

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071123\  
 Data File : BM040827.D  
 Acq On : 12 Jul 2023 02:44  
 Operator : MA/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4171

Quant Time: Jul 12 03:25:07 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 : Tue Jul 11 03:54:24 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.883  | 152  | 3136     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.686 | 136  | 11648    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.527 | 164  | 5026     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.282 | 188  | 7781     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.477 | 240  | 5461     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.863 | 264  | 4818     | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.296  | 96   | 1972     | 0.400 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.280 | 152  | 6044     | 0.370 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.315 | 212  | 7054     | 0.403 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.334  | 88   | 1780     | 0.355 | ng/ul# | 89       |
| 5) Naphthalene              | 10.735 | 128  | 12184    | 0.379 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.352 | 142  | 6917     | 0.367 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.572 | 142  | 6469     | 0.343 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.250 | 152  | 8346     | 0.372 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.592 | 153  | 7144     | 0.377 | ng/ul  | 99       |
| 12) Fluorene                | 15.582 | 166  | 7297     | 0.361 | ng/ul  | 97       |
| 14) Pentachlorophenol       | 16.940 | 266  | 615      | 0.410 | ng/ul  | 92       |
| 15) Phenanthrene            | 17.329 | 178  | 9133     | 0.378 | ng/ul  | 97       |
| 16) Anthracene              | 17.422 | 178  | 8157     | 0.402 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.343 | 202  | 9030     | 0.389 | ng/ul  | 98       |
| 20) Pyrene                  | 19.706 | 202  | 9822     | 0.395 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.460 | 228  | 6266     | 0.339 | ng/ul  | 97       |
| 22) Chrysene                | 21.510 | 228  | 7805     | 0.370 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.135 | 252  | 7277     | 0.390 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.181 | 252  | 6864     | 0.374 | ng/ul# | 92       |
| 26) Benzo(a)pyrene          | 23.757 | 252  | 6185     | 0.368 | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.347 | 276  | 8030     | 0.343 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.364 | 278  | 6210     | 0.339 | ng/ul# | 93       |
| 29) Benzo(g,h,i)perylene    | 27.102 | 276  | 7217     | 0.352 | ng/ul  | 97       |

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

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