.001 Background Pk Height (A): 0.012
Blank Corrected Pk Area (A-s): 0.010
Concentration (ug/L ): 2.0 &lt;3 089

Mean Conc (ug/L ): 2.1 SD: 0.17 RSD(%): 7.9

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Sample ID: 8 Sequence No.: 00011 Sampler Position: 8

Peak Area (A-s): 0.123 Peak Height (A): 0.233
Background Pk Area (A-s): 0.020 Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.117
Concentration (ug/L ): 23.5

Peak Area (A-s): 0.124 Peak Height (A): 0.231
Background Pk Area (A-s): 0.019 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.118
Concentration (ug/L ): 23.7 108% 089+20

Mean Conc (ug/L ): 23.6 SD: 0.10 RSD(%): 0.4

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Sample ID: 9 Sequence No.: 00012 Sampler Position: 9

Peak Area (A-s): 0.049 Peak Height (A): 0.092
Background Pk Area (A-s): 0.003 Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): 0.043
Concentration (ug/L ): 8.6

Peak Area (A-s): 0.047 Peak Height (A): 0.091
Background Pk Area (A-s): 0.005 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): 0.041
Concentration (ug/L ): 8.3 8 097

Mean Conc (ug/L ): 8.4 SD: 0.19 RSD(%): 2.2

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Sample ID: 10 Sequence No.: 00013 Sampler Position: 10

Peak Area (A-s): 0.147 Peak Height (A): 0.284
Background Pk Area (A-s): 0.027 Background Pk Height (A): 0.064
Blank Corrected Pk Area (A-s): 0.141
Concentration (ug/L ): 28.3

Peak Area (A-s): 0.146 Peak Height (A): 0.282

Background Pk Area (A-s): 0.027 Background Pk Height (A): 0.064
Blank Corrected Pk Area (A-s): 0.140
Concentration (ug/L ): 28.1 99% 097+20

Mean Conc (ug/L ): 28.2 SD: 0.16 RSD(%): 0.5

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Sample ID: 11 Sequence No.: 00014 Sampler Position: 11

Peak Area (A-s): 0.037 Peak Height (A): 0.073
Background Pk Area (A-s): 0.001 Background Pk Height (A): 0.017
Blank Corrected Pk Area (A-s): 0.031
Concentration (ug/L ): 6.3

Peak Area (A-s): 0.036 Peak Height (A): 0.069
Background Pk Area (A-s): 0.002 Background Pk Height (A): 0.016
Blank Corrected Pk Area (A-s): 0.030
Concentration (ug/L ): 6.1 6 112

Mean Conc (ug/L ): 6.2 SD: 0.16 RSD(%): 2.5

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Sample ID: 12 Sequence No.: 00015 Sampler Position: 12

Peak Area (A-s): 0.142 Peak Height (A): 0.268
Background Pk Area (A-s): 0.023 Background Pk Height (A): 0.060
Blank Corrected Pk Area (A-s): 0.136
Concentration (ug/L ): 27.4

Peak Area (A-s): 0.142 Peak Height (A): 0.250
Background Pk Area (A-s): 0.025 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.137
Concentration (ug/L ): 27.4 106% 112+20

Mean Conc (ug/L ): 27.4 SD: 0.02 RSD(%): 0.1

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Sample ID: 13 Sequence No.: 00016 Sampler Position: 13

Peak Area (A-s): 0.017 Peak Height (A): 0.035
Background Pk Area (A-s): -0.001 Background Pk Height (A): 0.008
Blank Corrected Pk Area (A-s): 0.011
Concentration (ug/L ): 2.3

Peak Area (A-s): 0.016 Peak Height (A): 0.034
Background Pk Area (A-s): -0.001 Background Pk Height (A): 0.008
Blank Corrected Pk Area (A-s): 0.010
Concentration (ug/L ): 2.0 &lt;3 113

Mean Conc (ug/L ): 2.1 SD: 0.23 RSD(%): 11.0

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Sample ID: 14 Sequence No.: 00017 Sampler Position: 14

Peak Area (A-s): 0.123 Peak Height (A): 0.236
Background Pk Area (A-s): 0.021 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.117
Concentration (ug/L ): 23.5

Peak Area (A-s): 0.124 Peak Height (A): 0.241
Background Pk Area (A-s): 0.021 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.118
Concentration (ug/L ): 23.8 108% 113+20

Mean Conc (ug/L ): 23.6 SD: 0.22 RSD(%): 0.9

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Sample ID: 15 Sequence No.: 00018 Sampler Position: 15

Peak Area (A-s): 0.017 Peak Height (A): 0.033
Background Pk Area (A-s): -0.004 Background Pk Height (A): 0.009
Blank Corrected Pk Area (A-s): 0.011
Concentration (ug/L ): 2.2

Peak Area (A-s): 0.018 Peak Height (A): 0.036
Background Pk Area (A-s): -0.004 Background Pk Height (A): 0.008
Blank Corrected Pk Area (A-s): 0.012
Concentration (ug/L ): 2.4 &lt;3 662

Mean Conc (ug/L ): 2.3 SD: 0.18 RSD(%): 7.6

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Sample ID: 16 Sequence No.: 00019 Sampler Position: 16

Peak Area (A-s): 0.124 Peak Height (A): 0.239
Background Pk Area (A-s): 0.022 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.118
Concentration (ug/L ): 23.7

Peak Area (A-s): 0.124 Peak Height (A): 0.240
Background Pk Area (A-s): 0.023 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.118
Concentration (ug/L ): 23.8 107% 662+20

Mean Conc (ug/L ): 23.7 SD: 0.04 RSD(%): 0.1

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Sample ID: 17 Sequence No.: 00020 Sampler Position: 17

Peak Area (A-s): 0.004 Peak Height (A): 0.008
Background Pk Area (A-s): -0.008 Background Pk Height (A): 0.006
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L ): -0.5

Peak Area (A-s): 0.003 Peak Height (A): 0.010
Background Pk Area (A-s): -0.009 Background Pk Height (A): 0.005
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L ): -0.5 &lt;3 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): -0.5 SD: 0.02 RSD(%): 4.7

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Sample ID: 18 Sequence No.: 00021 Sampler Position: 18

Peak Area (A-s): 0.182 Peak Height (A): 0.415
Background Pk Area (A-s): 0.032 Background Pk Height (A): 0.093
Blank Corrected Pk Area (A-s): 0.176
Concentration (ug/L ): 35.4

Peak Area (A-s): 0.181 | Peak Height (A): 0.424
Background Pk Area (A-s): 0.031 | Background Pk Height (A): 0.093
Blank Corrected Pk Area (A-s): 0.175
Concentration (ug/L ): 35.1 35 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 35.3 SD: 0.16 RSD(%): 0.4

