

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100423\  
 Data File : BM042192.D  
 Acq On : 04 Oct 2023 17:30  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4110

Quant Time: Oct 05 01:54:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 02 19:28:41 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.933  | 152  | 3656     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.746 | 136  | 9432     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.587 | 164  | 3817     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.341 | 188  | 7925     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.509 | 240  | 4972     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.915 | 264  | 5116     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.359  | 96   | 2155     | 0.443 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.330 | 152  | 4769     | 0.369 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.361 | 212  | 7365     | 0.395 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.397  | 88   | 2246     | 0.442 | ng/ul  | 90       |
| 5) Naphthalene              | 10.795 | 128  | 12107    | 0.385 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.407 | 142  | 6805     | 0.361 | ng/ul  | 94       |
| 8) 1-Methylnaphthalene      | 12.627 | 142  | 6833     | 0.360 | ng/ul  | 97       |
| 10) Acenaphthylene          | 14.314 | 152  | 9701     | 0.402 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.647 | 153  | 7575     | 0.415 | ng/ul  | 98       |
| 12) Fluorene                | 15.642 | 166  | 8407     | 0.409 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.978 | 266  | 1407     | 0.392 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.383 | 178  | 13334    | 0.408 | ng/ul  | 99       |
| 16) Anthracene              | 17.476 | 178  | 11396    | 0.381 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.389 | 202  | 15850    | 0.420 | ng/ul  | 95       |
| 20) Pyrene                  | 19.756 | 202  | 16803    | 0.419 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.495 | 228  | 12662    | 0.394 | ng/ul  | 99       |
| 22) Chrysene                | 21.547 | 228  | 13894    | 0.445 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.172 | 252  | 14587    | 0.483 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.222 | 252  | 14203    | 0.478 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.810 | 252  | 12041    | 0.463 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.411 | 276  | 17377    | 0.471 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 26.428 | 278  | 12755    | 0.459 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.183 | 276  | 15223    | 0.494 | ng/ul  | 96       |

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

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