Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025175.D
Acq On : 17 Jul 2025 12:49
Operator : CG/JU
Sample : PB168902BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB168902BS

Quant Time: Jul 17 13:10:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.443 | 152 | 561470 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.196 | 136 | 2177726 | 20.000 | ng | 0.01 |
| 39) Acenaphthene-d10 | 14.101 | 164 | 1387226 | 20.000 | ng | 0.01 |
| 64) Phenanthrene-d10 | 16.931 | 188 | 2801043 | 20.000 | ng | 0.02 |
| 76) Chrysene-d12 | 21.360 | 240 | 2810625 | 20.000 | ng | 0.02 |
| 86) Perylene-d12 | 24.501 | 264 | 3233614 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.108 | 112 | 4143295 | 130.751 | ng | 0.01 |
| 7) Phenol-d6 | 6.643 | 99 | 5050690 | 122.137 | ng | 0.01 |
| 23) Nitrobenzene-d5 | 8.578 | 82 | 2998588 | 91.573 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol | 15.631 | 330 | 2653637 | 161.928 | ng | 0.01 |
| 45) 2-Fluorobiphenyl | 12.707 | 172 | 7867477 | 87.859 | ng | 0.01 |
| 79) Terphenyl-d14 | 19.677 | 244 | 11814441 | 92.384 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.120 | 88 | 458858 | 37.238 | ng | 98 |
| 3) Pyridine | 3.490 | 79 | 1268400 | 37.598 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.402 | 42 | 572174 | 40.057 | ng | 92 |
| 6) Aniline | 6.784 | 93 | 1803850 | 46.687 | ng | 99 |
| 8) 2-Chlorophenol | 7.019 | 128 | 1713818 | 48.338 | ng | 99 |
| 9) Benzaldehyde | 6.602 | 77 | 995986 | 46.118 | ng | 94 |
| 10) Phenol | 6.672 | 94 | 1939103 | 46.150 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 6.884 | 93 | 1415777 | 43.782 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.331 | 146 | 1805890 | 45.511 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.478 | 146 | 1865680 | 46.439 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.784 | 146 | 1785488 | 46.200 | ng | 100 |
| 15) Benzyl Alcohol | 7.678 | 79 | 1293073 | 46.850 | ng | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.966 | 45 | 1791113 | 42.598 | ng | 99 |
| 17) 2-Methylphenol | 7.890 | 107 | 1335782 | 49.352 | ng | 99 |
| 18) Hexachloroethane | 8.502 | 117 | 635188 | 48.533 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.243 | 70 | 1045303 | 42.623 | ng | 96 |
| 20) 3+4-Methylphenols | 8.213 | 107 | 1810219 | 47.749 | ng | 99 |
| 22) Acetophenone | 8.249 | 105 | 2247012 | 43.629 | ng | 98 |
| 24) Nitrobenzene | 8.613 | 77 | 1542789 | 46.255 | ng | 96 |
| 25) Isophorone | 9.143 | 82 | 2978913 | 48.679 | ng | 99 |
| 26) 2-Nitrophenol | 9.313 | 139 | 902612 | 55.233 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.390 | 122 | 1549913 | 67.897 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.619 | 93 | 1891193 | 45.515 | ng | 99 |
| 29) 2,4-Dichlorophenol | 9.854 | 162 | 1621241 | 51.219 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.060 | 180 | 1664790 | 47.494 | ng | 98 |
| 31) Naphthalene | 10.243 | 128 | 4856654 | 43.311 | ng | 100 |
| 32) Benzoic acid | 9.549 | 122 | 1198794 | 51.977 | ng | 94 |
| 33) 4-Chloroaniline | 10.349 | 127 | 1190282 | 28.443 | ng | 99 |
| 34) Hexachlorobutadiene | 10.543 | 225 | 992407 | 49.336 | ng | 99 |
| 35) Caprolactam | 11.137 | 113 | 513485m | 47.420 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.496 | 107 | 1587665 | 47.998 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.866 | 142 | 3181709 | 40.214 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.090 | 142 | 3307575 | 42.864 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.254 | 216 | 1858051 | 46.604 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.237 | 237 | 2413979 | 231.804 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.496 | 196 | 1322414 | 54.778 | ng | 99 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.578 | 196 | 1468176 | 53.663 | ng | 97 |