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Sample ID: 19 Sequence No.: 00022 Sampler Position: 19

Peak Area (A-s): 0.015 | Peak Height (A): 0.028
Background Pk Area (A-s): -0.003 | Background Pk Height (A): 0.008
Blank Corrected Pk Area (A-s): 0.010
Concentration (ug/L ): 1.9

Peak Area (A-s): 0.013 | Peak Height (A): 0.027
Background Pk Area (A-s): -0.003 | Background Pk Height (A): 0.009
Blank Corrected Pk Area (A-s): 0.007
Concentration (ug/L ): 1.5 <3 670

Mean Conc (ug/L ): 1.7 SD: 0.31 RSD(%): 18.6

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Sample ID: 20 Sequence No.: 00023 Sampler Position: 20

Peak Area (A-s): 0.124 | Peak Height (A): 0.244
Background Pk Area (A-s): 0.020 | Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.118
Concentration (ug/L ): 23.7

Peak Area (A-s): 0.125 | Peak Height (A): 0.241
Background Pk Area (A-s): 0.020 | Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.119
Concentration (ug/L ): 23.8 110% 670+20

Mean Conc (ug/L ): 23.7 SD: 0.11 RSD(%): 0.5

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Sample ID: 21 Sequence No.: 00024 Sampler Position: 21

Peak Area (A-s): 0.008 | Peak Height (A): 0.019
Background Pk Area (A-s): -0.003 | Background Pk Height (A): 0.008
Blank Corrected Pk Area (A-s): 0.002
Concentration (ug/L ): 0.5

Peak Area (A-s): 0.009 | Peak Height (A): 0.018
Background Pk Area (A-s): -0.004 | Background Pk Height (A): 0.008
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L ): 0.6 <3 679

Mean Conc (ug/L ): 0.5 SD: 0.05 RSD(%): 10.1

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Sample ID: 22 Sequence No.: 00025 Sampler Position: 22

Peak Area (A-s): 0.122 | Peak Height (A): 0.236
Background Pk Area (A-s): 0.018 | Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.116

Concentration (ug/L ): 23.2

Peak Area (A-s): 0.120 | Peak Height (A): 0.237
Background Pk Area (A-s): 0.021 | Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.114
Concentration (ug/L ): 23.0    115%    679+20

Mean Conc (ug/L ): 23.1    SD: 0.18    RSD(%): 0.8

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Sample ID: 23    Sequence No.: 00026    Sampler Position: 23

Peak Area (A-s): 0.007 | Peak Height (A): 0.013
Background Pk Area (A-s): -0.007 | Background Pk Height (A): 0.007
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L ): 0.2    Group 5

Peak Area (A-s): 0.006 | Peak Height (A): 0.013
Background Pk Area (A-s): -0.008 | Background Pk Height (A): 0.008
Blank Corrected Pk Area (A-s): -0.000
Concentration (ug/L ): -0.0    &lt;3    RGT Blk 1

Mean Conc (ug/L ): 0.1    SD: 0.18    RSD(%): 164.3

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Sample ID: 24    Sequence No.: 00027    Sampler Position: 24

Peak Area (A-s): 0.006 | Peak Height (A): 0.012
Background Pk Area (A-s): -0.008 | Background Pk Height (A): 0.007
Blank Corrected Pk Area (A-s): -0.000
Concentration (ug/L ): -0.0

Peak Area (A-s): 0.007 | Peak Height (A): 0.009
Background Pk Area (A-s): -0.009 | Background Pk Height (A): 0.010
Blank Corrected Pk Area (A-s): 0.001    <3
Concentration (ug/L ): 0.2    RGT Blk 2

Mean Conc (ug/L ): 0.1    SD: 0.15    RSD(%): 252.2

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Sample ID: 25    Sequence No.: 00028    Sampler Position: 25

Peak Area (A-s): 0.009 | Peak Height (A): 0.019
Background Pk Area (A-s): -0.004 | Background Pk Height (A): 0.009
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L ): 0.6

Peak Area (A-s): 0.010 | Peak Height (A): 0.020
Background Pk Area (A-s): -0.005 | Background Pk Height (A): 0.009
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L ): 0.9    &lt;3    BlkQ1

Mean Conc (ug/L ): 0.8    SD: 0.20    RSD(%): 26.4

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Sample ID: 26    Sequence No.: 00029    Sampler Position: 26

Peak Area (A-s): 0.009 | Peak Height (A): 0.018
Background Pk Area (A-s): -0.003 | Background Pk Height (A): 0.010

Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L ): 0.7

Peak Area (A-s): 0.010 Peak Height (A): 0.018
Background Pk Area (A-s): -0.005 Background Pk Height (A): 0.010
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L ): 0.9 <3 BlkQ2

Mean Conc (ug/L ): 0.8 SD: 0.16 RSD(%): 20.6

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Sample ID: 27 Sequence No.: 00030 Sampler Position: 27

Peak Area (A-s): 0.068 Peak Height (A): 0.131
Background Pk Area (A-s): 0.010 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.062
Concentration (ug/L ): 12.5

Peak Area (A-s): 0.069 Peak Height (A): 0.129
Background Pk Area (A-s): 0.011 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.063
Concentration (ug/L ): 12.6 13 409

Mean Conc (ug/L ): 12.5 SD: 0.11 RSD(%): 0.9

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Sample ID: 28 Sequence No.: 00031 Sampler Position: 28

Peak Area (A-s): 0.175 Peak Height (A): 0.339
Background Pk Area (A-s): 0.033 Background Pk Height (A): 0.078
Blank Corrected Pk Area (A-s): 0.169
Concentration (ug/L ): 34.0

Peak Area (A-s): 0.175 Peak Height (A): 0.343
Background Pk Area (A-s): 0.032 Background Pk Height (A): 0.077
Blank Corrected Pk Area (A-s): 0.169
Concentration (ug/L ): 33.9 108% 409+20

Mean Conc (ug/L ): 34.0 SD: 0.04 RSD(%): 0.1

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Sample ID: 29 Sequence No.: 00032 Sampler Position: 29

Peak Area (A-s): 0.003 Peak Height (A): 0.010
Background Pk Area (A-s): -0.005 Background Pk Height (A): 0.006
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L ): -0.6

Peak Area (A-s): 0.004 Peak Height (A): 0.008
Background Pk Area (A-s): -0.005 Background Pk Height (A): 0.008
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L ): -0.5 <3 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): -0.5 SD: 0.07 RSD(%): 13.7

