

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011320\  
 Data File : BN009359.D  
 Acq On : 13 Jan 2020 10:43  
 Operator : JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.418

Quant Time: Jan 13 12:32:15 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN011020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 13 12:29:58 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.48  | 152  | 1198     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.23 | 136  | 3975     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.11 | 164  | 2355     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.86 | 188  | 5047     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.07 | 240  | 4127     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.19 | 264  | 3988     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.83 | 152  | 2603     | 0.40   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.90 | 212  | 6012     | 0.39   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.28 | 128  | 4825     | 0.404  | ng/ul  | 100      |
| 5) 2-Methylnaphthalene      | 11.91 | 142  | 3287     | 0.400  | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.82 | 152  | 4459     | 0.371  | ng/ul  | 99       |
| 8) Acenaphthene             | 14.17 | 153  | 3647     | 0.377  | ng/ul  | 99       |
| 9) Fluorene                 | 15.17 | 166  | 4195     | 0.378  | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.54 | 266  | 443      | 0.321  | ng/ul  | 98       |
| 12) Phenanthrene            | 16.90 | 178  | 6970     | 0.400  | ng/ul  | 99       |
| 13) Anthracene              | 17.00 | 178  | 5948     | 0.385  | ng/ul  | 99       |
| 15) Fluoranthene            | 18.93 | 202  | 7898     | 0.382  | ng/ul  | 99       |
| 17) Pyrene                  | 19.29 | 202  | 8074     | 0.407  | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.05 | 228  | 6620     | 0.366  | ng/ul  | 99       |
| 19) Chrysene                | 21.10 | 228  | 8118     | 0.415  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.56 | 252  | 7188     | 0.406  | ng/ul  | 99       |
| 22) Benzo(k)fluoranthene    | 22.60 | 252  | 8161     | 0.405  | ng/ul  | 97       |
| 23) Benzo(a)pyrene          | 23.09 | 252  | 6744     | 0.381  | ng/ul  | 98       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.26 | 276  | 7861     | 0.398  | ng/ul# | 99       |
| 25) Dibenzo(a,h)anthracene  | 25.28 | 278  | 6201     | 0.397  | ng/ul  | 97       |
| 26) Benzo(g,h,i)perylene    | 25.89 | 276  | 7067     | 0.408  | ng/ul  | 99       |

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

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