

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111725\  
 Data File : BG064784.D  
 Acq On : 17 Nov 2025 13:23  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Jagrut  
Upadhyay

11/18/2025

Supervised By :Sohil  
Jodhani

Quant Time: Nov 17 14:01:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 12 17:10:56 2025  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 8.170  | 152  | 39415    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.984 | 136  | 157593   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.774 | 164  | 128699   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.506 | 188  | 344592   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.760 | 240  | 431754   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 25.021 | 264  | 428890   | 20.000 | ng    | 0.00     |

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|                             |        |     |         |        |    |      |
|-----------------------------|--------|-----|---------|--------|----|------|
| System Monitoring Compounds |        |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.702  | 112 | 184554  | 81.764 | ng | 0.00 |
| 7) Phenol-d6                | 7.306  | 99  | 256403  | 85.407 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.327  | 82  | 264194  | 82.888 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.254 | 330 | 209426  | 83.436 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.405 | 172 | 726585  | 78.776 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.091 | 244 | 1822764 | 83.046 | ng | 0.00 |

|                               |        |     |        |        |         |
|-------------------------------|--------|-----|--------|--------|---------|
| Target Compounds              |        |     |        |        | Qvalue  |
| 2) 1,4-Dioxane                | 3.528  | 88  | 34054  | 38.971 | ng 98   |
| 3) Pyridine                   | 3.939  | 79  | 109050 | 41.884 | ng 99   |
| 4) n-Nitrosodimethylamine     | 3.845  | 42  | 52141  | 39.347 | ng 93   |
| 6) Aniline                    | 7.477  | 93  | 167983 | 41.979 | ng 99   |
| 8) 2-Chlorophenol             | 7.723  | 128 | 104794 | 42.282 | ng 98   |
| 9) Benzaldehyde               | 7.289  | 77  | 75543  | 38.441 | ng 93   |
| 10) Phenol                    | 7.336  | 94  | 138497 | 42.400 | ng 98   |
| 11) bis(2-Chloroethyl)ether   | 7.571  | 93  | 96260  | 41.413 | ng 95   |
| 12) 1,3-Dichlorobenzene       | 8.058  | 146 | 118099 | 41.411 | ng 99   |
| 13) 1,4-Dichlorobenzene       | 8.199  | 146 | 120325 | 41.435 | ng 99   |
| 14) 1,2-Dichlorobenzene       | 8.522  | 146 | 114618 | 40.706 | ng 99   |
| 15) Benzyl Alcohol            | 8.399  | 79  | 104559 | 42.431 | ng 92   |
| 16) 2,2'-oxybis(1-Chloropr... | 8.687  | 45  | 217160 | 39.471 | ng 99   |
| 17) 2-Methylphenol            | 8.599  | 107 | 97386  | 42.136 | ng 97   |
| 18) Hexachloroethane          | 9.263  | 117 | 43644  | 39.681 | ng 99   |
| 19) n-Nitroso-di-n-propyla... | 8.969  | 70  | 86516  | 42.621 | ng 89   |
| 20) 3+4-Methylphenols         | 8.928  | 107 | 133050 | 42.021 | ng 97   |
| 22) Acetophenone              | 8.987  | 105 | 177850 | 41.423 | ng # 98 |
| 24) Nitrobenzene              | 9.368  | 77  | 135280 | 42.005 | ng 96   |
| 25) Isophorone                | 9.897  | 82  | 244846 | 40.339 | ng 99   |
| 26) 2-Nitrophenol             | 10.085 | 139 | 62874  | 43.403 | ng 96   |
| 27) 2,4-Dimethylphenol        | 10.138 | 122 | 107892 | 41.924 | ng 98   |
| 28) bis(2-Chloroethoxy)met... | 10.373 | 93  | 140458 | 42.151 | ng 99   |
| 29) 2,4-Dichlorophenol        | 10.620 | 162 | 118312 | 42.820 | ng 99   |
| 30) 1,2,4-Trichlorobenzene    | 10.843 | 180 | 133475 | 40.006 | ng 98   |
| 31) Naphthalene               | 11.037 | 128 | 362619 | 40.590 | ng 99   |
| 32) Benzoic acid              | 10.262 | 122 | 73255m | 41.271 | ng      |
| 33) 4-Chloroaniline           | 11.131 | 127 | 151174 | 42.302 | ng 98   |
| 34) Hexachlorobutadiene       | 11.319 | 225 | 112150 | 39.177 | ng 96   |
| 35) Caprolactam               | 11.889 | 113 | 36479  | 44.142 | ng # 86 |
| 36) 4-Chloro-3-methylphenol   | 12.236 | 107 | 129375 | 42.069 | ng 96   |
| 37) 2-Methylnaphthalene       | 12.623 | 142 | 270128 | 40.406 | ng 99   |
| 38) 1-Methylnaphthalene       | 12.841 | 142 | 266934 | 40.196 | ng 99   |
| 40) 1,2,4,5-Tetrachloroben... | 12.988 | 216 | 197440 | 39.420 | ng 98   |
| 41) Hexachlorocyclopentadiene | 12.970 | 237 | 132431 | 36.889 | ng 96   |
| 43) 2,4,6-Trichlorophenol     | 13.217 | 196 | 121805 | 41.436 | ng 97   |

