

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071122\  
 Data File : BN020697.D  
 Acq On : 11 Jul 2022 11:35  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4390

Quant Time: Jul 11 12:12:54 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  | 4157     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.617 | 136  | 12957    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.474 | 164  | 7004     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.225 | 188  | 13776    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.429 | 240  | 10090    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.782 | 264  | 7589     | 0.400 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.227  | 96   | 1925     | 0.400 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.223 | 152  | 7667     | 0.361 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.262 | 212  | 14689    | 0.441 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.260  | 88   | 1876     | 0.381 | ng/ul# | 93       |
| 5) Naphthalene              | 10.667 | 128  | 15643    | 0.391 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.295 | 142  | 9439     | 0.352 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.514 | 142  | 9351     | 0.368 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.192 | 152  | 12616    | 0.380 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.534 | 153  | 10448    | 0.393 | ng/ul  | 100      |
| 12) Fluorene                | 15.529 | 166  | 11475    | 0.364 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.892 | 266  | 646      | 0.233 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.268 | 178  | 18853    | 0.394 | ng/ul  | 100      |
| 16) Anthracene              | 17.361 | 178  | 14475    | 0.350 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.295 | 202  | 20266    | 0.440 | ng/ul  | 99       |
| 20) Pyrene                  | 19.657 | 202  | 20500    | 0.429 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.414 | 228  | 12509    | 0.345 | ng/ul  | 100      |
| 22) Chrysene                | 21.467 | 228  | 16375    | 0.406 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.066 | 252  | 14426    | 0.411 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.112 | 252  | 14617    | 0.412 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.677 | 252  | 11998    | 0.376 | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.211 | 276  | 12553    | 0.395 | ng/ul# | 41       |
| 28) Dibenzo(a,h)anthracene  | 26.228 | 278  | 9110     | 0.355 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.959 | 276  | 12954    | 0.475 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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