

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
 Data File : BM032048.D  
 Acq On : 03 Sep 2021 20:23  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4120

Quant Time: Sep 04 00:58:14 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 16:21:27 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.459  | 152  | 1165     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.217 | 136  | 4152     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.102 | 164  | 2571     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.862 | 188  | 4887     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.069 | 240  | 3703     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.185 | 264  | 3663     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.071  | 96   | 525      | 0.410 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.822 | 152  | 2582     | 0.402 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.900 | 212  | 4483     | 0.413 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.099  | 88   | 511      | 0.409 | ng/ul  | 93       |
| 5) Naphthalene              | 10.266 | 128  | 4329     | 0.393 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.899 | 142  | 3089     | 0.402 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.115 | 142  | 3026     | 0.400 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.824 | 152  | 4279     | 0.412 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.167 | 153  | 3326     | 0.392 | ng/ul  | 98       |
| 12) Fluorene                | 15.168 | 166  | 3864     | 0.391 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.536 | 266  | 484      | 0.374 | ng/ul  | 91       |
| 15) Phenanthrene            | 16.907 | 178  | 5878     | 0.395 | ng/ul  | 99       |
| 16) Anthracene              | 17.004 | 178  | 5358     | 0.411 | ng/ul  | 98       |
| 19) Fluoranthene            | 18.930 | 202  | 6414     | 0.401 | ng/ul  | 99       |
| 20) Pyrene                  | 19.300 | 202  | 6499     | 0.394 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.054 | 228  | 5247     | 0.388 | ng/ul  | 100      |
| 22) Chrysene                | 21.105 | 228  | 6131     | 0.395 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.558 | 252  | 6529     | 0.388 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 22.599 | 252  | 6705     | 0.386 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.096 | 252  | 6010     | 0.408 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.254 | 276  | 8114     | 0.405 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 25.274 | 278  | 6480     | 0.402 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 25.887 | 276  | 7156     | 0.401 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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