Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064451.D
Acq On : 25 Sep 2025 19:26
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 29 17:49:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 17:41:35 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.835 | 152 | 18105 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.626 | 136 | 82581 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.468 | 164 | 61030 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.206 | 188 | 137702 | 20.000 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.437 | 240 | 139879 | 20.000 | ng | | # 0.00 |
| 86) Perylene-d12 | 24.427 | 264 | 149806 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.426 | 112 | 118647 | 125.230 | ng | | 0.00 |
| 7) Phenol-d6 | 7.013 | 99 | 168846 | 130.084 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.998 | 82 | 188446 | 123.670 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.955 | 330 | 124484 | 116.839 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.094 | 172 | 507488 | 122.789 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.827 | 244 | 830114 | 116.986 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.340 | 88 | 24843 | 62.486 | ng | | 98 |
| 3) Pyridine | 3.734 | 79 | 64908 | 60.558 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.646 | 42 | 53242 | 65.029 | ng | # | 96 |
| 6) Aniline | 7.171 | 93 | 108028 | 64.272 | ng | | 96 |
| 8) 2-Chlorophenol | 7.406 | 128 | 76706 | 64.713 | ng | | 97 |
| 9) Benzaldehyde | 6.983 | 77 | 81478 | 73.748 | ng | | 94 |
| 10) Phenol | 7.042 | 94 | 89102 | 63.401 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.265 | 93 | 57750 | 61.199 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.729 | 146 | 81402 | 61.268 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.876 | 146 | 82610 | 60.867 | ng | | 89 |
| 14) 1,2-Dichlorobenzene | 8.193 | 146 | 78892 | 61.339 | ng | | 95 |
| 15) Benzyl Alcohol | 8.082 | 79 | 78326 | 64.044 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.358 | 45 | 104782 | 63.682 | ng | | 98 |
| 17) 2-Methylphenol | 8.282 | 107 | 64676 | 63.703 | ng | | 94 |
| 18) Hexachloroethane | 8.916 | 117 | 32339 | 63.155 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.646 | 70 | 57628 | 65.686 | ng | # | 89 |
| 20) 3+4-Methylphenols | 8.611 | 107 | 90641 | 63.511 | ng | | 97 |
| 22) Acetophenone | 8.658 | 105 | 124155 | 62.798 | ng | # | 98 |
| 24) Nitrobenzene | 9.040 | 77 | 94622 | 63.615 | ng | | 99 |
| 25) Isophorone | 9.562 | 82 | 169867 | 60.248 | ng | | 98 |
| 26) 2-Nitrophenol | 9.745 | 139 | 45287 | 61.854 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.809 | 122 | 72964 | 61.788 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.044 | 93 | 87229 | 59.886 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.279 | 162 | 81878 | 60.245 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.491 | 180 | 87785 | 60.386 | ng | | 99 |
| 31) Naphthalene | 10.679 | 128 | 260068 | 60.323 | ng | | 97 |
| 32) Benzoic acid | 9.986 | 122 | 57485m | 65.797 | ng | | |
| 33) 4-Chloroaniline | 10.785 | 127 | 97771 | 61.995 | ng | | 100 |
| 34) Hexachlorobutadiene | 10.967 | 225 | 74664 | 60.297 | ng | | 98 |
| 35) Caprolactam | 11.572 | 113 | 25963 | 57.897 | ng | | 90 |
| 36) 4-Chloro-3-methylphenol | 11.919 | 107 | 99241 | 61.605 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.289 | 142 | 196900 | 60.484 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.506 | 142 | 190996 | 59.711 | ng | | 93 |
| 40) 1,2,4,5-Tetrachloroben... | 12.659 | 216 | 119975 | 61.683 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.641 | 237 | 68031 | 65.859 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.900 | 196 | 79271 | 62.481 | ng | | 95 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.976 | 196 | 85025 | 60.451 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.299 | 154 | 270497 | 62.306 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.340 | 162 | 206267 | 62.512 | ng | | 97 |
| 48) 2-Nitroaniline | 13.546 | 65 | 71221 | 62.802 | ng | | 96 |
| 49) Acenaphthylene | 14.186 | 152 | 298508 | 60.937 | ng | | 100 |
| 50) Dimethylphthalate | 13.922 | 163 | 276155 | 59.231 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.045 | 165 | 59718 | 60.980 | ng | # | 87 |
| 52) Acenaphthene | 14.533 | 154 | 203572 | 60.725 | ng | | 97 |
| 53) 3-Nitroaniline | 14.374 | 138 | 54428 | 58.654 | ng | | 89 |
| 54) 2,4-Dinitrophenol | 14.580 | 184 | 37663 | 57.910 | ng | | 99 |
| 55) Dibenzofuran | 14.868 | 168 | 337131 | 60.654 | ng | | 99 |
| 56) 4-Nitrophenol | 14.686 | 139 | 42817 | 57.004 | ng | | 90 |
| 57) 2,4-Dinitrotoluene | 14.833 | 165 | 89168 | 59.644 | ng | # | 100 |
| 58) Fluorene | 15.514 | 166 | 275367 | 60.014 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.097 | 232 | 85221 | 61.735 | ng | # | 99 |
| 60) Diethylphthalate | 15.291 | 149 | 283929 | 56.518 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.508 | 204 | 150520 | 60.074 | ng | | 93 |
| 62) 4-Nitroaniline | 15.538 | 138 | 56253 | 56.535 | ng | | 95 |
| 63) Azobenzene | 15.802 | 77 | 233659 | 59.439 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.597 | 198 | 58442 | 61.957 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 15.726 | 169 | 230825 | 62.818 | ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 16.402 | 248 | 102880 | 63.763 | ng | | 97 |
| 68) Hexachlorobenzene | 16.519 | 284 | 114031 | 62.102 | ng | | 99 |
| 69) Atrazine | 16.672 | 200 | 88612 | 53.079 | ng | | 98 |
| 70) Pentachlorophenol | 16.860 | 266 | 67553 | 60.961 | ng | | 99 |
| 71) Phenanthrene | 17.248 | 178 | 426372 | 59.571 | ng | | 98 |
| 72) Anthracene | 17.342 | 178 | 438235 | 60.127 | ng | | 99 |
| 73) Carbazole | 17.612 | 167 | 355970 | 55.672 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.176 | 149 | 419540 | 53.640 | ng | | 99 |
| 75) Fluoranthene | 19.263 | 202 | 484861 | 53.646 | ng | | 99 |
| 77) Benzidine | 19.445 | 184 | 280443 | 76.574 | ng | | 97 |
| 78) Pyrene | 19.621 | 202 | 505545 | 58.247 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.514 | 149 | 195778 | 60.349 | ng | | 100 |
| 81) Benzo(a)anthracene | 21.419 | 228 | 541897 | 60.505 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.343 | 252 | 187985 | 61.031 | ng | | 100 |
| 83) Chrysene | 21.484 | 228 | 502350 | 59.226 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.343 | 149 | 284715 | 60.925 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.477 | 149 | 480781 | 60.523 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 27.818 | 276 | 643978 | 60.823 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 23.493 | 252 | 538468 | 62.702 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.558 | 252 | 524296 | 60.993 | ng | | 97 |
| 90) Benzo(a)pyrene | 24.298 | 252 | 489632 | 61.549 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 27.870 | 278 | 522034 | 60.820 | ng | | 96 |
| 92) Benzo(g,h,i)perylene | 28.875 | 276 | 504069 | 61.149 | ng | | 98 |

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

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