

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022124\  
 Data File : BM044248.D  
 Acq On : 22 Feb 2024 20:35  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4198

Quant Time: Feb 22 23:35:55 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 15 13:40:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.896  | 152  | 4893     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.699 | 136  | 14164    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.543 | 164  | 6269     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.301 | 188  | 13700    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.500 | 240  | 10914    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.894 | 264  | 12213    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.352  | 96   | 3173     | 0.458 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.288 | 152  | 8319     | 0.419 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.331 | 212  | 15056    | 0.462 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.386  | 88   | 3337     | 0.482 | ng/ul  | 87       |
| 5) Naphthalene              | 10.748 | 128  | 18361    | 0.436 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.365 | 142  | 10533    | 0.406 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.585 | 142  | 10784    | 0.410 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.265 | 152  | 15289    | 0.444 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.607 | 153  | 10824    | 0.433 | ng/ul  | 99       |
| 12) Fluorene                | 15.602 | 166  | 11215    | 0.398 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.946 | 266  | 1664     | 0.339 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.343 | 178  | 17539    | 0.404 | ng/ul  | 100      |
| 16) Anthracene              | 17.436 | 178  | 18371    | 0.428 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.359 | 202  | 22284    | 0.448 | ng/ul  | 97       |
| 20) Pyrene                  | 19.726 | 202  | 23457    | 0.448 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.485 | 228  | 18771    | 0.376 | ng/ul  | 100      |
| 22) Chrysene                | 21.538 | 228  | 23239    | 0.431 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.166 | 252  | 20598    | 0.409 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.218 | 252  | 24357    | 0.445 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.791 | 252  | 19457    | 0.415 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.383 | 276  | 23308    | 0.391 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.430 | 278  | 18145    | 0.386 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.138 | 276  | 21167    | 0.401 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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