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Sample ID: 30 Sequence No.: 00033 Sampler Position: 30

Peak Area (A-s): 0.181 Peak Height (A): 0.414

Background Pk Area (A-s): 0.032 Background Pk Height (A): 0.095
Blank Corrected Pk Area (A-s): 0.175
Concentration (ug/L ): 35.2

Peak Area (A-s): 0.184 Peak Height (A): 0.406
Background Pk Area (A-s): 0.032 Background Pk Height (A): 0.092
Blank Corrected Pk Area (A-s): 0.178
Concentration (ug/L ): 35.8 36 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 35.5 SD: 0.41 RSD(%): 1.1

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Sample ID: 31 Sequence No.: 00034 Sampler Position: 31

Peak Area (A-s): 0.021 Peak Height (A): 0.041
Background Pk Area (A-s): -0.002 Background Pk Height (A): 0.009
Blank Corrected Pk Area (A-s): 0.015
Concentration (ug/L ): 3.1

Peak Area (A-s): 0.019 Peak Height (A): 0.038
Background Pk Area (A-s): -0.001 Background Pk Height (A): 0.010
Blank Corrected Pk Area (A-s): 0.013
Concentration (ug/L ): 2.6 &lt;3 871

Mean Conc (ug/L ): 2.8 SD: 0.32 RSD(%): 11.3

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Sample ID: 32 Sequence No.: 00035 Sampler Position: 32

Peak Area (A-s): 0.130 Peak Height (A): 0.263
Background Pk Area (A-s): 0.021 Background Pk Height (A): 0.058
Blank Corrected Pk Area (A-s): 0.124
Concentration (ug/L ): 25.0

Peak Area (A-s): 0.129 Peak Height (A): 0.263
Background Pk Area (A-s): 0.024 Background Pk Height (A): 0.060
Blank Corrected Pk Area (A-s): 0.124
Concentration (ug/L ): 24.8 111% 871+20

Mean Conc (ug/L ): 24.9 SD: 0.13 RSD(%): 0.5

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Sample ID: 33 Sequence No.: 00036 Sampler Position: 33

Peak Area (A-s): 0.003 Peak Height (A): 0.008
Background Pk Area (A-s): -0.007 Background Pk Height (A): 0.006
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L ): -0.5

Peak Area (A-s): 0.003 Peak Height (A): 0.008
Background Pk Area (A-s): -0.007 Background Pk Height (A): 0.006
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L ): -0.6 &lt;3 Cont. Cal. Blk. (0)

Mean Conc (ug/L ): -0.5 SD: 0.04 RSD(%): 7.2

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Sample ID: 34 Sequence No.: 00037 Sampler Position: 34

Peak Area (A-s): 0.182
Background Pk Area (A-s): 0.034
Blank Corrected Pk Area (A-s): 0.176
Concentration (ug/L ): 35.4

Peak Height (A): 0.410
Background Pk Height (A): 0.093

Peak Area (A-s): 0.183
Background Pk Area (A-s): 0.031
Blank Corrected Pk Area (A-s): 0.177
Concentration (ug/L ): 35.6

Peak Height (A): 0.412
Background Pk Height (A): 0.093

36 Cont. Cal. Std. (35)

Mean Conc (ug/L ): 35.5 SD: 0.15 RSD(%): 0.4

SE SR16122 group 5 12-01-87

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.128 | 0.022 | 0.132 |
| PEAK AREA (ABS-SECONDS) | 0.149 | 0.010 | 0.140 |

READ: 0.010

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.043 | 0.022 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.082 | 0.004 | 0.078 |

READ: 0.004

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MEAN= 0.007 STD.DEV.= COEF.VAR.= 60.07 %

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0.000 AUTOZERO

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SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.248 | 0.198 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.115 | 0.067 | 0.048 |

READ: 0.060

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.235 | 0.187 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.108 | 0.059 | 0.049 |

READ: 0.053

---

MEAN= 0.056 STD.DEV.= COEF.VAR.= 9.47 %

**********

20.0 STANDARD 1

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.356 | 0.288 | 0.068 |
| PEAK AREA (ABS-SECONDS) | 0.155 | 0.106 | 0.049 |

READ: 35.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.412 | 0.340 | 0.080 |
| PEAK AREA (ABS-SECONDS) | 0.159 | 0.106 | 0.052 |

READ: 35.3

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MEAN= 35.3 STD.DEV.= COEF.VAR.= 0.06 %

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35.3

E-50: READING GREATER THAN HIGHEST STANDARD

**********

35.0 STANDARD 2

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.631 | 0.519 | 0.112 |
| PEAK AREA (ABS-SECONDS) | 0.213 | 0.153 | 0.060 |

READ: 50.9

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(CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.622 | 0.507 | 0.116 |
| PEAK AREA (ABS-SECONDS) | 0.213 | 0.147 | 0.067 |

READ: 48.8

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MEAN= 49.8 STD.DEV.= COEF.VAR.= 2.84 %

**********

49.8

E-50: READING GREATER THAN HIGHEST STANDARD

**********

50.0 STANDARD 3

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.135 | 0.032 | 0.126 |
| PEAK AREA (ABS-SECONDS) | 0.230 | 0.006 | 0.224 |

READ: -0.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.042 | 0.023 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.051 | 0.007 | 0.043 |

READ: 0.3 <3 Cont. Cal. Blk. (0)

---

MEAN= 0.0 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.497 | 0.407 | 0.092 |
| PEAK AREA (ABS-SECONDS) | 0.181 | 0.123 | 0.058 |

READ: 40.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.540 | 0.440 | 0.104 |
| PEAK AREA (ABS-SECONDS) | 0.197 | 0.139 | 0.058 |

READ: 46.2 44 ICV-2 (43)

---

MEAN= 43.5 STD.DEV.= COEF.VAR.= 8.78 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.031 | 0.015 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.043 | 0.006 | 0.038 |

READ: -0.4

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.038 | 0.018 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.037 | 0.004 | 0.033 |

READ: -0.9 <3 RGT Blk 1

---

MEAN= -0.6 STD.DEV.= COEF.VAR.= 58.89 %

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SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.086 | 0.016 | 0.077 |
| PEAK AREA (ABS-SECONDS) | 0.142 | 0.006 | 0.136 |

READ: -0.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.067 | 0.015 | 0.064 |
| PEAK AREA (ABS-SECONDS) | 0.157 | 0.000 | 0.157 |

READ: -2.5 <3 RGT Blk 2

---

MEAN= -1.4 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.038 | 0.014 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.073 | 0.005 | 0.067 |

