

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062824\  
 Data File : BN032305.D  
 Acq On : 28 Jun 2024 09:48  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4383

Quant Time: Jun 28 11:23:43 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN062724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 27 13:23:38 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.616  | 152  | 8752     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.393 | 136  | 27620    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.262 | 164  | 15090    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.016 | 188  | 25473    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.220 | 240  | 17436    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.438 | 264  | 20838    | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.152  | 96   | 3894     | 0.400 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.988 | 152  | 16132    | 0.389 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.055 | 212  | 22133    | 0.422 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.185  | 88   | 4069     | 0.367 | ng/ul  | 95       |
| 5) Naphthalene              | 10.442 | 128  | 30463    | 0.417 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.065 | 142  | 19100    | 0.394 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.285 | 142  | 20134    | 0.401 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.980 | 152  | 27606    | 0.440 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.322 | 153  | 20652    | 0.424 | ng/ul  | 99       |
| 12) Fluorene                | 15.322 | 166  | 21194    | 0.365 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.682 | 266  | 1965     | 0.341 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.058 | 178  | 28710    | 0.411 | ng/ul  | 100      |
| 16) Anthracene              | 17.155 | 178  | 25456    | 0.409 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.082 | 202  | 28486    | 0.429 | ng/ul  | 98       |
| 20) Pyrene                  | 19.450 | 202  | 28819    | 0.415 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.206 | 228  | 25368    | 0.403 | ng/ul  | 99       |
| 22) Chrysene                | 21.258 | 228  | 27892    | 0.404 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.769 | 252  | 28184    | 0.311 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 22.816 | 252  | 30376    | 0.345 | ng/ul  | 95       |
| 26) Benzo(a)pyrene          | 23.342 | 252  | 28445    | 0.452 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.676 | 276  | 37606    | 0.381 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.686 | 278  | 29378    | 0.401 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.357 | 276  | 31484    | 0.401 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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