

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080422\  
 Data File : BN021061.D  
 Acq On : 06 Aug 2022 13:42  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4272

Quant Time: Aug 08 01:39:44 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 03 16:31:11 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.805  | 152  | 2546     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.596 | 136  | 8287     | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.452 | 164  | 4710     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.205 | 188  | 9162     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.412 | 240  | 7901     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.754 | 264  | 6950     | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.206  | 96   | 1252     | 0.384 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.196 | 152  | 4983     | 0.410 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.244 | 212  | 10065    | 0.413 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.244  | 88   | 1229     | 0.366 | ng/ul  | 94       |
| 5) Naphthalene              | 10.646 | 128  | 8829     | 0.347 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.273 | 142  | 5467     | 0.354 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.488 | 142  | 6046     | 0.391 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.170 | 152  | 7973     | 0.362 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.512 | 153  | 6249     | 0.343 | ng/ul  | 98       |
| 12) Fluorene                | 15.507 | 166  | 6883     | 0.346 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.876 | 266  | 454      | 0.321 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.243 | 178  | 10935    | 0.334 | ng/ul  | 100      |
| 16) Anthracene              | 17.340 | 178  | 9172     | 0.361 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.272 | 202  | 11988    | 0.343 | ng/ul  | 99       |
| 20) Pyrene                  | 19.635 | 202  | 12422    | 0.344 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.398 | 228  | 9453     | 0.367 | ng/ul  | 99       |
| 22) Chrysene                | 21.450 | 228  | 11051    | 0.326 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.043 | 252  | 10265    | 0.319 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.090 | 252  | 10722    | 0.316 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.648 | 252  | 9764     | 0.333 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.172 | 276  | 10299    | 0.294 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.189 | 278  | 8271     | 0.299 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.913 | 276  | 9046     | 0.289 | ng/ul  | 100      |

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

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