

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\  
 Data File : BM008258.D  
 Acq On : 12 Dec 2016 09:43  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.434

Manual Integrations  
 APPROVED

umangi  
 12/13/2016 6:12:56 PM

Quant Time: Dec 13 02:28:14 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 12 03:51:49 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.70  | 152  | 658      | 0.40 | ng/ul  | -0.02    |
| 2) Naphthalene-d8           | 10.48 | 136  | 2215     | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.33 | 164  | 1251     | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.09 | 188  | 2135m    | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.28 | 240  | 1825     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.51 | 264  | 1821     | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.07 | 152  | 1259     | 0.40 | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.12 | 212  | 2194m    | 0.36 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        | Ovalue   |
| 3) Naphthalene              | 10.52 | 128  | 2425     | 0.39 | ng/ul  | 97       |
| 5) 2-Methylnaphthalene      | 12.14 | 142  | 1576     | 0.39 | ng/ul  | 97       |
| 7) Acenaphthylene           | 14.04 | 152  | 2206     | 0.39 | ng/ul  | 97       |
| 8) Acenaphthene             | 14.38 | 153  | 1629     | 0.38 | ng/ul  | 93       |
| 9) Fluorene                 | 15.39 | 166  | 1763     | 0.36 | ng/ul  | 95       |
| 11) Pentachlorophenol       | 16.76 | 266  | 258      | 0.35 | ng/ul  | 98       |
| 12) Phenanthrene            | 17.12 | 178  | 2543     | 0.38 | ng/ul  | 95       |
| 13) Anthracene              | 17.21 | 178  | 2441     | 0.39 | ng/ul  | 98       |
| 15) Fluoranthene            | 19.14 | 202  | 2982m    | 0.35 | ng/ul  |          |
| 17) Pyrene                  | 19.51 | 202  | 3137     | 0.50 | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.26 | 228  | 2621     | 0.47 | ng/ul  | 99       |
| 19) Chrysene                | 21.31 | 228  | 2480     | 0.36 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.84 | 252  | 2563     | 0.35 | ng/ul  | 96       |
| 22) Benzo(k)fluoranthene    | 22.89 | 252  | 2832     | 0.38 | ng/ul  | 94       |
| 23) Benzo(a)pyrene          | 23.42 | 252  | 2645     | 0.39 | ng/ul# | 94       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.77 | 276  | 3188     | 0.38 | ng/ul# | 93       |
| 25) Dibenzo(a,h)anthracene  | 25.77 | 278  | 2508     | 0.37 | ng/ul  | 95       |
| 26) Benzo(a,h,i)perylene    | 26.45 | 276  | 2753     | 0.37 | ng/ul  | 94       |

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

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