Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 15:03:28 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 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 167098 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 641413 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 331881 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 542726 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 296414 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 323574 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.587 | 112 | 823062 | 77.946 | ng | 0.00 |
| 7) Phenol-d6 | 6.587 | 99 | 1038821 | 78.160 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 1023138 | 79.512 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.786 | 330 | 279373 | 81.485 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1802398 | 74.274 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.068 | 244 | 1554923 | 78.063 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.822 | 88 | 200396 | 40.108 | ng | 100 |
| 3) Pyridine | 3.587 | 79 | 511417 | 39.435 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.534 | 42 | 270676 | 40.426 | ng | 100 |
| 6) Aniline | 6.622 | 93 | 736668 | 39.770 | ng | 100 |
| 8) 2-Chlorophenol | 6.745 | 128 | 437914 | 39.565 | ng | 100 |
| 9) Benzaldehyde | 6.516 | 77 | 482238 | 48.387 | ng | 100 |
| 10) Phenol | 6.598 | 94 | 571741m | 39.487 | ng | |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 435450 | 39.279 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 468194 | 38.939 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 474015 | 39.147 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 448808 | 38.970 | ng | 100 |
| 15) Benzyl Alcohol | 7.098 | 79 | 406107 | 40.017 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 808980 | 39.337 | ng | 100 |
| 17) 2-Methylphenol | 7.204 | 107 | 366495 | 39.381 | ng | 100 |
| 18) Hexachloroethane | 7.481 | 117 | 165263 | 39.425 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.375 | 70 | 329619 | 38.656 | ng | 100 |
| 20) 3+4-Methylphenols | 7.357 | 107 | 448100 | 39.685 | ng | 100 |
| 22) Acetophenone | 7.369 | 105 | 583796 | 38.444 | ng | 100 |
| 24) Nitrobenzene | 7.545 | 77 | 481500 | 40.136 | ng | 100 |
| 25) Isophorone | 7.781 | 82 | 888017 | 39.093 | ng | 100 |
| 26) 2-Nitrophenol | 7.857 | 139 | 220354 | 42.323 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.886 | 122 | 416128 | 39.210 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 529258 | 38.860 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 353866 | 39.537 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 376590 | 38.947 | ng | 100 |
| 31) Naphthalene | 8.269 | 128 | 1224033 | 38.749 | ng | 100 |
| 32) Benzoic acid | 7.992 | 122 | 230958m | 39.680 | ng | |
| 33) 4-Chloroaniline | 8.310 | 127 | 500402 | 38.796 | ng | 100 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 231609 | 39.211 | ng | 100 |
| 35) Caprolactam | 8.681 | 113 | 111733 | 41.312 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.781 | 107 | 385507 | 39.628 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 744295 | 38.720 | ng | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 768508 | 38.825 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 365234 | 38.118 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 247480 | 39.695 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 255115 | 38.471 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.269 | 196 | 268615 | 40.494 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 988537 | 38.177 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 731879 | 38.200 | ng | 100 |
| 48) 2-Nitroaniline | 9.533 | 65 | 249908 | 41.594 | ng | 100 |
| 49) Acenaphthylene | 9.863 | 152 | 1234789 | 38.458 | ng | 100 |
| 50) Dimethylphthalate | 9.716 | 163 | 848828 | 39.238 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 184242 | 41.866 | ng | 100 |
| 52) Acenaphthene | 10.033 | 154 | 727386 | 38.330 | ng | 100 |
| 53) 3-Nitroaniline | 9.945 | 138 | 210179 | 40.832 | ng | 100 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 69157 | 38.449 | ng | 100 |
| 55) Dibenzofuran | 10.204 | 168 | 1083678 | 38.462 | ng | 100 |
| 56) 4-Nitrophenol | 10.086 | 139 | 163009 | 42.408 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 10.175 | 165 | 235101 | 42.581 | ng | 100 |
| 58) Fluorene | 10.551 | 166 | 804336 | 38.037 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 220872 | 40.196 | ng | 100 |
| 60) Diethylphthalate | 10.416 | 149 | 842184 | 39.387 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 406477 | 38.604 | ng | 100 |
| 62) 4-Nitroaniline | 10.557 | 138 | 185530 | 42.055 | ng | 100 |
| 63) Azobenzene | 10.698 | 77 | 876387 | 39.326 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198 | 105533 | 38.322 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 731532 | 38.278 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 11.027 | 248 | 247764 | 38.307 | ng | 100 |
| 68) Hexachlorobenzene | 11.098 | 284 | 259758 | 38.424 | ng | 100 |
| 69) Atrazine | 11.174 | 200 | 212970 | 40.421 | ng | 100 |
| 70) Pentachlorophenol | 11.286 | 266 | 161013 | 40.500 | ng | 100 |
| 71) Phenanthrene | 11.510 | 178 | 1107412 | 38.429 | ng | 100 |
| 72) Anthracene | 11.563 | 178 | 1126710 | 38.336 | ng | 100 |
| 73) Carbazole | 11.710 | 167 | 1008669 | 39.304 | ng | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 1165443 | 40.135 | ng | 100 |
| 75) Fluoranthene | 12.698 | 202 | 1034509 | 39.111 | ng | 100 |
| 77) Benzidine | 12.810 | 184 | 564732 | 49.451 | ng | 100 |
| 78) Pyrene | 12.927 | 202 | 1016822 | 40.195 | ng | 100 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 322273 | 41.603 | ng | 100 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 759726 | 38.283 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.068 | 252 | 254099 | 38.418 | ng | 100 |
| 83) Chrysene | 14.151 | 228 | 715222 | 40.085 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 467892 | 39.906 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.715 | 149 | 820264 | 38.595 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.162 | 276 | 914626 | 40.086 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 742346 | 37.554 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.210 | 252 | 733635 | 41.591 | ng | 100 |
| 90) Benzo(a)pyrene | 15.562 | 252 | 725344 | 39.826 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.180 | 278 | 742180 | 39.964 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.627 | 276 | 717648 | 39.949 | ng | 100 |

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

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