

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM082715\  
 Data File : BM002556.D  
 Acq On : 27 Aug 2015 15:37  
 Operator : UM/IZ  
 Sample : SSTD0.859  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.859

Quant Time: Aug 27 16:30:35 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM082715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 27 16:04:04 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.78  | 152  | 9283     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.64 | 136  | 38396    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.36 | 164  | 20250    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 18.08 | 188  | 43651    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 22.16 | 240  | 30978    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.77 | 264  | 24195    | 0.40 | ng/ul | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 13.17 | 152  | 42922    | 0.72 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 20.03 | 212  | 81858    | 0.69 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units | Qvalue |
|----------------------------|-------|------|----------|------|-------|--------|
| 3) Naphthalene             | 11.69 | 128  | 81245    | 0.70 | ng/ul | 98     |
| 5) 2-Methylnaphthalene     | 13.25 | 142  | 56127    | 0.73 | ng/ul | 100    |
| 7) Acenaphthylene          | 15.09 | 152  | 86865    | 0.73 | ng/ul | 94     |
| 8) Acenaphthene            | 15.42 | 153  | 61312    | 0.73 | ng/ul | 85     |
| 9) Fluorene                | 16.39 | 166  | 70887    | 0.73 | ng/ul | 94     |
| 11) Pentachlorophenol      | 17.72 | 266  | 3467     | 0.30 | ng/ul | 99     |
| 12) Phenanthrene           | 18.11 | 178  | 106300   | 0.70 | ng/ul | 98     |
| 13) Anthracene             | 18.20 | 178  | 104437   | 0.71 | ng/ul | 98     |
| 15) Fluoranthene           | 20.07 | 202  | 111693   | 0.66 | ng/ul | 89     |
| 17) Pyrene                 | 20.42 | 202  | 111754   | 0.79 | ng/ul | 96     |
| 18) Benzo(a)anthracene     | 22.14 | 228  | 83343    | 0.69 | ng/ul | 96     |
| 19) Chrysene               | 22.19 | 228  | 78650    | 0.65 | ng/ul | 99     |
| 21) Benzo(b)fluoranthene   | 23.96 | 252  | 74916    | 0.67 | ng/ul | 98     |
| 22) Benzo(k)fluoranthene   | 24.01 | 252  | 63570    | 0.69 | ng/ul | 99     |
| 23) Benzo(a)pyrene         | 24.66 | 252  | 64835    | 0.68 | ng/ul | 98     |
| 24) Indeno(1,2,3-cd)pyrene | 27.53 | 276  | 74578    | 0.72 | ng/ul | 98     |
| 25) Dibenzo(a,h)anthracene | 27.54 | 278  | 60974    | 0.74 | ng/ul | 97     |
| 26) Benzo(g,h,i)perylene   | 28.39 | 276  | 63672    | 0.73 | ng/ul | 98     |

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

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