

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071322\  
 Data File : BN020726.D  
 Acq On : 13 Jul 2022 12:39  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4392

Quant Time: Jul 14 03:11:11 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   | 7.821  | 152  | 3967     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.617 | 136  | 13722    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.474 | 164  | 7652     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.226 | 188  | 14297    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.432 | 240  | 10125    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.779 | 264  | 7460     | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.227  | 96   | 2093     | 0.455 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.218 | 152  | 8482     | 0.377 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.262 | 212  | 15294    | 0.458 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.260  | 88   | 2124     | 0.453 | ng/ul  | 95       |
| 5) Naphthalene              | 10.667 | 128  | 17200    | 0.406 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.295 | 142  | 10427    | 0.368 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.509 | 142  | 10328    | 0.384 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.192 | 152  | 14379    | 0.397 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.534 | 153  | 11467    | 0.395 | ng/ul  | 99       |
| 12) Fluorene                | 15.524 | 166  | 12351    | 0.359 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.892 | 266  | 770      | 0.267 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.264 | 178  | 19394    | 0.390 | ng/ul  | 100      |
| 16) Anthracene              | 17.361 | 178  | 15744    | 0.367 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.290 | 202  | 20796    | 0.450 | ng/ul  | 100      |
| 20) Pyrene                  | 19.653 | 202  | 20873    | 0.435 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.417 | 228  | 13971    | 0.384 | ng/ul  | 99       |
| 22) Chrysene                | 21.467 | 228  | 15916    | 0.393 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.063 | 252  | 13983    | 0.405 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.112 | 252  | 14537    | 0.417 | ng/ul  | 100      |
| 26) Benzo(a)pyrene          | 23.677 | 252  | 12266    | 0.391 | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.215 | 276  | 12620    | 0.404 | ng/ul  | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.232 | 278  | 9967     | 0.395 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.956 | 276  | 9992     | 0.373 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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