Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142834.D
Acq On : 25 Jun 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Jun 25 14:10:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.881 | 152 | 62666 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.163 | 136 | 217016 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.922 | 164 | 105351 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.410 | 188 | 165051 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 130450 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.551 | 264 | 161869 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.492 | 112 | 328466 | 87.268 | ng | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 375586 | 84.579 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 372510 | 94.152 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 91255 | 84.173 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.239 | 172 | 757016 | 94.396 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 667218 | 70.670 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.616 | 88 | 62751 | 41.682 | ng | 99 |
| 3) Pyridine | 3.393 | 79 | 155870 | 41.299 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.334 | 42 | 81166 | 41.588 | ng | 99 |
| 6) Aniline | 6.539 | 93 | 182298 | 30.853 | ng | 96 |
| 8) 2-Chlorophenol | 6.663 | 128 | 172698 | 42.535 | ng | 99 |
| 9) Benzaldehyde | 6.428 | 77 | 200638 | 76.157 | ng | 97 |
| 10) Phenol | 6.522 | 94 | 201697 | 40.861 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 148747 | 42.163 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 6.822 | 146 | 192285 | 42.346 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.898 | 146 | 191969 | 41.902 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.051 | 146 | 179627 | 41.338 | ng | 99 |
| 15) Benzyl Alcohol | 7.022 | 79 | 133269 | 41.513 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151 | 45 | 228661 | 40.342 | ng | 98 |
| 17) 2-Methylphenol | 7.128 | 107 | 122767 | 39.900 | ng | 99 |
| 18) Hexachloroethane | 7.392 | 117 | 67123 | 41.888 | ng | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.286 | 70 | 101541 | 39.316 | ng | 99 |
| 20) 3+4-Methylphenols | 7.286 | 107 | 156461 | 40.784 | ng | 91 |
| 22) Acetophenone | 7.286 | 105 | 210366 | 43.958 | ng | 99 |
| 24) Nitrobenzene | 7.463 | 77 | 156272 | 43.639 | ng | 98 |
| 25) Isophorone | 7.698 | 82 | 244787 | 38.568 | ng | 100 |
| 26) 2-Nitrophenol | 7.781 | 139 | 88606 | 45.422 | ng | 97 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 110534m | 32.712 | ng | |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93 | 171235 | 42.437 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 136247 | 44.470 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.104 | 180 | 149500 | 44.376 | ng | 98 |
| 31) Naphthalene | 8.186 | 128 | 478483 | 45.044 | ng | 100 |
| 32) Benzoic acid | 7.916 | 122 | 84983 | 49.345 | ng | 95 |
| 33) 4-Chloroaniline | 8.233 | 127 | 157517 | 36.468 | ng | 99 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 92637 | 44.953 | ng | 98 |
| 35) Caprolactam | 8.598 | 113 | 33107 | 40.950 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 128828 | 42.309 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.875 | 142 | 306467 | 46.536 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.975 | 142 | 300675 | 44.105 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.045 | 216 | 147474 | 47.441 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.028 | 237 | 84143 | 47.699 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.157 | 196 | 91136 | 44.992 | ng | 99 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.198 | 196 | 95905 | 44.977 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.339 | 154 | 376150 | 45.199 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.369 | 162 | 276163 | 44.220 | ng | 99 |
| 48) 2-Nitroaniline | 9.463 | 65 | 73622 | 42.049 | ng | 97 |
| 49) Acenaphthylene | 9.780 | 152 | 424345 | 41.275 | ng | 99 |
| 50) Dimethylphthalate | 9.639 | 163 | 295308 | 43.304 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.704 | 165 | 65017 | 43.414 | ng | 96 |
| 52) Acenaphthene | 9.957 | 154 | 281768 | 44.920 | ng | 98 |
| 53) 3-Nitroaniline | 9.875 | 138 | 67550 | 40.967 | ng | 98 |
| 54) 2,4-Dinitrophenol | 9.980 | 184 | 33619 | 44.832 | ng | 95 |
| 55) Dibenzofuran | 10.127 | 168 | 402477 | 44.746 | ng | 99 |
| 56) 4-Nitrophenol | 10.033 | 139 | 47821 | 42.364 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 82849 | 41.648 | ng | 99 |
| 58) Fluorene | 10.469 | 166 | 302042 | 42.997 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232 | 76414 | 44.458 | ng | 96 |
| 60) Diethylphthalate | 10.339 | 149 | 298902 | 44.703 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204 | 145019 | 43.262 | ng | 99 |
| 62) 4-Nitroaniline | 10.486 | 138 | 64702 | 42.905 | ng | 97 |
| 63) Azobenzene | 10.622 | 77 | 259329 | 43.395 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 44027 | 44.100 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 10.580 | 169 | 250374 | 43.770 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248 | 85430 | 45.479 | ng | 97 |
| 68) Hexachlorobenzene | 11.022 | 284 | 91443 | 43.810 | ng | 98 |
| 69) Atrazine | 11.104 | 200 | 66356 | 44.922 | ng | 99 |
| 70) Pentachlorophenol | 11.216 | 266 | 49461 | 47.555 | ng | 98 |
| 71) Phenanthrene | 11.433 | 178 | 392851 | 43.939 | ng | 100 |
| 72) Anthracene | 11.486 | 178 | 386458 | 42.146 | ng | 100 |
| 73) Carbazole | 11.639 | 167 | 353066 | 44.618 | ng | 100 |
| 74) Di-n-butylphthalate | 11.969 | 149 | 430341 | 52.204 | ng | 100 |
| 75) Fluoranthene | 12.627 | 202 | 404373 | 47.656 | ng | 99 |
| 77) Benzidine | 12.751 | 184 | 165421 | 33.751 | ng | 99 |
| 78) Pyrene | 12.857 | 202 | 406353 | 33.232 | ng | 99 |
| 80) Butylbenzylphthalate | 13.468 | 149 | 174834 | 49.292 | ng | 100 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 389721 | 44.285 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 123008 | 43.094 | ng | 99 |
| 83) Chrysene | 14.086 | 228 | 339500 | 43.234 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149 | 265043 | 51.937 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 476363 | 49.504 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.068 | 276 | 496379 | 40.260 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.109 | 252 | 442080 | 47.198 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.139 | 252 | 366193 | 41.788 | ng | 99 |
| 90) Benzo(a)pyrene | 15.486 | 252 | 370504 | 40.946 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.080 | 278 | 402958 | 40.224 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.521 | 276 | 412382 | 41.282 | ng | 99 |

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

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