

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092823\  
 Data File : BN027916.D  
 Acq On : 28 Sep 2023 08:53  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4277

Quant Time: Sep 28 10:46:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN091523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 27 03:52:19 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.949  | 152  | 3785     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.773 | 136  | 14211    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.596 | 164  | 9263     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.350 | 188  | 20359    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.539 | 240  | 19842    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.012 | 264  | 21587    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.325  | 96   | 1883     | 0.395 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.351 | 152  | 9908     | 0.460 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.375 | 212  | 23726    | 0.392 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.363  | 88   | 1854     | 0.374 | ng/ul# | 85       |
| 5) Naphthalene              | 10.823 | 128  | 16540    | 0.407 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.428 | 142  | 11241    | 0.436 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.648 | 142  | 11631    | 0.438 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.323 | 152  | 16196    | 0.400 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.661 | 153  | 13350    | 0.382 | ng/ul  | 98       |
| 12) Fluorene                | 15.646 | 166  | 15438    | 0.375 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.982 | 266  | 1618     | 0.340 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.392 | 178  | 25181    | 0.394 | ng/ul  | 99       |
| 16) Anthracene              | 17.485 | 178  | 21897    | 0.409 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.408 | 202  | 29429    | 0.367 | ng/ul  | 99       |
| 20) Pyrene                  | 19.775 | 202  | 30396    | 0.368 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.521 | 228  | 29419    | 0.383 | ng/ul  | 99       |
| 22) Chrysene                | 21.577 | 228  | 29466    | 0.371 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.243 | 252  | 32250    | 0.335 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.293 | 252  | 31391    | 0.337 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.898 | 252  | 27538    | 0.356 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.606 | 276  | 34517    | 0.348 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.629 | 278  | 28014    | 0.351 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.417 | 276  | 28613    | 0.340 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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