

Data Path : S:\HPCHEM1\BNA\_M\DATA\BM021815\  
 Data File : BM000543.D  
 Acq On : 18 Feb 2015 17:44  
 Operator : TP/IZ  
 Sample : SSTD0.215  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.215

Quant Time: Feb 19 00:53:13 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM021815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 19 00:44:18 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 3033     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.47 | 136  | 10705    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.33 | 164  | 7196     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.07 | 188  | 15852    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.27 | 240  | 11127    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.49 | 264  | 7761     | 0.40 | ng/ul | 0.01     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.07 | 152  | 2971     | 0.21 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.11 | 212  | 7018     | 0.20 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene             | 10.51 | 128  | 5562     | 0.20 | ng/ul  | 98     |
| 5) 2-Methylnaphthalene     | 12.14 | 142  | 3941     | 0.21 | ng/ul  | 99     |
| 7) Acenaphthylene          | 14.05 | 152  | 5964     | 0.21 | ng/ul  | 99     |
| 8) Acenaphthene            | 14.38 | 153  | 4636     | 0.21 | ng/ul  | 98     |
| 9) Fluorene                | 15.39 | 166  | 5747     | 0.22 | ng/ul  | 97     |
| 11) Pentachlorophenol      | 16.73 | 266  | 926      | 0.43 | ng/ul  | 95     |
| 12) Phenanthrene           | 17.12 | 178  | 9324     | 0.20 | ng/ul  | 99     |
| 13) Anthracene             | 17.21 | 178  | 8488     | 0.20 | ng/ul  | 98     |
| 15) Fluoranthene           | 19.14 | 202  | 10495    | 0.19 | ng/ul  | 99     |
| 17) Pyrene                 | 19.50 | 202  | 10724    | 0.23 | ng/ul  | 99     |
| 18) Benzo(a)anthracene     | 21.25 | 228  | 7441     | 0.22 | ng/ul  | 99     |
| 19) Chrysene               | 21.30 | 228  | 7957     | 0.20 | ng/ul  | 97     |
| 21) Benzo(b)fluoranthene   | 22.81 | 252  | 5762     | 0.20 | ng/ul  | 81     |
| 22) Benzo(k)fluoranthene   | 22.87 | 252  | 6008     | 0.20 | ng/ul# | 77     |
| 23) Benzo(a)pyrene         | 23.39 | 252  | 5388     | 0.20 | ng/ul# | 75     |
| 24) Indeno(1,2,3-cd)pyrene | 25.71 | 276  | 5019     | 0.18 | ng/ul  | 99     |
| 25) Dibenzo(a,h)anthracene | 25.73 | 278  | 3897     | 0.18 | ng/ul# | 78     |
| 26) Benzo(g,h,i)perylene   | 26.39 | 276  | 4371     | 0.18 | ng/ul# | 92     |

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

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