

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011624\  
 Data File : BM043843.D  
 Acq On : 15 Jan 2024 16:47  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4176

Quant Time: Jan 15 17:45:48 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM011024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 10 15:40:11 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.954  | 152  | 9973     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.768 | 136  | 29320    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.597 | 164  | 16851    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.350 | 188  | 38565    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.539 | 240  | 25501    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.965 | 264  | 27832    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.360  | 96   | 4849     | 0.402 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.363 | 152  | 15952    | 0.376 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.375 | 212  | 32870    | 0.399 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.393  | 88   | 4922     | 0.384 | ng/ul  | 93       |
| 5) Naphthalene              | 10.818 | 128  | 33163    | 0.394 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.440 | 142  | 21274    | 0.385 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.649 | 142  | 21866    | 0.389 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.319 | 152  | 35431    | 0.392 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.661 | 153  | 26260    | 0.400 | ng/ul  | 99       |
| 12) Fluorene                | 15.656 | 166  | 29969    | 0.398 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.012 | 266  | 3454     | 0.283 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.392 | 178  | 48139    | 0.393 | ng/ul  | 99       |
| 16) Anthracene              | 17.493 | 178  | 44595    | 0.382 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.408 | 202  | 53241    | 0.422 | ng/ul  | 98       |
| 20) Pyrene                  | 19.770 | 202  | 56086    | 0.426 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.524 | 228  | 42840    | 0.387 | ng/ul  | 100      |
| 22) Chrysene                | 21.577 | 228  | 45872    | 0.385 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.222 | 252  | 45921    | 0.405 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.269 | 252  | 48911    | 0.391 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.857 | 252  | 43729    | 0.411 | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.491 | 276  | 54472    | 0.405 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.515 | 278  | 42161    | 0.405 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.266 | 276  | 43156    | 0.384 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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