

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050323\  
 Data File : BN025244.D  
 Acq On : 03 May 2023 17:55  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4291

Quant Time: May 04 04:30:19 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 03 15:28:32 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.917  | 152  | 7674     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.726 | 136  | 27765    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.561 | 164  | 16224    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.313 | 188  | 34819    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.505 | 240  | 29327    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.946 | 264  | 26078    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.297  | 96   | 2816     | 0.354 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.315 | 152  | 15963    | 0.448 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.340 | 212  | 36371    | 0.470 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.331  | 88   | 3149     | 0.368 | ng/ul# | 64       |
| 5) Naphthalene              | 10.776 | 128  | 29951    | 0.421 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.387 | 142  | 19273    | 0.442 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.607 | 142  | 20354    | 0.438 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.283 | 152  | 30800    | 0.510 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.626 | 153  | 22062    | 0.433 | ng/ul  | 99       |
| 12) Fluorene                | 15.611 | 166  | 24460    | 0.429 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.967 | 266  | 3108     | 0.455 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.351 | 178  | 40446    | 0.412 | ng/ul  | 99       |
| 16) Anthracene              | 17.444 | 178  | 38295    | 0.476 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.373 | 202  | 49606    | 0.468 | ng/ul  | 99       |
| 20) Pyrene                  | 19.735 | 202  | 51884    | 0.476 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.491 | 228  | 44635    | 0.505 | ng/ul  | 97       |
| 22) Chrysene                | 21.543 | 228  | 43340    | 0.450 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.201 | 252  | 39336    | 0.372 | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.247 | 252  | 38991    | 0.383 | ng/ul# | 90       |
| 26) Benzo(a)pyrene          | 23.847 | 252  | 34666    | 0.396 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.504 | 276  | 39942    | 0.396 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.514 | 278  | 31806    | 0.404 | ng/ul# | 90       |
| 29) Benzo(g,h,i)perylene    | 27.289 | 276  | 33020    | 0.385 | ng/ul# | 91       |
| -----                       |        |      |          |       |        |          |

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

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