

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071323\  
 Data File : BN026483.D  
 Acq On : 13 Jul 2023 08:23  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4353

Quant Time: Jul 13 17:03:08 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN071223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 13 16:59:14 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.001  | 152  | 4265     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.798 | 136  | 14627    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.621 | 164  | 7718     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.368 | 188  | 12117    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.555 | 240  | 6559     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.990 | 264  | 7614     | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.343  | 96   | 2065     | 0.368 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.387 | 152  | 7648     | 0.385 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.396 | 212  | 11473    | 0.505 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.381  | 88   | 2065     | 0.389 | ng/ul  | 98       |
| 5) Naphthalene              | 10.853 | 128  | 15950    | 0.397 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.464 | 142  | 8901     | 0.391 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.673 | 142  | 9910     | 0.406 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.343 | 152  | 13752    | 0.364 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.681 | 153  | 11375    | 0.395 | ng/ul  | 99       |
| 12) Fluorene                | 15.671 | 166  | 11192    | 0.371 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 17.039 | 266  | 920      | 0.301 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.410 | 178  | 14993    | 0.389 | ng/ul  | 99       |
| 16) Anthracene              | 17.507 | 178  | 12675    | 0.378 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.424 | 202  | 15826    | 0.515 | ng/ul  | 96       |
| 20) Pyrene                  | 19.786 | 202  | 17044    | 0.510 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.538 | 228  | 9013     | 0.374 | ng/ul  | 99       |
| 22) Chrysene                | 21.593 | 228  | 9970     | 0.363 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.248 | 252  | 10554    | 0.356 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.294 | 252  | 11455    | 0.368 | ng/ul# | 94       |
| 26) Benzo(a)pyrene          | 23.885 | 252  | 9557     | 0.362 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.541 | 276  | 11487    | 0.332 | ng/ul  | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.558 | 278  | 8508     | 0.320 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.326 | 276  | 10719    | 0.351 | ng/ul  | 98       |

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

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