Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064761.D
Acq On : 13 Nov 2025 18:03
Operator : RC/JU
Sample : Q3609-13MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
AU-713-COMP-05MS

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 14 05:01:41 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 | 8.167 | 152 | 32346 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.981 | 136 | 121484 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.777 | 164 | 96899 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.503 | 188 | 237837 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.757 | 240 | 308191 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.012 | 264 | 326854 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.705 | 112 | 192995 | 104.189 | ng | | 0.00 |
| 7) Phenol-d6 | 7.309 | 99 | 263113 | 106.796 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.324 | 82 | 169130 | 68.834 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.251 | 330 | 203500 | 107.682 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.408 | 172 | 471580 | 67.907 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.088 | 244 | 1121005 | 71.550 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.525 | 88 | 29598 | 41.274 | ng | | 95 |
| 3) Pyridine | 3.936 | 79 | 81739 | 38.255 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.842 | 42 | 50440 | 46.382 | ng | | 98 |
| 6) Aniline | 7.479 | 93 | 65013 | 19.797 | ng | | 98 |
| 8) 2-Chlorophenol | 7.726 | 128 | 96630 | 47.509 | ng | | 97 |
| 9) Benzaldehyde | 7.285 | 77 | 53303 | 33.051 | ng | | 96 |
| 10) Phenol | 7.338 | 94 | 131835 | 49.181 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.573 | 93 | 85297 | 44.717 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 8.055 | 146 | 109434 | 46.758 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.202 | 146 | 113663 | 47.695 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.525 | 146 | 108343 | 46.887 | ng | | 99 |
| 15) Benzyl Alcohol | 8.396 | 79 | 97182 | 48.056 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.690 | 45 | 198163 | 43.890 | ng | | 97 |
| 17) 2-Methylphenol | 8.596 | 107 | 90539 | 47.735 | ng | | 95 |
| 18) Hexachloroethane | 9.259 | 117 | 39781 | 44.073 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.966 | 70 | 74068 | 44.463 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.925 | 107 | 122875 | 47.289 | ng | | 96 |
| 22) Acetophenone | 8.983 | 105 | 158040 | 47.750 | ng | # | 98 |
| 24) Nitrobenzene | 9.371 | 77 | 115483 | 46.516 | ng | | 99 |
| 25) Isophorone | 9.894 | 82 | 211499 | 45.202 | ng | | 98 |
| 26) 2-Nitrophenol | 10.088 | 139 | 54624 | 48.916 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 10.135 | 122 | 98048 | 49.423 | ng | | 94 |
| 28) bis(2-Chloroethoxy)met... | 10.370 | 93 | 119321 | 46.451 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.623 | 162 | 107902 | 50.661 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.840 | 180 | 125784 | 48.907 | ng | | 96 |
| 31) Naphthalene | 11.034 | 128 | 316501 | 45.959 | ng | | 99 |
| 32) Benzoic acid | 10.264 | 122 | 54895 | 40.284 | ng | | 97 |
| 33) 4-Chloroaniline | 11.128 | 127 | 25277 | 9.175 | ng | # | 96 |
| 34) Hexachlorobutadiene | 11.322 | 225 | 101313 | 45.911 | ng | | 97 |
| 35) Caprolactam | 11.892 | 113 | 33119m | 51.988 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.238 | 107 | 116752 | 49.249 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.626 | 142 | 210969 | 40.937 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.838 | 142 | 224301 | 43.815 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.984 | 216 | 179165 | 47.511 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.973 | 237 | 248491 | 91.932 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 13.214 | 196 | 110713 | 50.022 | ng | | 99 |

