

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062223\  
 Data File : BM040347.D  
 Acq On : 22 Jun 2023 14:09  
 Operator : MA/JU  
 Sample : SSTD0.490  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4024

Quant Time: Jun 23 00:38:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 23 00:36:05 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.953  | 152  | 6075     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.762 | 136  | 21183    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.591 | 164  | 9907     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.336 | 188  | 18729    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.515 | 240  | 13829    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.932 | 264  | 14739    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.333  | 96   | 3919     | 0.411 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.351 | 152  | 12010    | 0.404 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.361 | 212  | 17703    | 0.399 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.371  | 88   | 3948     | 0.406 | ng/ul  | 100      |
| 5) Naphthalene              | 10.811 | 128  | 23343    | 0.400 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.422 | 142  | 13871    | 0.404 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.642 | 142  | 13818    | 0.403 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.313 | 152  | 17788    | 0.402 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.656 | 153  | 15199    | 0.407 | ng/ul  | 100      |
| 12) Fluorene                | 15.641 | 166  | 16211    | 0.406 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 17.011 | 266  | 1101     | 0.305 | ng/ul  | 91       |
| 15) Phenanthrene            | 17.379 | 178  | 23311    | 0.401 | ng/ul  | 100      |
| 16) Anthracene              | 17.472 | 178  | 19622    | 0.401 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.389 | 202  | 23516    | 0.400 | ng/ul  | 100      |
| 20) Pyrene                  | 19.756 | 202  | 25083    | 0.398 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.500 | 228  | 18647    | 0.399 | ng/ul  | 100      |
| 22) Chrysene                | 21.553 | 228  | 21480    | 0.403 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.192 | 252  | 22893    | 0.401 | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 23.242 | 252  | 22668    | 0.403 | ng/ul  | 100      |
| 26) Benzo(a)pyrene          | 23.824 | 252  | 20732    | 0.404 | ng/ul  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 26.434 | 276  | 28990    | 0.405 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.454 | 278  | 22709    | 0.405 | ng/ul  | 100      |
| 29) Benzo(g,h,i)perylene    | 27.205 | 276  | 25565    | 0.408 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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