

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092721\  
 Data File : BM032246.D  
 Acq On : 28 Sep 2021 18:37  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4127

Quant Time: Sep 28 19:07:04 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM092721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 27 13:37:22 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.660  | 152  | 7367     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.450 | 136  | 22871    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.303 | 164  | 10610    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.028 | 188  | 19336    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.192 | 240  | 14588    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.357 | 264  | 13346    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.989  | 96   | 3113     | 0.393 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.042 | 152  | 11531    | 0.379 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.048 | 212  | 16682    | 0.421 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.024  | 88   | 3337     | 0.410 | ng/ul# | 81       |
| 5) Naphthalene              | 10.500 | 128  | 26188    | 0.386 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.114 | 142  | 16353    | 0.376 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.335 | 142  | 16061    | 0.378 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.019 | 152  | 19133    | 0.450 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.367 | 153  | 15257    | 0.390 | ng/ul  | 99       |
| 12) Fluorene                | 15.346 | 166  | 16394    | 0.369 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.698 | 266  | 1995     | 0.408 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.070 | 178  | 24150    | 0.384 | ng/ul  | 100      |
| 16) Anthracene              | 17.160 | 178  | 20417    | 0.394 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.079 | 202  | 24816    | 0.407 | ng/ul  | 99       |
| 20) Pyrene                  | 19.441 | 202  | 25053    | 0.410 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.175 | 228  | 21033    | 0.408 | ng/ul  | 99       |
| 22) Chrysene                | 21.226 | 228  | 23255    | 0.385 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.710 | 252  | 24343    | 0.352 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 22.751 | 252  | 23401    | 0.350 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.258 | 252  | 19876    | 0.382 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.499 | 276  | 26191    | 0.394 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 25.504 | 278  | 21040    | 0.389 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.155 | 276  | 23840    | 0.378 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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