

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060724\  
 Data File : BM045904.D  
 Acq On : 08 Jun 2024 05:39  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4118

Quant Time: Jun 08 06:18:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM060624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 07 22:59:16 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.476  | 152  | 5664     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.242 | 136  | 19584    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.117 | 164  | 11171    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.861 | 188  | 22581    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.050 | 240  | 17157    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.157 | 264  | 20655    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.067  | 96   | 2581     | 0.400 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.842 | 152  | 10738    | 0.381 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.889 | 212  | 20257    | 0.394 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.096  | 88   | 3155     | 0.427 | ng/ul# | 86       |
| 5) Naphthalene              | 10.292 | 128  | 19760    | 0.386 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.914 | 142  | 12499    | 0.383 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.139 | 142  | 13514    | 0.381 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.835 | 152  | 19820    | 0.390 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.177 | 153  | 14281    | 0.383 | ng/ul  | 99       |
| 12) Fluorene                | 15.172 | 166  | 15716    | 0.377 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.549 | 266  | 1572     | 0.372 | ng/ul  | 95       |
| 15) Phenanthrene            | 16.899 | 178  | 23267    | 0.367 | ng/ul  | 99       |
| 16) Anthracene              | 16.992 | 178  | 20287    | 0.375 | ng/ul  | 99       |
| 19) Fluoranthene            | 18.917 | 202  | 26758    | 0.391 | ng/ul  | 100      |
| 20) Pyrene                  | 19.284 | 202  | 27581    | 0.386 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.032 | 228  | 24331    | 0.386 | ng/ul  | 99       |
| 22) Chrysene                | 21.085 | 228  | 25958    | 0.379 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.531 | 252  | 25959    | 0.379 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 22.572 | 252  | 28413    | 0.377 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.063 | 252  | 25796    | 0.379 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.222 | 276  | 32899    | 0.373 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.235 | 278  | 26290    | 0.373 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 25.849 | 276  | 28097    | 0.370 | ng/ul  | 98       |

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

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