

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040623\  
 Data File : BM039356.D  
 Acq On : 07 Apr 2023 16:51  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4081

Quant Time: Apr 07 23:13:52 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM040623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 07 23:05:01 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.891  | 152  | 3813     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.691 | 136  | 17887    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.527 | 164  | 10759    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.282 | 188  | 19397    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.469 | 240  | 14079    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.854 | 264  | 13130    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.259  | 96   | 2798     | 0.396 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.286 | 152  | 9793     | 0.474 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.311 | 212  | 20882    | 0.476 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.292  | 88   | 2972     | 0.393 | ng/ul  | 94       |
| 5) Naphthalene              | 10.741 | 128  | 18848    | 0.443 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.357 | 142  | 11112    | 0.465 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.572 | 142  | 12425    | 0.459 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.250 | 152  | 18975    | 0.455 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.592 | 153  | 14817    | 0.451 | ng/ul  | 100      |
| 12) Fluorene                | 15.582 | 166  | 15616    | 0.477 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.940 | 266  | 1946     | 0.421 | ng/ul# | 81       |
| 15) Phenanthrene            | 17.320 | 178  | 22618    | 0.420 | ng/ul  | 99       |
| 16) Anthracene              | 17.417 | 178  | 18066    | 0.441 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.338 | 202  | 27242    | 0.467 | ng/ul  | 100      |
| 20) Pyrene                  | 19.701 | 202  | 29845    | 0.447 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.451 | 228  | 17004    | 0.524 | ng/ul  | 100      |
| 22) Chrysene                | 21.504 | 228  | 19828    | 0.498 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.129 | 252  | 18913    | 0.454 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.176 | 252  | 19454    | 0.490 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.749 | 252  | 18138    | 0.432 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.337 | 276  | 22764    | 0.431 | ng/ul  | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.354 | 278  | 17072    | 0.461 | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 27.088 | 276  | 20327    | 0.401 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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