Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143986.D
Acq On : 17 Oct 2025 15:40
Operator : RC/JU
Sample : PB170149BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 17 16:02:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB170149BS

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.881 | 152 | 119613 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.163 | 136 | 469641 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.922 | 164 | 253761 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.416 | 188 | 406747 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.063 | 240 | 226465 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.545 | 264 | 234681 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.510 | 112 | 878218 | 116.593 | ng | | 0.01 |
| 7) Phenol-d6 | 6.510 | 99 | 1052867 | 117.269 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 664727 | 85.992 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.722 | 330 | 323303 | 127.914 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.239 | 172 | 1242585 | 77.697 | ng | | -0.01 |
| 79) Terphenyl-d14 | 13.004 | 244 | 1244240 | 93.900 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.734 | 88 | 140569 | 40.329 | ng | | 97 |
| 3) Pyridine | 3.493 | 79 | 409763 | 40.382 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.440 | 42 | 242588 | 45.446 | ng | | 93 |
| 6) Aniline | 6.546 | 93 | 443773 | 32.985 | ng | | 96 |
| 8) 2-Chlorophenol | 6.669 | 128 | 342953 | 46.579 | ng | | 98 |
| 9) Benzaldehyde | 6.434 | 77 | 197925 | 28.578 | ng | | 100 |
| 10) Phenol | 6.528 | 94 | 474884 | 44.242 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 376125 | 45.362 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.822 | 146 | 395974 | 44.928 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.898 | 146 | 397304 | 45.700 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.051 | 146 | 385869 | 46.338 | ng | | 99 |
| 15) Benzyl Alcohol | 7.022 | 79 | 319011 | 47.422 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157 | 45 | 890500 | 47.182 | ng | | 99 |
| 17) 2-Methylphenol | 7.134 | 107 | 279373 | 45.912 | ng | | 100 |
| 18) Hexachloroethane | 7.393 | 117 | 130930 | 45.158 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.298 | 70 | 263165 | 42.822 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.287 | 107 | 306085 | 43.402 | ng | # | 77 |
| 22) Acetophenone | 7.293 | 105 | 463756 | 46.701 | ng | | 96 |
| 24) Nitrobenzene | 7.463 | 77 | 400095 | 46.607 | ng | | 98 |
| 25) Isophorone | 7.704 | 82 | 735284 | 45.111 | ng | | 99 |
| 26) 2-Nitrophenol | 7.781 | 139 | 194242 | 52.778 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 323512 | 48.865 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93 | 465686 | 45.230 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 301846 | 43.770 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.104 | 180 | 317324 | 46.787 | ng | | 98 |
| 31) Naphthalene | 8.187 | 128 | 927411 | 43.411 | ng | | 99 |
| 32) Benzoic acid | 7.945 | 122 | 236400 | 51.594 | ng | | 97 |
| 33) 4-Chloroaniline | 8.234 | 127 | 129982 | 16.223 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.304 | 225 | 211371 | 44.849 | ng | | 99 |
| 35) Caprolactam | 8.610 | 113 | 100382m | 45.780 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 294449 | 44.450 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.881 | 142 | 573213 | 40.280 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.981 | 142 | 581830 | 42.151 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 9.045 | 216 | 339557 | 48.414 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.034 | 237 | 331838 | 114.047 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.157 | 196 | 225079 | 43.922 | ng | | 95 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.198 | 196 | 242240 | 44.731 | ng | 97 |
| 46) 1,1'-Biphenyl | 9.345 | 154 | 802867 | 47.786 | ng | 98 |
| 47) 2-Chloronaphthalene | 9.369 | 162 | 617349 | 44.071 | ng | 97 |
| 48) 2-Nitroaniline | 9.463 | 65 | 216788 | 48.950 | ng | 99 |
| 49) Acenaphthylene | 9.786 | 152 | 962639 | 48.881 | ng | 100 |
| 50) Dimethylphthalate | 9.645 | 163 | 728428 | 45.202 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 158142 | 52.922 | ng | 95 |
| 52) Acenaphthene | 9.957 | 154 | 599506 | 46.458 | ng | 99 |
| 53) 3-Nitroaniline | 9.875 | 138 | 98293 | 26.864 | ng | 97 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 156080 | 84.272 | ng | 93 |
| 55) Dibenzofuran | 10.134 | 168 | 785957 | 43.147 | ng | 99 |
| 56) 4-Nitrophenol | 10.039 | 139 | 229223 | 82.740 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 10.116 | 165 | 209585 | 51.548 | ng | 99 |
| 58) Fluorene | 10.475 | 166 | 592656 | 43.118 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232 | 189832m | 49.520 | ng | |
| 60) Diethylphthalate | 10.345 | 149 | 657488 | 43.918 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204 | 318770 | 43.865 | ng | 98 |
| 62) 4-Nitroaniline | 10.492 | 138 | 152195 | 43.256 | ng | 96 |
| 63) Azobenzene | 10.628 | 77 | 707147 | 45.195 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198 | 116178 | 56.838 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 10.586 | 169 | 600218 | 46.997 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248 | 216520 | 48.167 | ng | 98 |
| 68) Hexachlorobenzene | 11.022 | 284 | 249347 | 47.913 | ng | 100 |
| 69) Atrazine | 11.116 | 200 | 187550 | 48.451 | ng | 95 |
| 70) Pentachlorophenol | 11.222 | 266 | 255856 | 85.603 | ng | 98 |
| 71) Phenanthrene | 11.439 | 178 | 894044 | 45.339 | ng | 100 |
| 72) Anthracene | 11.492 | 178 | 914080 | 45.885 | ng | 100 |
| 73) Carbazole | 11.645 | 167 | 799634 | 45.322 | ng | 98 |
| 74) Di-n-butylphthalate | 11.975 | 149 | 951680 | 46.541 | ng | 99 |
| 75) Fluoranthene | 12.633 | 202 | 910295 | 44.691 | ng | 99 |
| 77) Benzidine | 12.751 | 184 | 211474 | 26.893 | ng | 98 |
| 78) Pyrene | 12.863 | 202 | 909507 | 48.173 | ng | 99 |
| 80) Butylbenzylphthalate | 13.480 | 149 | 309626 | 50.496 | ng | 99 |
| 81) Benzo(a)anthracene | 14.051 | 228 | 734276 | 49.546 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.016 | 252 | 126915 | 28.101 | ng | 99 |
| 83) Chrysene | 14.092 | 228 | 619350 | 45.154 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149 | 370575 | 50.136 | ng | 98 |
| 85) Di-n-octyl phthalate | 14.651 | 149 | 618496 | 50.947 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.057 | 276 | 819010 | 56.955 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.110 | 252 | 644361 | 47.798 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.139 | 252 | 547384 | 43.882 | ng | 99 |
| 90) Benzo(a)pyrene | 15.486 | 252 | 587474 | 50.258 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.074 | 278 | 677197 | 58.555 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.509 | 276 | 679031 | 58.713 | ng | 98 |

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

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