

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM020615\  
 Data File : BM000437.D  
 Acq On : 06 Feb 2015 17:08  
 Operator : TP/IZ  
 Sample : SSTD0.282  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD0.282

Quant Time: Feb 07 00:44:09 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-SIM-BM020615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 07 00:33:38 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 1892     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.51 | 136  | 6203     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.38 | 164  | 4112     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.12 | 188  | 7620     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.31 | 240  | 6504     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.56 | 264  | 5819     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.12 | 152  | 1794     | 0.08 | ng/ul | 0.01     |
| 14) Fluoranthene-d10        | 19.15 | 212  | 3705     | 0.24 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene             | 10.56 | 128  | 3614     | 0.25 | ng/ul  | 97     |
| 5) 2-Methylnaphthalene     | 12.18 | 142  | 2471     | 0.27 | ng/ul# | 100    |
| 7) Acenaphthylene          | 14.10 | 152  | 3362     | 0.06 | ng/ul  | 98     |
| 8) Acenaphthene            | 14.43 | 153  | 2653     | 0.07 | ng/ul  | 99     |
| 9) Fluorene                | 15.43 | 166  | 3142     | 0.24 | ng/ul  | 99     |
| 11) Pentachlorophenol      | 16.79 | 266  | 59       | 0.17 | ng/ul# | 100    |
| 12) Phenanthrene           | 17.16 | 178  | 4991     | 0.08 | ng/ul  | 97     |
| 13) Anthracene             | 17.26 | 178  | 4441     | 0.07 | ng/ul  | 96     |
| 15) Fluoranthene           | 19.19 | 202  | 5743     | 0.08 | ng/ul  | 98     |
| 17) Pyrene                 | 19.55 | 202  | 5890     | 0.11 | ng/ul  | 98     |
| 18) Benzo(a)anthracene     | 21.30 | 228  | 4409     | 0.09 | ng/ul# | 91     |
| 19) Chrysene               | 21.35 | 228  | 5301     | 0.10 | ng/ul  | 92     |
| 21) Benzo(b)fluoranthene   | 22.88 | 252  | 5054     | 0.04 | ng/ul  | 90     |
| 22) Benzo(k)fluoranthene   | 22.93 | 252  | 4652     | 0.04 | ng/ul  | 91     |
| 23) Benzo(a)pyrene         | 23.46 | 252  | 4513     | 0.04 | ng/ul# | 88     |
| 24) Indeno(1,2,3-cd)pyrene | 25.82 | 276  | 5180     | 0.12 | ng/ul# | 92     |
| 25) Dibenzo(a,h)anthracene | 25.84 | 278  | 4029     | 0.30 | ng/ul  | 93     |
| 26) Benzo(g,h,i)perylene   | 26.51 | 276  | 4628     | 0.10 | ng/ul  | 95     |

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

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM020615\  
Data File : BM000437.D  
Acq On : 06 Feb 2015 17:08  
Operator : TP/IZ  
Sample : SST0.282  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SST0.282

Quant Time: Feb 07 00:44:09 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-SIM-BM020615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Feb 07 00:33:38 2015  
Response via : Initial Calibration

