

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052825\  
 Data File : BN037112.D  
 Acq On : 28 May 2025 17:11  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: May 28 17:56:45 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 14 11:26:32 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.611  | 152  | 2022     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.383 | 136  | 5050     | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10          | 14.256 | 164  | 2480     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.009 | 188  | 4231     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.198 | 240  | 3037     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.395 | 264  | 3091     | 0.400 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.206  | 112  | 1896     | 0.358 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.788  | 99   | 2270     | 0.342 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.760  | 82   | 2149     | 0.391 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.986 | 152  | 2789     | 0.392 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 359      | 0.330 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.878 | 172  | 4684     | 0.412 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.040 | 212  | 4172     | 0.360 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.649 | 244  | 2697     | 0.415 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.140  | 88   | 989      | 0.399 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.451  | 42   | 2132     | 0.400 | ng    | # 89     |
| 6) bis(2-Chloroethyl)ether    | 7.040  | 93   | 2224     | 0.365 | ng    | 98       |
| 9) Naphthalene                | 10.436 | 128  | 5722     | 0.383 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.725 | 225  | 1302     | 0.416 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.062 | 142  | 3464     | 0.361 | ng    | 98       |
| 16) Acenaphthylene            | 13.967 | 152  | 4556     | 0.377 | ng    | 99       |
| 17) Acenaphthene              | 14.320 | 154  | 2978     | 0.378 | ng    | 98       |
| 18) Fluorene                  | 15.304 | 166  | 3731     | 0.361 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.400 | 198  | 325      | 0.398 | ng    | 91       |
| 21) 4-Bromophenyl-phenylether | 16.202 | 248  | 1086     | 0.406 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.313 | 284  | 1215     | 0.425 | ng    | 98       |
| 23) Atrazine                  | 16.475 | 200  | 821      | 0.352 | ng    | 95       |
| 24) Pentachlorophenol         | 16.661 | 266  | 552      | 0.350 | ng    | 97       |
| 25) Phenanthrene              | 17.046 | 178  | 5218     | 0.377 | ng    | 99       |
| 26) Anthracene                | 17.133 | 178  | 4596     | 0.365 | ng    | 99       |
| 28) Fluoranthene              | 19.068 | 202  | 5380     | 0.326 | ng    | 100      |
| 30) Pyrene                    | 19.435 | 202  | 5421     | 0.417 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.180 | 228  | 4179     | 0.365 | ng    | 98       |
| 33) Chrysene                  | 21.233 | 228  | 4833     | 0.400 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.126 | 149  | 2513     | 0.357 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.593 | 276  | 5085     | 0.403 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.740 | 252  | 4587     | 0.358 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.781 | 252  | 4707     | 0.372 | ng    | 96       |
| 39) Benzo(a)pyrene            | 23.301 | 252  | 3993     | 0.367 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 25.614 | 278  | 3956     | 0.402 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.272 | 276  | 4539     | 0.425 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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