

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081315\  
 Data File : BM002382.D  
 Acq On : 13 Aug 2015 04:02  
 Operator : UM/IZ  
 Sample : G3194-02  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9D83

Manual Integrations  
 APPROVED

MMDadoda  
 8/14/2015 3:04:29 PM

Quant Time: Aug 13 05:13:30 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM080715MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 13 05:08:41 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.90  | 152  | 177788   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.77 | 136  | 794076   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.49 | 164  | 388807   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.20 | 188  | 698400   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 22.28 | 240  | 490697   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.98 | 264  | 476685   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 15.19 | 160  | 692288   | 17.19 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 16.46 | 176  | 453283   | 16.18 | ng/ul | 0.00     |
| 14) Anthracene-d10          | 18.29 | 188  | 583101   | 17.21 | ng/ul | 0.00     |
| 18) Pyrene-d10              | 20.51 | 212  | 476715   | 20.03 | ng/ul | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.80 | 264  | 406064   | 16.04 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 4) 2-Methylnaphthalene     | 13.37 | 142  | 34150    | 1.14 | ng/ul  | 95     |
| 13) Phenanthrene           | 18.24 | 178  | 64717    | 1.61 | ng/ul  | 99     |
| 16) Fluoranthene           | 20.18 | 202  | 75170    | 1.69 | ng/ul  | 100    |
| 19) Pyrene                 | 20.54 | 202  | 66218    | 2.09 | ng/ul  | 98     |
| 20) Benzo(a)anthracene     | 22.26 | 228  | 42178    | 1.41 | ng/ul# | 93     |
| 21) Chrysene               | 22.32 | 228  | 51912    | 1.83 | ng/ul# | 92     |
| 23) Benzo(b)fluoranthene   | 24.14 | 252  | 63470    | 2.14 | ng/ul# | 89     |
| 26) Benzo(a)pyrene         | 24.86 | 252  | 41624    | 1.47 | ng/ul# | 87     |
| 27) Indeno(1,2,3-cd)pyrene | 27.84 | 276  | 32982m   | 1.01 | ng/ul  |        |
| 29) Benzo(g,h,i)perylene   | 28.72 | 276  | 57828    | 2.11 | ng/ul  | 93     |

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

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