

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM020515\  
 Data File : BM000423.D  
 Acq On : 05 Feb 2015 10:31  
 Operator : TP/IZ  
 Sample : SSTD0.174  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.174

Quant Time: Feb 05 13:08:15 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM020515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 05 12:58:49 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 2418     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.51 | 136  | 7783     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.38 | 164  | 4644     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.12 | 188  | 9416     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.31 | 240  | 7868     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.56 | 264  | 7087     | 0.40 | ng/ul | 0.01     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 1064     | 0.10 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.15 | 212  | 2139     | 0.10 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene             | 10.56 | 128  | 2050     | 0.10 | ng/ul# | 93     |
| 5) 2-Methylnaphthalene     | 12.18 | 142  | 1498     | 0.11 | ng/ul  | 98     |
| 7) Acenaphthylene          | 14.10 | 152  | 2022     | 0.10 | ng/ul# | 92     |
| 8) Acenaphthene            | 14.43 | 153  | 1504     | 0.10 | ng/ul  | 95     |
| 9) Fluorene                | 15.43 | 166  | 1806     | 0.10 | ng/ul# | 93     |
| 11) Pentachlorophenol      | 16.78 | 266  | 246      | 0.21 | ng/ul  | 96     |
| 12) Phenanthrene           | 17.16 | 178  | 2850     | 0.10 | ng/ul# | 92     |
| 13) Anthracene             | 17.26 | 178  | 2646     | 0.11 | ng/ul# | 90     |
| 15) Fluoranthene           | 19.19 | 202  | 3120     | 0.10 | ng/ul  | 94     |
| 17) Pyrene                 | 19.55 | 202  | 3275     | 0.10 | ng/ul  | 97     |
| 18) Benzo(a)anthracene     | 21.29 | 228  | 2642     | 0.11 | ng/ul  | 96     |
| 19) Chrysene               | 21.29 | 228  | 2642     | 0.10 | ng/ul  | 98     |
| 21) Benzo(b)fluoranthene   | 22.88 | 252  | 2849     | 0.11 | ng/ul  | 73     |
| 22) Benzo(k)fluoranthene   | 22.93 | 252  | 2559     | 0.09 | ng/ul# | 75     |
| 23) Benzo(a)pyrene         | 23.46 | 252  | 2594     | 0.11 | ng/ul# | 66     |
| 24) Indeno(1,2,3-cd)pyrene | 25.83 | 276  | 2831     | 0.11 | ng/ul  | 96     |
| 25) Dibenzo(a,h)anthracene | 25.84 | 278  | 2213     | 0.11 | ng/ul# | 80     |
| 26) Benzo(g,h,i)perylene   | 26.51 | 276  | 2486     | 0.12 | ng/ul# | 91     |

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

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