

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050523\  
 Data File : BM039859.D  
 Acq On : 05 May 2023 23:33  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4099

Quant Time: May 06 00:15:45 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 05 18:01:55 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.851  | 152  | 3        | 0.400  | ng/ul  | #-0.01   |
| 4) Naphthalene-d8           | 10.612 | 136  | 7        | 0.400  | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.437 | 164  | 3        | 0.400  | ng/ul  | #-0.01   |
| 13) Phenanthrene-d10        | 17.204 | 188  | 3        | 0.400  | ng/ul  | #-0.01   |
| 17) Chrysene-d12            | 21.397 | 240  | 2        | 0.400  | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.744 | 264  | 3        | 0.400  | ng/ul  | #-0.01   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.163  | 96   | 16       | 3.619  | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 12.195 | 152  | 9        | 1.002  | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 19.234 | 212  | 2        | 0.372  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane              | 3.189  | 88   | 45       | 9.825  | ng/ul# | 56       |
| 5) Naphthalene              | 10.672 | 128  | 3        | 0.171  | ng/ul# | 1        |
| 7) 2-Methylnaphthalene      | 12.272 | 142  | 3        | 0.296  | ng/ul  | 91       |
| 8) 1-Methylnaphthalene      | 12.437 | 142  | 2        | 0.184  | ng/ul  | 91       |
| 10) Acenaphthylene          | 14.210 | 152  | 19       | 1.636  | ng/ul# | 1        |
| 11) Acenaphthene            | 14.460 | 153  | 3        | 0.329  | ng/ul# | 72       |
| 12) Fluorene                | 15.510 | 166  | 2        | 0.198  | ng/ul# | 50       |
| 14) Pentachlorophenol       | 16.938 | 266  | 3        | 4.588  | ng/ul# | 14       |
| 15) Phenanthrene            | 17.225 | 178  | 7        | 0.886  | ng/ul# | 1        |
| 16) Anthracene              | 17.331 | 178  | 12       | 1.768  | ng/ul# | 1        |
| 19) Fluoranthene            | 19.290 | 202  | 156      | 21.863 | ng/ul# | 1        |
| 20) Pyrene                  | 19.652 | 202  | 189      | 24.529 | ng/ul# | 1        |
| 21) Benzo(a)anthracene      | 21.353 | 228  | 2        | 0.348  | ng/ul# | 1        |
| 22) Chrysene                | 21.426 | 228  | 124      | 19.055 | ng/ul# | 1        |
| 24) Benzo(b)fluoranthene    | 23.007 | 252  | 9        | 0.854  | ng/ul# | 1        |
| 25) Benzo(k)fluoranthene    | 23.051 | 252  | 131      | 12.211 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.650 | 252  | 20       | 2.114  | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.191 | 276  | 10       | 0.836  | ng/ul# | 49       |
| 28) Dibenzo(a,h)anthracene  | 26.191 | 278  | 19       | 2.047  | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 26.929 | 276  | 15       | 1.439  | ng/ul# | 1        |
| -----                       |        |      |          |        |        |          |

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

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