

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082423\  
 Data File : BM041497.D  
 Acq On : 25 Aug 2023 17:15  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4057

Quant Time: Aug 26 00:17:58 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  | 10853    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.944 | 136  | 28586    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.754 | 164  | 14281    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.506 | 188  | 28404    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.697 | 240  | 10704    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.266 | 264  | 11128    | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.448  | 96   | 4920     | 0.358 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.523 | 152  | 13672    | 0.362 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.529 | 212  | 17855    | 0.378 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.486  | 88   | 4925     | 0.348 | ng/ul  | 98       |
| 5) Naphthalene              | 10.994 | 128  | 31054    | 0.364 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.594 | 142  | 19246    | 0.376 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.814 | 142  | 19585    | 0.376 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.481 | 152  | 30626    | 0.357 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.814 | 153  | 22002    | 0.369 | ng/ul  | 98       |
| 12) Fluorene                | 15.800 | 166  | 25052    | 0.375 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.126 | 266  | 2822     | 0.527 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.548 | 178  | 38581    | 0.370 | ng/ul  | 99       |
| 16) Anthracene              | 17.641 | 178  | 35028    | 0.369 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.562 | 202  | 38779    | 0.395 | ng/ul  | 97       |
| 20) Pyrene                  | 19.924 | 202  | 39430    | 0.398 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.679 | 228  | 26717    | 0.384 | ng/ul  | 99       |
| 22) Chrysene                | 21.735 | 228  | 26654    | 0.354 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.468 | 252  | 26514    | 0.348 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.524 | 252  | 25405    | 0.333 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 24.149 | 252  | 23070    | 0.368 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.985 | 276  | 29130    | 0.372 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 27.022 | 278  | 21167    | 0.354 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.830 | 276  | 24379    | 0.354 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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