

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081215\  
 Data File : BM002377.D  
 Acq On : 13 Aug 2015 01:00  
 Operator : UM/IZ  
 Sample : G3163-22  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 13 02:16:11 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM080715MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 13 00:45:03 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.90  | 152  | 159107   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.77 | 136  | 758196   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.49 | 164  | 398903   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.20 | 188  | 728632   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 22.29 | 240  | 496252   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.99 | 264  | 469329   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 15.19 | 160  | 950959   | 23.01 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 16.46 | 176  | 606440   | 21.10 | ng/ul | 0.00     |
| 14) Anthracene-d10          | 18.30 | 188  | 785543   | 22.22 | ng/ul | 0.00     |
| 18) Pyrene-d10              | 20.52 | 212  | 634172   | 26.35 | ng/ul | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.81 | 264  | 535698   | 21.50 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 13) Phenanthrene           | 18.24 | 178  | 68338    | 1.63 | ng/ul  | 99     |
| 16) Fluoranthene           | 20.19 | 202  | 170403   | 3.67 | ng/ul  | 98     |
| 19) Pyrene                 | 20.54 | 202  | 126914   | 3.96 | ng/ul  | 97     |
| 20) Benzo(a)anthracene     | 22.27 | 228  | 82379    | 2.72 | ng/ul  | 98     |
| 21) Chrysene               | 22.33 | 228  | 78311m   | 2.73 | ng/ul  |        |
| 23) Benzo(b)fluoranthene   | 24.15 | 252  | 109466   | 3.75 | ng/ul# | 90     |
| 24) Benzo(k)fluoranthene   | 24.20 | 252  | 29843m   | 1.07 | ng/ul  |        |
| 26) Benzo(a)pyrene         | 24.87 | 252  | 63294    | 2.27 | ng/ul# | 86     |
| 27) Indeno(1,2,3-cd)pyrene | 27.83 | 276  | 48126    | 1.50 | ng/ul  | 98     |
| 29) Benzo(g,h,i)perylene   | 28.73 | 276  | 42826    | 1.59 | ng/ul# | 92     |

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

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