

Data Path : Z:\HPCHEM1\BNA M\DATA\BM053017\  
 Data File : BM010303.D  
 Acq On : 30 May 2017 10:01  
 Operator : SJ/MA  
 Sample : SSTD0.208  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.208

Manual Integrations  
 APPROVED

mohammad  
 5/31/2017 2:58:10 PM

Quant Time: May 30 13:03:43 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM053017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 30 13:00:07 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.93  | 152  | 842      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.74 | 136  | 2506     | 0.40   | ng/ul  | 0.01     |
| 6) Acenaphthene-d10         | 14.55 | 164  | 1362     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.30 | 188  | 2996     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.47 | 240  | 2521     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.82 | 264  | 2641     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.31 | 152  | 708      | 0.19   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.33 | 212  | 1437     | 0.16   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.78 | 128  | 1311     | 0.20   | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.38 | 142  | 907      | 0.19   | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.28 | 152  | 1331     | 0.20   | ng/ul  | 95       |
| 8) Acenaphthene             | 14.62 | 153  | 1016     | 0.19   | ng/ul  | 93       |
| 9) Fluorene                 | 15.62 | 166  | 1196     | 0.19   | ng/ul  | 96       |
| 11) Pentachlorophenol       | 16.95 | 266  | 211      | 0.18   | ng/ul  | 89       |
| 12) Phenanthrene            | 17.35 | 178  | 1850     | 0.21   | ng/ul# | 93       |
| 13) Anthracene              | 17.43 | 178  | 1724     | 0.19   | ng/ul  | 98       |
| 15) Fluoranthene            | 19.35 | 202  | 2154     | 0.18   | ng/ul  | 98       |
| 17) Pyrene                  | 19.73 | 202  | 2211     | 0.26   | ng/ul# | 94       |
| 18) Benzo(a)anthracene      | 21.45 | 228  | 2015     | 0.24   | ng/ul  | 95       |
| 19) Chrysene                | 21.50 | 228  | 1948m    | 0.25   | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 23.10 | 252  | 2294     | 0.25   | ng/ul  | 70       |
| 22) Benzo(k)fluoranthene    | 23.14 | 252  | 2185     | 0.25   | ng/ul# | 69       |
| 23) Benzo(a)pyrene          | 23.70 | 252  | 2188     | 0.25   | ng/ul# | 70       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.21 | 276  | 2821     | 0.28   | ng/ul# | 92       |
| 25) Dibenzo(a,h)anthracene  | 26.22 | 278  | 2238     | 0.27   | ng/ul# | 83       |
| 26) Benzo(g,h,i)perylene    | 26.95 | 276  | 2481     | 0.29   | ng/ul# | 93       |

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

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