

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030224\  
 Data File : BN030189.D  
 Acq On : 02 Mar 2024 20:31  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4352

Quant Time: Mar 03 22:48:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN030224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 02 16:09:30 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.834  | 152  | 1321     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.634 | 136  | 3462     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.483 | 164  | 1599     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.247 | 188  | 2787     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.453 | 240  | 2090     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.809 | 264  | 2262     | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.311  | 96   | 801      | 0.438 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.234 | 152  | 2000     | 0.447 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.281 | 212  | 3225     | 0.474 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.345  | 88   | 830      | 0.418 | ng/ul  | 96       |
| 5) Naphthalene              | 10.689 | 128  | 4548     | 0.445 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.317 | 142  | 2435     | 0.440 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.526 | 142  | 2602     | 0.443 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.206 | 152  | 3950     | 0.442 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.548 | 153  | 2877     | 0.438 | ng/ul  | 98       |
| 12) Fluorene                | 15.547 | 166  | 2908     | 0.435 | ng/ul  | 97       |
| 14) Pentachlorophenol       | 16.905 | 266  | 337      | 0.424 | ng/ul  | 96       |
| 15) Phenanthrene            | 17.289 | 178  | 4006     | 0.429 | ng/ul  | 98       |
| 16) Anthracene              | 17.387 | 178  | 3642     | 0.443 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.314 | 202  | 4308     | 0.464 | ng/ul  | 97       |
| 20) Pyrene                  | 19.676 | 202  | 4651     | 0.461 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.438 | 228  | 3279     | 0.444 | ng/ul  | 99       |
| 22) Chrysene                | 21.491 | 228  | 3845     | 0.433 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.093 | 252  | 3681     | 0.422 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.142 | 252  | 4404     | 0.428 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.709 | 252  | 3822     | 0.430 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.249 | 276  | 4869     | 0.429 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.276 | 278  | 3786     | 0.431 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.987 | 276  | 4387     | 0.417 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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