

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
 Data File : BM022661.D  
 Acq On : 11 Sep 2019 17:32  
 Operator : HP/JU  
 Sample : SSTDC00.4EC  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.462

Quant Time: Sep 11 19:12:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 10 15:06:45 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.85  | 152  | 12066    | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.64 | 136  | 48936    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.48 | 164  | 27031    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.21 | 188  | 64109    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.39 | 240  | 56568    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.67 | 264  | 47839    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.23 | 152  | 27722    | 0.35   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.24 | 212  | 62506    | 0.36   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.69 | 128  | 47550    | 0.341  | ng/ul  | 100      |
| 5) 2-Methylnaphthalene      | 12.30 | 142  | 32506    | 0.340  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.20 | 152  | 41920    | 0.335  | ng/ul  | 100      |
| 8) Acenaphthene             | 14.54 | 153  | 34209    | 0.327  | ng/ul  | 99       |
| 9) Fluorene                 | 15.52 | 166  | 39418    | 0.328  | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.87 | 266  | 4214     | 0.324  | ng/ul  | 100      |
| 12) Phenanthrene            | 17.25 | 178  | 66887    | 0.327  | ng/ul  | 100      |
| 13) Anthracene              | 17.34 | 178  | 57263    | 0.327  | ng/ul  | 100      |
| 15) Fluoranthene            | 19.27 | 202  | 77262    | 0.351  | ng/ul  | 99       |
| 17) Pyrene                  | 19.63 | 202  | 77102    | 0.301  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.37 | 228  | 71048    | 0.328  | ng/ul  | 99       |
| 19) Chrysene                | 21.43 | 228  | 73148    | 0.321  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.98 | 252  | 68706    | 0.331  | ng/ul  | 99       |
| 22) Benzo(k)fluoranthene    | 23.03 | 252  | 67838    | 0.320  | ng/ul  | 99       |
| 23) Benzo(a)pyrene          | 23.57 | 252  | 60052    | 0.330  | ng/ul  | 98       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.99 | 276  | 64413    | 0.290  | ng/ul# | 97       |
| 25) Dibenzo(a,h)anthracene  | 26.00 | 278  | 52454    | 0.293  | ng/ul  | 99       |
| 26) Benzo(g,h,i)perylene    | 26.70 | 276  | 51661    | 0.292  | ng/ul  | 99       |

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

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