

Method : H:\VOL1\HPLC\HPLC L\METHODS\HL080312.M (Chemstation Integrator)  
 Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
 Last Update : Mon Aug 06 10:08:05 2012

## Calibration Files

CAL1 =HL003331.D CAL2 =HL003330.D CAL3 =HL003329.D  
 CAL4 =HL003328.D CAL5 =HL003327.D CAL6 =HL003326.D

|       | Compound            | CAL1  | CAL2  | CAL3  | CAL4  | CAL5  | CAL6  | Avg      | %RSD  |
|-------|---------------------|-------|-------|-------|-------|-------|-------|----------|-------|
| 1) S  | 4-Nitroaniline      | 2.800 | 3.518 | 3.886 | 3.858 | 3.988 | 3.955 | 3.668 E3 | 12.46 |
| 2) T  | HMX                 | 4.180 | 4.053 | 4.067 | 4.004 | 4.040 | 4.044 | 4.065 E3 | 1.49  |
| 3) T  | RDX                 | 4.137 | 5.124 | 5.368 | 5.301 | 5.338 | 5.362 | 5.105 E3 | 9.46  |
| 4) T  | 1,3,5-Trinitrobenze | 1.320 | 1.228 | 1.193 | 1.176 | 1.175 | 1.178 | 1.212 E4 | 4.68  |
| 5) T  | Tetryl              | 8.399 | 8.728 | 8.765 | 8.623 | 8.624 | 8.691 | 8.638 E3 | 1.50  |
| 6) T  | 2,4,6-Trinitrotolue | 0.963 | 1.122 | 1.140 | 1.121 | 1.119 | 1.127 | 1.099 E4 | 6.10  |
| 7) T  | 2-Amino-4,6-dinitro | 0.762 | 1.023 | 1.084 | 1.067 | 1.073 | 1.085 | 1.016 E4 | 12.46 |
| 8) T  | 4-Amino-2,6-dinitro | 6.161 | 7.581 | 7.429 | 7.209 | 7.234 | 7.245 | 7.143 E3 | 7.03  |
| 9) T  | 2,4-Dinitrotoluene  | 1.491 | 1.492 | 1.534 | 1.503 | 1.508 | 1.524 | 1.509 E4 | 1.13  |
| 10) T | 2,6-Dinitrotoluene  | 8.931 | 8.446 | 8.448 | 8.253 | 8.376 | 8.414 | 8.478 E3 | 2.75  |
| 11) T | 1,3-Dinitrobenzene  | 1.475 | 1.616 | 1.662 | 1.634 | 1.627 | 1.638 | 1.609 E4 | 4.17  |
| 12) T | Nitrobenzene        | 1.092 | 1.049 | 1.049 | 1.032 | 1.027 | 1.041 | 1.048 E4 | 2.21  |
| 13) T | 2-Nitrotoluene      | 6.463 | 6.866 | 6.656 | 6.528 | 6.514 | 6.603 | 6.605 E3 | 2.19  |
| 14) T | 3-Nitrotoluene      | 6.392 | 7.260 | 7.110 | 7.026 | 6.982 | 7.060 | 6.972 E3 | 4.30  |
| 15) T | 4-Nitrotoluene      | 5.401 | 5.545 | 5.511 | 5.538 | 5.479 | 5.562 | 5.506 E3 | 1.08  |
| 16) T | 3,5-Dinitroaniline  | 1.276 | 1.377 | 1.441 | 1.416 | 1.407 | 1.420 | 1.390 E4 | 4.27  |
| 17) T | Nitroglycerin       |       | 6.282 | 5.615 | 5.396 | 5.538 | 5.754 | 5.717 E1 | 5.97  |
| 18) T | PETN                | 1.104 | 0.857 | 1.168 | 0.907 | 0.942 | 0.908 | 0.981 E4 | 12.71 |