

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071922\  
 Data File : BN020782.D  
 Acq On : 19 Jul 2022 19:38  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4395

Quant Time: Jul 20 01:05:37 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 20 01:02:30 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.825  | 152  | 2044     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.623 | 136  | 8012     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.474 | 164  | 5033     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.225 | 188  | 10652    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.432 | 240  | 10171    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.782 | 264  | 8365     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.222  | 96   | 952      | 0.402 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.223 | 152  | 4184     | 0.318 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.262 | 212  | 11510    | 0.343 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.256  | 88   | 929      | 0.384 | ng/ul  | 91       |
| 5) Naphthalene              | 10.672 | 128  | 9864     | 0.399 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.294 | 142  | 5877     | 0.355 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.514 | 142  | 4714     | 0.300 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.192 | 152  | 9619     | 0.403 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.534 | 153  | 7919     | 0.415 | ng/ul  | 99       |
| 12) Fluorene                | 15.529 | 166  | 8875     | 0.392 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.896 | 266  | 623      | 0.290 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.268 | 178  | 15287    | 0.413 | ng/ul  | 100      |
| 16) Anthracene              | 17.365 | 178  | 12298    | 0.385 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.290 | 202  | 17576    | 0.378 | ng/ul  | 98       |
| 20) Pyrene                  | 19.657 | 202  | 18299    | 0.380 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.417 | 228  | 12987    | 0.355 | ng/ul  | 99       |
| 22) Chrysene                | 21.470 | 228  | 17275    | 0.425 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.068 | 252  | 15944    | 0.412 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.115 | 252  | 17115    | 0.438 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.677 | 252  | 14098    | 0.401 | ng/ul# | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.218 | 276  | 15745    | 0.450 | ng/ul  | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.235 | 278  | 12196    | 0.431 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.956 | 276  | 14410    | 0.480 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

