

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082123\  
 Data File : BN026998.D  
 Acq On : 21 Aug 2023 19:02  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4394

Quant Time: Aug 22 01:39:41 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 18 13:11:26 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.101  | 152  | 6596     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.927 | 136  | 20247    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.726 | 164  | 12399    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.472 | 188  | 27295    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.647 | 240  | 21153    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 24.187 | 264  | 19860    | 0.400 | ng/u1  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.439  | 96   | 3091     | 0.395 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.500 | 152  | 13035    | 0.438 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.487 | 212  | 29851    | 0.447 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.477  | 88   | 3149     | 0.394 | ng/u1  | 94       |
| 5) Naphthalene              | 10.977 | 128  | 22659    | 0.396 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.577 | 142  | 15363    | 0.443 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.791 | 142  | 16131    | 0.445 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.458 | 152  | 23221    | 0.334 | ng/u1  | 100      |
| 11) Acenaphthene            | 14.791 | 153  | 18484    | 0.384 | ng/u1  | 99       |
| 12) Fluorene                | 15.771 | 166  | 20959    | 0.385 | ng/u1  | 100      |
| 14) Pentachlorophenol       | 17.101 | 266  | 2227     | 0.288 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.515 | 178  | 34419    | 0.384 | ng/u1  | 100      |
| 16) Anthracene              | 17.607 | 178  | 29198    | 0.360 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.520 | 202  | 39649    | 0.451 | ng/u1  | 98       |
| 20) Pyrene                  | 19.882 | 202  | 41077    | 0.438 | ng/u1  | 100      |
| 21) Benzo(a)anthracene      | 21.627 | 228  | 32589    | 0.387 | ng/u1  | 100      |
| 22) Chrysene                | 21.685 | 228  | 33906    | 0.408 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 23.395 | 252  | 33922    | 0.452 | ng/u1  | 96       |
| 25) Benzo(k)fluoranthene    | 23.448 | 252  | 32546    | 0.439 | ng/u1# | 95       |
| 26) Benzo(a)pyrene          | 24.070 | 252  | 27000    | 0.398 | ng/u1# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.871 | 276  | 31241    | 0.352 | ng/u1# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.901 | 278  | 24240    | 0.343 | ng/u1  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.710 | 276  | 26690    | 0.362 | ng/u1  | 98       |
| -----                       |        |      |          |       |        |          |

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

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