

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031124\  
 Data File : BM044573.D  
 Acq On : 11 Mar 2024 11:43  
 Operator : MA/JU  
 Sample : SSTD0.411  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4017

Quant Time: Mar 11 12:24:06 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM031124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 11 12:23:17 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.724  | 152  | 5865     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.507 | 136  | 19080    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.367 | 164  | 10924    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.119 | 188  | 24518    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.316 | 240  | 15552    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.575 | 264  | 14990    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.285  | 96   | 3091     | 0.387 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.101 | 152  | 10842    | 0.409 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.155 | 212  | 22168    | 0.463 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.315  | 88   | 3055     | 0.378 | ng/ul  | 100      |
| 5) Naphthalene              | 10.556 | 128  | 20902    | 0.379 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.178 | 142  | 13357    | 0.390 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.393 | 142  | 13438    | 0.388 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.085 | 152  | 21466    | 0.369 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.427 | 153  | 15627    | 0.371 | ng/ul  | 100      |
| 12) Fluorene                | 15.422 | 166  | 18038    | 0.379 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.777 | 266  | 1924     | 0.241 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.161 | 178  | 28640    | 0.377 | ng/ul  | 100      |
| 16) Anthracene              | 17.259 | 178  | 26789    | 0.361 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.187 | 202  | 30882    | 0.431 | ng/ul  | 100      |
| 20) Pyrene                  | 19.550 | 202  | 31378    | 0.420 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.301 | 228  | 22660    | 0.334 | ng/ul  | 100      |
| 22) Chrysene                | 21.351 | 228  | 26433    | 0.359 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.891 | 252  | 22368    | 0.374 | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 22.941 | 252  | 24225    | 0.373 | ng/ul  | 100      |
| 26) Benzo(a)pyrene          | 23.479 | 252  | 19722    | 0.358 | ng/ul  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 25.863 | 276  | 22737    | 0.328 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.890 | 278  | 17435    | 0.320 | ng/ul  | 100      |
| 29) Benzo(g,h,i)perylene    | 26.554 | 276  | 20542    | 0.334 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

