

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102425\  
 Data File : BG064571.D  
 Acq On : 24 Oct 2025 11:02  
 Operator : RC/JU  
 Sample : SSTDIC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Manual Integrations  
 APPROVED

Reviewed By :Rahul  
 Chavli

Quant Time: Nov 03 17:59:17 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 03 17:56:56 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                               |
|-------------------------------|--------|------|----------|--------|-------|----------|-------------------------------|
| Internal Standards            |        |      |          |        |       |          | 10/27/2025                    |
| 1) 1,4-Dichlorobenzene-d4     | 8.218  | 152  | 36324    | 20.000 | ng    | 0.00     | Supervised By :mohammad Ahmed |
| 21) Naphthalene-d8            | 11.044 | 136  | 151627   | 20.000 | ng    | 0.00     |                               |
| 39) Acenaphthene-d10          | 14.839 | 164  | 117618   | 20.000 | ng    | 0.00     |                               |
| 64) Phenanthrene-d10          | 17.577 | 188  | 300549   | 20.000 | ng    | 0.00     |                               |
| 76) Chrysene-d12              | 21.855 | 240  | 343958   | 20.000 | ng    | 0.00     |                               |
| 86) Perylene-d12              | 25.198 | 264  | 354939   | 20.000 | ng    | 0.00     | 11/05/2025                    |
| System Monitoring Compounds   |        |      |          |        |       |          |                               |
| 5) 2-Fluorophenol             | 5.750  | 112  | 43837    | 20.257 | ng    | 0.00     |                               |
| 7) Phenol-d6                  | 7.348  | 99   | 60084    | 20.233 | ng    | 0.00     |                               |
| 23) Nitrobenzene-d5           | 9.381  | 82   | 43376    | 17.182 | ng    | 0.00     |                               |
| 42) 2,4,6-Tribromophenol      | 16.314 | 330  | 31236    | 18.400 | ng    | 0.00     |                               |
| 45) 2-Fluorobiphenyl          | 13.470 | 172  | 163340   | 21.050 | ng    | 0.00     |                               |
| 79) Terphenyl-d14             | 20.168 | 244  | 385094   | 21.129 | ng    | 0.00     |                               |
| Target Compounds              |        |      |          |        |       |          | Qvalue                        |
| 2) 1,4-Dioxane                | 3.588  | 88   | 10545    | 11.006 | ng    |          | 97                            |
| 3) Pyridine                   | 3.999  | 79   | 29199    | 10.148 | ng    |          | 95                            |
| 4) n-Nitrosodimethylamine     | 3.905  | 42   | 16561    | 10.733 | ng    | #        | 92                            |
| 6) Aniline                    | 7.530  | 93   | 42134    | 10.427 | ng    |          | 97                            |
| 8) 2-Chlorophenol             | 7.777  | 128  | 21922    | 9.678  | ng    |          | 96                            |
| 9) Benzaldehyde               | 7.342  | 77   | 17117    | 10.558 | ng    |          | 94                            |
| 10) Phenol                    | 7.372  | 94   | 33058    | 10.066 | ng    |          | 87                            |
| 11) bis(2-Chloroethyl)ether   | 7.618  | 93   | 25594    | 10.600 | ng    |          | 91                            |
| 12) 1,3-Dichlorobenzene       | 8.112  | 146  | 27537    | 10.562 | ng    |          | 98                            |
| 13) 1,4-Dichlorobenzene       | 8.253  | 146  | 28081    | 10.593 | ng    |          | 91                            |
| 14) 1,2-Dichlorobenzene       | 8.576  | 146  | 27577    | 10.785 | ng    |          | 96                            |
| 15) Benzyl Alcohol            | 8.447  | 79   | 23263    | 9.500  | ng    |          | 97                            |
| 16) 2,2'-oxybis(1-Chloropr... | 8.741  | 45   | 65452    | 10.334 | ng    |          | 97                            |
| 17) 2-Methylphenol            | 8.647  | 107  | 22254    | 10.206 | ng    |          | 97                            |
