

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005471.D Vial: 3
 Acq On : 02-Jul-2013, 19:25 Operator: QM
 Sample : PB70638BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 3 1:21 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 ClientSampleId :
 PB70638BS

Manual Integrations
 APPROVED

AHPatel
 7/6/2013 12:44:49 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 17:40:52 2013
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.34	709240	175.127 ug/L
Target Compounds			
2) T HMX	0.89	566811	123.050 ug/L
3) T RDX	1.75	701213	138.970 ug/L
4) T 1,3,5-Trinitrobenzene	2.71	1500882	134.637 ug/L
5) T 1,3-Dinitrobenzene	3.60	2105496	134.757 ng/mlm
6) T 3,5-Dinitroaniline	3.98	1844273	132.032 ug/L
7) T Nitrobenzene	4.81	1441874	144.853 ug/L
8) T Tetryl	6.40	738048	116.112 ug/L m
9) T 2,4,6-Trinitrotoluene	6.59	1578953	134.470 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.17	1521923	129.449 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.55	900852	143.893 ug/L
12) T 2,4-Dinitrotoluene	8.27	2012361	134.444 ug/L
13) T 2,6-Dinitrotoluene	8.69	1116880	133.517 ug/L
14) T 2-Nitrotoluene	11.97	925986	145.076 ug/L
15) T 4-Nitrotoluene	12.69	749325	138.894 ug/L
16) T 3-Nitrotoluene	13.94	897477	129.144 ug/L
17) T PETN	19.51	2213608	213.412 ug/L m

 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.

Quantitation Report

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Instrument :
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 PB70638BS

Manual Integrations
 APPROVED

AHPatel
 7/6/2013 12:44:49 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 17:40:52 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