READ: -0.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.094 | 0.019 | 0.089 |
| PEAK AREA (ABS-SECONDS) | 0.166 | 0.008 | 0.158 |

READ: 0.5 <3 BlkQ1

---

MEAN= 0.0 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.180 | 0.022 | 0.169 |
| PEAK AREA (ABS-SECONDS) | 0.425 | 0.014 | 0.411 |

READ: 2.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.045 | 0.016 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0.085 | 0.003 | 0.083 |

READ: -1.5 <3 BlkQ2

---

MEAN= 0.6 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.048 | 0.016 | 0.039 |
| PEAK AREA (ABS-SECONDS) | 0.097 | 0.004 | 0.093 |

READ: -1.0



---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.101 | 0.019 | 0.097 |
| PEAK AREA (ABS-SECONDS) | 0.228 | 0.017 | 0.211 |

READ: 3.7

PEAK AREA (ABS-SECONDS) 0.349 0.081 0.218

SP

Poor Reproducibility

READ: 8.7

MEAN= 11.1 STD.DEV.= COEF.VAR.= 29.53 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.338 | 0.256 | 0.085 |
| PEAK AREA (ABS-SECONDS) | 0.210 | 0.081 | 0.130 |

READ: 26.2

SP

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.344 | 0.259 | 0.086 |
| PEAK AREA (ABS-SECONDS) | 0.222 | 0.082 | 0.140 |

READ: 26.6

MEAN= 26.4 STD.DEV.= COEF.VAR.= 1.24 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.048 | 0.016 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.104 | 0.002 | 0.102 |

READ: -1.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.044 | 0.018 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.087 | 0.014 | 0.074 |

READ: 2.4 <3 Cont. Cal. Blk. (0)

MEAN= 0.4 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.450 | 0.360 | 0.097 |
| PEAK AREA (ABS-SECONDS) | 0.194 | 0.099 | 0.095 |

READ: 32.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.456 | 0.361 | 0.096 |
| PEAK AREA (ABS-SECONDS) | 0.187 | 0.097 | 0.089 |

READ: 31.9 32 Cont. Cal. Std. (35)

MEAN= 32.2 STD.DEV.= COEF.VAR.= 1.40 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.247 | 0.059 | 0.244 |
| PEAK AREA (ABS-SECONDS) | 0.652 | 0.024 | 0.628 |

SP recalibrate!

READ: 6.1

SR16122
Group 5

12-2-87

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.034 | 0.017 | 0.035 |
| PEAK AREA (ABS-SECONDS) | 0.051 | 0.012 | 0.039 |

READ: 0.007

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.013 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.045 | 0.004 | 0.040 |

READ: -0.001

---

MEAN= 0.003 STD.DEV.= COEF.VAR.= 99.99 %

**********

0.000 AUTOZERO

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.174 | 0.140 | 0.051 |
| PEAK AREA (ABS-SECONDS) | 0.108 | 0.057 | 0.046 |

READ: 0.049

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.184 | 0.142 | 0.047 |
| PEAK AREA (ABS-SECONDS) | 0.109 | 0.058 | 0.051 |

READ: 0.050

---

MEAN= 0.049 STD.DEV.= COEF.VAR.= 1.52 %

**********

20.0 STANDARD 1

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.307 | 0.257 | 0.061 |
| PEAK AREA (ABS-SECONDS) | 0.158 | 0.096 | 0.057 |

READ: 36.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.304 | 0.256 | 0.061 |
| PEAK AREA (ABS-SECONDS) | 0.145 | 0.099 | 0.046 |

READ: 37.1

---

MEAN= 36.5 STD.DEV.= COEF.VAR.= 2.26 %

**********

36.5

E-50: READING GREATER THAN HIGHEST STANDARD

**********

35.0 STANDARD 2

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.430 | 0.357 | 0.081 |
| PEAK AREA (ABS-SECONDS) | 0.197 | 0.136 | 0.060 |

```
READ:        48.1
-----------------------------------------------------------------------------------
                                          AA            ZAA            BG
PEAK HEIGHT (ABSORBANCE)                0.420          0.350          0.079
PEAK AREA (ABS-SECONDS)                 0.189          0.136          0.053

READ:        47.8
-----------------------------------------------------------------------------------
MEAN=       48.0     STD.DEV.=                COEF.VAR.=  0.36  %
***********************************************************************************
    48.0
          E-50: READING GREATER THAN HIGHEST STANDARD
***********************************************************************************
    49.9          STANDARD    3
***********************************************************************************
```

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.032 | 0.016 | 0.032 |
| PEAK AREA (ABS-SECONDS) | 0.050 | 0.004 | 0.046 |

READ: -1.7

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.036 | 0.020 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.044 | 0.013 | 0.031 |

READ: 1.9 <3 Cont. Cal. Blk. (0)

MEAN= 0.1 STD.DEV.= COEF.VAR.= 99.99 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.395 | 0.333 | 0.080 |
| PEAK AREA (ABS-SECONDS) | 0.180 | 0.126 | 0.055 |

READ: 45.9

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.358 | 0.305 | 0.069 |
| PEAK AREA (ABS-SECONDS) | 0.165 | 0.116 | 0.049 |

READ: 42.4 44 ICV-2 (43)

MEAN= 44.1 STD.DEV.= COEF.VAR.= 5.49 %

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.133 | 0.070 | 0.102 |
| PEAK AREA (ABS-SECONDS) | 0.127 | 0.035 | 0.092 |

READ: 10.7

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.155 | 0.120 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.108 | 0.048 | 0.060 |

READ: 15.8 13 412

MEAN= 13.2 STD.DEV.= COEF.VAR.= 26.69 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.332 | 0.269 | 0.064 |
| PEAK AREA (ABS-SECONDS) | 0.161 | 0.090 | 0.071 |

READ: 32.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.322 | 0.258 | 0.070 |
| PEAK AREA (ABS-SECONDS) | 0.162 | 0.087 | 0.075 |

READ: 31.3 94% 412+20

MEAN= 31.9 STD.DEV.= COEF.VAR.= 2.75 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.141 | 0.101 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.101 | 0.040 | 0.061 |

READ: 12.9

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.140 | 0.102 | 0.047 |
| PEAK AREA (ABS-SECONDS) | 0.103 | 0.036 | 0.066 |

READ: 11.4 12 413

MEAN= 12.1 STD.DEV.= COEF.VAR.= 8.79 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.312 | 0.251 | 0.065 |
| PEAK AREA (ABS-SECONDS) | 0.155 | 0.088 | 0.067 |

