

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120319\  
 Data File : BN008823.D  
 Acq On : 03 Dec 2019 09:47  
 Operator : JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.424

Quant Time: Dec 03 11:07:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 03 11:01:18 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.58  | 152  | 4191     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.35 | 136  | 17327    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.21 | 164  | 9917     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.96 | 188  | 20020    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.16 | 240  | 16392    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.32 | 264  | 14496    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.94 | 152  | 10974    | 0.39  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.99 | 212  | 23978    | 0.39  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Qvalue |          |
| 3) Naphthalene              | 10.39 | 128  | 20164    | 0.386 | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 12.01 | 142  | 14163    | 0.388 | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.93 | 152  | 20568    | 0.375 | ng/ul  | 100      |
| 8) Acenaphthene             | 14.27 | 153  | 14880    | 0.366 | ng/ul  | 99       |
| 9) Fluorene                 | 15.26 | 166  | 16686    | 0.349 | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.62 | 266  | 2108     | 0.278 | ng/ul  | 100      |
| 12) Phenanthrene            | 17.00 | 178  | 27266    | 0.404 | ng/ul  | 100      |
| 13) Anthracene              | 17.09 | 178  | 25963    | 0.407 | ng/ul  | 99       |
| 15) Fluoranthene            | 19.02 | 202  | 31850    | 0.384 | ng/ul  | 97       |
| 17) Pyrene                  | 19.39 | 202  | 32507    | 0.494 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.15 | 228  | 30074    | 0.456 | ng/ul  | 99       |
| 19) Chrysene                | 21.19 | 228  | 28357    | 0.438 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.68 | 252  | 25344    | 0.424 | ng/ul  | 95       |
| 22) Benzo(k)fluoranthene    | 22.72 | 252  | 24578    | 0.415 | ng/ul  | 96       |
| 23) Benzo(a)pyrene          | 23.23 | 252  | 22922    | 0.409 | ng/ul  | 95       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.45 | 276  | 23239    | 0.354 | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 25.46 | 278  | 18906    | 0.357 | ng/ul  | 95       |
| 26) Benzo(g,h,i)perylene    | 26.09 | 276  | 19239    | 0.350 | ng/ul  | 98       |

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

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