Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025006.D
Acq On : 19 Jun 2025 18:26
Operator : RC/JU
Sample : Q2347-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-10MS

Quant Time: Jun 19 19:06:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.602 | 152 | 300654 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.372 | 136 | 1153563 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.248 | 164 | 701293 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.060 | 188 | 1369804 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.495 | 240 | 1442401 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.777 | 264 | 1737125 | 20.000 | ng | | 0.06 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.237 | 112 | 1880226 | 104.388 | ng | | 0.00 |
| 7) Phenol-d6 | 6.814 | 99 | 2383086 | 99.997 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.755 | 82 | 1472434 | 62.025 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.778 | 330 | 1014848 | 104.669 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.854 | 172 | 3122979 | 59.990 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.789 | 244 | 4814936 | 59.828 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.161 | 88 | 296522 | 37.414 | ng | | 98 |
| 3) Pyridine | 3.561 | 79 | 777316 | 40.783 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.473 | 42 | 336607 | 43.198 | ng | | 96 |
| 6) Aniline | 6.949 | 93 | 848790 | 27.909 | ng | | 100 |
| 8) 2-Chlorophenol | 7.184 | 128 | 946291 | 46.344 | ng | | 100 |
| 9) Benzaldehyde | 6.761 | 77 | 617006 | 44.918 | ng | | 99 |
| 10) Phenol | 6.837 | 94 | 1140925 | 46.440 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.037 | 93 | 861256 | 44.572 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.490 | 146 | 1002153 | 43.995 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.637 | 146 | 1012546 | 44.055 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.949 | 146 | 970357 | 42.995 | ng | | 100 |
| 15) Benzyl Alcohol | 7.855 | 79 | 806234 | 44.080 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.125 | 45 | 1101320 | 43.546 | ng | | 99 |
| 17) 2-Methylphenol | 8.066 | 107 | 761518 | 44.388 | ng | | 98 |
| 18) Hexachloroethane | 8.655 | 117 | 380405 | 43.962 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.408 | 70 | 670951 | 41.414 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.396 | 107 | 1016806 | 43.442 | ng | | 96 |
| 22) Acetophenone | 8.425 | 105 | 1316378 | 45.166 | ng | # | 99 |
| 24) Nitrobenzene | 8.802 | 77 | 970948 | 46.039 | ng | | 99 |
| 25) Isophorone | 9.319 | 82 | 1839066 | 44.700 | ng | | 99 |
| 26) 2-Nitrophenol | 9.502 | 139 | 512126 | 49.216 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.578 | 122 | 827479 | 46.465 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 9.796 | 93 | 1116189 | 45.480 | ng | # | 97 |
| 29) 2,4-Dichlorophenol | 10.060 | 162 | 841675 | 49.257 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.237 | 180 | 875913 | 45.447 | ng | | 99 |
| 31) Naphthalene | 10.425 | 128 | 2707445 | 45.799 | ng | | 99 |
| 32) Benzoic acid | 9.790 | 122 | 655593 | 54.476 | ng | | 97 |
| 33) 4-Chloroaniline | 10.555 | 127 | 574847 | 23.210 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.702 | 225 | 541179 | 46.589 | ng | | 99 |
| 35) Caprolactam | 11.360 | 113 | 301748 | 47.973 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 11.707 | 107 | 929186 | 47.144 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.043 | 142 | 1715743 | 45.755 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.266 | 142 | 1791651 | 44.691 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.425 | 216 | 944045 | 47.441 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.390 | 237 | 979716 | 80.718 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.684 | 196 | 670333 | 50.160 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.778 | 196 | 737605 | 51.538 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.072 | 154 | 2403102 | 47.152 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.113 | 162 | 1851737 | 47.274 | ng | | 100 |
| 48) 2-Nitroaniline | 13.337 | 65 | 581837 | 48.316 | ng | | 96 |
| 49) Acenaphthylene | 13.972 | 152 | 3018623 | 46.219 | ng | | 100 |
| 50) Dimethylphthalate | 13.713 | 163 | 2389367 | 46.186 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.843 | 165 | 530728 | 47.588 | ng | | 96 |
| 52) Acenaphthene | 14.319 | 154 | 1753441 | 46.852 | ng | | 100 |
| 53) 3-Nitroaniline | 14.184 | 138 | 335156 | 28.958 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 14.413 | 184 | 712859 | 96.898 | ng | | 94 |
| 55) Dibenzofuran | 14.660 | 168 | 2748969 | 45.759 | ng | | 99 |
| 56) 4-Nitrophenol | 14.554 | 139 | 821107 | 83.545 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.654 | 165 | 758309 | 48.607 | ng | # | 92 |
| 58) Fluorene | 15.325 | 166 | 2256542 | 46.498 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.907 | 232 | 629507 | 49.229 | ng | | 98 |
| 60) Diethylphthalate | 15.095 | 149 | 2453677 | 47.591 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.313 | 204 | 1110242 | 46.789 | ng | | 98 |
| 62) 4-Nitroaniline | 15.378 | 138 | 516167 | 49.187 | ng | | 91 |
| 63) Azobenzene | 15.613 | 77 | 2509594 | 53.073 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.437 | 198 | 444463 | 49.380 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 15.537 | 169 | 1975658 | 46.533 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.231 | 248 | 722139 | 46.723 | ng | | 97 |
| 68) Hexachlorobenzene | 16.354 | 284 | 859782 | 45.887 | ng | | 95 |
| 69) Atrazine | 16.525 | 200 | 733050 | 47.626 | ng | | 99 |
| 70) Pentachlorophenol | 16.719 | 266 | 1102604 | 113.702 | ng | | 99 |
| 71) Phenanthrene | 17.101 | 178 | 3483796 | 46.023 | ng | | 99 |
| 72) Anthracene | 17.195 | 178 | 3603129 | 46.999 | ng | | 100 |
| 73) Carbazole | 17.484 | 167 | 3354983 | 47.214 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.066 | 149 | 4351849 | 49.429 | ng | | 100 |
| 75) Fluoranthene | 19.195 | 202 | 4114293 | 46.894 | ng | | 99 |
| 77) Benzidine | 19.401 | 184 | 1981239 | 44.350 | ng | | 100 |
| 78) Pyrene | 19.572 | 202 | 4265160 | 47.331 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.525 | 149 | 2096919 | 50.802 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.477 | 228 | 4317005 | 46.795 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.407 | 252 | 1194213 | 32.607 | ng | | 99 |
| 83) Chrysene | 21.548 | 228 | 4112171 | 47.043 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.407 | 149 | 3041809 | 51.435 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.648 | 149 | 5272581 | 50.582 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.501 | 276 | 6063935 | 47.844 | ng | # | 90 |
| 88) Benzo(b)fluoranthene | 23.736 | 252 | 4665279m | 46.927 | ng | | |
| 89) Benzo(k)fluoranthene | 23.801 | 252 | 4698731 | 46.432 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.618 | 252 | 4613412 | 47.518 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.559 | 278 | 4947335 | 47.955 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 29.636 | 276 | 4857239 | 47.452 | ng | | 98 |

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

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