READ: 31.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.318 | 0.257 | 0.065 |
| PEAK AREA (ABS-SECONDS) | 0.148 | 0.090 | 0.058 |

READ: 32.5 100% 413+20

MEAN= 32.0 STD.DEV.= COEF.VAR.= 2.15 % 120

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.176 | 0.143 | 0.041 |
| PEAK AREA (ABS-SECONDS) | 0.112 | 0.054 | 0.058 |

READ: 18.4

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.164 | 0.128 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.112 | 0.049 | 0.063 |

READ: 16.3 17 414

---

MEAN= 17.4 STD.DEV.= COEF.VAR.= 8.50 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.375 | 0.301 | 0.074 |
| PEAK AREA (ABS-SECONDS) | 0.177 | 0.100 | 0.078 |

READ: 36.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.356 | 0.293 | 0.068 |
| PEAK AREA (ABS-SECONDS) | 0.170 | 0.104 | 0.067 |

READ: 37.6 97% 414+20

---

MEAN= 36.8 STD.DEV.= COEF.VAR.= 2.72 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.180 | 0.139 | 0.047 |
| PEAK AREA (ABS-SECONDS) | 0.105 | 0.049 | 0.056 |

READ: 16.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.170 | 0.131 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.092 | 0.053 | 0.040 |

READ: 17.8 415 Sf

---

MEAN= 17.0 STD.DEV.= COEF.VAR.= 6.41 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.317 | 0.257 | 0.066 |
| PEAK AREA (ABS-SECONDS) | 0.156 | 0.087 | 0.069 |

READ: 31.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.311 | 0.247 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.160 | 0.089 | 0.072 |

READ: 31.9

---

MEAN= 31.6 STD.DEV.= COEF.VAR.= 1.22 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|

Sf

See dilution RR (Wrong Sample)

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.058 | 0.036 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.068 | 0.015 | 0.053 |

READ: 2.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.072 | 0.046 | 0.034 |
| PEAK AREA (ABS-SECONDS) | 0.070 | 0.019 | 0.051 |

READ: 4.3 416

---

MEAN= 3.5 STD.DEV.= COEF.VAR.= 33.12 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.196 | 0.182 | 0.017 |
| PEAK AREA (ABS-SECONDS) | -0.038 | 0.078 | -0.117 |

READ: 27.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.224 | 0.176 | 0.056 |
| PEAK AREA (ABS-SECONDS) | 0.119 | 0.066 | 0.052 |

READ: 23.2 110% 416+20

---

MEAN= 25.5 STD.DEV.= COEF.VAR.= 12.51 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.035 | 0.016 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.044 | 0.014 | 0.031 |

READ: 2.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.040 | 0.014 | 0.031 |
| PEAK AREA (ABS-SECONDS) | 0.046 | 0.007 | 0.039 |

READ: -0.4 <3 Cont. Cal. Blk. (0)

---

MEAN= 0.9 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.312 | 0.253 | 0.063 |
| PEAK AREA (ABS-SECONDS) | 0.148 | 0.097 | 0.051 |

READ: 35.1 122

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.324 | 0.269 | 0.066 |
| PEAK AREA (ABS-SECONDS) | 0.146 | 0.100 | 0.046 |

READ: 36.4 36 Cont. Cal. Std. (35)

---

MEAN= 35.8 STD.DEV.= COEF.VAR.= 2.38 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.063 | 0.040 | 0.034 |
| PEAK AREA (ABS-SECONDS) | 0.073 | 0.027 | 0.046 |

READ: 7.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.057 | 0.034 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.061 | 0.018 | 0.043 |

READ: 4.0 6 417

---

MEAN= 5.9 STD.DEV.= COEF.VAR.= 45.41 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.236 | 0.186 | 0.053 |
| PEAK AREA (ABS-SECONDS) | 0.130 | 0.073 | 0.057 |

READ: 25.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.227 | 0.176 | 0.057 |
| PEAK AREA (ABS-SECONDS) | 0.130 | 0.068 | 0.063 |

READ: 23.8 95% 417+20

---

MEAN= 24.8 STD.DEV.= COEF.VAR.= 5.83 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.081 | 0.062 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.070 | 0.024 | 0.046 |

READ: 6.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.079 | 0.053 | 0.035 |
| PEAK AREA (ABS-SECONDS) | 0.080 | 0.025 | 0.056 |

READ: 6.7 7 866A

---

MEAN= 6.6 STD.DEV.= COEF.VAR.= 2.39 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.243 | 0.196 | 0.051 |
| PEAK AREA (ABS-SECONDS) | 0.118 | 0.078 | 0.040 |

READ: 27.7



---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.238 | 0.191 | 0.055 |
| PEAK AREA (ABS-SECONDS) | 0.125 | 0.076 | 0.050 |

READ: 26.9

104% 866A+20

---

MEAN= 27.3 STD.DEV.= COEF.VAR.= 1.96 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.075 | 0.056 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.049 | 0.018 | 0.051 |

SF

READ: 4.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.080 | 0.048 | 0.034 |
| PEAK AREA (ABS-SECONDS) | 0.071 | 0.022 | 0.049 |

READ: 5.4

---

MEAN= 4.7 STD.DEV.= COEF.VAR.= 21.63 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.237 | 0.196 | 0.049 |
| PEAK AREA (ABS-SECONDS) | 0.124 | 0.081 | 0.043 |

READ: 28.7

---

SF suspect contamination RR.

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.244 | 0.199 | 0.058 |
| PEAK AREA (ABS-SECONDS) | 0.136 | 0.081 | 0.055 |

READ: 28.8

---

MEAN= 28.8 STD.DEV.= COEF.VAR.= 0.22 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.078 | 0.049 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.064 | 0.024 | 0.039 |

READ: 6.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.068 | 0.049 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.057 | 0.024 | 0.033 |

READ: 6.3 → 6 867

---

MEAN= 6.4 STD.DEV.= COEF.VAR.= 1.59 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.234 | 0.182 | 0.060 |
| PEAK AREA (ABS-SECONDS) | 0.129 | 0.073 | 0.056 |

READ: 26.0



---

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.242 | 0.194 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.137 | 0.073 | 0.064 |

READ: 25.7 97% 867+20

MEAN= 25.8 STD.DEV.= COEF.VAR.= 0.76 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.078 | 0.053 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.068 | 0.031 | 0.037 |

READ: 9.1

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.084 | 0.055 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.083 | 0.033 | 0.050 |

READ: 10.1 10 868

MEAN= 9.6 STD.DEV.= COEF.VAR.= 7.17 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.256 | 0.202 | 0.056 |
| PEAK AREA (ABS-SECONDS) | 0.136 | 0.078 | 0.058 |

