

Data Path : Z:\HPCHEM1\HPLC\_L\Data\HL092916\  
 Data File : HL006428.D  
 Signal(s) : vwd1A.ch  
 Acq On : 29-Sep-2016, 21:10  
 Operator : UM/MA  
 Sample : H4818-05  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 LOD-WATER2016-05-QT4

Manual Integrations  
 APPROVED

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 9/30/2016 7:06:04 PM

Integration File: AUTOINT1.E  
 Quant Time: Sep 30 08:47:08 2016  
 Quant Method : Z:\HPCHEM1\HPLC\_L\Methods\HL092816.M  
 Quant Title :  
 QLast Update : Thu Sep 29 16:24:57 2016  
 Response via : Initial Calibration  
 Integrator: ChemStation

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            | 2.178   | 443568   | 232.931 ug/L m |
| Target Compounds               |         |          |                |
| 2) T HMX                       | 1.312   | 229254   | 43.300 ug/L m  |
| 3) T RDX                       | 2.236   | 1235994  | 117.622 ug/L m |
| 4) T 1,3,5-Trinitrobenzene     | 3.676   | 665421   | 46.767 ug/L m  |
| 5) T 1,3-Dinitrobenzene        | 4.877   | 1062108  | 47.988 ng/mlm  |
| 6) T 3,5-Dinitroaniline        | 5.600   | 847425   | 48.884 ug/L    |
| 7) T Nitrobenzene              | 6.320   | 647755   | 50.188 ug/L    |
| 8) T Tetryl                    | 8.309   | 431028   | 38.284 ug/L    |
| 9) T 2,4,6-Trinitrotoluene     | 8.832   | 621686   | 46.790 ug/L    |
| 10) T 2-Amino-4,6-dinitroto... | 10.053  | 659973   | 46.904 ug/L    |
| 11) T 4-Amino-2,6-dinitroto... | 10.604  | 470001   | 50.222 ug/L    |
| 12) T 2,4-Dinitrotoluene       | 11.362  | 1689643  | 80.123 ug/L    |
| 13) T 2,6-Dinitrotoluene       | 11.712  | 1024446  | 102.756 ug/L   |
| 14) T 2-Nitrotoluene           | 15.918  | 1309291  | 52.798 ug/L    |
| 15) T 4-Nitrotoluene           | 17.284  | 1147926  | 57.363 ug/L    |
| 16) T 3-Nitrotoluene           | 18.732  | 1409927  | 51.172 ug/L    |
| 17) T PETN                     | 19.465f | 586638   | 52.101 ug/L    |
| -----                          |         |          |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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