

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111815\  
 Data File : BM003186.D  
 Acq On : 19 Nov 2015 06:59  
 Operator : UM/IZ  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.452

Manual Integrations  
 APPROVED

Mmdadoda  
 11/19/2015 6:43:07 PM

Quant Time: Nov 19 07:49:02 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 19 03:20:59 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 15468    | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.53 | 136  | 55576    | 0.40   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 14.38 | 164  | 25846    | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.12 | 188  | 52698    | 0.40   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.32 | 240  | 49311    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.58 | 264  | 44166    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 3.20  | 96   | 16233    | 0.98   | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.12 | 152  | 30655    | 0.41   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 19.17 | 212  | 51700    | 0.40   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) 1,4-Dioxane              | 3.24  | 88   | 18465    | 0.98   | ng/ul# | 100      |
| 5) Naphthalene              | 10.58 | 128  | 57707    | 0.40   | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.19 | 142  | 37831    | 0.41   | ng/ul# | 100      |
| 9) Acenaphthylene           | 14.09 | 152  | 44726    | 0.42   | ng/ul  | 100      |
| 10) Acenaphthene            | 14.45 | 153  | 37111    | 0.41   | ng/ul  | 100      |
| 11) Fluorene                | 15.44 | 166  | 39627    | 0.40   | ng/ul  | 99       |
| 13) Pentachlorophenol       | 16.78 | 266  | 4956     | 0.40   | ng/ul# | 16       |
| 14) Phenanthrene            | 17.17 | 178  | 62141    | 0.41   | ng/ul  | 100      |
| 15) Anthracene              | 17.26 | 178  | 52295    | 0.41   | ng/ul  | 100      |
| 17) Fluoranthene            | 19.19 | 202  | 66698    | 0.39   | ng/ul  | 99       |
| 19) Pyrene                  | 19.55 | 202  | 67387    | 0.40   | ng/ul  | 100      |
| 20) Benzo(a)anthracene      | 21.30 | 228  | 59185    | 0.41   | ng/ul# | 89       |
| 21) Chrysene                | 21.35 | 228  | 64173m   | 0.40   | ng/ul  |          |
| 23) Benzo(b)fluoranthene    | 22.90 | 252  | 65243    | 0.39   | ng/ul  | 100      |
| 24) Benzo(k)fluoranthene    | 22.94 | 252  | 63335    | 0.40   | ng/ul  | 96       |
| 25) Benzo(a)pyrene          | 23.48 | 252  | 60746    | 0.41   | ng/ul  | 99       |
| 26) Indeno(1,2,3-cd)pyrene  | 25.86 | 276  | 73052    | 0.41   | ng/ul# | 100      |
| 27) Dibenzo(a,h)anthracene  | 25.88 | 278  | 59497    | 0.41   | ng/ul  | 99       |
| 28) Benzo(g,h,i)perylene    | 26.56 | 276  | 63108    | 0.40   | ng/ul  | 99       |

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

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