

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092223\  
 Data File : BM042004.D  
 Acq On : 23 Sep 2023 02:10  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4093

Quant Time: Sep 23 03:10:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM092223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 22 13:50:58 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.954  | 152  | 5515     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.768 | 136  | 13253    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.601 | 164  | 5947     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.354 | 188  | 11739    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.521 | 240  | 4551     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.933 | 264  | 4367     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.372  | 96   | 3138     | 0.418 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.352 | 152  | 6728     | 0.405 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.375 | 212  | 8663     | 0.462 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.410  | 88   | 3325     | 0.421 | ng/ul  | 93       |
| 5) Naphthalene              | 10.817 | 128  | 17460    | 0.393 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.423 | 142  | 10418    | 0.394 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.643 | 142  | 10547    | 0.393 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.328 | 152  | 15220    | 0.382 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.661 | 153  | 11974    | 0.392 | ng/ul  | 99       |
| 12) Fluorene                | 15.651 | 166  | 13463    | 0.391 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.982 | 266  | 2299     | 0.370 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.396 | 178  | 20776    | 0.382 | ng/ul  | 100      |
| 16) Anthracene              | 17.489 | 178  | 18140    | 0.386 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.403 | 202  | 21524    | 0.418 | ng/ul  | 100      |
| 20) Pyrene                  | 19.770 | 202  | 21607    | 0.427 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.507 | 228  | 13470    | 0.390 | ng/ul  | 99       |
| 22) Chrysene                | 21.559 | 228  | 14340    | 0.402 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.187 | 252  | 13781    | 0.410 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.237 | 252  | 13544    | 0.414 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.824 | 252  | 11284    | 0.408 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.434 | 276  | 15264    | 0.402 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.454 | 278  | 11077    | 0.404 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.206 | 276  | 13167    | 0.413 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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