

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
 Data File : BM040323.D  
 Acq On : 19 Jun 2023 20:28  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4125

Quant Time: Jun 20 01:22:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 00:31:16 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.970  | 152  | 7303     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.778 | 136  | 28429    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.605 | 164  | 14602    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.349 | 188  | 28791    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.526 | 240  | 24386    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.950 | 264  | 26802    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.346  | 96   | 3618     | 0.401 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.362 | 152  | 15181    | 0.421 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.375 | 212  | 27566    | 0.453 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.380  | 88   | 3897     | 0.411 | ng/ul# | 53       |
| 5) Naphthalene              | 10.828 | 128  | 27840    | 0.413 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.439 | 142  | 17574    | 0.420 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.653 | 142  | 17903    | 0.408 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.327 | 152  | 26194    | 0.513 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.670 | 153  | 19071    | 0.436 | ng/ul  | 99       |
| 12) Fluorene                | 15.650 | 166  | 20619    | 0.423 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 17.007 | 266  | 2779     | 0.473 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.391 | 178  | 31403    | 0.415 | ng/ul  | 100      |
| 16) Anthracene              | 17.480 | 178  | 30098    | 0.469 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.403 | 202  | 37126    | 0.447 | ng/ul  | 99       |
| 20) Pyrene                  | 19.765 | 202  | 39631    | 0.459 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.509 | 228  | 34931    | 0.485 | ng/ul  | 97       |
| 22) Chrysene                | 21.561 | 228  | 34208    | 0.450 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.210 | 252  | 36808    | 0.373 | ng/ul  | 89       |
| 25) Benzo(k)fluoranthene    | 23.257 | 252  | 36680    | 0.394 | ng/ul# | 91       |
| 26) Benzo(a)pyrene          | 23.841 | 252  | 32772    | 0.404 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.467 | 276  | 41631    | 0.406 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.484 | 278  | 33196    | 0.403 | ng/ul  | 92       |
| 29) Benzo(g,h,i)perylene    | 27.245 | 276  | 34585    | 0.403 | ng/ul  | 93       |

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

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