| 18) Hexachloroethane          | 9.322  | 117  | 9723     | 10.452 | ng    |          | 93                            |
| 19) n-Nitroso-di-n-propyla... | 9.017  | 70   | 20724    | 10.098 | ng    | #        | 98                            |
| 20) 3+4-Methylphenols         | 8.970  | 107  | 30009    | 9.786  | ng    |          | 95                            |
| 22) Acetophenone              | 9.040  | 105  | 42851    | 10.338 | ng    | #        | 93                            |
| 24) Nitrobenzene              | 9.422  | 77   | 23618    | 8.602  | ng    |          | 98                            |
| 25) Isophorone                | 9.951  | 82   | 60347    | 9.962  | ng    |          | 98                            |
| 26) 2-Nitrophenol             | 10.139 | 139  | 7208     | 9.491  | ng    | #        | 91                            |
| 27) 2,4-Dimethylphenol        | 10.192 | 122  | 22259    | 9.879  | ng    |          | 96                            |
| 28) bis(2-Chloroethoxy)met... | 10.433 | 93   | 35170    | 10.197 | ng    |          | 98                            |
| 29) 2,4-Dichlorophenol        | 10.680 | 162  | 22643    | 9.338  | ng    |          | 94                            |
| 30) 1,2,4-Trichlorobenzene    | 10.903 | 180  | 27947    | 10.143 | ng    |          | 93                            |
| 31) Naphthalene               | 11.097 | 128  | 86750    | 10.319 | ng    |          | 99                            |
| 32) Benzoic acid              | 10.245 | 122  | 10748m   | 10.637 | ng    |          |                               |
| 33) 4-Chloroaniline           | 11.185 | 127  | 34581    | 10.583 | ng    |          | 97                            |
| 34) Hexachlorobutadiene       | 11.390 | 225  | 22099    | 10.256 | ng    |          | 95                            |
| 35) Caprolactam               | 11.931 | 113  | 8521     | 9.162  | ng    |          | 92                            |
| 36) 4-Chloro-3-methylphenol   | 12.289 | 107  | 28904    | 9.916  | ng    |          | 98                            |
| 37) 2-Methylnaphthalene       | 12.689 | 142  | 65070    | 10.543 | ng    |          | 95                            |
| 38) 1-Methylnaphthalene       | 12.906 | 142  | 64384    | 10.540 | ng    |          | 95                            |
| 40) 1,2,4,5-Tetrachloroben... | 13.053 | 216  | 40253    | 10.197 | ng    |          | 98                            |
| 41) Hexachlorocyclopentadiene | 13.036 | 237  | 15733    | 8.855  | ng    |          | 97                            |
| 43) 2,4,6-Trichlorophenol     | 13.276 | 196  | 19584    | 8.673  | ng    |          | 91                            |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                         |
|-------------------------------|--------|------|----------|--------|-------|----------|-------------------------|
| 44) 2,4,5-Trichlorophenol     | 13.341 | 196  | 24973    | 9.584  | ng    | 94       | 10/27/2025              |
| 46) 1,1'-Biphenyl             | 13.682 | 154  | 85287    | 10.200 | ng    | 96       | Supervised By :mohammad |
| 47) 2-Chloronaphthalene       | 13.723 | 162  | 63631    | 10.081 | ng    | 98       | ahmed                   |
| 48) 2-Nitroaniline            | 13.905 | 65   | 13764    | 9.284  | ng    | 91       |                         |
| 49) Acenaphthylene            | 14.563 | 152  | 101526   | 10.198 | ng    | 100      |                         |
| 50) Dimethylphthalate         | 14.281 | 163  | 92308    | 10.256 | ng    | 96       |                         |
| 51) 2,6-Dinitrotoluene        | 14.393 | 165  | 10601    | 9.857  | ng    | 87       | 11/05/2025              |
| 52) Acenaphthene              | 14.904 | 154  | 69273    | 10.184 | ng    | 97       |                         |
| 53) 3-Nitroaniline            | 14.722 | 138  | 12414    | 8.026  | ng    | # 92     |                         |
| 54) 2,4-Dinitrophenol         | 14.922 | 184  | 5082     | 10.760 | ng    | # 1      |                         |
