

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN103122\  
 Data File : BN022396.D  
 Acq On : 31 Oct 2022 10:24  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4331

Quant Time: Nov 01 01:10:56 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN102022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 01 01:09:32 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.928  | 152  | 4862     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.750 | 136  | 16017    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.600 | 164  | 9237     | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.353 | 188  | 18765    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.556 | 240  | 13211    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 24.002 | 264  | 9992     | 0.400 | ng/u1  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.245  | 96   | 2451     | 0.388 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.351 | 152  | 9507     | 0.392 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.389 | 212  | 18032    | 0.407 | ng/u1  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.282  | 88   | 2501     | 0.385 | ng/u1  | 97       |
| 5) Naphthalene              | 10.800 | 128  | 18366    | 0.388 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.422 | 142  | 11608    | 0.389 | ng/u1  | 99       |
| 8) 1-Methylnaphthalene      | 12.642 | 142  | 11945    | 0.390 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.318 | 152  | 16045    | 0.387 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.660 | 153  | 13189    | 0.377 | ng/u1  | 100      |
| 12) Fluorene                | 15.650 | 166  | 14707    | 0.362 | ng/u1  | 99       |
| 14) Pentachlorophenol       | 17.007 | 266  | 1471     | 0.330 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.395 | 178  | 23638    | 0.375 | ng/u1  | 99       |
| 16) Anthracene              | 17.488 | 178  | 20042    | 0.378 | ng/u1  | 99       |
| 19) Fluoranthene            | 19.421 | 202  | 24185    | 0.400 | ng/u1  | 98       |
| 20) Pyrene                  | 19.784 | 202  | 24099    | 0.396 | ng/u1  | 98       |
| 21) Benzo(a)anthracene      | 21.541 | 228  | 18715    | 0.378 | ng/u1  | 100      |
| 22) Chrysene                | 21.594 | 228  | 19515    | 0.372 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 23.251 | 252  | 18020    | 0.359 | ng/u1  | 98       |
| 25) Benzo(k)fluoranthene    | 23.301 | 252  | 17205    | 0.353 | ng/u1  | 99       |
| 26) Benzo(a)pyrene          | 23.891 | 252  | 14986    | 0.375 | ng/u1  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.568 | 276  | 18162    | 0.365 | ng/u1# | 40       |
| 28) Dibenzo(a,h)anthracene  | 26.588 | 278  | 14282    | 0.360 | ng/u1  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.360 | 276  | 14945    | 0.369 | ng/u1  | 100      |
| -----                       |        |      |          |       |        |          |

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

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