Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
Data File : BF144281.D
Acq On : 19 Nov 2025 16:51
Operator : RC/JU
Sample : PB170637BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 19 17:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB170637BS

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay
11/20/2025
Supervised By :Sohil Sodhani
11/20/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 56226 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 216046 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.910 | 164 | 113709 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 177131 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 137709 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.527 | 264 | 163785 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.498 | 112 | 429166 | 119.445 | ng | | 0.00 |
| 7) Phenol-d6 | 6.504 | 99 | 471025 | 115.698 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.434 | 82 | 311791 | 83.350 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 160761 | 112.663 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.228 | 172 | 650048 | 84.433 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.986 | 244 | 614080 | 70.831 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.687 | 88 | 60746 | 40.894 | ng | | 99 |
| 3) Pyridine | 3.457 | 79 | 170483 | 41.137 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.404 | 42 | 100647 | 46.494 | ng | | 95 |
| 6) Aniline | 6.534 | 93 | 179106 | 30.878 | ng | | 94 |
| 8) 2-Chlorophenol | 6.657 | 128 | 159537 | 45.277 | ng | | 97 |
| 9) Benzaldehyde | 6.422 | 77 | 79878 | 34.746 | ng | | 99 |
| 10) Phenol | 6.522 | 94 | 212487 | 42.719 | ng | | 82 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 170533 | 47.051 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 199727 | 45.935 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.887 | 146 | 201249 | 46.200 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.039 | 146 | 192617 | 46.134 | ng | | 98 |
| 15) Benzyl Alcohol | 7.010 | 79 | 151103 | 46.873 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139 | 45 | 308352 | 46.199 | ng | | 92 |
| 17) 2-Methylphenol | 7.122 | 107 | 125951 | 44.932 | ng | | 97 |
| 18) Hexachloroethane | 7.381 | 117 | 65664 | 45.373 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.281 | 70 | 118923 | 44.373 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 145185 | 43.937 | ng | # | 89 |
| 22) Acetophenone | 7.275 | 105 | 232218 | 50.105 | ng | | 97 |
| 24) Nitrobenzene | 7.451 | 77 | 182598 | 44.958 | ng | | 99 |
| 25) Isophorone | 7.686 | 82 | 324337 | 45.838 | ng | | 100 |
| 26) 2-Nitrophenol | 7.769 | 139 | 94217 | 46.861 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 143819 | 47.725 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 202859 | 45.912 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.010 | 162 | 152425 | 43.886 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.092 | 180 | 162139 | 45.462 | ng | | 99 |
| 31) Naphthalene | 8.175 | 128 | 450116 | 43.798 | ng | | 99 |
| 32) Benzoic acid | 7.928 | 122 | 101455 | 45.930 | ng | | 93 |
| 33) 4-Chloroaniline | 8.222 | 127 | 65954 | 17.596 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.286 | 225 | 114067 | 42.438 | ng | | 99 |
| 35) Caprolactam | 8.592 | 113 | 44691m | 46.966 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 136965 | 44.001 | ng | | 100 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 274770 | 39.989 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.963 | 142 | 273635 | 41.273 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 9.033 | 216 | 186297 | 49.991 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.016 | 237 | 106161 | 74.867 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.145 | 196 | 116268 | 45.840 | ng | | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.186 | 196 | 122461 | 44.797 | ng | 96 |
| 46) 1,1'-Biphenyl | 9.328 | 154 | 396489 | 49.953 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.357 | 162 | 301744 | 44.567 | ng | 100 |
| 48) 2-Nitroaniline | 9.451 | 65 | 92724 | 47.465 | ng | 97 |
| 49) Acenaphthylene | 9.769 | 152 | 466180 | 50.527 | ng | 100 |
| 50) Dimethylphthalate | 9.628 | 163 | 360391 | 47.842 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.692 | 165 | 76134 | 49.927 | ng | 99 |
| 52) Acenaphthene | 9.945 | 154 | 253419 | 41.074 | ng | 99 |
| 53) 3-Nitroaniline | 9.863 | 138 | 51834 | 31.095 | ng | 98 |
| 54) 2,4-Dinitrophenol | 9.975 | 184 | 50294 | 54.618 | ng | 100 |
| 55) Dibenzofuran | 10.116 | 168 | 376764 | 43.601 | ng | 100 |
| 56) 4-Nitrophenol | 10.033 | 139 | 89842 | 74.506 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 10.098 | 165 | 99158 | 48.573 | ng | 98 |
| 58) Fluorene | 10.457 | 166 | 294797 | 44.871 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232 | 87051 | 45.009 | ng | 98 |
| 60) Diethylphthalate | 10.328 | 149 | 328012 | 47.235 | ng | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204 | 167429 | 44.739 | ng | 99 |
| 62) 4-Nitroaniline | 10.480 | 138 | 66395 | 41.824 | ng | 94 |
| 63) Azobenzene | 10.610 | 77 | 295429 | 45.712 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198 | 44038 | 36.597 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 10.569 | 169 | 283857 | 49.826 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248 | 107051 | 47.349 | ng | 97 |
| 68) Hexachlorobenzene | 11.010 | 284 | 122468 | 45.988 | ng | 96 |
| 69) Atrazine | 11.098 | 200 | 93234 | 51.460 | ng | 99 |
| 70) Pentachlorophenol | 11.204 | 266 | 108952 | 82.160 | ng | 99 |
| 71) Phenanthrene | 11.422 | 178 | 400296 | 45.390 | ng | 100 |
| 72) Anthracene | 11.474 | 178 | 410935 | 45.825 | ng | 99 |
| 73) Carbazole | 11.633 | 167 | 353141 | 46.311 | ng | 99 |
| 74) Di-n-butylphthalate | 11.957 | 149 | 439794 | 47.709 | ng | 99 |
| 75) Fluoranthene | 12.616 | 202 | 410843 | 45.097 | ng | 99 |
| 77) Benzidine | 12.739 | 184 | 156609 | 38.447 | ng | 99 |
| 78) Pyrene | 12.845 | 202 | 420865 | 37.904 | ng | 99 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 166102 | 43.162 | ng | 99 |
| 81) Benzo(a)anthracene | 14.039 | 228 | 453626 | 47.529 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 116378 | 35.573 | ng | 96 |
| 83) Chrysene | 14.074 | 228 | 417293 | 47.363 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149 | 232499 | 44.134 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.633 | 149 | 424090 | 46.659 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 419473 | 35.678 | ng | 98 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 479083 | 51.451 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 445276 | 51.090 | ng | 99 |
| 90) Benzo(a)pyrene | 15.468 | 252 | 447750 | 52.123 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.045 | 278 | 342769 | 36.302 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 311583 | 33.416 | ng | 98 |

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

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