

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM092515\  
 Data File : BM002725.D  
 Acq On : 25 Sep 2015 10:14  
 Operator : UM/IZ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.485

Quant Time: Sep 25 15:10:16 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM092415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 25 15:05:30 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.74  | 152  | 10330    | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 11.59 | 136  | 38754    | 0.40 | ng/ul | 0.00     |
| 8) Acenaphthene-d10       | 15.33 | 164  | 18220    | 0.40 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.03 | 188  | 37581    | 0.40 | ng/ul | 0.00     |
| 18) Chrysene-d12          | 22.13 | 240  | 35425    | 0.40 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.72 | 264  | 32186    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 2) 1,4-Dioxane-d8           | 3.80  | 96   | 10591    | 0.99 | ng/uL | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 13.13 | 152  | 20675    | 0.36 | ng/ul | 0.00     |
| 16) Fluoranthene-d10        | 20.00 | 212  | 37382    | 0.40 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units | Qvalue |
|----------------------------|-------|------|----------|------|-------|--------|
| 3) 1,4-Dioxane             | 3.83  | 88   | 12295    | 0.99 | ng/ul | 97     |
| 5) Naphthalene             | 11.64 | 128  | 40882    | 0.39 | ng/ul | 98     |
| 7) 2-Methylnaphthalene     | 13.20 | 142  | 26727    | 0.40 | ng/ul | 100    |
| 9) Acenaphthylene          | 15.04 | 152  | 34156    | 0.36 | ng/ul | 96     |
| 10) Acenaphthene           | 15.38 | 153  | 27203    | 0.40 | ng/ul | 87     |
| 11) Fluorene               | 16.36 | 166  | 29893    | 0.38 | ng/ul | 83     |
| 13) Pentachlorophenol      | 17.69 | 266  | 1953     | 0.27 | ng/ul | 95     |
| 14) Phenanthrene           | 18.08 | 178  | 45174    | 0.37 | ng/ul | 94     |
| 15) Anthracene             | 18.16 | 178  | 43751    | 0.39 | ng/ul | 97     |
| 17) Fluoranthene           | 20.03 | 202  | 50893    | 0.38 | ng/ul | 92     |
| 19) Pyrene                 | 20.39 | 202  | 52495    | 0.38 | ng/ul | 98     |
| 20) Benzo(a)anthracene     | 22.09 | 228  | 46272    | 0.39 | ng/ul | 99     |
| 21) Chrysene               | 22.16 | 228  | 45556    | 0.40 | ng/ul | 95     |
| 23) Benzo(b)fluoranthene   | 23.92 | 252  | 46449    | 0.40 | ng/ul | 98     |
| 24) Benzo(k)fluoranthene   | 23.97 | 252  | 43533    | 0.40 | ng/ul | 97     |
| 25) Benzo(a)pyrene         | 24.61 | 252  | 42720    | 0.40 | ng/ul | 96     |
| 26) Indeno(1,2,3-cd)pyrene | 27.45 | 276  | 47439    | 0.40 | ng/ul | 99     |
| 27) Dibenzo(a,h)anthracene | 27.46 | 278  | 38564    | 0.39 | ng/ul | 94     |
| 28) Benzo(g,h,i)perylene   | 28.31 | 276  | 40433    | 0.40 | ng/ul | 98     |

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

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