

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042623\  
 Data File : BN025148.D  
 Acq On : 26 Apr 2023 16:18  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4280

Quant Time: Apr 27 00:14:07 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 Apr 26 15:32:47 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.921  | 152  | 5685     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.726 | 136  | 17221    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.562 | 164  | 10750    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.310 | 188  | 24654    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.506 | 240  | 20788    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.947 | 264  | 17841    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.297  | 96   | 2949     | 0.501 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.321 | 152  | 10731    | 0.485 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.341 | 212  | 24948    | 0.455 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.331  | 88   | 3025     | 0.477 | ng/ul  | 89       |
| 5) Naphthalene              | 10.776 | 128  | 19718    | 0.447 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.392 | 142  | 13046    | 0.483 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.607 | 142  | 13999    | 0.486 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.284 | 152  | 17648    | 0.441 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.627 | 153  | 15554    | 0.461 | ng/ul  | 99       |
| 12) Fluorene                | 15.612 | 166  | 17776    | 0.471 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.968 | 266  | 1816     | 0.375 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.352 | 178  | 30268    | 0.435 | ng/ul  | 99       |
| 16) Anthracene              | 17.445 | 178  | 24969    | 0.439 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.374 | 202  | 34133    | 0.454 | ng/ul  | 98       |
| 20) Pyrene                  | 19.736 | 202  | 34656    | 0.449 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.492 | 228  | 28795    | 0.460 | ng/ul  | 100      |
| 22) Chrysene                | 21.544 | 228  | 32639    | 0.478 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.199 | 252  | 31947    | 0.441 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.245 | 252  | 30638    | 0.440 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.842 | 252  | 24841    | 0.415 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.481 | 276  | 30614    | 0.444 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.511 | 278  | 24519    | 0.455 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.266 | 276  | 26757    | 0.456 | ng/ul  | 99       |

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

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