Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
Data File : BF142772.D
Acq On : 18 Jun 2025 11:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 18 12:45:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.887 | 152 | 81687 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.169 | 136 | 316375 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.928 | 164 | 173519 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.416 | 188 | 303610 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.063 | 240 | 189006 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.551 | 264 | 179702 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.498 | 112 | 382415 | 79.732 | ng | 0.00 |
| 7) Phenol-d6 | 6.516 | 99 | 452395 | 80.148 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.451 | 82 | 450060 | 77.853 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.716 | 330 | 143312 | 75.358 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.245 | 172 | 964409 | 73.840 | ng | -0.01 |
| 79) Terphenyl-d14 | 13.004 | 244 | 951931 | 69.173 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.652 | 88 | 76274 | 40.184 | ng | 99 |
| 3) Pyridine | 3.416 | 79 | 192168 | 40.377 | ng | 96 |
| 4) n-Nitrosodimethylamine | 3.369 | 42 | 102617 | 42.141 | ng | 97 |
| 6) Aniline | 6.545 | 93 | 306632 | 40.588 | ng | 96 |
| 8) 2-Chlorophenol | 6.669 | 128 | 205253 | 39.160 | ng | 99 |
| 9) Benzaldehyde | 6.434 | 77 | 126759 | 36.264 | ng | 99 |
| 10) Phenol | 6.528 | 94 | 254999 | 40.643 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.622 | 93 | 181549 | 38.740 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.828 | 146 | 231109 | 38.636 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.904 | 146 | 232660 | 38.487 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.057 | 146 | 221491 | 38.223 | ng | 100 |
| 15) Benzyl Alcohol | 7.028 | 79 | 168902 | 39.590 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157 | 45 | 295336 | 40.028 | ng | 99 |
| 17) 2-Methylphenol | 7.139 | 107 | 159701 | 39.745 | ng | 99 |
| 18) Hexachloroethane | 7.398 | 117 | 81631 | 37.680 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.298 | 70 | 136356 | 37.946 | ng | 98 |
| 20) 3+4-Methylphenols | 7.292 | 107 | 202189 | 39.913 | ng | 96 |
| 22) Acetophenone | 7.292 | 105 | 269700 | 38.323 | ng | 95 |
| 24) Nitrobenzene | 7.469 | 77 | 203393 | 39.642 | ng | 97 |
| 25) Isophorone | 7.710 | 82 | 369909 | 37.792 | ng | 99 |
| 26) 2-Nitrophenol | 7.786 | 139 | 107875 | 37.674 | ng | 99 |
| 27) 2,4-Dimethylphenol | 7.822 | 122 | 189290 | 38.828 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.916 | 93 | 229379 | 37.746 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.028 | 162 | 173836 | 38.638 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.110 | 180 | 187650 | 37.745 | ng | 99 |
| 31) Naphthalene | 8.192 | 128 | 604648 | 38.644 | ng | 100 |
| 32) Benzoic acid | 7.934 | 122 | 102285 | 37.255 | ng | 99 |
| 33) 4-Chloroaniline | 8.239 | 127 | 245609 | 39.095 | ng | 98 |
| 34) Hexachlorobutadiene | 8.304 | 225 | 116472 | 36.764 | ng | 99 |
| 35) Caprolactam | 8.610 | 113 | 50481 | 41.567 | ng | 92 |
| 36) 4-Chloro-3-methylphenol | 8.722 | 107 | 178949 | 38.252 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.881 | 142 | 377771 | 38.145 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.981 | 142 | 388402 | 37.858 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.051 | 216 | 189349 | 37.703 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.033 | 237 | 112347 | 34.854 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.163 | 196 | 122904 | 37.806 | ng | 98 |

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

Quant Time: Jun 18 12:45:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.204 | 196 | 133777 | 38.099 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.345 | 154 | 513826 | 38.135 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.375 | 162 | 378733 | 38.153 | ng | 99 |
| 48) 2-Nitroaniline | 9.469 | 65 | 112388 | 39.807 | ng | 99 |
| 49) Acenaphthylene | 9.786 | 152 | 643197 | 38.428 | ng | 100 |
| 50) Dimethylphthalate | 9.645 | 163 | 441729 | 38.122 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 96052 | 38.355 | ng | 94 |
| 52) Acenaphthene | 9.963 | 154 | 394938 | 38.057 | ng | 99 |
| 53) 3-Nitroaniline | 9.880 | 138 | 107851 | 39.705 | ng | 99 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 50790 | 37.024 | ng | 92 |
| 55) Dibenzofuran | 10.133 | 168 | 564917 | 38.228 | ng | 99 |
| 56) 4-Nitrophenol | 10.039 | 139 | 78789 | 42.767 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.116 | 165 | 130019 | 39.267 | ng | 98 |
| 58) Fluorene | 10.475 | 166 | 443483 | 38.003 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232 | 111545 | 37.761 | ng | 100 |
| 60) Diethylphthalate | 10.345 | 149 | 433566 | 37.735 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204 | 209215 | 36.710 | ng | 99 |
| 62) 4-Nitroaniline | 10.492 | 138 | 107060 | 44.056 | ng | 98 |
| 63) Azobenzene | 10.627 | 77 | 381154 | 37.984 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198 | 71742 | 37.734 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 10.586 | 169 | 383267 | 36.725 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248 | 128466 | 35.847 | ng | 98 |
| 68) Hexachlorobenzene | 11.027 | 284 | 143611 | 36.101 | ng | 97 |
| 69) Atrazine | 11.110 | 200 | 115638 | 41.561 | ng | 99 |
| 70) Pentachlorophenol | 11.222 | 266 | 79210 | 37.985 | ng | 99 |
| 71) Phenanthrene | 11.439 | 178 | 618197 | 38.007 | ng | 100 |
| 72) Anthracene | 11.492 | 178 | 633056 | 37.623 | ng | 99 |
| 73) Carbazole | 11.645 | 167 | 570091 | 40.471 | ng | 100 |
| 74) Di-n-butylphthalate | 11.974 | 149 | 638393 | 40.587 | ng | 100 |
| 75) Fluoranthene | 12.627 | 202 | 625532 | 40.444 | ng | 99 |
| 77) Benzidine | 12.751 | 184 | 296841 | 44.099 | ng | 99 |
| 78) Pyrene | 12.863 | 202 | 629275 | 35.827 | ng | 99 |
| 80) Butylbenzylphthalate | 13.474 | 149 | 216258 | 41.636 | ng | 98 |
| 81) Benzo(a)anthracene | 14.051 | 228 | 485853 | 38.791 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 161079 | 39.882 | ng | 98 |
| 83) Chrysene | 14.086 | 228 | 434022 | 37.533 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 288727 | 37.041 | ng | 98 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 482742 | 32.280 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.062 | 276 | 471417 | 35.400 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.110 | 252 | 432974 | 40.919 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.139 | 252 | 377376 | 36.758 | ng | 99 |
| 90) Benzo(a)pyrene | 15.486 | 252 | 388443 | 38.611 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.080 | 278 | 386372 | 35.533 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.521 | 276 | 376166 | 34.789 | ng | 99 |

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

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