Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144360.D
Acq On : 26 Nov 2025 14:30
Operator : RC/JU
Sample : PB170735BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 26 14:58:21 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 :**
PB170735BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 62512 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 243072 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 133431 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 215808 | 20.000 | ng | | #-0.01 |
| 76) Chrysene-d12 | 14.045 | 240 | 134794 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.521 | 264 | 165299 | 20.000 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.493 | 112 | 447382 | 111.994 | ng | | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 512886 | 113.312 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.428 | 82 | 328025 | 77.940 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.698 | 330 | 179624 | 107.276 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 702806 | 77.793 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 649091 | 76.489 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.669 | 88 | 63396 | 38.386 | ng | | 97 |
| 3) Pyridine | 3.446 | 79 | 162211 | 35.205 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.387 | 42 | 96312 | 40.018 | ng | | 85 |
| 6) Aniline | 6.528 | 93 | 201632 | 31.266 | ng | # | 87 |
| 8) 2-Chlorophenol | 6.651 | 128 | 171879 | 43.874 | ng | | 97 |
| 9) Benzaldehyde | 6.416 | 77 | 124314 | 48.638 | ng | | 99 |
| 10) Phenol | 6.516 | 94 | 224044 | 40.513 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 6.598 | 93 | 178307 | 44.249 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.804 | 146 | 198783 | 41.121 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.881 | 146 | 203695 | 42.059 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.034 | 146 | 196702 | 42.375 | ng | | 99 |
| 15) Benzyl Alcohol | 7.004 | 79 | 154241 | 43.035 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134 | 45 | 337314 | 45.456 | ng | | 90 |
| 17) 2-Methylphenol | 7.122 | 107 | 133053 | 42.692 | ng | | 96 |
| 18) Hexachloroethane | 7.369 | 117 | 66621 | 41.405 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 124149 | 41.665 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 153173 | 41.693 | ng | | 92 |
| 22) Acetophenone | 7.275 | 105 | 236329 | 45.322 | ng | | 98 |
| 24) Nitrobenzene | 7.445 | 77 | 186706 | 40.858 | ng | | 96 |
| 25) Isophorone | 7.687 | 82 | 348682 | 43.800 | ng | | 98 |
| 26) 2-Nitrophenol | 7.763 | 139 | 99780 | 44.110 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 161642 | 47.676 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.892 | 93 | 220667 | 44.389 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.004 | 162 | 161736 | 41.389 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.086 | 180 | 172217 | 42.919 | ng | | 96 |
| 31) Naphthalene | 8.169 | 128 | 474435 | 41.032 | ng | | 99 |
| 32) Benzoic acid | 7.934 | 122 | 116638 | 46.932 | ng | | 93 |
| 33) 4-Chloroaniline | 8.216 | 127 | 109190 | 25.892 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.281 | 225 | 116667 | 38.579 | ng | | 99 |
| 35) Caprolactam | 8.592 | 113 | 48709m | 45.497 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 146282 | 41.770 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.857 | 142 | 296221 | 38.317 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.957 | 142 | 299567 | 40.160 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.028 | 216 | 197809 | 45.235 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.010 | 237 | 122939 | 74.159 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.139 | 196 | 120737 | 40.566 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.186 | 196 | 129840 | 40.476 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.322 | 154 | 436999 | 46.919 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.351 | 162 | 327853 | 41.266 | ng | 99 |
| 48) 2-Nitroaniline | 9.445 | 65 | 98103 | 42.796 | ng | 96 |
| 49) Acenaphthylene | 9.763 | 152 | 507247 | 46.852 | ng | 100 |
| 50) Dimethylphthalate | 9.622 | 163 | 389505 | 44.064 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.692 | 165 | 83030 | 46.401 | ng | 91 |
| 52) Acenaphthene | 9.939 | 154 | 279188 | 38.562 | ng | 99 |
| 53) 3-Nitroaniline | 9.863 | 138 | 61989 | 31.690 | ng | 96 |
| 54) 2,4-Dinitrophenol | 9.975 | 184 | 83999 | 77.738 | ng | 98 |
| 55) Dibenzofuran | 10.110 | 168 | 420507 | 41.471 | ng | 98 |
| 56) 4-Nitrophenol | 10.033 | 139 | 91018 | 64.325 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 10.098 | 165 | 104056 | 43.439 | ng | 97 |
| 58) Fluorene | 10.457 | 166 | 328997 | 42.675 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232 | 96596 | 42.562 | ng | 99 |
| 60) Diethylphthalate | 10.322 | 149 | 349165 | 42.849 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204 | 177973 | 40.527 | ng | 99 |
| 62) 4-Nitroaniline | 10.475 | 138 | 73519 | 39.466 | ng | 90 |
| 63) Azobenzene | 10.604 | 77 | 335293 | 44.212 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198 | 61656 | 42.055 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 10.563 | 169 | 318960 | 45.953 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 116495 | 42.291 | ng | 97 |
| 68) Hexachlorobenzene | 11.004 | 284 | 136422 | 42.047 | ng | 97 |
| 69) Atrazine | 11.092 | 200 | 98014 | 44.403 | ng | 98 |
| 70) Pentachlorophenol | 11.204 | 266 | 128729 | 79.676 | ng | 98 |
| 71) Phenanthrene | 11.422 | 178 | 466230 | 43.391 | ng | 99 |
| 72) Anthracene | 11.469 | 178 | 461409 | 42.232 | ng | 99 |
| 73) Carbazole | 11.627 | 167 | 388712 | 41.840 | ng | 100 |
| 74) Di-n-butylphthalate | 11.951 | 149 | 502995 | 44.786 | ng | 98 |
| 75) Fluoranthene | 12.610 | 202 | 454684 | 40.965 | ng | 99 |
| 77) Benzidine | 12.733 | 184 | 72952 | 18.297 | ng | 99 |
| 78) Pyrene | 12.839 | 202 | 452414 | 41.627 | ng | 99 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 168470 | 44.725 | ng | 99 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 407888 | 43.661 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.992 | 252 | 118978 | 37.154 | ng | 97 |
| 83) Chrysene | 14.068 | 228 | 371894 | 43.123 | ng | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149 | 247038 | 47.908 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 453732 | 51.000 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 543435 | 45.798 | ng | 97 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 510236 | 54.294 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.121 | 252 | 395532 | 44.967 | ng | 99 |
| 90) Benzo(a)pyrene | 15.462 | 252 | 445511 | 51.387 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 17.045 | 278 | 451681 | 47.398 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 453226 | 48.162 | ng | 98 |

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

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