

Signal #1 : Z:\HPCHEM1\HPLC\_N\DATA\HN102314\HN006506.D\VWD1A.CH Vial: 29  
 Signal #2 : Z:\HPCHEM1\HPLC\_N\DATA\HN102314\HN006506.D\VWD1A.CH  
 Acq On : 23-Oct-2014, 19:09 Operator: HNP  
 Sample : F4325-04 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e  
 Quant Time: Oct 27 2:39 2014 Quant Results File: HN100214.RES

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 YS19-SB19-1014MSD

Manual Integrations  
 APPROVED

ugo  
 11/3/2014 11:46:09 AM

Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN100214.M  
 Title :  
 Last Update : Mon Oct 27 03:28:26 2014  
 Response via : Initial Calibration  
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul  
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:  
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

| Compound                         | R.T.  | Response | Conc Units     |
|----------------------------------|-------|----------|----------------|
| -----                            |       |          |                |
| System Monitoring Compounds      |       |          |                |
| 1) S 4-Nitroaniline              | 1.30  | 557496   | 140.267 ug/L m |
| Target Compounds                 |       |          |                |
| 2) T HMX                         | 0.87  | 515289   | 106.544 ug/L   |
| 3) T RDX                         | 1.69  | 656119   | 119.674 ug/L   |
| 4) T 1,3,5-Trinitrobenzene       | 2.67  | 1286598  | 119.968 ug/L   |
| 5) T 1,3-Dinitrobenzene          | 3.54  | 2083828  | 127.262 ng/ml  |
| 6) T 3,5-Dinitroaniline          | 3.90  | 1491749  | 128.016 ug/L m |
| 7) T Nitrobenzene                | 4.79  | 1243522  | 124.092 ug/L m |
| 8) T Tetryl                      | 6.31  | 678168   | 106.360 ug/L m |
| 9) T 2,4,6-Trinitrotoluene       | 6.57  | 1380316  | 128.556 ug/L m |
| 10) T 2-Amino-4,6-dinitrotoluene | 7.09  | 1357213  | 117.209 ug/L m |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.44  | 844265   | 138.333 ug/L m |
| 12) T 2,4-Dinitrotoluene         | 8.23  | 1934069  | 125.610 ug/L m |
| 13) T 2,6-Dinitrotoluene         | 8.65  | 1026474  | 121.108 ug/L m |
| 14) T 2-Nitrotoluene             | 11.97 | 827437   | 123.548 ug/L m |
| 15) T 4-Nitrotoluene             | 12.77 | 695281   | 127.014 ug/L m |
| 16) T 3-Nitrotoluene             | 14.04 | 835152   | 119.963 ug/L m |
| 17) T PETN                       | 19.20 | 928522   | 112.817 ug/L m |

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 Analyst Signature: \_\_\_\_\_ Analyst Name: \_\_\_\_\_ Date: \_\_\_\_\_

-----REASONS FOR MANUAL INTEGRATIONS-----

\_\_\_Poor resolution of peaks exhibited on chromatogram.Compound #: \_\_\_\_\_

\_\_\_Peak Integrated by software incorrectly.Compound #: \_\_\_\_\_

\_\_\_OTHER: \_\_\_\_\_ Compound #: \_\_\_\_\_

(f)=RT Delta > 1/2 Window (m)=manual int.

HN006506.D HN100214.M Sat Nov 08 00:18:02 2014

Signal #1 : Z:\HPCHEM1\HPLC\_N\DATA\HN102314\HN006506.D\VWD1A.CH Vial: 29  
Signal #2 : Z:\HPCHEM1\HPLC\_N\DATA\HN102314\HN006506.D\VWD1A.CH  
Acq On : 23-Oct-2014, 19:09 Operator: HNP  
Sample : F4325-04 Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e  
Quant Time: Oct 27 2:39 2014 Quant Results File: HN100214.RES

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SB19-1014MSD

Manual Integrations  
APPROVED

ugo  
11/3/2014 11:46:09 AM

Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN100214.M  
Title :  
Last Update : Mon Oct 27 03:28:26 2014  
Response via : Multiple Level Calibration  
DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul  
Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:  
Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

