

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021122\  
 Data File : BN018592.D  
 Acq On : 11 Feb 2022 12:15  
 Operator : CG/JU  
 Sample : SSTD0.846  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.8246

Quant Time: Feb 11 13:39:55 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN021122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 11 13:38:34 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.925  | 152  | 5398     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.726 | 136  | 13000    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.553 | 164  | 6603     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.293 | 188  | 13133    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.471 | 240  | 10333    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.874 | 264  | 7923     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.289  | 96   | 5225     | 0.843 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.316 | 152  | 13920    | 0.785 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.318 | 212  | 25603    | 0.867 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.327  | 88   | 5422     | 0.809 | ng/ul# | 72       |
| 5) Naphthalene              | 10.776 | 128  | 29137    | 0.805 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.387 | 142  | 18901    | 0.820 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.607 | 142  | 18882    | 0.797 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.275 | 152  | 21451    | 0.818 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.617 | 153  | 18953    | 0.822 | ng/ul  | 98       |
| 12) Fluorene                | 15.598 | 166  | 21262    | 0.853 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.942 | 266  | 1833     | 0.749 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.335 | 178  | 34654    | 0.806 | ng/ul  | 99       |
| 16) Anthracene              | 17.424 | 178  | 28719    | 0.834 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.346 | 202  | 37185    | 0.907 | ng/ul# | 93       |
| 20) Pyrene                  | 19.708 | 202  | 36644    | 0.868 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.454 | 228  | 28384    | 0.863 | ng/ul  | 100      |
| 22) Chrysene                | 21.506 | 228  | 34158    | 0.849 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.140 | 252  | 30507    | 0.876 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.187 | 252  | 32009    | 0.878 | ng/ul# | 97       |
| 26) Benzo(a)pyrene          | 23.766 | 252  | 24549    | 0.874 | ng/ul# | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.367 | 276  | 32567    | 0.878 | ng/ul# | 81       |
| 28) Dibenzo(a,h)anthracene  | 26.381 | 278  | 25910    | 0.894 | ng/ul# | 95       |
| 29) Benzo(g,h,i)perylene    | 27.125 | 276  | 27634    | 0.836 | ng/ul# | 93       |
| -----                       |        |      |          |       |        |          |

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

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