

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\  
 Data File : BM008475.D  
 Acq On : 20 Dec 2016 11:58  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.449

Quant Time: Dec 20 12:31:15 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 19 14:18:36 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.68  | 152  | 379      | 0.40   | ng/ul  | -0.02    |
| 2) Naphthalene-d8           | 10.45 | 136  | 1301     | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.30 | 164  | 708      | 0.40   | ng/ul  | -0.02    |
| 10) Phenanthrene-d10        | 17.06 | 188  | 1304     | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.26 | 240  | 1501     | 0.40   | ng/ul  | -0.01    |
| 20) Perylene-d12            | 23.48 | 264  | 1305     | 0.40   | ng/ul  | -0.02    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.05 | 152  | 740      | 0.37   | ng/ul  | -0.04    |
| 14) Fluoranthene-d10        | 19.10 | 212  | 1469     | 0.41   | ng/ul  | -0.02    |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.50 | 128  | 1426     | 0.39   | ng/ul# | 87       |
| 5) 2-Methylnaphthalene      | 12.12 | 142  | 926      | 0.38   | ng/ul  | 97       |
| 7) Acenaphthylene           | 14.02 | 152  | 1300     | 0.41   | ng/ul# | 92       |
| 8) Acenaphthene             | 14.37 | 153  | 971      | 0.40   | ng/ul  | 97       |
| 9) Fluorene                 | 15.38 | 166  | 1086     | 0.39   | ng/ul# | 96       |
| 11) Pentachlorophenol       | 16.75 | 266  | 228      | 0.56   | ng/ul  | 99       |
| 12) Phenanthrene            | 17.11 | 178  | 1550     | 0.39   | ng/ul# | 87       |
| 13) Anthracene              | 17.19 | 178  | 1664     | 0.43   | ng/ul# | 85       |
| 15) Fluoranthene            | 19.12 | 202  | 1941     | 0.40   | ng/ul  | 83       |
| 17) Pyrene                  | 19.48 | 202  | 2137     | 0.37   | ng/ul# | 81       |
| 18) Benzo(a)anthracene      | 21.24 | 228  | 1831     | 0.37   | ng/ul# | 66       |
| 19) Chrysene                | 21.29 | 228  | 1689     | 0.31   | ng/ul# | 63       |
| 21) Benzo(b)fluoranthene    | 22.82 | 252  | 1895     | 0.37   | ng/ul# | 24       |
| 22) Benzo(k)fluoranthene    | 22.86 | 252  | 1906     | 0.38   | ng/ul# | 18       |
| 23) Benzo(a)pyrene          | 23.39 | 252  | 1853     | 0.39   | ng/ul# | 14       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.71 | 276  | 2288     | 0.40   | ng/ul  | 95       |
| 25) Dibenzo(a,h)anthracene  | 25.72 | 278  | 1856     | 0.41   | ng/ul# | 46       |
| 26) Benzo(g,h,i)perylene    | 26.40 | 276  | 1983     | 0.41   | ng/ul# | 68       |

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

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