

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090923\  
 Data File : BM041762.D  
 Acq On : 09 Sep 2023 23:03  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4078

Quant Time: Sep 09 23:58:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 09 23:26:58 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.996  | 152  | 736      | 0.400 | ng/ul  | # 0.00   |
| 4) Naphthalene-d8           | 10.807 | 136  | 1522     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.634 | 164  | 543      | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.379 | 188  | 980      | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.551 | 240  | 308      | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.977 | 264  | 319      | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.406  | 96   | 555      | 0.493 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.385 | 152  | 712      | 0.363 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.403 | 212  | 633      | 0.424 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.444  | 88   | 359      | 0.307 | ng/ul# | 60       |
| 5) Naphthalene              | 10.856 | 128  | 1947     | 0.390 | ng/ul# | 91       |
| 7) 2-Methylnaphthalene      | 12.462 | 142  | 1027     | 0.362 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.682 | 142  | 1037     | 0.364 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.356 | 152  | 1245     | 0.371 | ng/ul# | 89       |
| 11) Acenaphthene            | 14.694 | 153  | 996      | 0.382 | ng/ul  | 98       |
| 12) Fluorene                | 15.679 | 166  | 1069     | 0.365 | ng/ul# | 91       |
| 14) Pentachlorophenol       | 17.008 | 266  | 137      | 0.349 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.426 | 178  | 1557     | 0.376 | ng/ul# | 89       |
| 16) Anthracene              | 17.514 | 178  | 1251     | 0.353 | ng/ul# | 85       |
| 19) Fluoranthene            | 19.431 | 202  | 1499     | 0.412 | ng/ul# | 87       |
| 20) Pyrene                  | 19.794 | 202  | 1538     | 0.426 | ng/ul# | 83       |
| 21) Benzo(a)anthracene      | 21.533 | 228  | 965      | 0.384 | ng/ul# | 91       |
| 22) Chrysene                | 21.588 | 228  | 1037     | 0.383 | ng/ul# | 89       |
| 24) Benzo(b)fluoranthene    | 23.225 | 252  | 1108     | 0.388 | ng/ul# | 23       |
| 25) Benzo(k)fluoranthene    | 23.278 | 252  | 1106     | 0.396 | ng/ul# | 20       |
| 26) Benzo(a)pyrene          | 23.863 | 252  | 892      | 0.385 | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.485 | 276  | 1217     | 0.382 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.508 | 278  | 853      | 0.382 | ng/ul# | 49       |
| 29) Benzo(g,h,i)perylene    | 27.270 | 276  | 1150     | 0.408 | ng/ul# | 67       |
| -----                       |        |      |          |       |        |          |

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

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