Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025202.D
Acq On : 21 Jul 2025 18:32
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Quant Time: Jul 22 02:33:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 691246 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 2780561 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 1802837 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.895 | 188 | 3596132 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.330 | 240 | 3712729 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.448 | 264 | 4449563 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 4905756 | 118.561 | ng | | 0.00 |
| 7) Phenol-d6 | 6.643 | 99 | 6110675 | 119.620 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.572 | 82 | 6054858 | 119.391 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.607 | 330 | 3197029 | 119.256 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 13539099 | 99.423 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.648 | 244 | 16134390 | 81.157 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 909482 | 58.484 | ng | | 100 |
| 3) Pyridine | 3.496 | 79 | 2486312 | 60.365 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 997579 | 61.370 | ng | | 99 |
| 6) Aniline | 6.778 | 93 | 4023853 | 60.573 | ng | | 99 |
| 8) 2-Chlorophenol | 7.019 | 128 | 2831422 | 60.816 | ng | | 98 |
| 9) Benzaldehyde | 6.596 | 77 | 2060526 | 56.443 | ng | | 99 |
| 10) Phenol | 6.666 | 94 | 3174369 | 60.060 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.884 | 93 | 2426943 | 59.805 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 3115614 | 58.985 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.472 | 146 | 3138912 | 58.888 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.772 | 146 | 3018509 | 58.935 | ng | | 99 |
| 15) Benzyl Alcohol | 7.672 | 79 | 2232586 | 60.973 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.966 | 45 | 3075798 | 59.089 | ng | | 99 |
| 17) 2-Methylphenol | 7.878 | 107 | 2209131 | 60.430 | ng | | 100 |
| 18) Hexachloroethane | 8.484 | 117 | 1098658 | 60.363 | ng | | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.243 | 70 | 1826970 | 59.342 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.207 | 107 | 3031281 | 60.708 | ng | | 98 |
| 22) Acetophenone | 8.243 | 105 | 3858483 | 58.588 | ng | # | 98 |
| 24) Nitrobenzene | 8.613 | 77 | 2713532 | 60.375 | ng | | 99 |
| 25) Isophorone | 9.131 | 82 | 5301098 | 59.683 | ng | | 99 |
| 26) 2-Nitrophenol | 9.307 | 139 | 1614578 | 63.823 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.384 | 122 | 2618557 | 60.802 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.613 | 93 | 3327518 | 59.673 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 9.837 | 162 | 2686031 | 60.808 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.054 | 180 | 2894308 | 59.549 | ng | | 100 |
| 31) Naphthalene | 10.225 | 128 | 8471283 | 58.501 | ng | | 100 |
| 32) Benzoic acid | 9.560 | 122 | 2149321 | 68.334 | ng | | 98 |
| 33) 4-Chloroaniline | 10.342 | 127 | 3853838 | 61.295 | ng | | 100 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 1757479 | 60.210 | ng | | 99 |
| 35) Caprolactam | 11.148 | 113 | 911643 | 62.713 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 2701662 | 61.242 | ng | | 100 |
| 37) 2-Methylnaphthalene | 11.860 | 142 | 5538936 | 59.140 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.066 | 142 | 5796319 | 58.678 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.236 | 216 | 3229034 | 59.145 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.219 | 237 | 2121694 | 68.531 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.484 | 196 | 2251566 | 61.035 | ng | | 100 |

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Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 2484748 | 61.107 | ng | | 100 |
| 46) 1,1'-Biphenyl | 12.895 | 154 | 7671161 | 57.545 | ng | | 100 |
| 47) 2-Chloronaphthalene | 12.931 | 162 | 6074581 | 58.817 | ng | | 100 |
| 48) 2-Nitroaniline | 13.136 | 65 | 1603764 | 61.905 | ng | | 98 |
| 49) Acenaphthylene | 13.789 | 152 | 9744261 | 57.536 | ng | | 99 |
| 50) Dimethylphthalate | 13.542 | 163 | 7577608 | 57.607 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.660 | 165 | 1738822 | 62.447 | ng | | 98 |
| 52) Acenaphthene | 14.142 | 154 | 5579143 | 57.185 | ng | | 99 |
| 53) 3-Nitroaniline | 13.983 | 138 | 1947927 | 62.002 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.189 | 184 | 1119889 | 71.772 | ng | | 99 |
| 55) Dibenzofuran | 14.489 | 168 | 8968837 | 56.778 | ng | | 98 |
| 56) 4-Nitrophenol | 14.325 | 139 | 1695550 | 63.331 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.460 | 165 | 2469068 | 63.650 | ng | | 98 |
| 58) Fluorene | 15.154 | 166 | 6997947 | 55.543 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.730 | 232 | 2196650 | 61.026 | ng | | 100 |
| 60) Diethylphthalate | 14.948 | 149 | 7449753 | 57.319 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.160 | 204 | 3554251 | 55.969 | ng | | 99 |
| 62) 4-Nitroaniline | 15.183 | 138 | 1978662 | 61.804 | ng | | 98 |
| 63) Azobenzene | 15.460 | 77 | 6251887 | 59.884 | ng | | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.242 | 198 | 1488428 | 66.114 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.378 | 169 | 6429114 | 57.405 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.072 | 248 | 2534895 | 59.785 | ng | | 99 |
| 68) Hexachlorobenzene | 16.189 | 284 | 2976346 | 58.786 | ng | | 96 |
| 69) Atrazine | 16.366 | 200 | 2433839 | 59.621 | ng | | 99 |
| 70) Pentachlorophenol | 16.542 | 266 | 2118802 | 62.871 | ng | | 99 |
| 71) Phenanthrene | 16.942 | 178 | 11295817 | 56.373 | ng | | 99 |
| 72) Anthracene | 17.030 | 178 | 11494384 | 56.508 | ng | | 98 |
| 73) Carbazole | 17.319 | 167 | 10836403 | 55.990 | ng | | 98 |
| 74) Di-n-butylphthalate | 17.936 | 149 | 12352965 | 54.431 | ng | # | 94 |
| 75) Fluoranthene | 19.048 | 202 | 12783070 | 53.956 | ng | | 93 |
| 77) Benzidine | 19.242 | 184 | 6968232 | 49.133 | ng | | 100 |
| 78) Pyrene | 19.424 | 202 | 13220717 | 56.032 | ng | | 93 |
| 80) Butylbenzylphthalate | 20.413 | 149 | 6306883 | 60.572 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.307 | 228 | 13600779 | 56.319 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.254 | 252 | 5842950 | 59.005 | ng | | 100 |
| 83) Chrysene | 21.371 | 228 | 12774794 | 56.724 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.289 | 149 | 8682877 | 57.201 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.507 | 149 | 15085392 | 57.015 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 27.994 | 276 | 19493176 | 59.597 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 23.477 | 252 | 14989282 | 57.763 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.542 | 252 | 14928017 | 57.942 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.306 | 252 | 14791063 | 58.720 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.059 | 278 | 15890395 | 59.240 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.071 | 276 | 15521510 | 59.072 | ng | | 98 |

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

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