

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM053123\  
 Data File : BM040079.D  
 Acq On : 31 May 2023 14:23  
 Operator : CG/JU  
 Sample : SSTD1.680  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD1.6012

Quant Time: May 31 18:07:31 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM053123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 31 18:06:12 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.004  | 152  | 6887     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.811 | 136  | 22605    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.637 | 164  | 10793    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.374 | 188  | 18975    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.553 | 240  | 13307    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.991 | 264  | 11071    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.371  | 96   | 12809    | 1.513 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.395 | 152  | 41221    | 1.500 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.398 | 212  | 54961    | 1.413 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.409  | 88   | 13431    | 1.510 | ng/ul# | 61       |
| 5) Naphthalene              | 10.860 | 128  | 85029    | 1.413 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.472 | 142  | 50780    | 1.516 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.686 | 142  | 52589    | 1.505 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.355 | 152  | 66276    | 1.573 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.697 | 153  | 54286    | 1.498 | ng/ul  | 99       |
| 12) Fluorene                | 15.683 | 166  | 58162    | 1.550 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.024 | 266  | 6981     | 1.645 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.417 | 178  | 82886    | 1.522 | ng/ul  | 99       |
| 16) Anthracene              | 17.509 | 178  | 74180    | 1.667 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.431 | 202  | 82971    | 1.445 | ng/ul  | 99       |
| 20) Pyrene                  | 19.788 | 202  | 83753    | 1.447 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.535 | 228  | 64605    | 1.479 | ng/ul  | 99       |
| 22) Chrysene                | 21.591 | 228  | 68552    | 1.449 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.245 | 252  | 72984    | 1.564 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.292 | 252  | 71409    | 1.607 | ng/ul# | 93       |
| 26) Benzo(a)pyrene          | 23.879 | 252  | 60591    | 1.596 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.524 | 276  | 77719    | 1.579 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.544 | 278  | 62282    | 1.601 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.302 | 276  | 61864    | 1.550 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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