

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\  
 Data File : BM008460.D  
 Acq On : 20 Dec 2016 02:25  
 Operator : UM/SJ  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.448

Manual Integrations  
 APPROVED

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 12/20/2016 6:31:21 PM

Quant Time: Dec 20 04:49:58 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 20 03:40:00 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.73  | 152  | 247      | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.49 | 136  | 967      | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.31 | 164  | 561      | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.09 | 188  | 1054     | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.28 | 240  | 959      | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.51 | 264  | 870      | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.10 | 152  | 568      | 0.38 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.11 | 212  | 1075     | 0.37 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
|                             |       |      |          |      | Ovalue |          |
| 3) Naphthalene              | 10.54 | 128  | 1053     | 0.39 | ng/ul# | 73       |
| 5) 2-Methylnaphthalene      | 12.17 | 142  | 690      | 0.38 | ng/ul  | 95       |
| 7) Acenaphthylene           | 14.04 | 152  | 1023     | 0.40 | ng/ul# | 88       |
| 8) Acenaphthene             | 14.38 | 153  | 790      | 0.41 | ng/ul  | 96       |
| 9) Fluorene                 | 15.39 | 166  | 863      | 0.40 | ng/ul# | 85       |
| 11) Pentachlorophenol       | 16.80 | 266  | 102      | 0.31 | ng/ul  | 98       |
| 12) Phenanthrene            | 17.12 | 178  | 1261     | 0.39 | ng/ul# | 92       |
| 13) Anthracene              | 17.23 | 178  | 1320m    | 0.42 | ng/ul  |          |
| 15) Fluoranthene            | 19.15 | 202  | 1510     | 0.38 | ng/ul  | 93       |
| 17) Pyrene                  | 19.51 | 202  | 1567     | 0.42 | ng/ul# | 92       |
| 18) Benzo(a)anthracene      | 21.27 | 228  | 1181     | 0.38 | ng/ul  | 92       |
| 19) Chrysene                | 21.31 | 228  | 1490m    | 0.43 | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 22.83 | 252  | 1342     | 0.39 | ng/ul  | 92       |
| 22) Benzo(k)fluoranthene    | 22.88 | 252  | 1325     | 0.40 | ng/ul# | 90       |
| 23) Benzo(a)pyrene          | 23.41 | 252  | 1241     | 0.39 | ng/ul# | 89       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.76 | 276  | 1488     | 0.39 | ng/ul# | 91       |
| 25) Dibenzo(a,h)anthracene  | 25.76 | 278  | 1190     | 0.39 | ng/ul# | 82       |
| 26) Benzo(g,h,i)perylene    | 26.44 | 276  | 1294     | 0.40 | ng/ul# | 90       |

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

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