Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142715.D
Acq On : 10 Jun 2025 18:22
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Quant Time: Jun 11 04:44:44 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 04:40:33 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.892 | 152 | 81140 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.181 | 136 | 314255 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.933 | 164 | 177830 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.422 | 188 | 309039 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.068 | 240 | 171505 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.562 | 264 | 149863 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 194642 | 40.648 | ng | 0.00 |
| 7) Phenol-d6 | 6.516 | 99 | 227264 | 40.584 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.457 | 82 | 232019 | 40.499 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.722 | 330 | 79780 | 40.055 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.251 | 172 | 557975 | 42.608 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.010 | 244 | 533769 | 47.276 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.669 | 88 | 38265 | 20.866 | ng | 99 |
| 3) Pyridine | 3.440 | 79 | 94010 | 19.906 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.381 | 42 | 47876 | 20.630 | ng | 100 |
| 6) Aniline | 6.551 | 93 | 153658 | 20.432 | ng | 99 |
| 8) 2-Chlorophenol | 6.675 | 128 | 105458 | 20.140 | ng | 98 |
| 9) Benzaldehyde | 6.440 | 77 | 77101 | 24.308 | ng | 99 |
| 10) Phenol | 6.528 | 94 | 127959 | 20.461 | ng | 95 |
| 11) bis(2-Chloroethyl)ether | 6.622 | 93 | 93244 | 20.354 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 122041 | 20.821 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 123218 | 20.634 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 117164 | 20.577 | ng | 99 |
| 15) Benzyl Alcohol | 7.028 | 79 | 85092 | 20.593 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 149275 | 20.134 | ng | 99 |
| 17) 2-Methylphenol | 7.140 | 107 | 80771 | 20.215 | ng | 98 |
| 18) Hexachloroethane | 7.404 | 117 | 44183 | 21.335 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.298 | 70 | 71901 | 21.709 | ng | 96 |
| 20) 3+4-Methylphenols | 7.292 | 107 | 104278 | 21.119 | ng | 99 |
| 22) Acetophenone | 7.298 | 105 | 143791 | 20.920 | ng | 99 |
| 24) Nitrobenzene | 7.475 | 77 | 102335 | 19.854 | ng | 100 |
| 25) Isophorone | 7.710 | 82 | 197471 | 21.062 | ng | 99 |
| 26) 2-Nitrophenol | 7.792 | 139 | 57374 | 20.198 | ng | 98 |
| 27) 2,4-Dimethylphenol | 7.828 | 122 | 97721 | 20.170 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.922 | 93 | 123223 | 21.148 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.034 | 162 | 91906 | 20.874 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.116 | 180 | 101174 | 20.839 | ng | 100 |
| 31) Naphthalene | 8.198 | 128 | 320958 | 20.724 | ng | 100 |
| 32) Benzoic acid | 7.916 | 122 | 51045 | 17.603 | ng | 98 |
| 33) 4-Chloroaniline | 8.245 | 127 | 125346 | 19.722 | ng | 98 |
| 34) Hexachlorobutadiene | 8.316 | 225 | 64827 | 21.572 | ng | 100 |
| 35) Caprolactam | 8.598 | 113 | 24851 | 18.615 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 8.722 | 107 | 95329 | 20.614 | ng | 97 |
| 37) 2-Methylnaphthalene | 8.892 | 142 | 201323 | 20.401 | ng | 98 |
| 38) 1-Methylnaphthalene | 8.986 | 142 | 210345 | 20.677 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.057 | 216 | 104684 | 20.240 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.045 | 237 | 61808 | 20.035 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.169 | 196 | 68065 | 20.145 | ng | 99 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.210 | 196 | 73361 | 20.277 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.351 | 154 | 282209 | 20.415 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.381 | 162 | 209413 | 20.249 | ng | 98 |
| 48) 2-Nitroaniline | 9.475 | 65 | 59282 | 19.433 | ng | 97 |
| 49) Acenaphthylene | 9.798 | 152 | 356197 | 20.763 | ng | 99 |
| 50) Dimethylphthalate | 9.651 | 163 | 241601 | 20.198 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.716 | 165 | 52512 | 20.224 | ng | 98 |
| 52) Acenaphthene | 9.969 | 154 | 217647 | 20.723 | ng | 100 |
| 53) 3-Nitroaniline | 9.886 | 138 | 56260 | 19.477 | ng | 99 |
| 54) 2,4-Dinitrophenol | 9.992 | 184 | 27444 | 19.262 | ng | 93 |
| 55) Dibenzofuran | 10.139 | 168 | 317114 | 21.043 | ng | 98 |
| 56) 4-Nitrophenol | 10.039 | 139 | 38970 | 19.729 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 10.116 | 165 | 71013 | 20.550 | ng | 98 |
| 58) Fluorene | 10.480 | 166 | 248361 | 20.651 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232 | 63447 | 21.135 | ng | 99 |
| 60) Diethylphthalate | 10.351 | 149 | 243956 | 20.962 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204 | 121003 | 21.164 | ng | 99 |
| 62) 4-Nitroaniline | 10.492 | 138 | 52343 | 19.338 | ng | 99 |
| 63) Azobenzene | 10.633 | 77 | 209543 | 20.087 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198 | 37992 | 19.767 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 10.592 | 169 | 214287 | 21.496 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248 | 73566 | 21.518 | ng | 97 |
| 68) Hexachlorobenzene | 11.033 | 284 | 81172 | 20.794 | ng | 97 |
| 69) Atrazine | 11.116 | 200 | 58054 | 19.586 | ng | 99 |
| 70) Pentachlorophenol | 11.227 | 266 | 40960 | 19.434 | ng | 98 |
| 71) Phenanthrene | 11.445 | 178 | 338235 | 20.462 | ng | 100 |
| 72) Anthracene | 11.498 | 178 | 352159 | 20.574 | ng | 99 |
| 73) Carbazole | 11.651 | 167 | 299238 | 19.681 | ng | 99 |
| 74) Di-n-butylphthalate | 11.980 | 149 | 331400 | 20.596 | ng | 100 |
| 75) Fluoranthene | 12.639 | 202 | 333984 | 20.774 | ng | 100 |
| 77) Benzidine | 12.763 | 184 | 132404 | 21.990 | ng | 100 |
| 78) Pyrene | 12.869 | 202 | 330717 | 22.830 | ng | 99 |
| 80) Butylbenzylphthalate | 13.480 | 149 | 90265 | 20.402 | ng | 99 |
| 81) Benzo(a)anthracene | 14.057 | 228 | 220169 | 19.646 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.021 | 252 | 69036 | 19.277 | ng | 99 |
| 83) Chrysene | 14.092 | 228 | 213547 | 20.321 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149 | 129627 | 24.572 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.657 | 149 | 237492 | 22.858 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.074 | 276 | 218550 | 20.449 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.121 | 252 | 166706 | 18.561 | ng | 98 |
| 89) Benzo(k)fluoranthene | 15.151 | 252 | 186600 | 22.459 | ng | 99 |
| 90) Benzo(a)pyrene | 15.498 | 252 | 168181 | 20.044 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.092 | 278 | 181987 | 21.041 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.533 | 276 | 176608 | 19.815 | ng | 98 |

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

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