

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM041715\  
 Data File : BM001033.D  
 Acq On : 17 Apr 2015 14:25  
 Operator : TP/IZ  
 Sample : SSTD1.637  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD1.637

Manual Integrations  
 APPROVED

apatel  
 4/20/2015 3:07:59 PM

Quant Time: Apr 17 15:15:07 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM041715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 17 14:55:12 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.59  | 152  | 1374     | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.36 | 136  | 4948     | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.24 | 164  | 2590     | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.98 | 188  | 5519     | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.19 | 240  | 5033     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.36 | 264  | 4387     | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.96 | 152  | 10080    | 1.54 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.02 | 212  | 19610    | 1.62 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        | Qvalue   |
| 3) Naphthalene              | 10.41 | 128  | 20003    | 1.57 | ng/ul  | 97       |
| 5) 2-Methylnaphthalene      | 12.03 | 142  | 13499    | 1.57 | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.94 | 152  | 18537    | 1.62 | ng/ul  | 97       |
| 8) Acenaphthene             | 14.30 | 153  | 14158    | 1.58 | ng/ul  | 92       |
| 9) Fluorene                 | 15.30 | 166  | 16640    | 1.59 | ng/ul  | 84       |
| 11) Pentachlorophenol       | 16.64 | 266  | 2047     | 1.60 | ng/ul  | 91       |
| 12) Phenanthrene            | 17.03 | 178  | 25579    | 1.60 | ng/ul# | 93       |
| 13) Anthracene              | 17.12 | 178  | 23466m   | 1.63 | ng/ul  |          |
| 15) Fluoranthene            | 19.06 | 202  | 29359    | 1.67 | ng/ul  | 87       |
| 17) Pyrene                  | 19.42 | 202  | 29541    | 1.52 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.17 | 228  | 25005    | 1.57 | ng/ul  | 98       |
| 19) Chrysene                | 21.22 | 228  | 27286    | 1.56 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.70 | 252  | 25412    | 1.56 | ng/ul  | 93       |
| 22) Benzo(k)fluoranthene    | 22.74 | 252  | 26249    | 1.63 | ng/ul  | 93       |
| 23) Benzo(a)pyrene          | 23.25 | 252  | 24127    | 1.59 | ng/ul  | 91       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.52 | 276  | 27217    | 1.61 | ng/ul  | 99       |
| 25) Dibenzo(a,h)anthracene  | 25.54 | 278  | 22139    | 1.62 | ng/ul  | 93       |
| 26) Benzo(g,h,i)perylene    | 26.18 | 276  | 23666    | 1.58 | ng/ul  | 94       |

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

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