Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143281.D
Acq On : 01 Aug 2025 14:37
Operator : RC/JU
Sample : PB169087BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB169087BS

Quant Time: Aug 01 15:08:44 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 | 111937 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 478481 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 196679 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 332732 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.127 | 240 | 185103 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.633 | 264 | 196335 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.604 | 112 | 846345 | 119.649 | ng | | 0.02 |
| 7) Phenol-d6 | 6.592 | 99 | 1084828 | 121.844 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 750639 | 78.200 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 279755 | 137.688 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.316 | 172 | 1190719 | 82.798 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.068 | 244 | 1102522 | 88.636 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.899 | 88 | 137544 | 41.094 | ng | | 98 |
| 3) Pyridine | 3.651 | 79 | 397516 | 45.758 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.593 | 42 | 205667 | 45.853 | ng | | 98 |
| 6) Aniline | 6.622 | 93 | 362043 | 29.177 | ng | | 95 |
| 8) 2-Chlorophenol | 6.751 | 128 | 365340 | 49.273 | ng | | 97 |
| 9) Benzaldehyde | 6.510 | 77 | 212086 | 31.767 | ng | | 99 |
| 10) Phenol | 6.604 | 94 | 426617 | 43.984 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 326661 | 43.986 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 354530 | 44.016 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 353562 | 43.588 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 344809 | 44.694 | ng | | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 321266 | 47.257 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 627582 | 45.555 | ng | | 98 |
| 17) 2-Methylphenol | 7.210 | 107 | 284459 | 45.628 | ng | | 99 |
| 18) Hexachloroethane | 7.475 | 117 | 129864 | 46.247 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.369 | 70 | 243183 | 42.573 | ng | | 100 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 334201 | 44.184 | ng | # | 74 |
| 22) Acetophenone | 7.363 | 105 | 444791 | 39.264 | ng | | 95 |
| 24) Nitrobenzene | 7.539 | 77 | 372746 | 41.651 | ng | | 99 |
| 25) Isophorone | 7.775 | 82 | 686428 | 40.508 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 182404 | 46.963 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 328255 | 41.462 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 463479 | 45.619 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 306253 | 45.869 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.181 | 180 | 325305 | 45.099 | ng | | 99 |
| 31) Naphthalene | 8.263 | 128 | 1058902 | 44.936 | ng | | 100 |
| 32) Benzoic acid | 8.004 | 122 | 199637 | 45.114 | ng | | 100 |
| 33) 4-Chloroaniline | 8.304 | 127 | 122027 | 12.682 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 195150 | 44.289 | ng | | 98 |
| 35) Caprolactam | 8.675 | 113 | 101664m | 50.389 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.792 | 107 | 337599 | 46.521 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 648907 | 45.253 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 668891 | 45.299 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 308822 | 54.386 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 389339 | 105.377 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.233 | 196 | 194434 | 49.476 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 209348 | 53.255 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 695805 | 45.345 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 510087 | 44.926 | ng | | 99 |
| 48) 2-Nitroaniline | 9.533 | 65 | 172299 | 48.390 | ng | | 100 |
| 49) Acenaphthylene | 9.863 | 152 | 864483 | 45.433 | ng | | 100 |
| 50) Dimethylphthalate | 9.716 | 163 | 604078 | 47.120 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 130014 | 49.852 | ng | | 99 |
| 52) Acenaphthene | 10.033 | 154 | 555470 | 49.392 | ng | | 99 |
| 53) 3-Nitroaniline | 9.945 | 138 | 73630 | 24.137 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 10.051 | 184 | 121594 | 100.966 | ng | # | 1 |
| 55) Dibenzofuran | 10.204 | 168 | 747478 | 44.767 | ng | | 99 |
| 56) 4-Nitrophenol | 10.104 | 139 | 199667 | 87.654 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 10.180 | 165 | 175695 | 53.697 | ng | | 95 |
| 58) Fluorene | 10.551 | 166 | 570237 | 45.504 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 153666 | 47.190 | ng | | 97 |
| 60) Diethylphthalate | 10.416 | 149 | 597644 | 47.165 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 288333 | 46.208 | ng | | 99 |
| 62) 4-Nitroaniline | 10.557 | 138 | 127551 | 48.788 | ng | | 98 |
| 63) Azobenzene | 10.698 | 77 | 586851 | 44.437 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 85778 | 49.044 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 510935 | 43.608 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.027 | 248 | 177500 | 44.764 | ng | | 99 |
| 68) Hexachlorobenzene | 11.104 | 284 | 187073 | 45.137 | ng | | 98 |
| 69) Atrazine | 11.180 | 200 | 157449 | 48.744 | ng | | 100 |
| 70) Pentachlorophenol | 11.292 | 266 | 208299 | 85.462 | ng | | 99 |
| 71) Phenanthrene | 11.516 | 178 | 788552 | 44.634 | ng | | 100 |
| 72) Anthracene | 11.563 | 178 | 808098 | 44.848 | ng | | 99 |
| 73) Carbazole | 11.716 | 167 | 712207 | 45.267 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 856407 | 48.106 | ng | | 100 |
| 75) Fluoranthene | 12.698 | 202 | 777745 | 47.962 | ng | | 100 |
| 77) Benzidine | 12.816 | 184 | 226771 | 31.798 | ng | | 99 |
| 78) Pyrene | 12.933 | 202 | 759881 | 48.101 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 281240 | 58.138 | ng | | 100 |
| 81) Benzo(a)anthracene | 14.115 | 228 | 565267 | 45.613 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.074 | 252 | 88646 | 21.462 | ng | | 98 |
| 83) Chrysene | 14.151 | 228 | 522696 | 46.912 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 363243 | 49.610 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.715 | 149 | 586041 | 44.156 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.180 | 276 | 646594 | 46.705 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.186 | 252 | 552673 | 46.078 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.221 | 252 | 492088 | 45.976 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.568 | 252 | 511924 | 46.324 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.198 | 278 | 527401 | 46.804 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.645 | 276 | 607779 | 55.758 | ng | | 98 |

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

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