

Method Path : Z:\HPCHEM1\HPLC\_N\METHODS\  
 Method File : HN042914.M  
 Title :  
 Last Update : Wed Apr 30 06:50:10 2014  
 Response Via : Initial Calibration

## Calibration Files

20 =HN006002.D 100 =HN006001.D 500 =HN006000.D  
 1000 =HN005999.D 2000 =HN005998.D 5000 =HN005997.D

|       | Compound         | 20    | 100   | 500   | 1000  | 2000  | 5000  | Avg   |    | %RSD  |
|-------|------------------|-------|-------|-------|-------|-------|-------|-------|----|-------|
| 1) S  | 4-Nitroaniline   | 4.338 | 4.392 | 5.572 | 4.486 | 5.038 | 4.533 | 4.726 | E3 | 10.23 |
| 2) T  | HMX              |       | 5.553 | 4.329 | 5.020 | 4.622 | 4.286 | 4.762 | E3 | 11.14 |
| 3) T  | RDX              | 5.146 | 6.751 | 5.663 | 6.297 | 5.902 | 5.307 | 5.844 | E3 | 10.38 |
| 4) T  | 1,3,5-Trinitr... | 1.327 | 1.267 | 1.075 | 1.255 | 1.162 | 1.059 | 1.191 | E4 | 9.21  |
| 5) T  | 1,3-Dinitrobe... | 1.818 | 1.864 | 1.711 | 1.913 | 1.823 | 1.709 | 1.806 | E4 | 4.54  |
| 6) T  | 3,5-Dinitroan... | 1.224 | 1.275 | 1.513 | 1.193 | 1.444 | 1.329 | 1.330 | E4 | 9.49  |
| 7) T  | Nitrobenzene     | 0.914 | 1.203 | 1.046 | 1.155 | 1.124 | 1.051 | 1.082 | E4 | 9.43  |
| 8) T  | Tetryl           | 7.912 | 8.240 | 7.212 | 7.633 | 7.074 | 5.722 | 7.299 | E3 | 12.13 |
| 9) T  | 2,4,6-Trinitr... | 1.240 | 1.294 | 1.089 | 1.249 | 1.172 | 1.127 | 1.195 | E4 | 6.59  |
| 10) T | 2-Amino-4,6-d... | 1.279 | 1.334 | 1.111 | 1.311 | 1.243 | 1.279 | 1.260 | E4 | 6.28  |
| 11) T | 4-Amino-2,6-d... | 7.841 | 8.003 | 7.017 | 7.369 | 7.430 | 5.434 | 7.182 | E3 | 12.89 |
| 12) T | 2,4-Dinitroto... | 1.884 | 1.964 | 1.580 | 1.811 | 1.707 | 1.632 | 1.763 | E4 | 8.46  |
| 13) T | 2,6-Dinitroto... | 9.399 | 9.452 | 8.507 | 8.947 | 9.053 | 8.056 | 8.902 | E3 | 6.04  |
| 14) T | 2-Nitrotoluene   |       | 7.609 | 6.684 | 7.052 | 7.055 | 6.787 | 7.037 | E3 | 5.10  |
| 15) T | 4-Nitrotoluene   |       | 5.765 | 5.339 | 5.756 | 5.705 | 5.494 | 5.612 | E3 | 3.35  |
| 16) T | 3-Nitrotoluene   |       | 1.443 | 1.304 | 1.425 | 1.529 | 1.419 | 1.424 | E4 | 5.65  |
| 17) T | PETN             |       | 0.975 | 1.032 | 0.835 | 0.958 | 0.884 | 0.937 | E4 | 8.29  |

(#) = Out of Range