Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143278.D
Acq On : 01 Aug 2025 13:03
Operator : RC/JU
Sample : PB169077BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB169077BS

Quant Time: Aug 01 13:25:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 102726 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 402894 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 212350 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 364957 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.127 | 240 | 204179 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.633 | 264 | 207302 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.604 | 112 | 745968 | 114.914 | ng | | 0.02 |
| 7) Phenol-d6 | 6.593 | 99 | 929722 | 113.786 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 638897 | 79.046 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 291491 | 132.877 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.316 | 172 | 1190626 | 76.681 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 1164765 | 84.891 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.899 | 88 | 116179 | 37.823 | ng | | 100 |
| 3) Pyridine | 3.652 | 79 | 282017 | 35.373 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.593 | 42 | 167772 | 40.758 | ng | | 98 |
| 6) Aniline | 6.622 | 93 | 373032 | 32.758 | ng | | 94 |
| 8) 2-Chlorophenol | 6.751 | 128 | 292350 | 42.965 | ng | | 97 |
| 9) Benzaldehyde | 6.510 | 77 | 184796 | 30.161 | ng | | 98 |
| 10) Phenol | 6.604 | 94 | 376841 | 42.336 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 6.693 | 93 | 279114 | 40.954 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 308643 | 41.755 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 316003 | 42.451 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 301217 | 42.544 | ng | | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 270636 | 43.379 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 509535 | 40.302 | ng | | 98 |
| 17) 2-Methylphenol | 7.210 | 107 | 246221 | 43.036 | ng | | 98 |
| 18) Hexachloroethane | 7.475 | 117 | 112825 | 43.782 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.369 | 70 | 214772 | 40.970 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 295847 | 42.620 | ng | # | 76 |
| 22) Acetophenone | 7.369 | 105 | 395536 | 41.467 | ng | # | 98 |
| 24) Nitrobenzene | 7.540 | 77 | 322680 | 42.821 | ng | | 99 |
| 25) Isophorone | 7.781 | 82 | 591945 | 41.486 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 158096 | 48.341 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.893 | 122 | 272687 | 40.905 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 353461 | 41.317 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 244553 | 43.500 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.181 | 180 | 262022 | 43.141 | ng | | 99 |
| 31) Naphthalene | 8.263 | 128 | 839310 | 42.300 | ng | | 100 |
| 32) Benzoic acid | 8.004 | 122 | 153676 | 41.687 | ng | | 100 |
| 33) 4-Chloroaniline | 8.304 | 127 | 172008 | 21.230 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.387 | 225 | 162144 | 43.702 | ng | | 99 |
| 35) Caprolactam | 8.675 | 113 | 82355m | 48.477 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.787 | 107 | 270471 | 44.263 | ng | | 100 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 512864 | 42.476 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 530392 | 42.659 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 260264 | 42.452 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 328567 | 82.366 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.234 | 196 | 176732 | 41.652 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 190710 | 44.933 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 711802 | 42.964 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 523882 | 42.736 | ng | | 99 |
| 48) 2-Nitroaniline | 9.534 | 65 | 181505 | 47.214 | ng | | 100 |
| 49) Acenaphthylene | 9.863 | 152 | 886064 | 43.131 | ng | | 100 |
| 50) Dimethylphthalate | 9.716 | 163 | 626516 | 45.263 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 137755 | 48.922 | ng | | 99 |
| 52) Acenaphthene | 10.034 | 154 | 566786 | 46.679 | ng | | 98 |
| 53) 3-Nitroaniline | 9.945 | 138 | 101661 | 30.867 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 10.051 | 184 | 129077 | 99.382 | ng | # | 1 |
| 55) Dibenzofuran | 10.204 | 168 | 770251 | 42.726 | ng | | 99 |
| 56) 4-Nitrophenol | 10.104 | 139 | 216601 | 88.070 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.181 | 165 | 185348 | 52.467 | ng | | 95 |
| 58) Fluorene | 10.551 | 166 | 597126 | 44.133 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 159905 | 45.482 | ng | | 98 |
| 60) Diethylphthalate | 10.416 | 149 | 627943 | 45.899 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 299207 | 44.412 | ng | | 100 |
| 62) 4-Nitroaniline | 10.563 | 138 | 138303 | 48.996 | ng | | 98 |
| 63) Azobenzene | 10.698 | 77 | 615705 | 43.181 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 91050 | 47.636 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 535107 | 41.638 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.028 | 248 | 187731 | 43.163 | ng | | 98 |
| 68) Hexachlorobenzene | 11.104 | 284 | 196304 | 43.182 | ng | | 96 |
| 69) Atrazine | 11.181 | 200 | 171872 | 48.511 | ng | | 99 |
| 70) Pentachlorophenol | 11.292 | 266 | 225132 | 84.212 | ng | | 98 |
| 71) Phenanthrene | 11.516 | 178 | 834843 | 43.082 | ng | | 100 |
| 72) Anthracene | 11.563 | 178 | 845596 | 42.786 | ng | | 100 |
| 73) Carbazole | 11.716 | 167 | 763818 | 44.260 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 921317 | 47.182 | ng | | 100 |
| 75) Fluoranthene | 12.698 | 202 | 833975 | 46.888 | ng | | 99 |
| 77) Benzidine | 12.816 | 184 | 337780 | 42.939 | ng | | 98 |
| 78) Pyrene | 12.933 | 202 | 816421 | 46.852 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 299874 | 56.199 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.116 | 228 | 633000 | 46.306 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.074 | 252 | 122772 | 26.947 | ng | | 99 |
| 83) Chrysene | 14.157 | 228 | 533282 | 43.390 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 387790 | 48.015 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.716 | 149 | 620118 | 42.359 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.180 | 276 | 660034 | 45.153 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.186 | 252 | 565613 | 44.662 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.221 | 252 | 510964 | 45.214 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.568 | 252 | 529530 | 45.382 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 17.198 | 278 | 535886 | 45.041 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.645 | 276 | 521256 | 45.291 | ng | | 98 |

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

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