Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064250.D
Acq On : 3 Sep 2025 12:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 03 12:58:14 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

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.853 | 152 | 38309 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.644 | 136 | 190272 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.481 | 164 | 144796 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.225 | 188 | 325433 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.455 | 240 | 228359 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.469 | 264 | 252610 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.438 | 112 | 175991 | 82.420 | ng | | 0.00 |
| 7) Phenol-d6 | 7.025 | 99 | 269625 | 91.912 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.011 | 82 | 288769 | 84.641 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.973 | 330 | 160034 | 83.443 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.106 | 172 | 737502 | 77.743 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.845 | 244 | 929215 | 84.896 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.358 | 88 | 35305 | 39.668 | ng | | 89 |
| 3) Pyridine | 3.746 | 79 | 109062 | 41.629 | ng | # | 58 |
| 4) n-Nitrosodimethylamine | 3.664 | 42 | 66615 | 38.442 | ng | # | 87 |
| 6) Aniline | 7.183 | 93 | 176418 | 43.488 | ng | | 97 |
| 8) 2-Chlorophenol | 7.424 | 128 | 115727 | 44.352 | ng | | 99 |
| 9) Benzaldehyde | 6.995 | 77 | 106319m | 44.040 | ng | | |
| 10) Phenol | 7.054 | 94 | 151604 | 46.875 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.277 | 93 | 107157 | 44.091 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.747 | 146 | 113967 | 41.056 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.888 | 146 | 116247 | 41.494 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.206 | 146 | 117287 | 43.378 | ng | | 97 |
| 15) Benzyl Alcohol | 8.088 | 79 | 119278 | 44.061 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.376 | 45 | 227806 | 41.055 | ng | | 98 |
| 17) 2-Methylphenol | 8.294 | 107 | 106486 | 44.177 | ng | | 93 |
| 18) Hexachloroethane | 8.934 | 117 | 45935 | 42.005 | ng | | 90 |
| 19) n-Nitroso-di-n-propyla... | 8.658 | 70 | 102191 | 45.517 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.629 | 107 | 147569 | 44.060 | ng | | 92 |
| 22) Acetophenone | 8.676 | 105 | 199646 | 41.475 | ng | # | 95 |
| 24) Nitrobenzene | 9.052 | 77 | 146907 | 41.213 | ng | | 100 |
| 25) Isophorone | 9.575 | 82 | 304138 | 42.893 | ng | | 97 |
| 26) 2-Nitrophenol | 9.757 | 139 | 68162 | 44.254 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 9.821 | 122 | 118013 | 43.641 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.056 | 93 | 164805 | 43.105 | ng | # | 94 |
| 29) 2,4-Dichlorophenol | 10.297 | 162 | 121120 | 42.450 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.509 | 180 | 120973 | 40.211 | ng | | 98 |
| 31) Naphthalene | 10.697 | 128 | 399340 | 40.474 | ng | | 98 |
| 32) Benzoic acid | 9.986 | 122 | 92463m | 43.075 | ng | | |
| 33) 4-Chloroaniline | 10.803 | 127 | 167102 | 43.697 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.985 | 225 | 86498 | 38.896 | ng | | 90 |
| 35) Caprolactam | 11.584 | 113 | 44550 | 40.324 | ng | # | 92 |
| 36) 4-Chloro-3-methylphenol | 11.931 | 107 | 164546 | 44.448 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.307 | 142 | 309518 | 42.204 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.524 | 142 | 302302 | 41.732 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.677 | 216 | 165591 | 39.636 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.659 | 237 | 81570 | 41.081 | ng | | 94 |
| 43) 2,4,6-Trichlorophenol | 12.918 | 196 | 114233 | 40.909 | ng | | 93 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.988 | 196 | 126630 | 41.804 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.317 | 154 | 424781 | 40.278 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.358 | 162 | 316208 | 39.882 | ng | | 98 |
| 48) 2-Nitroaniline | 13.558 | 65 | 119620 | 44.265 | ng | | 90 |
| 49) Acenaphthylene | 14.205 | 152 | 478582 | 40.834 | ng | | 98 |
| 50) Dimethylphthalate | 13.940 | 163 | 433350 | 39.540 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.058 | 165 | 90664 | 42.731 | ng | | 92 |
| 52) Acenaphthene | 14.545 | 154 | 330706 | 39.984 | ng | | 96 |
| 53) 3-Nitroaniline | 14.387 | 138 | 92706 | 41.712 | ng | | 83 |
| 54) 2,4-Dinitrophenol | 14.592 | 184 | 49696 | 38.968 | ng | | 93 |
| 55) Dibenzofuran | 14.880 | 168 | 519494 | 39.931 | ng | | 99 |
| 56) 4-Nitrophenol | 14.698 | 139 | 67715 | 37.142 | ng | | 91 |
| 57) 2,4-Dinitrotoluene | 14.845 | 165 | 138285 | 43.105 | ng | # | 92 |
| 58) Fluorene | 15.532 | 166 | 426768 | 40.023 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.109 | 232 | 116971 | 40.149 | ng | | 98 |
| 60) Diethylphthalate | 15.309 | 149 | 461968 | 39.385 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.527 | 204 | 213406 | 40.141 | ng | | 100 |
| 62) 4-Nitroaniline | 15.550 | 138 | 89072 | 39.275 | ng | | 91 |
| 63) Azobenzene | 15.820 | 77 | 425374 | 40.689 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.609 | 198 | 81520 | 43.631 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.744 | 169 | 372610 | 41.621 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.420 | 248 | 145919 | 42.216 | ng | | 98 |
| 68) Hexachlorobenzene | 16.537 | 284 | 162012 | 42.208 | ng | | 94 |
| 69) Atrazine | 16.690 | 200 | 123522 | 33.045 | ng | | 98 |
| 70) Pentachlorophenol | 16.878 | 266 | 95296 | 40.946 | ng | | 93 |
| 71) Phenanthrene | 17.266 | 178 | 685447 | 39.934 | ng | | 98 |
| 72) Anthracene | 17.360 | 178 | 701562 | 40.181 | ng | | 99 |
| 73) Carbazole | 17.624 | 167 | 551475 | 35.854 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.194 | 149 | 594738 | 32.184 | ng | | 100 |
| 75) Fluoranthene | 19.275 | 202 | 645991 | 32.008 | ng | | 99 |
| 77) Benzidine | 19.457 | 184 | 202472 | 42.148 | ng | | 100 |
| 78) Pyrene | 19.639 | 202 | 649982 | 45.179 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.532 | 149 | 247977 | 45.699 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.437 | 228 | 599916 | 41.064 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.355 | 252 | 202059 | 42.467 | ng | | 97 |
| 83) Chrysene | 21.496 | 228 | 565854 | 40.344 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.361 | 149 | 361781 | 44.407 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.501 | 149 | 629646 | 44.356 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 27.865 | 276 | 712898 | 41.325 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 23.517 | 252 | 584279 | 40.982 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.582 | 252 | 602620 | 41.489 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.328 | 252 | 546166 | 41.182 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 27.924 | 278 | 577561 | 41.698 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 28.923 | 276 | 555765 | 41.235 | ng | | 98 |

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

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