

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\  
 Data File : BN012800.D  
 Acq On : 02 Dec 2020 02:04  
 Operator : CG/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.417

Quant Time: Dec 02 02:34:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 02 00:53:21 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.42  | 152  | 673      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.19 | 136  | 2659     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.08 | 164  | 1509     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.84 | 188  | 3153     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.05 | 240  | 3033     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.16 | 264  | 2996     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.79 | 152  | 1630     | 0.42   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.87 | 212  | 3237     | 0.39   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.24 | 128  | 3317     | 0.414  | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 11.86 | 142  | 2291     | 0.448  | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.80 | 152  | 3316     | 0.451  | ng/ul  | 99       |
| 8) Acenaphthene             | 14.14 | 153  | 2515     | 0.406  | ng/ul  | 98       |
| 9) Fluorene                 | 15.14 | 166  | 2833     | 0.416  | ng/ul  | 97       |
| 11) Pentachlorophenol       | 16.50 | 266  | 460      | 0.459  | ng/ul  | 94       |
| 12) Phenanthrene            | 16.88 | 178  | 4476     | 0.408  | ng/ul  | 98       |
| 13) Anthracene              | 16.97 | 178  | 4018     | 0.421  | ng/ul  | 99       |
| 15) Fluoranthene            | 18.91 | 202  | 5548     | 0.438  | ng/ul  | 98       |
| 17) Pyrene                  | 19.27 | 202  | 5703     | 0.420  | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.03 | 228  | 5581     | 0.513  | ng/ul  | 99       |
| 19) Chrysene                | 21.09 | 228  | 6670     | 0.491  | ng/ul  | 100      |
| 21) Benzo(b)fluoranthene    | 22.54 | 252  | 6612     | 0.480  | ng/ul  | 94       |
| 22) Benzo(k)fluoranthene    | 22.58 | 252  | 7295     | 0.459  | ng/ul  | 97       |
| 23) Benzo(a)pyrene          | 23.07 | 252  | 6303     | 0.486  | ng/ul  | 92       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.23 | 276  | 8131     | 0.479  | ng/ul# | 98       |
| 25) Dibenzo(a,h)anthracene  | 25.24 | 278  | 6499     | 0.477  | ng/ul  | 95       |
| 26) Benzo(g,h,i)perylene    | 25.86 | 276  | 6986     | 0.458  | ng/ul  | 98       |

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

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