Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
Data File : BF144236.D
Acq On : 12 Nov 2025 18:50
Operator : RC/JU
Sample : PB170515BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 13 10:41:37 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 :**
PB170515BS

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay
11/13/2025
Supervised By :mohammad ahmed
11/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 45402 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 180251 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 9.910 | 164 | 101053 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 166539 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.045 | 240 | 84699 | 20.000 | ng | # 0.00 |
| 86) Perylene-d12 | 15.527 | 264 | 112671 | 20.000 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 334570 | 115.316 | ng | 0.01 |
| 7) Phenol-d6 | 6.504 | 99 | 385516 | 117.270 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.434 | 82 | 249688 | 80.004 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 139884 | 110.310 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.228 | 172 | 509312 | 74.438 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.986 | 244 | 500617 | 93.883 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.728 | 88 | 50178 | 41.833 | ng | 98 |
| 3) Pyridine | 3.487 | 79 | 147170 | 43.978 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.440 | 42 | 84384 | 48.275 | ng | 92 |
| 6) Aniline | 6.534 | 93 | 153296 | 32.729 | ng | 96 |
| 8) 2-Chlorophenol | 6.657 | 128 | 124556 | 43.776 | ng | 98 |
| 9) Benzaldehyde | 6.422 | 77 | 75921 | 40.898 | ng | 98 |
| 10) Phenol | 6.516 | 94 | 167739 | 41.762 | ng | 93 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 134789 | 46.055 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 150921 | 42.985 | ng | 96 |
| 13) 1,4-Dichlorobenzene | 6.886 | 146 | 149097 | 42.388 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.039 | 146 | 141537 | 41.981 | ng | 99 |
| 15) Benzyl Alcohol | 7.010 | 79 | 116903 | 44.909 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139 | 45 | 268794 | 49.873 | ng | 98 |
| 17) 2-Methylphenol | 7.122 | 107 | 101915 | 45.025 | ng | 97 |
| 18) Hexachloroethane | 7.381 | 117 | 49609 | 42.451 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.281 | 70 | 94930 | 43.865 | ng | 97 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 109917 | 41.194 | ng | 97 |
| 22) Acetophenone | 7.275 | 105 | 157378 | 40.700 | ng | 93 |
| 24) Nitrobenzene | 7.451 | 77 | 144126 | 42.532 | ng | 99 |
| 25) Isophorone | 7.686 | 82 | 263493 | 44.635 | ng | 100 |
| 26) 2-Nitrophenol | 7.769 | 139 | 74133 | 44.194 | ng | 98 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 119044 | 47.349 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 161394 | 43.781 | ng | 97 |
| 29) 2,4-Dichlorophenol | 8.010 | 162 | 117076 | 40.402 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.092 | 180 | 123719 | 41.578 | ng | 98 |
| 31) Naphthalene | 8.175 | 128 | 346477 | 40.409 | ng | 99 |
| 32) Benzoic acid | 7.933 | 122 | 79816 | 43.309 | ng | 94 |
| 33) 4-Chloroaniline | 8.222 | 127 | 51152 | 16.357 | ng | 97 |
| 34) Hexachlorobutadiene | 8.286 | 225 | 85612 | 38.176 | ng | 99 |
| 35) Caprolactam | 8.598 | 113 | 38426m | 48.401 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 112760 | 43.419 | ng | 98 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 214401 | 37.399 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.963 | 142 | 219790 | 39.734 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.033 | 216 | 125809 | 37.988 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 9.016 | 237 | 115457 | 86.467 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.145 | 196 | 93067 | 41.288 | ng | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.186 | 196 | 92917 | 38.247 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.328 | 154 | 285865 | 40.526 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.357 | 162 | 240609 | 39.988 | ng | | 100 |
| 48) 2-Nitroaniline | 9.451 | 65 | 77854 | 44.844 | ng | | 100 |
| 49) Acenaphthylene | 9.775 | 152 | 370278 | 45.159 | ng | | 100 |
| 50) Dimethylphthalate | 9.633 | 163 | 285446 | 42.638 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 62667 | 46.242 | ng | | 96 |
| 52) Acenaphthene | 9.945 | 154 | 206698 | 37.697 | ng | | 98 |
| 53) 3-Nitroaniline | 9.863 | 138 | 37825 | 25.533 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 9.975 | 184 | 56433 | 68.960 | ng | | 97 |
| 55) Dibenzofuran | 10.116 | 168 | 306185 | 39.871 | ng | | 99 |
| 56) 4-Nitrophenol | 10.033 | 139 | 85624 | 79.902 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 79721 | 43.943 | ng | | 91 |
| 58) Fluorene | 10.463 | 166 | 235506 | 40.336 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 73860 | 42.971 | ng | | 98 |
| 60) Diethylphthalate | 10.333 | 149 | 265856 | 43.079 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204 | 131377 | 39.502 | ng | | 99 |
| 62) 4-Nitroaniline | 10.480 | 138 | 59767 | 42.364 | ng | | 93 |
| 63) Azobenzene | 10.610 | 77 | 263433 | 45.866 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 45609 | 40.313 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 10.569 | 169 | 241641 | 45.113 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248 | 86208 | 40.555 | ng | | 96 |
| 68) Hexachlorobenzene | 11.010 | 284 | 103591 | 41.373 | ng | | 98 |
| 69) Atrazine | 11.098 | 200 | 79812 | 46.854 | ng | | 98 |
| 70) Pentachlorophenol | 11.204 | 266 | 97885 | 78.509 | ng | | 97 |
| 71) Phenanthrene | 11.427 | 178 | 351466 | 42.388 | ng | | 100 |
| 72) Anthracene | 11.474 | 178 | 358443 | 42.513 | ng | | 100 |
| 73) Carbazole | 11.633 | 167 | 305936 | 42.672 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.957 | 149 | 399956 | 46.147 | ng | | 99 |
| 75) Fluoranthene | 12.616 | 202 | 344156 | 40.180 | ng | | 98 |
| 77) Benzidine | 12.739 | 184 | 155632 | 62.120 | ng | | 99 |
| 78) Pyrene | 12.845 | 202 | 332878 | 48.743 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.463 | 149 | 124612 | 52.647 | ng | | 100 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 273075 | 46.518 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 50489 | 25.092 | ng | | 94 |
| 83) Chrysene | 14.074 | 228 | 241482 | 44.562 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149 | 158832 | 49.020 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.633 | 149 | 241505 | 43.200 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.027 | 276 | 334616 | 41.372 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 298592m | 46.614 | ng | | |
| 89) Benzo(k)fluoranthene | 15.121 | 252 | 249896 | 41.680 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.462 | 252 | 270772 | 45.821 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 17.045 | 278 | 270183 | 41.595 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.480 | 276 | 266444 | 41.538 | ng | | 97 |

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

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