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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 13.290 | 196 | 122020 | 49.155 | ng | | 96 |
| 46) | 1,1'-Biphenyl | 13.619 | 154 | 332022 | 47.707 | ng | | 99 |
| 47) | 2-Chloronaphthalene | 13.660 | 162 | 255638 | 46.624 | ng | | 99 |
| 48) | 2-Nitroaniline | 13.848 | 65 | 89426 | 50.708 | ng | | 98 |
| 49) | Acenaphthylene | 14.500 | 152 | 445030 | 47.510 | ng | | 98 |
| 50) | Dimethylphthalate | 14.224 | 163 | 354945 | 46.371 | ng | | 98 |
| 51) | 2,6-Dinitrotoluene | 14.336 | 165 | 73260 | 49.739 | ng | | 96 |
| 52) | Acenaphthene | 14.841 | 154 | 299526 | 53.331 | ng | | 97 |
| 53) | 3-Nitroaniline | 14.659 | 138 | 28081 | 19.317 | ng | | 91 |
| 54) | 2,4-Dinitrophenol | 14.865 | 184 | 90395 | 88.565 | ng | | 87 |
| 55) | Dibenzofuran | 15.170 | 168 | 436085 | 46.965 | ng | | 98 |
| 56) | 4-Nitrophenol | 14.965 | 139 | 118861 | 103.055 | ng | | 94 |
| 57) | 2,4-Dinitrotoluene | 15.117 | 165 | 109611 | 49.639 | ng | # | 99 |
| 58) | Fluorene | 15.816 | 166 | 336127 | 46.156 | ng | | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.388 | 232 | 130327 | 53.212 | ng | | 97 |
| 60) | Diethylphthalate | 15.576 | 149 | 339988 | 46.367 | ng | | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.805 | 204 | 198944 | 45.520 | ng | | 100 |
| 62) | 4-Nitroaniline | 15.822 | 138 | 68243 | 45.314 | ng | | 98 |
| 63) | Azobenzene | 16.093 | 77 | 320035 | 52.474 | ng | | 98 |
| 65) | 4,6-Dinitro-2-methylph... | 15.875 | 198 | 69897 | 52.931 | ng | | 97 |
| 66) | n-Nitrosodiphenylamine | 16.010 | 169 | 305958 | 49.112 | ng | | 99 |
| 67) | 4-Bromophenyl-phenylether | 16.692 | 248 | 149757 | 47.948 | ng | | 98 |
| 68) | Hexachlorobenzene | 16.815 | 284 | 180800 | 47.779 | ng | | 97 |
| 69) | Atrazine | 16.950 | 200 | 144747 | 48.192 | ng | | 98 |
| 70) | Pentachlorophenol | 17.150 | 266 | 223637 | 98.344 | ng | | 99 |
| 71) | Phenanthrene | 17.550 | 178 | 620214 | 47.662 | ng | | 100 |
| 72) | Anthracene | 17.638 | 178 | 631325 | 47.579 | ng | | 100 |
| 73) | Carbazole | 17.896 | 167 | 554525 | 48.614 | ng | | 100 |
| 74) | Di-n-butylphthalate | 18.449 | 149 | 596586 | 46.879 | ng | | 99 |
| 75) | Fluoranthene | 19.541 | 202 | 823415 | 46.274 | ng | | 100 |
| 77) | Benzidine | 19.706 | 184 | 327953 | 35.532 | ng | | 99 |
| 78) | Pyrene | 19.900 | 202 | 857203 | 49.627 | ng | | 99 |
| 80) | Butylbenzylphthalate | 20.769 | 149 | 290079 | 47.746 | ng | | 98 |
| 81) | Benzo(a)anthracene | 21.733 | 228 | 992912 | 47.381 | ng | | 100 |
| 82) | 3,3'-Dichlorobenzidine | 21.639 | 252 | 123633 | 16.029 | ng | | 99 |
| 83) | Chrysene | 21.804 | 228 | 935178 | 47.335 | ng | | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.633 | 149 | 416690 | 46.936 | ng | | 100 |
| 85) | Di-n-octyl phthalate | 22.861 | 149 | 698909 | 45.543 | ng | | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.748 | 276 | 1135467 | 50.564 | ng | # | 96 |
| 88) | Benzo(b)fluoranthene | 23.983 | 252 | 980391 | 47.133 | ng | | 100 |
| 89) | Benzo(k)fluoranthene | 24.048 | 252 | 1006422 | 48.160 | ng | | 99 |
| 90) | Benzo(a)pyrene | 24.865 | 252 | 933193 | 48.364 | ng | | 99 |
| 91) | Dibenzo(a,h)anthracene | 28.813 | 278 | 934555 | 50.801 | ng | | 95 |
| 92) | Benzo(g,h,i)perylene | 29.918 | 276 | 898319 | 50.739 | ng | | 98 |

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

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