

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062923\  
 Data File : BM040458.D  
 Acq On : 30 Jun 2023 04:29  
 Operator : MA/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4138

Quant Time: Jun 30 05:04:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 23 00:44:24 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.940  | 152  | 7123     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.751 | 136  | 25669    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.582 | 164  | 11311    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.328 | 188  | 18870    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.509 | 240  | 12046    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.923 | 264  | 12785    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.329  | 96   | 3951     | 0.353 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.340 | 152  | 14027    | 0.390 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.356 | 212  | 15551    | 0.403 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.363  | 88   | 3936     | 0.346 | ng/ul  | 96       |
| 5) Naphthalene              | 10.794 | 128  | 27857    | 0.393 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.411 | 142  | 15998    | 0.385 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.626 | 142  | 15715    | 0.378 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.299 | 152  | 20154    | 0.399 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.642 | 153  | 16218    | 0.380 | ng/ul  | 99       |
| 12) Fluorene                | 15.632 | 166  | 16511    | 0.362 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.982 | 266  | 1690     | 0.465 | ng/ul  | 93       |
| 15) Phenanthrene            | 17.370 | 178  | 21866    | 0.373 | ng/ul  | 100      |
| 16) Anthracene              | 17.463 | 178  | 18699    | 0.380 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.384 | 202  | 20199    | 0.395 | ng/ul  | 99       |
| 20) Pyrene                  | 19.747 | 202  | 21134    | 0.385 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.491 | 228  | 16386    | 0.402 | ng/ul  | 99       |
| 22) Chrysene                | 21.544 | 228  | 17400    | 0.374 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.184 | 252  | 18632    | 0.377 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.230 | 252  | 17556    | 0.360 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.815 | 252  | 16651    | 0.374 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.424 | 276  | 22776    | 0.367 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.440 | 278  | 17989    | 0.370 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.198 | 276  | 19424    | 0.357 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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