

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081023\  
 Data File : BN026869.D  
 Acq On : 09 Aug 2023 16:59  
 Operator : MA/JU  
 Sample : 03815-04MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BUILDING-B-21-(0-5)MS

Quant Time: Aug 10 01:07:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 09 17:55:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |        |
|-------------------------------|--------|------|----------|-------|-------|----------|--------|
| Internal Standards            |        |      |          |       |       |          |        |
| 1) 1,4-Dichlorobenzene-d4     | 8.117  | 152  | 6973     | 0.400 | ng    | 0.00     |        |
| 7) Naphthalene-d8             | 10.938 | 136  | 20541    | 0.400 | ng    | 0.00     |        |
| 13) Acenaphthene-d10          | 14.737 | 164  | 14171    | 0.400 | ng    | 0.00     |        |
| 19) Phenanthrene-d10          | 17.480 | 188  | 32159    | 0.400 | ng    | 0.00     |        |
| 29) Chrysene-d12              | 21.668 | 240  | 24658    | 0.400 | ng    | 0.00     |        |
| 35) Perylene-d12              | 24.227 | 264  | 25080    | 0.400 | ng    | # 0.00   |        |
| System Monitoring Compounds   |        |      |          |       |       |          |        |
| 4) 2-Fluorophenol             | 5.618  | 112  | 7511     | 0.425 | ng    | 0.00     |        |
| 5) Phenol-d6                  | 7.243  | 99   | 9357     | 0.409 | ng    | 0.00     |        |
| 8) Nitrobenzene-d5            | 9.294  | 82   | 5475     | 0.450 | ng    | 0.00     |        |
| 11) 2-Methylnaphthalene-d10   | 12.513 | 152  | 12764    | 0.433 | ng    | 0.00     |        |
| 14) 2,4,6-Tribromophenol      | 16.226 | 330  | 2593     | 0.537 | ng    | 0.00     |        |
| 15) 2-Fluorobiphenyl          | 13.368 | 172  | 20186    | 0.349 | ng    | 0.00     |        |
| 27) Fluoranthene-d10          | 19.504 | 212  | 30955    | 0.401 | ng    | 0.00     |        |
| 31) Terphenyl-d14             | 20.094 | 244  | 22117    | 0.430 | ng    | 0.00     |        |
| Target Compounds              |        |      |          |       |       |          |        |
| 2) 1,4-Dioxane                | 3.480  | 88   | 2903     | 0.357 | ng    | 96       | Qvalue |
| 3) n-Nitrosodimethylamine     | 3.819  | 42   | 3188     | 0.351 | ng    | 86       |        |
| 6) bis(2-Chloroethyl)ether    | 7.539  | 93   | 7952     | 0.386 | ng    | 98       |        |
| 9) Naphthalene                | 10.992 | 128  | 20864    | 0.369 | ng    | 98       |        |
| 10) Hexachlorobutadiene       | 11.237 | 225  | 4134     | 0.404 | ng    | # 98     |        |
| 12) 2-Methylnaphthalene       | 12.589 | 142  | 16287    | 0.422 | ng    | 99       |        |
| 16) Acenaphthylene            | 14.469 | 152  | 27540    | 0.393 | ng    | 99       |        |
| 17) Acenaphthene              | 14.801 | 154  | 16849    | 0.383 | ng    | 98       |        |
| 18) Fluorene                  | 15.780 | 166  | 22210    | 0.388 | ng    | 100      |        |
| 20) 4,6-Dinitro-2-methylph... | 16.934 | 198  | 196      | 0.377 | ng    | # 81     |        |
| 21) 4-Bromophenyl-phenylether | 16.673 | 248  | 7095     | 0.365 | ng    | 96       |        |
| 22) Hexachlorobenzene         | 16.760 | 284  | 7958     | 0.358 | ng    | 97       |        |
| 23) Atrazine                  | 16.934 | 200  | 5841     | 0.455 | ng    | 99       |        |
| 24) Pentachlorophenol         | 17.108 | 266  | 3113     | 0.546 | ng    | 98       |        |
| 25) Phenanthrene              | 17.530 | 178  | 35544    | 0.364 | ng    | 100      |        |
| 26) Anthracene                | 17.617 | 178  | 32619    | 0.374 | ng    | 100      |        |
| 28) Fluoranthene              | 19.537 | 202  | 41059    | 0.378 | ng    | 100      |        |
| 30) Pyrene                    | 19.899 | 202  | 43682    | 0.410 | ng    | 100      |        |
| 32) Benzo(a)anthracene        | 21.650 | 228  | 34455    | 0.407 | ng    | 99       |        |
| 33) Chrysene                  | 21.703 | 228  | 34683    | 0.371 | ng    | 99       |        |
| 34) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 35110    | 1.252 | ng    | # 97     |        |
| 36) Indeno(1,2,3-cd)pyrene    | 26.928 | 276  | 34508    | 0.337 | ng    | # 82     |        |
| 37) Benzo(b)fluoranthene      | 23.431 | 252  | 32536    | 0.330 | ng    | 96       |        |
| 38) Benzo(k)fluoranthene      | 23.487 | 252  | 32301    | 0.319 | ng    | # 93     |        |
| 39) Benzo(a)pyrene            | 24.113 | 252  | 31288    | 0.348 | ng    | 95       |        |
| 40) Dibenzo(a,h)anthracene    | 26.966 | 278  | 26812    | 0.337 | ng    | 97       |        |
| 41) Benzo(g,h,i)perylene      | 27.767 | 276  | 30286    | 0.322 | ng    | 97       |        |

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

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