

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033023\  
 Data File : BN024644.D  
 Acq On : 30 Mar 2023 15:53  
 Operator : CG/JU  
 Sample : SSTD1.686  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD1.6248

Quant Time: Mar 30 16:58:12 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN033023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 30 16:20:57 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.004  | 152  | 10426    | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.812 | 136  | 30842    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.638 | 164  | 17139    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.384 | 188  | 35915    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.574 | 240  | 31997    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 24.065 | 264  | 23062    | 0.400 | ng/u1  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.372  | 96   | 16432    | 1.502 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.395 | 152  | 60110    | 1.574 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.408 | 212  | 123102   | 1.565 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.410  | 88   | 17426    | 1.526 | ng/u1  | 94       |
| 5) Naphthalene              | 10.861 | 128  | 118466   | 1.555 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.472 | 142  | 74761    | 1.581 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.687 | 142  | 77352    | 1.561 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.360 | 152  | 100451   | 1.673 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.698 | 153  | 83326    | 1.581 | ng/u1  | 99       |
| 12) Fluorene                | 15.684 | 166  | 96838    | 1.617 | ng/u1  | 98       |
| 14) Pentachlorophenol       | 17.033 | 266  | 13416    | 1.938 | ng/u1  | 98       |
| 15) Phenanthrene            | 17.426 | 178  | 155562   | 1.575 | ng/u1  | 99       |
| 16) Anthracene              | 17.519 | 178  | 139550   | 1.723 | ng/u1  | 99       |
| 19) Fluoranthene            | 19.441 | 202  | 177534   | 1.568 | ng/u1  | 99       |
| 20) Pyrene                  | 19.799 | 202  | 180388   | 1.565 | ng/u1  | 97       |
| 21) Benzo(a)anthracene      | 21.556 | 228  | 154986   | 1.615 | ng/u1  | 99       |
| 22) Chrysene                | 21.612 | 228  | 162264   | 1.519 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 23.299 | 252  | 157120   | 1.650 | ng/u1  | 94       |
| 25) Benzo(k)fluoranthene    | 23.351 | 252  | 153789   | 1.686 | ng/u1# | 93       |
| 26) Benzo(a)pyrene          | 23.942 | 252  | 124438   | 1.665 | ng/u1# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.649 | 276  | 147467   | 1.654 | ng/u1# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.673 | 278  | 118983   | 1.672 | ng/u1  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.451 | 276  | 123880   | 1.605 | ng/u1  | 98       |
| -----                       |        |      |          |       |        |          |

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

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