

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071122\  
 Data File : BN020710.D  
 Acq On : 11 Jul 2022 19:42  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4391

Quant Time: Jul 12 01:43:19 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 : Sat Jul 02 00:47:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.825  | 152  | 4394     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.623 | 136  | 13938    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.474 | 164  | 7592     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.225 | 188  | 14217    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.431 | 240  | 10088    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.781 | 264  | 7203     | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.227  | 96   | 2031     | 0.399 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.223 | 152  | 8404     | 0.367 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.262 | 212  | 15025    | 0.452 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.260  | 88   | 2148     | 0.413 | ng/ul  | 94       |
| 5) Naphthalene              | 10.667 | 128  | 16863    | 0.392 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.295 | 142  | 10302    | 0.358 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.515 | 142  | 10188    | 0.373 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.192 | 152  | 14171    | 0.394 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.534 | 153  | 11295    | 0.392 | ng/ul  | 99       |
| 12) Fluorene                | 15.529 | 166  | 12139    | 0.356 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.892 | 266  | 873      | 0.305 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.268 | 178  | 19251    | 0.390 | ng/ul  | 100      |
| 16) Anthracene              | 17.361 | 178  | 15646    | 0.367 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.295 | 202  | 20352    | 0.442 | ng/ul  | 100      |
| 20) Pyrene                  | 19.657 | 202  | 20701    | 0.433 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.416 | 228  | 13424    | 0.370 | ng/ul  | 99       |
| 22) Chrysene                | 21.469 | 228  | 15969    | 0.396 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.067 | 252  | 13155    | 0.395 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.114 | 252  | 13980    | 0.415 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.678 | 252  | 12012    | 0.397 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.220 | 276  | 12487    | 0.414 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.233 | 278  | 9913     | 0.407 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.958 | 276  | 11210    | 0.433 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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