

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030317\  
 Data File : BM009068.D  
 Acq On : 03 Mar 2017 14:52  
 Operator : SJ/MA  
 Sample : SSTD0.436  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.436

Manual Integrations  
 APPROVED

mohammad  
 3/6/2017 3:16:43 PM

Quant Time: Mar 03 15:28:35 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 03 15:23:38 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.90  | 152  | 118      | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.69 | 136  | 334      | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.54 | 164  | 188      | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.28 | 188  | 444      | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.45 | 240  | 556      | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.78 | 264  | 567      | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 217      | 0.39 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.30 | 212  | 554      | 0.42 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
|                             |       |      |          |      | Ovalue |          |
| 3) Naphthalene              | 10.74 | 128  | 380      | 0.41 | ng/ul# | 70       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 269      | 0.40 | ng/ul  | 96       |
| 7) Acenaphthylene           | 14.25 | 152  | 376      | 0.45 | ng/ul# | 75       |
| 8) Acenaphthene             | 14.59 | 153  | 287      | 0.48 | ng/ul  | 93       |
| 9) Fluorene                 | 15.58 | 166  | 355      | 0.48 | ng/ul# | 93       |
| 11) Pentachlorophenol       | 16.92 | 266  | 91       | 0.45 | ng/ul  | 95       |
| 12) Phenanthrene            | 17.31 | 178  | 545      | 0.40 | ng/ul# | 86       |
| 13) Anthracene              | 17.40 | 178  | 550      | 0.42 | ng/ul# | 87       |
| 15) Fluoranthene            | 19.33 | 202  | 730      | 0.43 | ng/ul  | 92       |
| 17) Pyrene                  | 19.69 | 202  | 728      | 0.33 | ng/ul# | 89       |
| 18) Benzo(a)anthracene      | 21.43 | 228  | 750      | 0.36 | ng/ul  | 92       |
| 19) Chrysene                | 21.48 | 228  | 690m     | 0.35 | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 23.08 | 252  | 854      | 0.35 | ng/ul  | 87       |
| 22) Benzo(k)fluoranthene    | 23.12 | 252  | 746      | 0.35 | ng/ul# | 88       |
| 23) Benzo(a)pyrene          | 23.68 | 252  | 787      | 0.36 | ng/ul# | 88       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.17 | 276  | 1047     | 0.41 | ng/ul# | 87       |
| 25) Dibenzo(a,h)anthracene  | 26.18 | 278  | 894      | 0.44 | ng/ul  | 92       |
| 26) Benzo(g,h,i)perylene    | 26.90 | 276  | 904      | 0.40 | ng/ul# | 89       |

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

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