

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\  
 Data File : BM008549.D  
 Acq On : 22 Dec 2016 11:02  
 Operator : UM/SJ  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDC0.457

Manual Integrations  
 APPROVED

umangi  
 12/23/2016 6:10:41 PM

Quant Time: Dec 22 13:28:36 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 13:21:10 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.70  | 152  | 372      | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.46 | 136  | 1369     | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 811      | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.07 | 188  | 1507     | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.26 | 240  | 1606     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.49 | 264  | 1470     | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.07 | 152  | 801      | 0.38 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.10 | 212  | 1696     | 0.41 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      | Ovalue |          |
| 3) Naphthalene              | 10.51 | 128  | 1518     | 0.39 | ng/ul# | 84       |
| 5) 2-Methylnaphthalene      | 12.14 | 142  | 976      | 0.38 | ng/ul  | 95       |
| 7) Acenaphthylene           | 14.02 | 152  | 1377     | 0.38 | ng/ul  | 92       |
| 8) Acenaphthene             | 14.37 | 153  | 1092     | 0.40 | ng/ul  | 98       |
| 9) Fluorene                 | 15.38 | 166  | 1194     | 0.38 | ng/ul  | 92       |
| 11) Pentachlorophenol       | 16.76 | 266  | 181      | 0.39 | ng/ul  | 91       |
| 12) Phenanthrene            | 17.11 | 178  | 1781     | 0.39 | ng/ul# | 96       |
| 13) Anthracene              | 17.21 | 178  | 1866m    | 0.42 | ng/ul  |          |
| 15) Fluoranthene            | 19.13 | 202  | 2321     | 0.41 | ng/ul  | 95       |
| 17) Pyrene                  | 19.50 | 202  | 2460     | 0.40 | ng/ul  | 96       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 2053     | 0.39 | ng/ul# | 88       |
| 19) Chrysene                | 21.29 | 228  | 2150     | 0.37 | ng/ul# | 85       |
| 21) Benzo(b)fluoranthene    | 22.82 | 252  | 2285     | 0.39 | ng/ul  | 78       |
| 22) Benzo(k)fluoranthene    | 22.87 | 252  | 2040     | 0.36 | ng/ul# | 73       |
| 23) Benzo(a)pyrene          | 23.40 | 252  | 2140     | 0.40 | ng/ul# | 80       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.73 | 276  | 2502     | 0.39 | ng/ul# | 93       |
| 25) Dibenzo(a,h)anthracene  | 25.73 | 278  | 1956     | 0.38 | ng/ul# | 74       |
| 26) Benzo(g,h,i)perylene    | 26.42 | 276  | 2153     | 0.39 | ng/ul# | 89       |

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

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