

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM083115\  
 Data File : BM002604.D  
 Acq On : 01 Sep 2015 00:16  
 Operator : UM/IZ  
 Sample : G3456-18  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9EA2

Manual Integrations  
 APPROVED

MMDadoda  
 9/1/2015 2:57:46 PM

Quant Time: Sep 01 02:13:04 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081415MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 01 02:00:58 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.78  | 152  | 137728   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.65 | 136  | 616445   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.37 | 164  | 305962   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.07 | 188  | 579185   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 22.16 | 240  | 430726   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.78 | 264  | 421540   | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 15.07 | 160  | 304940   | 9.75  | ng/ul | 0.00     |
| 10) Fluorene-d10            | 16.34 | 176  | 200090   | 9.11  | ng/ul | 0.00     |
| 14) Anthracene-d10          | 18.17 | 188  | 263891   | 9.45  | ng/ul | 0.00     |
| 18) Pyrene-d10              | 20.40 | 212  | 217892   | 11.41 | ng/ul | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.61 | 264  | 181368   | 8.19  | ng/ul | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 13) Phenanthrene           | 18.12 | 178  | 55029    | 1.65 | ng/ul  | 98     |
| 16) Fluoranthene           | 20.07 | 202  | 119991   | 3.17 | ng/ul  | 97     |
| 19) Pyrene                 | 20.43 | 202  | 98024    | 3.88 | ng/ul  | 98     |
| 20) Benzo(a)anthracene     | 22.14 | 228  | 49035    | 1.90 | ng/ul  | 97     |
| 21) Chrysene               | 22.20 | 228  | 49625    | 2.06 | ng/ul  | 98     |
| 23) Benzo(b)fluoranthene   | 23.97 | 252  | 73373    | 2.88 | ng/ul# | 95     |
| 24) Benzo(k)fluoranthene   | 24.01 | 252  | 26363m   | 1.09 | ng/ul  |        |
| 26) Benzo(a)pyrene         | 24.67 | 252  | 45830    | 1.88 | ng/ul# | 94     |
| 27) Indeno(1,2,3-cd)pyrene | 27.54 | 276  | 36333    | 1.30 | ng/ul  | 96     |
| 29) Benzo(g,h,i)perylene   | 28.40 | 276  | 30850    | 1.32 | ng/ul  | 96     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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