

Data Path : Z:\HPCHEM1\HPLC\_L\Data\HL092916\  
 Data File : HL006433.D  
 Signal(s) : vwd1A.ch  
 Acq On : 29-Sep-2016, 23:32  
 Operator : UM/MA  
 Sample : H4818-02  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 LOQ-SOIL2016--02-QT4

Manual Integrations  
 APPROVED

sohil  
 9/30/2016 7:06:19 PM

Integration File: AUTOINT1.E  
 Quant Time: Sep 30 14:55:16 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  | 435760   | 228.830 ug/L m |
| Target Compounds               |        |          |                |
| 2) T HMX                       | 1.311  | 1019836  | 192.622 ug/L m |
| 3) T RDX                       | 2.275  | 2314504  | 220.257 ug/L m |
| 4) T 1,3,5-Trinitrobenzene     | 3.677  | 2826475  | 198.649 ug/L   |
| 5) T 1,3-Dinitrobenzene        | 4.875  | 4361397  | 197.058 ng/ml  |
| 6) T 3,5-Dinitroaniline        | 5.596  | 3432831  | 198.023 ug/L   |
| 7) T Nitrobenzene              | 6.317  | 2525500  | 195.676 ug/L   |
| 8) T Tetryl                    | 8.296  | 1732384  | 153.872 ug/L   |
| 9) T 2,4,6-Trinitrotoluene     | 8.825  | 2628010  | 197.794 ug/L   |
| 10) T 2-Amino-4,6-dinitroto... | 10.018 | 2814607  | 200.035 ug/L m |
| 11) T 4-Amino-2,6-dinitroto... | 10.580 | 1917571  | 204.901 ug/L   |
| 12) T 2,4-Dinitrotoluene       | 11.344 | 4580283  | 217.197 ug/L   |
| 13) T 2,6-Dinitrotoluene       | 11.712 | 2458167  | 246.565 ug/L   |
| 14) T 2-Nitrotoluene           | 15.906 | 5070073  | 204.454 ug/L   |
| 15) T 4-Nitrotoluene           | 17.276 | 4078062  | 203.786 ug/L   |
| 16) T 3-Nitrotoluene           | 18.708 | 5385280  | 195.454 ug/L   |
| 17) T PETN                     | 19.443 | 2437969  | 216.522 ug/L   |
| -----                          |        |          |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

