

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM021315\  
 Data File : BM000520.D  
 Acq On : 13 Feb 2015 15:24  
 Operator : TP/IZ  
 Sample : SSTD0.491

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD0.491

Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 13 16:43:04 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 16:45:55 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 3415     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.49 | 136  | 11237    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.35 | 164  | 6420     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.09 | 188  | 13583    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.29 | 240  | 11871    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.51 | 264  | 10226    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.09 | 152  | 5593     | 0.39 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 11330    | 0.40 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units | Qvalue |
|----------------------------|-------|------|----------|------|-------|--------|
| 3) Naphthalene             | 10.54 | 128  | 10715    | 0.41 | ng/ul | 100    |
| 5) 2-Methylnaphthalene     | 12.16 | 142  | 7159     | 0.40 | ng/ul | 100    |
| 7) Acenaphthylene          | 14.08 | 152  | 9925     | 0.41 | ng/ul | 99     |
| 8) Acenaphthene            | 14.41 | 153  | 7790     | 0.42 | ng/ul | 98     |
| 9) Fluorene                | 15.40 | 166  | 9299     | 0.42 | ng/ul | 100    |
| 11) Pentachlorophenol      | 16.75 | 266  | 569      | 0.33 | ng/ul | 97     |
| 12) Phenanthrene           | 17.13 | 178  | 15068    | 0.41 | ng/ul | 98     |
| 13) Anthracene             | 17.23 | 178  | 13553    | 0.41 | ng/ul | 98     |
| 15) Fluoranthene           | 19.15 | 202  | 16975    | 0.41 | ng/ul | 92     |
| 17) Pyrene                 | 19.51 | 202  | 17676    | 0.41 | ng/ul | 92     |
| 18) Benzo(a)anthracene     | 21.27 | 228  | 13411    | 0.40 | ng/ul | 98     |
| 19) Chrysene               | 21.32 | 228  | 15924    | 0.41 | ng/ul | 98     |
| 21) Benzo(b)fluoranthene   | 22.83 | 252  | 15251    | 0.44 | ng/ul | 96     |
| 22) Benzo(k)fluoranthene   | 22.89 | 252  | 13192    | 0.38 | ng/ul | 99     |
| 23) Benzo(a)pyrene         | 23.41 | 252  | 13096    | 0.41 | ng/ul | 95     |
| 24) Indeno(1,2,3-cd)pyrene | 25.75 | 276  | 13848    | 0.38 | ng/ul | 100    |
| 25) Dibenzo(a,h)anthracene | 25.76 | 278  | 10751    | 0.38 | ng/ul | 97     |
| 26) Benzo(g,h,i)perylene   | 26.43 | 276  | 12379    | 0.39 | ng/ul | 99     |

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

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