READ: 27.7

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.245 | 0.201 | 0.060 |
| PEAK AREA (ABS-SECONDS) | 0.129 | 0.077 | 0.052 |

READ: 27.4 90% 868+20

MEAN= 27.5 STD.DEV.= COEF.VAR.= 0.75 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.035 | 0.016 | 0.031 |
| PEAK AREA (ABS-SECONDS) | 0.043 | 0.011 | 0.033 |

READ: 1.0

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.040 | 0.015 | 0.033 |
| PEAK AREA (ABS-SECONDS) | 0.064 | 0.013 | 0.052 |

READ: 1.7 <3 Cont. Cal. Blk. (0)

MEAN= 1.4 STD.DEV.= COEF.VAR.= 37.23 % 125

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.314 | 0.262 | 0.060 |
| PEAK AREA (ABS-SECONDS) | 0.158 | 0.099 | 0.059 |

READ: 35.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.312 | 0.259 | 0.059 |
| PEAK AREA (ABS-SECONDS) | 0.152 | 0.098 | 0.054 |

READ: 35.3 36 Cont. Cal. Std. (35)

---

MEAN= 35.5 STD.DEV.= COEF.VAR.= 0.69 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.079 | 0.059 | 0.034 |
| PEAK AREA (ABS-SECONDS) | 0.072 | 0.028 | 0.044 |

READ: 7.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.083 | 0.055 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.073 | 0.027 | 0.045 |

READ: 7.8

---

MEAN= 7.8 STD.DEV.= COEF.VAR.= 0.87 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.242 | 0.200 | 0.057 |
| PEAK AREA (ABS-SECONDS) | 0.127 | 0.076 | 0.051 |

READ: 26.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.243 | 0.196 | 0.058 |
| PEAK AREA (ABS-SECONDS) | 0.136 | 0.072 | 0.064 |

READ: 25.4

---

MEAN= 26.1 STD.DEV.= COEF.VAR.= 3.73 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.082 | 0.052 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.066 | 0.020 | 0.046 |

READ: 4.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.074 | 0.052 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0.073 | 0.029 | 0.044 |

READ: 8.5

---

MEAN= 6.7 STD.DEV.= COEF.VAR.= 37.96 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|

Sf Recalibrate!

SE SR16122 Group5&6 12-2-87

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.039 | 0.019 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.041 | 0.012 | 0.029 |

READ: 0.001

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.044 | 0.018 | 0.032 |
| PEAK AREA (ABS-SECONDS) | 0.041 | 0.009 | 0.032 |

READ: -0.002

---

MEAN= -0.001 STD.DEV.= COEF.VAR.= 99.99 %

**********

0.000 AUTOZERO

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.160 | 0.131 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.101 | 0.061 | 0.039 |

READ: 0.050

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.156 | 0.130 | 0.041 |
| PEAK AREA (ABS-SECONDS) | 0.098 | 0.060 | 0.038 |

READ: 0.049

---

MEAN= 0.050 STD.DEV.= COEF.VAR.= 1.71 %

**********

20.0 STANDARD 1

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.288 | 0.242 | 0.063 |
| PEAK AREA (ABS-SECONDS) | 0.155 | 0.099 | 0.056 |

READ: 35.4

---

(CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.278 | 0.232 | 0.057 |
| PEAK AREA (ABS-SECONDS) | 0.157 | 0.110 | 0.047 |

READ: 39.9

---

MEAN= 37.6 STD.DEV.= COEF.VAR.= 8.52 %

**********

37.6

E-50: READING GREATER THAN HIGHEST STANDARD

**********

35.0 STANDARD 2

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.397 | 0.330 | 0.080 |
| PEAK AREA (ABS-SECONDS) | 0.191 | 0.131 | 0.060 |

READ: 43.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.386 | 0.324 | 0.075 |
| PEAK AREA (ABS-SECONDS) | 0.189 | 0.140 | 0.049 |

READ: 45.7

---

MEAN= 44.3 STD.DEV.= COEF.VAR.= 3.21 %

**********

44.3

E-50: READING GREATER THAN HIGHEST STANDARD

**********

49.5 STANDARD 3

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.040 | 0.016 | 0.034 |
| PEAK AREA (ABS-SECONDS) | 0.052 | 0.006 | 0.046 |

READ: -1.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.036 | 0.023 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.042 | 0.013 | 0.029 |

READ: 0.7 <3 Cont. Cal. Blk. (0)

---

MEAN= -0.4 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.359 | 0.295 | 0.072 |
| PEAK AREA (ABS-SECONDS) | 0.188 | 0.129 | 0.059 |

READ: 46.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.358 | 0.298 | 0.070 |
| PEAK AREA (ABS-SECONDS) | 0.178 | 0.120 | 0.058 |

READ: 42.7 45 ICV-2 (43)

---

MEAN= 44.6 STD.DEV.= COEF.VAR.= 6.48 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.083 | 0.054 | 0.034 |
| PEAK AREA (ABS-SECONDS) | 0.068 | 0.032 | 0.036 |

READ: 8.0



---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.077 | 0.056 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.069 | 0.028 | 0.041 |

READ: 6.3

7 869

MEAN= 7.1 STD.DEV.= COEF.VAR.= 16.67 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.246 | 0.191 | 0.062 |
| PEAK AREA (ABS-SECONDS) | 0.134 | 0.078 | 0.056 |

READ: 25.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.245 | 0.196 | 0.059 |
| PEAK AREA (ABS-SECONDS) | 0.123 | 0.078 | 0.045 |

READ: 25.5 93% 869+20

MEAN= 25.6 STD.DEV.= COEF.VAR.= 0.05 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.076 | 0.058 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.067 | 0.026 | 0.041 |

READ: 5.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.078 | 0.056 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.073 | 0.032 | 0.041 |

READ: 7.7 7 870

MEAN= 6.6 STD.DEV.= COEF.VAR.= 23.10 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.248 | 0.191 | 0.058 |
| PEAK AREA (ABS-SECONDS) | 0.146 | 0.075 | 0.071 |

READ: 24.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.226 | 0.186 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.121 | 0.080 | 0.041 |

READ: 26.5 94% 870+20

MEAN= 25.4 STD.DEV.= COEF.VAR.= 6.37 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.071 | 0.020 | 0.059 |
| PEAK AREA (ABS-SECONDS) | 0.069 | 0.014 | 0.055 |

