

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031524\  
 Data File : BM044622.D  
 Acq On : 14 Mar 2024 20:56  
 Operator : MA/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4055

Quant Time: Mar 14 23:23:15 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 14:02:17 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.711  | 152  | 4247     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.490 | 136  | 13223    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.353 | 164  | 6637     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.106 | 188  | 14734    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.301 | 240  | 13688    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.549 | 264  | 16408    | 0.400 | ng/ul  | -0.03    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.268  | 96   | 2398     | 0.431 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 12.090 | 152  | 6919     | 0.364 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.140 | 212  | 14526    | 0.302 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.297  | 88   | 2600     | 0.457 | ng/ul# | 75       |
| 5) Naphthalene              | 10.539 | 128  | 14247    | 0.383 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.167 | 142  | 8522     | 0.362 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.382 | 142  | 8563     | 0.360 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.071 | 152  | 13180    | 0.391 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.413 | 153  | 9519     | 0.391 | ng/ul  | 98       |
| 12) Fluorene                | 15.412 | 166  | 10628    | 0.382 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.769 | 266  | 1512     | 0.425 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.149 | 178  | 16740    | 0.378 | ng/ul  | 99       |
| 16) Anthracene              | 17.246 | 178  | 16382    | 0.394 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.173 | 202  | 19952    | 0.298 | ng/ul  | 99       |
| 20) Pyrene                  | 19.535 | 202  | 21006    | 0.306 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.287 | 228  | 20313    | 0.390 | ng/ul  | 100      |
| 22) Chrysene                | 21.336 | 228  | 22985    | 0.393 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.873 | 252  | 23213    | 0.371 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 22.917 | 252  | 26769    | 0.395 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.449 | 252  | 22522    | 0.396 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.816 | 276  | 30096    | 0.460 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.843 | 278  | 24025    | 0.476 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.507 | 276  | 24885    | 0.433 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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