

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM021215\  
 Data File : BM000503.D  
 Acq On : 12 Feb 2015 15:19  
 Operator : TP/IZ  
 Sample : SSTD0.801  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD0.888

Quant Time: Feb 12 16:34:50 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-SIM-BM021215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 12 16:25:32 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 3568     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.49 | 136  | 11957    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.35 | 164  | 7397     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.09 | 188  | 14646    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.29 | 240  | 11537    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.51 | 264  | 9700     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.09 | 152  | 12552    | 0.79 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 24095    | 0.74 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units | Qvalue |
|----------------------------|-------|------|----------|------|-------|--------|
| 3) Naphthalene             | 10.54 | 128  | 22785    | 0.78 | ng/ul | 99     |
| 5) 2-Methylnaphthalene     | 12.16 | 142  | 15687    | 0.77 | ng/ul | 99     |
| 7) Acenaphthylene          | 14.07 | 152  | 22982    | 0.78 | ng/ul | 99     |
| 8) Acenaphthene            | 14.41 | 153  | 17631    | 0.77 | ng/ul | 99     |
| 9) Fluorene                | 15.40 | 166  | 20792    | 0.75 | ng/ul | 98     |
| 11) Pentachlorophenol      | 16.75 | 266  | 1581     | 1.08 | ng/ul | 98     |
| 12) Phenanthrene           | 17.13 | 178  | 32147    | 0.78 | ng/ul | 99     |
| 13) Anthracene             | 17.23 | 178  | 29597    | 0.80 | ng/ul | 99     |
| 15) Fluoranthene           | 19.16 | 202  | 35382    | 0.74 | ng/ul | 99     |
| 17) Pyrene                 | 19.53 | 202  | 35376    | 0.84 | ng/ul | 99     |
| 18) Benzo(a)anthracene     | 21.27 | 228  | 26177    | 0.77 | ng/ul | 99     |
| 19) Chrysene               | 21.32 | 228  | 30610    | 0.78 | ng/ul | 100    |
| 21) Benzo(b)fluoranthene   | 22.84 | 252  | 27311    | 0.82 | ng/ul | 97     |
| 22) Benzo(k)fluoranthene   | 22.89 | 252  | 26102    | 0.75 | ng/ul | 97     |
| 23) Benzo(a)pyrene         | 23.42 | 252  | 24727    | 0.79 | ng/ul | 94     |
| 24) Indeno(1,2,3-cd)pyrene | 25.75 | 276  | 27270    | 0.81 | ng/ul | 100    |
| 25) Dibenzo(a,h)anthracene | 25.77 | 278  | 21774    | 0.82 | ng/ul | 95     |
| 26) Benzo(g,h,i)perylene   | 26.44 | 276  | 23840    | 0.81 | ng/ul | 99     |

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

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