READ: 1.2



| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.042 | 0.017 | 0.033 |
| PEAK AREA (ABS-SECONDS) | 0.049 | 0.010 | 0.039 |

v3 <p/2 871 ~~410A/1~~

READ: -0.2

MEAN= 0.5 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.190 | 0.156 | 0.048 |
| PEAK AREA (ABS-SECONDS) | 0.103 | 0.060 | 0.043 |

READ: 18.7

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.198 | 0.169 | 0.049 |
| PEAK AREA (ABS-SECONDS) | 0.116 | 0.070 | 0.046 |

871+20 ~~410A+20/1~~

READ: 22.6 100%

MEAN= 20.6 STD.DEV.= COEF.VAR.= 14.04 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.093 | 0.069 | 0.039 |
| PEAK AREA (ABS-SECONDS) | 0.075 | 0.031 | 0.044 |

READ: 7.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.084 | 0.055 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.081 | 0.026 | 0.055 |

13 410A 1/2

READ: 5.5

MEAN= 6.5 STD.DEV.= COEF.VAR.= 22.47 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.231 | 0.187 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.137 | 0.079 | 0.058 |

READ: 25.9

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.236 | 0.186 | 0.060 |
| PEAK AREA (ABS-SECONDS) | 0.144 | 0.079 | 0.065 |

READ: 26.0 98% 410A+20

MEAN= 26.0 STD.DEV.= COEF.VAR.= 0.07 %

**********



SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.095 | 0.064 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.081 | 0.028 | 0.053 |

READ: 6.4

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.085 | 0.058 | 0.041 |
| PEAK AREA (ABS-SECONDS) | 0.074 | 0.029 | 0.045 |

READ: 6.8 13 410B 1/2

---

MEAN= 6.6 STD.DEV.= COEF.VAR.= 4.50 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.239 | 0.184 | 0.055 |
| PEAK AREA (ABS-SECONDS) | 0.139 | 0.080 | 0.060 |

READ: 26.4

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.245 | 0.191 | 0.059 |
| PEAK AREA (ABS-SECONDS) | 0.137 | 0.075 | 0.062 |

READ: 24.5 95% 410B+20

---

MEAN= 25.5 STD.DEV.= COEF.VAR.= 5.37 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.036 | 0.022 | 0.031 |
| PEAK AREA (ABS-SECONDS) | 0.044 | 0.008 | 0.036 |

READ: -1.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.034 | 0.018 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.045 | 0.002 | 0.043 |

READ: -3.1 <3 Cont. Cal. Blk. (0)

---

MEAN= -2.0 STD.DEV.= COEF.VAR.= 72.06 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.280 | 0.236 | 0.059 |
| PEAK AREA (ABS-SECONDS) | 0.145 | 0.105 | 0.040 |

READ: 36.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.300 | 0.252 | 0.061 |
| PEAK AREA (ABS-SECONDS) | 0.156 | 0.102 | 0.054 |

READ: 35.4 36 Cont. Cal. Std. (35)

---

MEAN= 36.1 STD.DEV.= COEF.VAR.= 2.77 %

**********



SE

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.133 | 0.110 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.086 | 0.046 | 0.040 |

READ: 13.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.134 | 0.096 | 0.049 |
| PEAK AREA (ABS-SECONDS) | 0.106 | 0.049 | 0.058 |

READ: 14.1 14 411

---

MEAN= 13.6 STD.DEV.= COEF.VAR.= 6.03 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.305 | 0.245 | 0.069 |
| PEAK AREA (ABS-SECONDS) | 0.158 | 0.098 | 0.060 |

READ: 33.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.320 | 0.262 | 0.061 |
| PEAK AREA (ABS-SECONDS) | 0.147 | 0.100 | 0.047 |

READ: 34.5 103% 411+20

---

MEAN= 34.2 STD.DEV.= COEF.VAR.= 1.59 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.084 | 0.060 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.072 | 0.032 | 0.040 |

READ: 7.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.076 | 0.053 | 0.039 |
| PEAK AREA (ABS-SECONDS) | 0.068 | 0.028 | 0.040 |

READ: 6.3 7 866B

---

MEAN= 7.1 STD.DEV.= COEF.VAR.= 14.97 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.242 | 0.194 | 0.055 |
| PEAK AREA (ABS-SECONDS) | 0.132 | 0.080 | 0.052 |

READ: 26.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.243 | 0.197 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.139 | 0.081 | 0.057 |

READ: 27.0 98% 866B+20

---

MEAN= 26.6 STD.DEV.= COEF.VAR.= 1.94 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.106 | 0.071 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0.083 | 0.034 | 0.049 |

READ: 8.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.094 | 0.065 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0.097 | 0.030 | 0.067 |

READ: 7.3 16 415 ½

---

MEAN= 8.0 STD.DEV.= COEF.VAR.= 13.10 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.245 | 0.200 | 0.058 |
| PEAK AREA (ABS-SECONDS) | 0.121 | 0.085 | 0.036 |

READ: 28.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.246 | 0.194 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.125 | 0.085 | 0.039 |

READ: 28.5 102% 415 +20

---

MEAN= 28.4 STD.DEV.= COEF.VAR.= 0.72 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.043 | 0.021 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.053 | 0.017 | 0.035 |

READ: 2.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.077 | 0.024 | 0.063 |
| PEAK AREA (ABS-SECONDS) | 0.065 | 0.007 | 0.058 |

READ: -1.2 <3 Group 6 RGT Blk 1

---

MEAN= 0.6 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.044 | 0.022 | 0.043 |
| PEAK AREA (ABS-SECONDS) | 0.054 | 0.016 | 0.037 |

READ: 2.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.041 | 0.022 | 0.043 |
| PEAK AREA (ABS-SECONDS) | 0.036 | 0.006 | 0.030 |

READ: -1.7 <3 RGT Blk 2

---

MEAN= 0.2 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.038 | 0.018 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.043 | 0.001 | 0.042 |

READ: -3.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.044 | 0.026 | 0.031 |
| PEAK AREA (ABS-SECONDS) | 0.028 | 0.007 | 0.021 |

READ: -1.4 <3 RGT Blk 3

---

MEAN= -2.5 STD.DEV.= COEF.VAR.= 60.64 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.040 | 0.016 | 0.032 |
| PEAK AREA (ABS-SECONDS) | 0.037 | 0.013 | 0.024 |

READ: 0.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.038 | 0.019 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.039 | 0.010 | 0.029 |

READ: -0.3 <3 RGTBlk4

---

MEAN= 0.3 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.035 | 0.020 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.035 | 0.010 | 0.025 |

READ: -0.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.036 | 0.022 | 0.039 |
| PEAK AREA (ABS-SECONDS) | 0.053 | 0.010 | 0.043 |

