

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030923\  
 Data File : BM038971.D  
 Acq On : 10 Mar 2023 08:26  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4077

Quant Time: Mar 10 23:14:01 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM030323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 09 13:36:03 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.991  | 152  | 10098    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.805 | 136  | 33464    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.628 | 164  | 18553    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.370 | 188  | 38104    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.553 | 240  | 27248    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.999 | 264  | 18376    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.375  | 96   | 4796     | 0.420 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.389 | 152  | 16828    | 0.416 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.398 | 212  | 30758    | 0.474 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.413  | 88   | 5166     | 0.447 | ng/ul  | 96       |
| 5) Naphthalene              | 10.855 | 128  | 32277    | 0.403 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.461 | 142  | 20014    | 0.412 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.681 | 142  | 20745    | 0.407 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.350 | 152  | 25800    | 0.382 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.688 | 153  | 22107    | 0.398 | ng/ul  | 98       |
| 12) Fluorene                | 15.673 | 166  | 25194    | 0.402 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.016 | 266  | 2770     | 0.302 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.412 | 178  | 40146    | 0.399 | ng/ul  | 99       |
| 16) Anthracene              | 17.505 | 178  | 33183    | 0.400 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.426 | 202  | 42616    | 0.462 | ng/ul  | 100      |
| 20) Pyrene                  | 19.788 | 202  | 43056    | 0.454 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.535 | 228  | 32882    | 0.427 | ng/ul  | 99       |
| 22) Chrysene                | 21.591 | 228  | 36378    | 0.392 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.251 | 252  | 30722    | 0.428 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.301 | 252  | 30268    | 0.421 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.891 | 252  | 23206    | 0.405 | ng/ul# | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.541 | 276  | 28662    | 0.396 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.561 | 278  | 22993    | 0.417 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.323 | 276  | 23789    | 0.353 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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