

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050719\  
 Data File : BN005493.D  
 Acq On : 06 May 2019 19:54  
 Operator : JU/SJ  
 Sample : SSTD1.662  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD1.662

Quant Time: May 07 02:51:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 07 02:47:55 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.60  | 152  | 1905     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.36 | 136  | 7328     | 0.40  | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.23 | 164  | 4454     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.98 | 188  | 11132    | 0.40  | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.22 | 240  | 11814    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.43 | 264  | 13006    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.96 | 152  | 19888    | 1.71  | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 19.03 | 212  | 57734    | 1.81  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.41 | 128  | 31459    | 1.576 | ng/ul  | 96       |
| 5) 2-Methylnaphthalene      | 12.03 | 142  | 23190    | 1.645 | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.95 | 152  | 37478    | 1.675 | ng/ul  | 97       |
| 8) Acenaphthene             | 14.29 | 153  | 26202    | 1.589 | ng/ul  | 98       |
| 9) Fluorene                 | 15.29 | 166  | 31671    | 1.661 | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.65 | 266  | 5070     | 1.878 | ng/ul  | 91       |
| 12) Phenanthrene            | 17.03 | 178  | 52316    | 1.550 | ng/ul  | 99       |
| 13) Anthracene              | 17.12 | 178  | 52507    | 1.681 | ng/ul  | 97       |
| 15) Fluoranthene            | 19.06 | 202  | 69305    | 1.749 | ng/ul  | 97       |
| 17) Pyrene                  | 19.42 | 202  | 70908    | 1.438 | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.20 | 228  | 70703    | 1.600 | ng/ul  | 99       |
| 19) Chrysene                | 21.26 | 228  | 75819    | 1.612 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.77 | 252  | 70272    | 1.470 | ng/ul  | 96       |
| 22) Benzo(k)fluoranthene    | 22.81 | 252  | 78910    | 1.600 | ng/ul  | 96       |
| 23) Benzo(a)pyrene          | 23.33 | 252  | 72079    | 1.632 | ng/ul# | 95       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.62 | 276  | 81170    | 1.657 | ng/ul# | 99       |
| 25) Dibenzo(a,h)anthracene  | 25.63 | 278  | 66771    | 1.662 | ng/ul  | 95       |
| 26) Benzo(g,h,i)perylene    | 26.28 | 276  | 67277    | 1.616 | ng/ul  | 96       |

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

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