

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072123\  
 Data File : BM041042.D  
 Acq On : 22 Jul 2023 07:12  
 Operator : MA/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4192

Quant Time: Jul 22 07:41:46 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 : Fri Jul 21 18:20:46 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.861  | 152  | 3859     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.663 | 136  | 14538    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.513 | 164  | 8019     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.274 | 188  | 14000    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.463 | 240  | 9400     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.857 | 264  | 9125     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.279  | 96   | 2536     | 0.400 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.264 | 152  | 9126     | 0.471 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.306 | 212  | 13956    | 0.353 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.313  | 88   | 2539     | 0.380 | ng/ul# | 81       |
| 5) Naphthalene              | 10.718 | 128  | 16854    | 0.424 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.335 | 142  | 10102    | 0.463 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.555 | 142  | 10587    | 0.457 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.236 | 152  | 14193    | 0.423 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.573 | 153  | 12112    | 0.409 | ng/ul  | 98       |
| 12) Fluorene                | 15.573 | 166  | 12674    | 0.413 | ng/ul  | 97       |
| 14) Pentachlorophenol       | 16.936 | 266  | 1180     | 0.418 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.316 | 178  | 17599    | 0.421 | ng/ul  | 99       |
| 16) Anthracene              | 17.409 | 178  | 13876    | 0.426 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.334 | 202  | 17503    | 0.361 | ng/ul  | 95       |
| 20) Pyrene                  | 19.696 | 202  | 18631    | 0.376 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.448 | 228  | 12247    | 0.428 | ng/ul  | 100      |
| 22) Chrysene                | 21.501 | 228  | 13978    | 0.427 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.126 | 252  | 14190    | 0.405 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.172 | 252  | 13431    | 0.404 | ng/ul# | 96       |
| 26) Benzo(a)pyrene          | 23.748 | 252  | 12354    | 0.408 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.327 | 276  | 18086    | 0.451 | ng/ul# | 47       |
| 28) Dibenzo(a,h)anthracene  | 26.347 | 278  | 14141    | 0.466 | ng/ul# | 90       |
| 29) Benzo(g,h,i)perylene    | 27.085 | 276  | 16462    | 0.444 | ng/ul# | 93       |
| -----                       |        |      |          |       |        |          |

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

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