| 46) 1,1'-Biphenyl | 12.913 | 154 | 4569256 | 45.270 | ng | 100 |
| 47) 2-Chloronaphthalene | 12.948 | 162 | 3497146 | 46.099 | ng | 100 |
| 48) 2-Nitroaniline | 13.154 | 65 | 921914 | 49.517 | ng | 91 |
| 49) Acenaphthylene | 13.807 | 152 | 5784170 | 49.817 | ng | 100 |
| 50) Dimethylphthalate | 13.560 | 163 | 4564760 | 47.008 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.672 | 165 | 1008344 | 53.243 | ng | 95 |
| 52) Acenaphthene | 14.166 | 154 | 3276198 | 43.778 | ng | 99 |
| 53) 3-Nitroaniline | 14.001 | 138 | 734128 | 36.171 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.219 | 184 | 1280332 | 134.402 | ng | 91 |
| 55) Dibenzofuran | 14.513 | 168 | 5382446 | 43.581 | ng | 99 |
| 56) 4-Nitrophenol | 14.342 | 139 | 1940413 | 103.598 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 14.484 | 165 | 1445784 | 51.795 | ng | 92 |
| 58) Fluorene | 15.184 | 166 | 4315701 | 45.178 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.748 | 232 | 1314323 | 53.049 | ng | 95 |
| 60) Diethylphthalate | 14.972 | 149 | 4566940 | 46.825 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.184 | 204 | 2184634 | 46.211 | ng | 98 |
| 62) 4-Nitroaniline | 15.201 | 138 | 1131986 | 53.190 | ng | 96 |
| 63) Azobenzene | 15.484 | 77 | 3689981 | 42.487 | ng | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.266 | 198 | 834041 | 63.407 | ng | 91 |
| 66) n-Nitrosodiphenylamine | 15.401 | 169 | 3899225 | 48.642 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.101 | 248 | 1488999 | 51.918 | ng | 100 |
| 68) Hexachlorobenzene | 16.207 | 284 | 1774280 | 50.615 | ng | 95 |
| 69) Atrazine | 16.395 | 200 | 1467931 | 62.492 | ng | 98 |
| 70) Pentachlorophenol | 16.572 | 266 | 2449161 | 103.453 | ng | 99 |
| 71) Phenanthrene | 16.972 | 178 | 6785753 | 45.338 | ng | 100 |
| 72) Anthracene | 17.048 | 178 | 6987282 | 48.661 | ng | 100 |
| 73) Carbazole | 17.342 | 167 | 6629569 | 47.221 | ng | 100 |
| 74) Di-n-butylphthalate | 17.966 | 149 | 8201456 | 52.458 | ng | 99 |
| 75) Fluoranthene | 19.078 | 202 | 8035341 | 45.929 | ng | 99 |
| 77) Benzidine | 19.272 | 184 | 4776548 | 96.225 | ng | 98 |
| 78) Pyrene | 19.454 | 202 | 8296338 | 47.657 | ng | 99 |
| 80) Butylbenzylphthalate | 20.424 | 149 | 3632748 | 53.690 | ng | 98 |
| 81) Benzo(a)anthracene | 21.336 | 228 | 8167944 | 47.954 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.277 | 252 | 2108818 | 41.128 | ng | 100 |
| 83) Chrysene | 21.407 | 228 | 7599975 | 46.366 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.324 | 149 | 5346737 | 58.522 | ng | 98 |
| 85) Di-n-octyl phthalate | 22.542 | 149 | 9275992 | 54.434 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 28.071 | 276 | 11040297 | 53.594 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.513 | 252 | 8505505 | 45.191 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.577 | 252 | 8646514 | 46.171 | ng | 99 |
| 90) Benzo(a)pyrene | 24.354 | 252 | 8361257 | 52.197 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.142 | 278 | 9051242 | 53.155 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 29.136 | 276 | 8850304 | 50.313 | ng | 99 |

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

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