

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM030315\  
 Data File : BM000618.D  
 Acq On : 03 Mar 2015 16:14  
 Operator : TP/IZ  
 Sample : SSTD0.238  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.238

Manual Integrations  
 APPROVED

mohammad  
 3/4/2015 4:44:11 PM

Quant Time: Mar 04 02:52:51 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-SIM-BM030315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 04 02:34:44 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 5852     | 0.40   | ng/ul | 0.00     |
| 4) Naphthalene-d8           | 10.46 | 136  | 20608    | 0.40   | ng/ul | 0.00     |
| 8) Acenaphthene-d10         | 14.31 | 164  | 9307     | 0.40   | ng/ul | 0.00     |
| 12) Phenanthrene-d10        | 17.07 | 188  | 19562    | 0.40   | ng/ul | 0.02     |
| 18) Chrysene-d12            | 21.26 | 240  | 12159    | 0.40   | ng/ul | 0.00     |
| 22) Perylene-d12            | 23.46 | 264  | 10472    | 0.40   | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 2) 1,4-Dioxane-d8           | 3.14  | 96   | 4449     | 1.08   | ng/uL | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.04 | 152  | 5110     | 0.20   | ng/ul | 0.00     |
| 16) Fluoranthene-d10        | 19.09 | 212  | 6769     | 0.18   | ng/ul | 0.00     |
| Target Compounds            |       |      |          | Qvalue |       |          |
| 3) 1,4-Dioxane              | 3.17  | 88   | 7542     | 1.17   | ng/ul | 93       |
| 5) Naphthalene              | 10.49 | 128  | 10874    | 0.21   | ng/ul | 98       |
| 7) 2-Methylnaphthalene      | 12.12 | 142  | 6953     | 0.20   | ng/ul | 99       |
| 9) Acenaphthylene           | 14.03 | 152  | 8967     | 0.22   | ng/ul | 99       |
| 10) Acenaphthene            | 14.38 | 153  | 7302     | 0.22   | ng/ul | 99       |
| 11) Fluorene                | 15.36 | 166  | 8003     | 0.21   | ng/ul | 95       |
| 13) Pentachlorophenol       | 16.72 | 266  | 195      | 0.10   | ng/ul | 97       |
| 14) Phenanthrene            | 17.10 | 178  | 11601    | 0.20   | ng/ul | 99       |
| 15) Anthracene              | 17.19 | 178  | 9791     | 0.20   | ng/ul | 98       |
| 17) Fluoranthene            | 19.12 | 202  | 10376    | 0.17   | ng/ul | 99       |
| 19) Pyrene                  | 19.49 | 202  | 10586    | 0.20   | ng/ul | 98       |
| 20) Benzo(a)anthracene      | 21.24 | 228  | 6899     | 0.20   | ng/ul | 100      |
| 21) Chrysene                | 21.29 | 228  | 8310     | 0.20   | ng/ul | 99       |
| 23) Benzo(b)fluoranthene    | 22.79 | 252  | 6764     | 0.19   | ng/ul | 95       |
| 24) Benzo(k)fluoranthene    | 22.84 | 252  | 7944m    | 0.21   | ng/ul |          |
| 25) Benzo(a)pyrene          | 23.36 | 252  | 7393     | 0.21   | ng/ul | 92       |
| 26) Indeno(1,2,3-cd)pyrene  | 25.68 | 276  | 7443     | 0.19   | ng/ul | 96       |
| 27) Dibenzo(a,h)anthracene  | 25.69 | 278  | 5823     | 0.19   | ng/ul | 95       |
| 28) Benzo(g,h,i)perylene    | 26.35 | 276  | 6370     | 0.19   | ng/ul | 97       |

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

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