Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143095.D
Acq On : 15 Jul 2025 14:05
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 17:38:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.969 | 152 | 129158 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 488635 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 248013 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 412977 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.127 | 240 | 231826 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.633 | 264 | 195100 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.581 | 112 | 164234 | 20.090 | ng | | 0.00 |
| 7) Phenol-d6 | 6.575 | 99 | 208774 | 20.317 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.516 | 82 | 156007m | 17.910 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.786 | 330 | 39055 | 17.661 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 407861 | 21.860 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 340992 | 21.502 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.810 | 88 | 40980 | 10.070 | ng | | 98 |
| 3) Pyridine | 3.581 | 79 | 99499 | 9.656 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.504 | 42 | 50912 | 9.536 | ng | # | 96 |
| 6) Aniline | 6.622 | 93 | 145577 | 10.060 | ng | | 99 |
| 8) 2-Chlorophenol | 6.745 | 128 | 78009 | 9.498 | ng | | 98 |
| 9) Benzaldehyde | 6.510 | 77 | 77218 | 9.862 | ng | | 97 |
| 10) Phenol | 6.587 | 94 | 112508 | 10.114 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.693 | 93 | 88047 | 10.224 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 95695 | 10.313 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.987 | 146 | 95134 | 10.191 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.140 | 146 | 90960 | 10.218 | ng | | 100 |
| 15) Benzyl Alcohol | 7.092 | 79 | 72743 | 9.554 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.240 | 45 | 163494 | 10.299 | ng | | 99 |
| 17) 2-Methylphenol | 7.204 | 107 | 69808 | 9.849 | ng | | 99 |
| 18) Hexachloroethane | 7.487 | 117 | 28400 | 9.345 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.363 | 70 | 63831 | 10.139 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.351 | 107 | 90318 | 10.391 | ng | # | 83 |
| 22) Acetophenone | 7.363 | 105 | 126127 | 10.708 | ng | | 95 |
| 24) Nitrobenzene | 7.540 | 77 | 77369 | 9.201 | ng | | 97 |
| 25) Isophorone | 7.775 | 82 | 167986 | 9.978 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 18432 | 8.966 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.887 | 122 | 78706 | 10.072 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 106045 | 10.387 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.092 | 162 | 62164 | 9.724 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.187 | 180 | 74581 | 10.280 | ng | | 98 |
| 31) Naphthalene | 8.269 | 128 | 256031 | 10.551 | ng | | 99 |
| 32) Benzoic acid | 7.939 | 122 | 19661m | 10.880 | ng | | |
| 33) 4-Chloroaniline | 8.310 | 127 | 102550 | 10.510 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 42959 | 9.901 | ng | | 97 |
| 35) Caprolactam | 8.634 | 113 | 17855 | 8.944 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.775 | 107 | 70747 | 9.935 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 152822 | 10.557 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 161228 | 10.739 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 74348 | 10.287 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.122 | 237 | 31472 | 7.854 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.234 | 196 | 38748 | 8.628 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.263 | 196 | 45455 | 9.653 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 209259 | 10.580 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 149175 | 10.267 | ng | | 99 |
| 48) 2-Nitroaniline | 9.534 | 65 | 27816 | 9.163 | ng | | 98 |
| 49) Acenaphthylene | 9.863 | 152 | 249435 | 10.302 | ng | | 100 |
| 50) Dimethylphthalate | 9.710 | 163 | 156072 | 10.003 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.769 | 165 | 21789 | 9.451 | ng | | 96 |
| 52) Acenaphthene | 10.033 | 154 | 149318 | 10.451 | ng | | 100 |
| 53) 3-Nitroaniline | 9.939 | 138 | 28105 | 8.336 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 10.039 | 184 | 4729 | 10.239 | ng | # | 1 |
| 55) Dibenzofuran | 10.204 | 168 | 222555 | 10.451 | ng | | 98 |
| 56) 4-Nitrophenol | 10.081 | 139 | 20334 | 7.589 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.175 | 165 | 24420 | 9.293 | ng | # | 95 |
| 58) Fluorene | 10.551 | 166 | 171975 | 10.771 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 33995 | 9.084 | ng | | 99 |
| 60) Diethylphthalate | 10.416 | 149 | 150934 | 10.027 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.545 | 204 | 79583 | 10.400 | ng | | 99 |
| 62) 4-Nitroaniline | 10.545 | 138 | 25757 | 8.785 | ng | | 96 |
| 63) Azobenzene | 10.698 | 77 | 173437 | 10.418 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.581 | 198 | 7158 | 10.290 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 10.651 | 169 | 146433 | 10.094 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248 | 45279 | 9.641 | ng | | 97 |
| 68) Hexachlorobenzene | 11.104 | 284 | 49035 | 9.840 | ng | | 96 |
| 69) Atrazine | 11.175 | 200 | 35230 | 9.492 | ng | | 99 |
| 70) Pentachlorophenol | 11.286 | 266 | 20245 | 7.405 | ng | | 97 |
| 71) Phenanthrene | 11.510 | 178 | 234601 | 10.526 | ng | | 100 |
| 72) Anthracene | 11.563 | 178 | 232459 | 10.372 | ng | | 99 |
| 73) Carbazole | 11.710 | 167 | 211853 | 10.551 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.051 | 149 | 174639 | 9.475 | ng | | 100 |
| 75) Fluoranthene | 12.704 | 202 | 217346 | 10.725 | ng | | 99 |
| 77) Benzidine | 12.816 | 184 | 76979 | 9.747 | ng | | 99 |
| 78) Pyrene | 12.927 | 202 | 226752 | 10.542 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.545 | 149 | 26977 | 9.210 | ng | | 94 |
| 81) Benzo(a)anthracene | 14.116 | 228 | 151099 | 9.781 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.074 | 252 | 36435 | 8.122 | ng | | 99 |
| 83) Chrysene | 14.151 | 228 | 142990 | 10.050 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.110 | 149 | 39724 | 9.073 | ng | | 97 |
| 85) Di-n-octyl phthalate | 14.727 | 149 | 54952 | 10.526 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 17.168 | 276 | 137620 | 9.484 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.186 | 252 | 116154 | 10.321 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.216 | 252 | 103994 | 9.686 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.568 | 252 | 99366 | 9.336 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.186 | 278 | 113316 | 9.553 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.627 | 276 | 115816 | 9.577 | ng | | 98 |

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

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