

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013023\  
 Data File : BN023846.D  
 Acq On : 30 Jan 2023 15:39  
 Operator : CG/JU  
 Sample : SSTD0.271  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.2231

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2023  
 Supervised By :Yogesh Patel 01/31/2023

Quant Time: Jan 31 01:55:33 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN013023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 31 01:55:25 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 2854     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.667 | 136  | 7263     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.511 | 164  | 4559     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.259 | 188  | 10954    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.449 | 240  | 11816    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.852 | 264  | 10874m   | 0.400 | ng/ul  | 0.03     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.248  | 96   | 620      | 0.196 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.262 | 152  | 2352     | 0.211 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.286 | 212  | 6702     | 0.194 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.281  | 88   | 662      | 0.200 | ng/ul# | 86       |
| 5) Naphthalene              | 10.722 | 128  | 4151     | 0.199 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.333 | 142  | 2682     | 0.200 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.553 | 142  | 2770     | 0.202 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.229 | 152  | 3542     | 0.191 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.571 | 153  | 3197     | 0.195 | ng/ul  | 99       |
| 12) Fluorene                | 15.561 | 166  | 3835     | 0.204 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.909 | 266  | 670      | 0.190 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.297 | 178  | 6752     | 0.197 | ng/ul  | 98       |
| 16) Anthracene              | 17.390 | 178  | 5537     | 0.189 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.318 | 202  | 8211     | 0.184 | ng/ul  | 99       |
| 20) Pyrene                  | 19.681 | 202  | 8652     | 0.184 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.432 | 228  | 8377     | 0.192 | ng/ul  | 99       |
| 22) Chrysene                | 21.485 | 228  | 8909     | 0.203 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.118 | 252  | 10197    | 0.203 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.168 | 252  | 9756     | 0.206 | ng/ul# | 94       |
| 26) Benzo(a)pyrene          | 23.738 | 252  | 8297     | 0.198 | ng/ul# | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.326 | 276  | 11820    | 0.227 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.342 | 278  | 9354     | 0.227 | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 27.097 | 276  | 9613     | 0.231 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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