Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143864.D
Acq On : 02 Oct 2025 19:38
Operator : RC/JU
Sample : Q3266-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-3-6FTMS

Quant Time: Oct 03 01:27:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.887 | 152 | 119401 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.169 | 136 | 452831 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.922 | 164 | 241644 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.410 | 188 | 394825 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 306082 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.533 | 264 | 431989 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 604335 | 82.232 | ng | | 0.00 |
| 7) Phenol-d6 | 6.504 | 99 | 732194 | 86.227 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 445326 | 60.197 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.716 | 330 | 195734 | 54.706 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.239 | 172 | 781050 | 50.439 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 1046086 | 69.507 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.711 | 88 | 145336 | 41.317 | ng | | 92 |
| 3) Pyridine | 3.469 | 79 | 394892 | 41.589 | ng | | 87 |
| 4) n-Nitrosodimethylamine | 3.422 | 42 | 202826 | 42.601 | ng | | 84 |
| 6) Aniline | 6.546 | 93 | 382496 | 31.036 | ng | | 99 |
| 8) 2-Chlorophenol | 6.669 | 128 | 360046 | 47.856 | ng | | 96 |
| 9) Benzaldehyde | 6.434 | 77 | 211201 | 28.402 | ng | | 97 |
| 10) Phenol | 6.522 | 94 | 470637 | 47.683 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 351252 | 45.400 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.828 | 146 | 407642 | 46.666 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.904 | 146 | 408635 | 46.875 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.057 | 146 | 392158 | 47.497 | ng | | 100 |
| 15) Benzyl Alcohol | 7.022 | 79 | 322083 | 52.494 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157 | 45 | 718122 | 39.143 | ng | | 95 |
| 17) 2-Methylphenol | 7.134 | 107 | 284360 | 48.820 | ng | | 99 |
| 18) Hexachloroethane | 7.398 | 117 | 142081 | 46.344 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.293 | 70 | 253743 | 46.469 | ng | | 90 |
| 20) 3+4-Methylphenols | 7.287 | 107 | 333283 | 46.985 | ng | # | 73 |
| 22) Acetophenone | 7.293 | 105 | 499175 | 50.189 | ng | | 94 |
| 24) Nitrobenzene | 7.463 | 77 | 392104 | 47.818 | ng | | 97 |
| 25) Isophorone | 7.704 | 82 | 710337 | 49.274 | ng | | 99 |
| 26) 2-Nitrophenol | 7.781 | 139 | 184449 | 54.406 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 336616 | 52.242 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.916 | 93 | 430461 | 45.960 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 308452 | 48.651 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.104 | 180 | 325230 | 49.430 | ng | | 98 |
| 31) Naphthalene | 8.192 | 128 | 986012 | 45.485 | ng | | 100 |
| 32) Benzoic acid | 7.928 | 122 | 234383 | 75.394 | ng | | 95 |
| 33) 4-Chloroaniline | 8.234 | 127 | 115624 | 15.178 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.304 | 225 | 229733 | 46.838 | ng | | 99 |
| 35) Caprolactam | 8.604 | 113 | 98125 | 60.552 | ng | # | 77 |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 306778 | 51.593 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.881 | 142 | 612475 | 44.309 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.981 | 142 | 620851 | 46.926 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 9.045 | 216 | 356950 | 48.948 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.034 | 237 | 485641 | 105.078 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.157 | 196 | 227991 | 49.930 | ng | | 100 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 234672 | 49.134 | ng | | 100 |
| 46) 1,1'-Biphenyl | 9.345 | 154 | 865505 | 49.480 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.369 | 162 | 629309 | 44.695 | ng | | 100 |
| 48) 2-Nitroaniline | 9.463 | 65 | 238647 | 56.079 | ng | | 97 |
| 49) Acenaphthylene | 9.787 | 152 | 1023535 | 52.805 | ng | | 100 |
| 50) Dimethylphthalate | 9.645 | 163 | 731465 | 49.664 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.704 | 165 | 156423 | 64.642 | ng | | 94 |
| 52) Acenaphthene | 9.957 | 154 | 622293 | 48.786 | ng | | 99 |
| 53) 3-Nitroaniline | 9.875 | 138 | 91487 | 31.191 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 9.981 | 184 | 121210 | 100.703 | ng | # | 18 |
| 55) Dibenzofuran | 10.134 | 168 | 848921 | 47.064 | ng | | 100 |
| 56) 4-Nitrophenol | 10.028 | 139 | 236657 | 100.124 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 212438 | 58.468 | ng | | 92 |
| 58) Fluorene | 10.475 | 166 | 641919 | 47.871 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232 | 227326 | 55.559 | ng | | 100 |
| 60) Diethylphthalate | 10.345 | 149 | 698970 | 50.698 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204 | 330127 | 48.317 | ng | | 98 |
| 62) 4-Nitroaniline | 10.486 | 138 | 158530 | 57.481 | ng | | 98 |
| 63) Azobenzene | 10.628 | 77 | 737403 | 50.750 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 95114 | 61.024 | ng | # | 81 |
| 66) n-Nitrosodiphenylamine | 10.581 | 169 | 613626 | 47.258 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248 | 310198 | 46.102 | ng | | 100 |
| 68) Hexachlorobenzene | 11.022 | 284 | 374735 | 40.413 | ng | | 93 |
| 69) Atrazine | 11.110 | 200 | 197683 | 52.574 | ng | | 98 |
| 70) Pentachlorophenol | 11.216 | 266 | 416446 | 90.225 | ng | | 99 |
| 71) Phenanthrene | 11.439 | 178 | 940959 | 46.421 | ng | | 99 |
| 72) Anthracene | 11.492 | 178 | 966261 | 47.523 | ng | | 100 |
| 73) Carbazole | 11.645 | 167 | 836065 | 47.030 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.975 | 149 | 1014489 | 49.620 | ng | | 100 |
| 75) Fluoranthene | 12.628 | 202 | 951417 | 46.667 | ng | | 99 |
| 77) Benzidine | 12.745 | 184 | 241360 | 32.360 | ng | | 99 |
| 78) Pyrene | 12.857 | 202 | 943184 | 62.677 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.475 | 149 | 334241 | 64.200 | ng | | 96 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 823820 | 50.101 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.004 | 252 | 159637 | 22.410 | ng | | 99 |
| 83) Chrysene | 14.080 | 228 | 760164 | 51.090 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 393368 | 51.547 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 673377 | 48.645 | ng | # | 93 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 1617559 | 49.351 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 1152982 | 52.411 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 967267 | 43.764 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.468 | 252 | 1075170 | 51.994 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.051 | 278 | 1280220 | 47.754 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 1319988 | 51.078 | ng | | 98 |

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

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