| 55) Dibenzofuran              | 15.239 | 168  | 115990   | 10.548 | ng    | 97       |                         |
| 56) 4-Nitrophenol             | 15.010 | 139  | 11207    | 7.815  | ng    | 86       |                         |
| 57) 2,4-Dinitrotoluene        | 15.174 | 165  | 15797    | 9.494  | ng    | # 94     |                         |
| 58) Fluorene                  | 15.879 | 166  | 91712    | 10.679 | ng    | 99       |                         |
| 59) 2,3,4,6-Tetrachlorophenol | 15.450 | 232  | 22645    | 9.088  | ng    | # 99     |                         |
| 60) Diethylphthalate          | 15.644 | 149  | 96719    | 10.525 | ng    | 98       |                         |
| 61) 4-Chlorophenyl-phenyle... | 15.873 | 204  | 50818    | 10.544 | ng    | 97       |                         |
| 62) 4-Nitroaniline            | 15.873 | 138  | 14819    | 8.612  | ng    | 95       |                         |
| 63) Azobenzene                | 16.161 | 77   | 88441    | 10.489 | ng    | 97       |                         |
| 65) 4,6-Dinitro-2-methylph... | 15.938 | 198  | 8190     | 10.919 | ng    | 86       |                         |
| 66) n-Nitrosodiphenylamine    | 16.079 | 169  | 82787    | 10.197 | ng    | 99       |                         |
| 67) 4-Bromophenyl-phenylether | 16.767 | 248  | 35433    | 9.949  | ng    | 96       |                         |
| 68) Hexachlorobenzene         | 16.884 | 284  | 39975    | 9.838  | ng    | 94       |                         |
| 69) Atrazine                  | 17.019 | 200  | 34185    | 9.785  | ng    | 99       |                         |
| 70) Pentachlorophenol         | 17.225 | 266  | 19859    | 7.838  | ng    | 96       |                         |
| 71) Phenanthrene              | 17.618 | 178  | 170294   | 10.361 | ng    | 99       |                         |
| 72) Anthracene                | 17.712 | 178  | 171860   | 10.279 | ng    | 98       |                         |
| 73) Carbazole                 | 17.965 | 167  | 155907   | 10.575 | ng    | 99       |                         |
| 74) Di-n-butylphthalate       | 18.529 | 149  | 173716   | 10.189 | ng    | 99       |                         |
| 75) Fluoranthene              | 19.616 | 202  | 219838   | 10.677 | ng    | 98       |                         |
| 77) Benzidine                 | 19.781 | 184  | 67427    | 8.750  | ng    | 99       |                         |
| 78) Pyrene                    | 19.975 | 202  | 228905   | 10.186 | ng    | 99       |                         |
| 80) Butylbenzylphthalate      | 20.850 | 149  | 61669    | 9.080  | ng    | 94       |                         |
| 81) Benzo(a)anthracene        | 21.831 | 228  | 233051   | 10.219 | ng    | 99       |                         |
| 82) 3,3'-Dichlorobenzidine    | 21.737 | 252  | 71951    | 9.448  | ng    | 94       |                         |
| 83) Chrysene                  | 21.902 | 228  | 222018   | 10.231 | ng    | 97       |                         |
| 84) Bis(2-ethylhexyl)phtha... | 21.749 | 149  | 95500    | 9.410  | ng    | # 99     |                         |
| 85) Di-n-octyl phthalate      | 23.012 | 149  | 149877   | 8.759  | ng    | 99       |                         |
| 87) Indeno(1,2,3-cd)pyrene    | 29.023 | 276  | 264547   | 10.132 | ng    | 93       |                         |
| 88) Benzo(b)fluoranthene      | 24.128 | 252  | 221197   | 10.163 | ng    | 98       |                         |
| 89) Benzo(k)fluoranthene      | 24.199 | 252  | 223674   | 10.270 | ng    | 98       |                         |
| 90) Benzo(a)pyrene            | 25.033 | 252  | 202985   | 10.146 | ng    | 98       |                         |
| 91) Dibenzo(a,h)anthracene    | 29.099 | 278  | 217114   | 10.235 | ng    | 99       |                         |
| 92) Benzo(g,h,i)perylene      | 30.210 | 276  | 206153   | 10.173 | ng    | 98       |                         |

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

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[illegible]