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|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.287 | 196  | 138008   | 41.859 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.616 | 154  | 366646   | 39.665 | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.663 | 162  | 292456   | 40.159 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.851 | 65   | 100881   | 43.069 | ng    | 94       |
| 49) Acenaphthylene             | 14.504 | 152  | 506874   | 40.741 | ng    | 98       |
| 50) Dimethylphthalate          | 14.222 | 163  | 410182   | 40.347 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.339 | 165  | 82798    | 42.325 | ng    | 97       |
| 52) Acenaphthene               | 14.839 | 154  | 312865   | 41.941 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.662 | 138  | 86087    | 44.587 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.868 | 184  | 48456    | 40.864 | ng    | 94       |
| 55) Dibenzofuran               | 15.173 | 168  | 501820   | 40.691 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.962 | 139  | 70833    | 46.239 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 15.121 | 165  | 130885   | 44.628 | ng    | 96       |
| 58) Fluorene                   | 15.814 | 166  | 391372   | 40.463 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.391 | 232  | 139729   | 42.954 | ng    | 97       |
| 60) Diethylphthalate           | 15.573 | 149  | 402399   | 41.318 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.802 | 204  | 234246   | 40.354 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.820 | 138  | 90609    | 45.299 | ng    | 96       |
| 63) Azobenzene                 | 16.096 | 77   | 332869   | 41.093 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph...  | 15.878 | 198  | 82134    | 42.929 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 16.014 | 169  | 357416   | 39.598 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.695 | 248  | 174831   | 38.634 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.819 | 284  | 210549   | 38.403 | ng    | 98       |
| 69) Atrazine                   | 16.948 | 200  | 170622   | 39.208 | ng    | 99       |
| 70) Pentachlorophenol          | 17.153 | 266  | 122753   | 41.073 | ng    | 96       |
| 71) Phenanthrene               | 17.547 | 178  | 743700   | 39.446 | ng    | 99       |
| 72) Anthracene                 | 17.641 | 178  | 767995   | 39.948 | ng    | 99       |
| 73) Carbazole                  | 17.900 | 167  | 664760   | 40.223 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.452 | 149  | 726489   | 39.401 | ng    | 99       |
| 75) Fluoranthene               | 19.545 | 202  | 1011424  | 39.231 | ng    | 99       |
| 77) Benzidine                  | 19.709 | 184  | 444104   | 34.346 | ng    | 98       |
| 78) Pyrene                     | 19.903 | 202  | 1035580  | 42.796 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.773 | 149  | 355789   | 41.802 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.742 | 228  | 1167011  | 39.752 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.642 | 252  | 400531   | 37.067 | ng    | 99       |
| 83) Chrysene                   | 21.807 | 228  | 1112444  | 40.193 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 21.636 | 149  | 490724   | 39.456 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.864 | 149  | 822528   | 38.259 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 28.763 | 276  | 1206608  | 40.949 | ng    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.987 | 252  | 1066818  | 39.086 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.057 | 252  | 1096758  | 39.997 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.874 | 252  | 1011322  | 39.944 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.828 | 278  | 988899   | 40.966 | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 29.927 | 276  | 960326   | 41.337 | ng    | 98       |

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

