

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050322\  
 Data File : BM034919.D  
 Acq On : 04 May 2022 08:41  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4089

Quant Time: May 04 09:17:51 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 02:59:36 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.930  | 152  | 5273     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.726 | 136  | 13332    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.557 | 164  | 6604     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.297 | 188  | 12242    | 0.400 | ng/ul # | 0.00     |
| 17) Chrysene-d12            | 21.475 | 240  | 9498     | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.858 | 264  | 9479     | 0.400 | ng/ul   | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.373  | 96   | 2510     | 0.430 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.316 | 152  | 7670     | 0.409 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.322 | 212  | 12129    | 0.405 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.407  | 88   | 2265     | 0.408 | ng/ul#  | 72       |
| 5) Naphthalene              | 10.776 | 128  | 16083    | 0.422 | ng/ul#  | 88       |
| 7) 2-Methylnaphthalene      | 12.387 | 142  | 10448    | 0.413 | ng/ul   | 99       |
| 8) 1-Methylnaphthalene      | 12.607 | 142  | 10398    | 0.418 | ng/ul   | 99       |
| 10) Acenaphthylene          | 14.275 | 152  | 12899    | 0.447 | ng/ul#  | 90       |
| 11) Acenaphthene            | 14.617 | 153  | 10588    | 0.434 | ng/ul   | 97       |
| 12) Fluorene                | 15.603 | 166  | 11211    | 0.408 | ng/ul#  | 98       |
| 14) Pentachlorophenol       | 16.951 | 266  | 1652     | 0.455 | ng/ul   | 97       |
| 15) Phenanthrene            | 17.339 | 178  | 16917    | 0.418 | ng/ul   | 94       |
| 16) Anthracene              | 17.432 | 178  | 15221    | 0.422 | ng/ul#  | 91       |
| 19) Fluoranthene            | 19.350 | 202  | 18914    | 0.415 | ng/ul   | 99       |
| 20) Pyrene                  | 19.713 | 202  | 19129    | 0.418 | ng/ul   | 99       |
| 21) Benzo(a)anthracene      | 21.458 | 228  | 15862    | 0.429 | ng/ul   | 98       |
| 22) Chrysene                | 21.510 | 228  | 16690    | 0.424 | ng/ul   | 98       |
| 24) Benzo(b)fluoranthene    | 23.133 | 252  | 17491    | 0.404 | ng/ul   | 91       |
| 25) Benzo(k)fluoranthene    | 23.179 | 252  | 17859    | 0.413 | ng/ul#  | 90       |
| 26) Benzo(a)pyrene          | 23.752 | 252  | 15376    | 0.435 | ng/ul#  | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.328 | 276  | 20817    | 0.420 | ng/ul#  | 83       |
| 28) Dibenzo(a,h)anthracene  | 26.345 | 278  | 16301    | 0.404 | ng/ul#  | 91       |
| 29) Benzo(g,h,i)perylene    | 27.080 | 276  | 17715    | 0.414 | ng/ul   | 93       |
| -----                       |        |      |          |       |         |          |

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

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