

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM083115\  
 Data File : BM002587.D  
 Acq On : 31 Aug 2015 11:32  
 Operator : UM/IZ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02065

Quant Time: Sep 01 01:37:18 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081415MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 31 01:34:36 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.78  | 152  | 163064   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.65 | 136  | 682853   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.37 | 164  | 298709   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.08 | 188  | 492152   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 22.16 | 240  | 454157   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.79 | 264  | 475052   | 20.00 | ng/ul | 0.01     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 15.07 | 160  | 579817   | 18.99 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 16.34 | 176  | 364518   | 16.99 | ng/ul | 0.00     |
| 14) Anthracene-d10          | 18.18 | 188  | 443408   | 18.68 | ng/ul | 0.00     |
| 18) Pyrene-d10              | 20.40 | 212  | 406518   | 20.19 | ng/ul | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.62 | 264  | 469726   | 18.82 | ng/ul | 0.01     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 3) Naphthalene             | 11.70 | 128  | 655423   | 18.81 | ng/ul | 100    |
| 4) 2-Methylnaphthalene     | 13.25 | 142  | 442819   | 16.96 | ng/ul | 99     |
| 5) 1-Methylnaphthalene     | 13.46 | 142  | 428003   | 16.57 | ng/ul | 99     |
| 8) Acenaphthylene          | 15.10 | 152  | 605876   | 18.95 | ng/ul | 99     |
| 9) Acenaphthene            | 15.43 | 153  | 396954   | 18.85 | ng/ul | 99     |
| 11) Fluorene               | 16.40 | 166  | 415459   | 17.22 | ng/ul | 99     |
| 13) Phenanthrene           | 18.12 | 178  | 532852   | 18.75 | ng/ul | 100    |
| 15) Anthracene             | 18.22 | 178  | 537747   | 18.67 | ng/ul | 100    |
| 16) Fluoranthene           | 20.07 | 202  | 523526   | 16.27 | ng/ul | 97     |
| 19) Pyrene                 | 20.43 | 202  | 540200   | 20.30 | ng/ul | 100    |
| 20) Benzo(a)anthracene     | 22.14 | 228  | 508984   | 18.74 | ng/ul | 100    |
| 21) Chrysene               | 22.20 | 228  | 477577   | 18.80 | ng/ul | 99     |
| 23) Benzo(b)fluoranthene   | 23.98 | 252  | 523651   | 18.23 | ng/ul | 99     |
| 24) Benzo(k)fluoranthene   | 24.03 | 252  | 511393   | 18.79 | ng/ul | 98     |
| 26) Benzo(a)pyrene         | 24.68 | 252  | 516873   | 18.84 | ng/ul | 98     |
| 27) Indeno(1,2,3-cd)pyrene | 27.56 | 276  | 620131   | 19.66 | ng/ul | 98     |
| 28) Dibenzo(a,h)anthracene | 27.57 | 278  | 524581   | 19.89 | ng/ul | 99     |
| 29) Benzo(g,h,i)perylene   | 28.43 | 276  | 522813   | 19.91 | ng/ul | 98     |

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

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