

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070821\  
 Data File : BM030902.D  
 Acq On : 09 Jul 2021 02:22  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4718

Quant Time: Jul 09 04:01:29 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 09 02:52:26 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.767  | 152  | 2518     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.553 | 136  | 10135    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.398 | 164  | 5278     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.144 | 188  | 8750     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.310 | 240  | 5584     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.557 | 264  | 5350     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.272  | 96   | 1018     | 0.371 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.150 | 152  | 5931     | 0.372 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.160 | 212  | 7613     | 0.475 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.303  | 88   | 990      | 0.349 | ng/ul  | 97       |
| 5) Naphthalene              | 10.602 | 128  | 10878    | 0.377 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.226 | 142  | 7160     | 0.368 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.437 | 142  | 6911     | 0.365 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.121 | 152  | 8557     | 0.363 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.462 | 153  | 7380     | 0.387 | ng/ul  | 100      |
| 12) Fluorene                | 15.455 | 166  | 7650     | 0.363 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.811 | 266  | 1032     | 0.361 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.186 | 178  | 10473    | 0.356 | ng/ul  | 99       |
| 16) Anthracene              | 17.280 | 178  | 9153     | 0.355 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.195 | 202  | 10457    | 0.424 | ng/ul  | 100      |
| 20) Pyrene                  | 19.553 | 202  | 10719    | 0.433 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.298 | 228  | 7476     | 0.336 | ng/ul  | 99       |
| 22) Chrysene                | 21.346 | 228  | 9056     | 0.363 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.879 | 252  | 8909     | 0.376 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 22.922 | 252  | 9837     | 0.403 | ng/ul  | 93       |
| 26) Benzo(a)pyrene          | 23.463 | 252  | 7997     | 0.397 | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.840 | 276  | 10555    | 0.402 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.854 | 278  | 8568     | 0.407 | ng/ul# | 92       |
| 29) Benzo(g,h,i)perylene    | 26.523 | 276  | 9386     | 0.411 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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