

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061224\  
 Data File : BM045992.D  
 Acq On : 12 Jun 2024 10:50  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4126

Quant Time: Jun 13 00:07:05 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 : Thu Jun 13 00:05:38 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.455  | 152  | 2779     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.233 | 136  | 9678     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.100 | 164  | 6079     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.846 | 188  | 13259    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.038 | 240  | 11030    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.139 | 264  | 12381    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.054  | 96   | 1399     | 0.442 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.833 | 152  | 5410     | 0.389 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.877 | 212  | 12390    | 0.375 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.084  | 88   | 1563     | 0.432 | ng/ul# | 78       |
| 5) Naphthalene              | 10.277 | 128  | 9694     | 0.383 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.910 | 142  | 6109     | 0.379 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.124 | 142  | 6816     | 0.389 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.822 | 152  | 10412    | 0.377 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.160 | 153  | 7702     | 0.379 | ng/ul  | 98       |
| 12) Fluorene                | 15.159 | 166  | 8562     | 0.377 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.533 | 266  | 984      | 0.397 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.888 | 178  | 13436    | 0.361 | ng/ul  | 99       |
| 16) Anthracene              | 16.981 | 178  | 10827    | 0.341 | ng/ul  | 99       |
| 19) Fluoranthene            | 18.904 | 202  | 16437    | 0.374 | ng/ul  | 99       |
| 20) Pyrene                  | 19.267 | 202  | 16995    | 0.370 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.020 | 228  | 14495    | 0.358 | ng/ul  | 99       |
| 22) Chrysene                | 21.073 | 228  | 16509    | 0.375 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.519 | 252  | 16466    | 0.401 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 22.560 | 252  | 17480    | 0.387 | ng/ul  | 95       |
| 26) Benzo(a)pyrene          | 23.048 | 252  | 15681    | 0.384 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.195 | 276  | 18452    | 0.349 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.205 | 278  | 14730    | 0.349 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 25.819 | 276  | 15974    | 0.351 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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