

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072023\  
 Data File : BM041011.D  
 Acq On : 21 Jul 2023 10:01  
 Operator : MA/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4189

Quant Time: Jul 21 11:21:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 20 05:08:42 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.866  | 152  | 4579     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.669 | 136  | 12431    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.518 | 164  | 5564     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.274 | 188  | 9529     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.469 | 240  | 7517     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.860 | 264  | 8293     | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.284  | 96   | 2257     | 0.300 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.264 | 152  | 6866     | 0.415 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.306 | 212  | 9804     | 0.310 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.317  | 88   | 2250     | 0.284 | ng/ul  | 90       |
| 5) Naphthalene              | 10.719 | 128  | 14006    | 0.412 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.341 | 142  | 7704     | 0.413 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.555 | 142  | 7939     | 0.401 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.240 | 152  | 10035    | 0.431 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.578 | 153  | 8349     | 0.406 | ng/ul  | 100      |
| 12) Fluorene                | 15.573 | 166  | 8239     | 0.387 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.936 | 266  | 957      | 0.498 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.316 | 178  | 11665    | 0.410 | ng/ul  | 100      |
| 16) Anthracene              | 17.409 | 178  | 9439     | 0.425 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.334 | 202  | 12473    | 0.321 | ng/ul  | 99       |
| 20) Pyrene                  | 19.701 | 202  | 13376    | 0.337 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.451 | 228  | 10014    | 0.437 | ng/ul  | 99       |
| 22) Chrysene                | 21.504 | 228  | 10766    | 0.411 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.132 | 252  | 11625    | 0.365 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 23.178 | 252  | 11359    | 0.376 | ng/ul  | 95       |
| 26) Benzo(a)pyrene          | 23.751 | 252  | 10508    | 0.382 | ng/ul  | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.330 | 276  | 14667    | 0.402 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.351 | 278  | 11428    | 0.414 | ng/ul  | 93       |
| 29) Benzo(g,h,i)perylene    | 27.088 | 276  | 12912    | 0.383 | ng/ul  | 98       |

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

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