READ: -0.2 <3 Cont. Cal. Blk. (0)

---

MEAN= -0.2 STD.DEV.= COEF.VAR.= 44.33 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.283 | 0.239 | 0.060 |
| PEAK AREA (ABS-SECONDS) | 0.148 | 0.105 | 0.043 |

READ: 36.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.274 | 0.230 | 0.056 |
| PEAK AREA (ABS-SECONDS) | 0.144 | 0.098 | 0.046 |

READ: 33.9 35 Cont. Cal. Std. (35)



---

MEAN= 35.2 STD.DEV.= COEF.VAR.= 5.66 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.042 | 0.024 | 0.032 |
| PEAK AREA (ABS-SECONDS) | 0.043 | 0.009 | 0.034 |

READ: -0.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.043 | 0.019 | 0.032 |
| PEAK AREA (ABS-SECONDS) | 0.047 | 0.011 | 0.036 |

READ: 0.0 <3 RGTBlk4

---

MEAN= -0.3 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.037 | 0.018 | 0.033 |
| PEAK AREA (ABS-SECONDS) | 0.050 | 0.007 | 0.043 |

READ: -1.3

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.036 | 0.023 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.049 | 0.007 | 0.042 |

READ: -1.4 <3 BlkQ1

---

MEAN= -1.3 STD.DEV.= COEF.VAR.= 5.41 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.062 | 0.022 | 0.057 |
| PEAK AREA (ABS-SECONDS) | 0.059 | 0.016 | 0.044 |

READ: 1.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.045 | 0.022 | 0.035 |
| PEAK AREA (ABS-SECONDS) | 0.044 | 0.005 | 0.039 |

READ: -2.1 <3 BlkQ2

---

MEAN= -0.1 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.069 | 0.022 | 0.057 |
| PEAK AREA (ABS-SECONDS) | 0.060 | 0.006 | 0.054 |

READ: -1.8



---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.043 | 0.023 | 0.031 |
| PEAK AREA (ABS-SECONDS) | 0.057 | 0.015 | 0.042 |

READ: 1.7

<3 BlkQ3

---

MEAN= -0.1 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.063 | 0.023 | 0.062 |
| PEAK AREA (ABS-SECONDS) | 0.063 | 0.013 | 0.050 |

READ: 0.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.038 | 0.020 | 0.037 |
| PEAK AREA (ABS-SECONDS) | 0.056 | 0.016 | 0.040 |

READ: 1.9 <3 BlkQ4

---

MEAN= 1.4 STD.DEV.= COEF.VAR.= 49.87 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.039 | 0.020 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.057 | 0.002 | 0.055 |

READ: -3.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.036 | 0.022 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.039 | 0.009 | 0.030 |

READ: -0.6 <3 BlkQ5

---

MEAN= -1.9 STD.DEV.= COEF.VAR.= 92.45 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.034 | 0.018 | 0.034 |
| PEAK AREA (ABS-SECONDS) | 0.038 | 0.010 | 0.028 |

READ: -0.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.035 | 0.020 | 0.034 |
| PEAK AREA (ABS-SECONDS) | 0.050 | 0.007 | 0.043 |

READ: -1.4 <3 089

---

MEAN= -0.8 STD.DEV.= COEF.VAR.= 99.99 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.175 | 0.150 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.108 | 0.069 | 0.039 |

READ: 22.0



---

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.185 | 0.148 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.111 | 0.063 | 0.049 |

READ: 19.6 104% 089+20

MEAN= 20.8 STD.DEV.= COEF.VAR.= 8.64 %

**********

SE

Sf dilute 1/2

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.313 | 0.250 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.144 | 0.095 | 0.049 |

READ: 32.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.312 | 0.251 | 0.065 |
| PEAK AREA (ABS-SECONDS) | 0.154 | 0.097 | 0.057 |

READ: 33.3 090A

MEAN= 32.9 STD.DEV.= COEF.VAR.= 1.84 %

**********

SE

Sf

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.456 | 0.371 | 0.093 |
| PEAK AREA (ABS-SECONDS) | 0.212 | 0.146 | 0.065 |

READ: 54.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.472 | 0.392 | 0.092 |
| PEAK AREA (ABS-SECONDS) | 0.211 | 0.140 | 0.071 |

READ: 51.6

MEAN= 53.0 STD.DEV.= COEF.VAR.= 3.83 %

**********

53.0

E-50: READING GREATER THAN HIGHEST STANDARD

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.034 | 0.019 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.039 | 0.012 | 0.027 |

READ: 0.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.039 | 0.020 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0.058 | 0.014 | 0.044 |

READ: 1.2 <2 Cont. Cal. Blk (0)

MEAN= 0.9 STD.DEV.= COEF.VAR.= 47.69 %

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.280 | 0.239 | 0.062 |
| PEAK AREA (ABS-SECONDS) | 0.154 | 0.096 | 0.059 |
| READ: 32.8 | | | |

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.292 | 0.254 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.153 | 0.104 | 0.049 |
| READ: 36.0 | | | |

34 Cont. Cal. Std. (35)

MEAN= 34.4 STD.DEV.= COEF.VAR.= 6.98 %

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SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.022 | 0.021 | 0.011 |
| PEAK AREA (ABS-SECONDS) | 0.014 | 0.010 | 0.004 |
| READ: -0.4 | | | |

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.017 | 0.020 | 0.014 |
| PEAK AREA (ABS-SECONDS) | 0.006 | 0.003 | 0.013 |
| READ: -2.6 | | | |

MEAN= -1.5 STD.DEV.= COEF.VAR.= 99.99 %

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SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.016 | 0.017 | 0.013 |
| PEAK AREA (ABS-SECONDS) | 0.020 | 0.011 | 0.009 |
| READ: 0.2 | | | |

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.019 | 0.023 | 0.010 |
| PEAK AREA (ABS-SECONDS) | 0.017 | 0.010 | 0.007 |
| READ: -0.3 | | | |

MEAN= 0.0 STD.DEV.= COEF.VAR.= 99.99 %

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SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.017 | 0.018 | 0.014 |
| PEAK AREA (ABS-SECONDS) | 0.018 | 0.008 | 0.009 |
| READ: -0.9 | | | |

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.017 | 0.018 | 0.012 |
| PEAK AREA (ABS-SECONDS) | 0.012 | 0.009 | 0.002 |
| READ: -0.4 | | | |

MEAN= -0.7 STD.DEV.= COEF.VAR.= 46.00 %

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SE

| | AA | ZAA | BG |
|---|---|---|---|

SF no sample delivered sample rinsate bottle empty Recalibrate!

SF

SF