

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091025\  
 Data File : BG064338.D  
 Acq On : 10 Sep 2025 18:48  
 Operator : RC/JU  
 Sample : Q3048-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 VNJ-258MS

Quant Time: Sep 11 01:17:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/11/2025  
 Supervised By :Jagrut Upadhyay 09/11/2025

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.841  | 152  | 23583    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.632 | 136  | 98916    | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.468 | 164  | 67359    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.212 | 188  | 162022   | 20.000  | ng    | #-0.01   |
| 76) Chrysene-d12              | 21.443 | 240  | 190145   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 24.445 | 264  | 214005   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.438  | 112  | 130911   | 99.592  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.018  | 99   | 174394   | 96.571  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.998  | 82   | 125659   | 70.848  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.961 | 330  | 114146   | 127.938 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.094 | 172  | 304224   | 68.937  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.833 | 244  | 615367   | 67.521  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.346  | 88   | 18976    | 34.635  | ng    | 92       |
| 3) Pyridine                   | 3.734  | 79   | 50225    | 31.142  | ng    | # 60     |
| 4) n-Nitrosodimethylamine     | 3.652  | 42   | 45829    | 42.961  | ng    | # 96     |
| 6) Aniline                    | 7.171  | 93   | 50734    | 20.316  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.412  | 128  | 71337    | 44.412  | ng    | 96       |
| 9) Benzaldehyde               | 6.983  | 77   | 45848    | 30.850  | ng    | 99       |
| 10) Phenol                    | 7.048  | 94   | 85401    | 42.894  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.265  | 93   | 53522    | 35.774  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.735  | 146  | 75462    | 44.160  | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 7.882  | 146  | 79540    | 46.121  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.193  | 146  | 76504    | 45.963  | ng    | 94       |
| 15) Benzyl Alcohol            | 8.082  | 79   | 70711    | 42.431  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.370  | 45   | 102321   | 29.955  | ng    | 96       |
| 17) 2-Methylphenol            | 8.287  | 107  | 60323    | 40.653  | ng    | 96       |
| 18) Hexachloroethane          | 8.922  | 117  | 30266    | 44.958  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.646  | 70   | 49772    | 36.012  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.616  | 107  | 82909    | 40.211  | ng    | 92       |
| 22) Acetophenone              | 8.663  | 105  | 121565   | 48.578  | ng    | # 95     |
| 24) Nitrobenzene              | 9.039  | 77   | 84359    | 45.523  | ng    | 96       |
| 25) Isophorone                | 9.562  | 82   | 145027   | 39.344  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.745  | 139  | 39602    | 49.458  | ng    | # 82     |
| 27) 2,4-Dimethylphenol        | 9.815  | 122  | 70065    | 49.840  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.044 | 93   | 73514    | 36.986  | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.279 | 162  | 74662    | 50.335  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.497 | 180  | 79585    | 50.886  | ng    | 96       |
| 31) Naphthalene               | 10.685 | 128  | 228290   | 44.507  | ng    | 99       |
| 32) Benzoic acid              | 9.980  | 122  | 62629    | 56.123  | ng    | 96       |
| 33) 4-Chloroaniline           | 10.784 | 127  | 28191    | 14.180  | ng    | 92       |
| 34) Hexachlorobutadiene       | 10.973 | 225  | 61740    | 53.404  | ng    | 91       |
| 35) Caprolactam               | 11.566 | 113  | 24397m   | 42.478  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.918 | 107  | 89522    | 46.516  | ng    | 86       |
| 37) 2-Methylnaphthalene       | 12.289 | 142  | 154282   | 40.466  | ng    | 93       |
| 38) 1-Methylnaphthalene       | 12.512 | 142  | 161392m  | 42.857  | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.665 | 216  | 112750   | 58.013  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.647 | 237  | 112350   | 121.632 | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 12.900 | 196  | 67707    | 52.122  | ng    | 91       |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.970 | 196  | 76664    | 54.405  | ng    | 93       |
| 46) 1,1'-Biphenyl             | 13.305 | 154  | 258085   | 52.605  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.346 | 162  | 172341   | 46.726  | ng    | 96       |
| 48) 2-Nitroaniline            | 13.546 | 65   | 63077    | 50.176  | ng    | 92       |
| 49) Acenaphthylene            | 14.192 | 152  | 309865   | 56.833  | ng    | 97       |
| 50) Dimethylphthalate         | 13.928 | 163  | 226630   | 44.450  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.045 | 165  | 50267    | 50.927  | ng    | 93       |
| 52) Acenaphthene              | 14.533 | 154  | 172479   | 44.827  | ng    | 96       |
| 53) 3-Nitroaniline            | 14.374 | 138  | 30773    | 29.764  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.580 | 184  | 72515    | 110.155 | ng    | # 78     |
| 55) Dibenzofuran              | 14.868 | 168  | 292784   | 48.377  | ng    | 95       |
| 56) 4-Nitrophenol             | 14.692 | 139  | 86343    | 101.805 | ng    | # 78     |
| 57) 2,4-Dinitrotoluene        | 14.833 | 165  | 79586    | 53.327  | ng    | # 96     |
| 58) Fluorene                  | 15.520 | 166  | 244927   | 49.376  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.097 | 232  | 77060    | 56.857  | ng    | 98       |
| 60) Diethylphthalate          | 15.297 | 149  | 242776   | 44.493  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.514 | 204  | 121066   | 48.951  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.538 | 138  | 51643    | 48.950  | ng    | 90       |
| 63) Azobenzene                | 15.802 | 77   | 232819   | 47.873  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 15.597 | 198  | 52826    | 56.789  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.726 | 169  | 208929   | 46.876  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.407 | 248  | 85148    | 49.479  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.525 | 284  | 95933    | 50.200  | ng    | 92       |
| 69) Atrazine                  | 16.678 | 200  | 93430    | 50.203  | ng    | 97       |
| 70) Pentachlorophenol         | 16.866 | 266  | 163192   | 140.838 | ng    | 92       |
| 71) Phenanthrene              | 17.253 | 178  | 432014   | 50.554  | ng    | 99       |
| 72) Anthracene                | 17.342 | 178  | 445045   | 51.197  | ng    | 100      |
| 73) Carbazole                 | 17.612 | 167  | 374935   | 48.962  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.182 | 149  | 427819   | 46.501  | ng    | # 98     |
| 75) Fluoranthene              | 19.269 | 202  | 759574   | 75.595  | ng    | 96       |
| 77) Benzidine                 | 19.445 | 184  | 130039   | 32.510  | ng    | 98       |
| 78) Pyrene                    | 19.627 | 202  | 832075   | 69.459  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.520 | 149  | 208963   | 46.248  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.425 | 228  | 815498   | 67.038  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.343 | 252  | 70491    | 17.793  | ng    | 95       |
| 83) Chrysene                  | 21.490 | 228  | 775722   | 66.423  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.349 | 149  | 325329   | 47.958  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.483 | 149  | 528525   | 44.715  | ng    | # 98     |
| 87) Indeno(1,2,3-cd)pyrene    | 27.841 | 276  | 857698   | 58.687  | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.511 | 252  | 932572m  | 77.211  | ng    |          |
| 89) Benzo(k)fluoranthene      | 23.570 | 252  | 704036   | 57.216  | ng    | # 97     |
| 90) Benzo(a)pyrene            | 24.316 | 252  | 804780m  | 71.629  | ng    |          |
| 91) Dibenzo(a,h)anthracene    | 27.900 | 278  | 606381   | 51.676  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.904 | 276  | 708375   | 62.040  | ng    | # 96     |

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

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