

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041323\  
 Data File : BN024872.D  
 Acq On : 13 Apr 2023 22:48  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4269

Quant Time: Apr 14 02:21:54 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN040723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 13 02:44:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.950  | 152  | 7203     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.759 | 136  | 20863    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.589 | 164  | 11378    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.338 | 188  | 25003    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.526 | 240  | 21764    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 23.970 | 264  | 20289    | 0.400 | ng/u1  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.318  | 96   | 3599     | 0.458 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.348 | 152  | 12497    | 0.467 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.363 | 212  | 26225    | 0.485 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.352  | 88   | 3967     | 0.458 | ng/u1  | 98       |
| 5) Naphthalene              | 10.809 | 128  | 24857    | 0.467 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.420 | 142  | 15285    | 0.462 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.640 | 142  | 16209    | 0.462 | ng/u1  | 99       |
| 10) Acenaphthylene          | 14.311 | 152  | 19808    | 0.464 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.653 | 153  | 17270    | 0.472 | ng/u1  | 99       |
| 12) Fluorene                | 15.639 | 166  | 19357    | 0.472 | ng/u1  | 99       |
| 14) Pentachlorophenol       | 16.992 | 266  | 2148     | 0.403 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.380 | 178  | 32104    | 0.456 | ng/u1  | 100      |
| 16) Anthracene              | 17.473 | 178  | 26625    | 0.455 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.396 | 202  | 36222    | 0.483 | ng/u1  | 99       |
| 20) Pyrene                  | 19.758 | 202  | 37134    | 0.484 | ng/u1  | 99       |
| 21) Benzo(a)anthracene      | 21.511 | 228  | 32293    | 0.470 | ng/u1  | 99       |
| 22) Chrysene                | 21.561 | 228  | 35522    | 0.477 | ng/u1  | 100      |
| 24) Benzo(b)fluoranthene    | 23.218 | 252  | 37887    | 0.466 | ng/u1  | 98       |
| 25) Benzo(k)fluoranthene    | 23.268 | 252  | 35590    | 0.448 | ng/u1  | 100      |
| 26) Benzo(a)pyrene          | 23.856 | 252  | 31578    | 0.468 | ng/u1# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.500 | 276  | 35778    | 0.449 | ng/u1# | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.527 | 278  | 27700    | 0.443 | ng/u1  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.285 | 276  | 30045    | 0.446 | ng/u1  | 99       |
| -----                       |        |      |          |       |        |          |

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

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