

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082423\  
 Data File : BM041514.D  
 Acq On : 26 Aug 2023 04:28  
 Operator : MA/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4058

Quant Time: Aug 26 05:02:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM082423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 24 18:34:12 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.114  | 152  | 12926    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.944 | 136  | 34592    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.754 | 164  | 16587    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.506 | 188  | 30812    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.694 | 240  | 12461    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 24.260 | 264  | 15173    | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.448  | 96   | 5517     | 0.337 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.522 | 152  | 16460    | 0.360 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.529 | 212  | 19906    | 0.362 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.486  | 88   | 5678     | 0.337 | ng/ul  | 97       |
| 5) Naphthalene              | 10.994 | 128  | 38069    | 0.369 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.594 | 142  | 23645    | 0.382 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.808 | 142  | 23920    | 0.380 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.481 | 152  | 37599    | 0.377 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.814 | 153  | 26023    | 0.375 | ng/ul  | 98       |
| 12) Fluorene                | 15.799 | 166  | 28698    | 0.370 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 17.126 | 266  | 3457     | 0.595 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.548 | 178  | 41662    | 0.368 | ng/ul  | 100      |
| 16) Anthracene              | 17.641 | 178  | 39355    | 0.382 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.557 | 202  | 40964    | 0.358 | ng/ul  | 99       |
| 20) Pyrene                  | 19.924 | 202  | 41308    | 0.358 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.676 | 228  | 28944    | 0.357 | ng/ul  | 98       |
| 22) Chrysene                | 21.732 | 228  | 27653    | 0.316 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.462 | 252  | 30375    | 0.292 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.518 | 252  | 29302    | 0.282 | ng/ul# | 92       |
| 26) Benzo(a)pyrene          | 24.143 | 252  | 27577    | 0.323 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.971 | 276  | 37193    | 0.349 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 27.011 | 278  | 27504    | 0.337 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.820 | 276  | 30772    | 0.328 | ng/ul  | 99       |

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

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