Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051225\
Data File : BP024608.D
Acq On : 12 May 2025 18:42
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Quant Time: May 13 02:55:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 02:51:00 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.669 | 152 | 148140 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.434 | 136 | 636656 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.298 | 164 | 403739 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.092 | 188 | 772415 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.510 | 240 | 834598 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 24.786 | 264 | 958174 | 20.00 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.287 | 112 | 851301 | 101.54 | ng | 0.00 |
| 7) Phenol-d6 | 6.858 | 99 | 1142036 | 103.57 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.816 | 82 | 1100904 | 99.39 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.810 | 330 | 660002 | 99.75 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.910 | 172 | 2672191 | 99.00 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.810 | 244 | 4275676 | 100.29 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.228 | 88 | 178202 | 47.91 | ng | 99 |
| 3) Pyridine | 3.628 | 79 | 448907m | 51.58 | ng | |
| 4) n-Nitrosodimethylamine | 3.534 | 42 | 190784 | 49.84 | ng | 98 |
| 6) Aniline | 7.005 | 93 | 512884 | 51.85 | ng | 99 |
| 8) 2-Chlorophenol | 7.240 | 128 | 486614 | 50.42 | ng | 100 |
| 9) Benzaldehyde | 6.822 | 77 | 289704 | 47.52 | ng | 96 |
| 10) Phenol | 6.881 | 94 | 566334 | 51.57 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.099 | 93 | 447378 | 50.16 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.557 | 146 | 516215 | 48.61 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.699 | 146 | 525637 | 48.61 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.010 | 146 | 504489 | 48.20 | ng | 98 |
| 15) Benzyl Alcohol | 7.910 | 79 | 416637 | 54.81 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.193 | 45 | 502203 | 49.11 | ng | 100 |
| 17) 2-Methylphenol | 8.116 | 107 | 394481 | 52.24 | ng | 99 |
| 18) Hexachloroethane | 8.728 | 117 | 198910 | 48.48 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.463 | 70 | 369088 | 50.19 | ng | 98 |
| 20) 3+4-Methylphenols | 8.440 | 107 | 546753 | 52.60 | ng | 99 |
| 22) Acetophenone | 8.481 | 105 | 748961 | 49.13 | ng | 100 |
| 24) Nitrobenzene | 8.857 | 77 | 534613 | 49.74 | ng | 99 |
| 25) Isophorone | 9.375 | 82 | 965795 | 49.75 | ng | 99 |
| 26) 2-Nitrophenol | 9.563 | 139 | 289691 | 52.70 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.628 | 122 | 338207 | 50.98 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.851 | 93 | 627150 | 49.72 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.099 | 162 | 477747 | 52.01 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.299 | 180 | 494183 | 48.35 | ng | 99 |
| 31) Naphthalene | 10.487 | 128 | 1604352 | 48.32 | ng | 100 |
| 32) Benzoic acid | 9.804 | 122 | 355171 | 48.99 | ng | 99 |
| 33) 4-Chloroaniline | 10.604 | 127 | 582128 | 52.04 | ng | 99 |
| 34) Hexachlorobutadiene | 10.769 | 225 | 315698 | 47.90 | ng | 98 |
| 35) Caprolactam | 11.398 | 113 | 165189 | 51.48 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 11.740 | 107 | 561391 | 49.93 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.098 | 142 | 1138927 | 48.94 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.322 | 142 | 1109251 | 48.23 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.475 | 216 | 566781 | 50.31 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.451 | 237 | 210496 | 56.98 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.722 | 196 | 396736 | 52.38 | ng | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.798 | 196 | 433223 | 51.39 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.116 | 154 | 1444812 | 49.79 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.157 | 162 | 1089486 | 49.44 | ng | | 99 |
| 48) 2-Nitroaniline | 13.369 | 65 | 335112 | 51.90 | ng | | 98 |
| 49) Acenaphthylene | 14.010 | 152 | 1713049 | 49.75 | ng | | 99 |
| 50) Dimethylphthalate | 13.757 | 163 | 1469533 | 48.80 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.875 | 165 | 322875 | 50.25 | ng | | 99 |
| 52) Acenaphthene | 14.357 | 154 | 1079801 | 49.23 | ng | | 99 |
| 53) 3-Nitroaniline | 14.210 | 138 | 328887 | 53.07 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.422 | 184 | 190669 | 48.53 | ng | | 97 |
| 55) Dibenzofuran | 14.698 | 168 | 1733801 | 48.53 | ng | | 99 |
| 56) 4-Nitrophenol | 14.545 | 139 | 273025 | 53.57 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.675 | 165 | 455759 | 51.47 | ng | | 98 |
| 58) Fluorene | 15.357 | 166 | 1364198 | 49.16 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.934 | 232 | 400390 | 50.36 | ng | | 99 |
| 60) Diethylphthalate | 15.134 | 149 | 1509202 | 48.39 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.357 | 204 | 682495 | 48.75 | ng | | 96 |
| 62) 4-Nitroaniline | 15.392 | 138 | 328268 | 53.32 | ng | | 99 |
| 63) Azobenzene | 15.651 | 77 | 1307644 | 49.16 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 198 | 261750 | 55.21 | ng | | 100 |
| 66) n-Nitrosodiphenylamine | 15.575 | 169 | 1157921 | 50.13 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.263 | 248 | 455525 | 49.90 | ng | | 99 |
| 68) Hexachlorobenzene | 16.381 | 284 | 557991 | 49.09 | ng | | 98 |
| 69) Atrazine | 16.551 | 200 | 377067 | 48.41 | ng | | 99 |
| 70) Pentachlorophenol | 16.739 | 266 | 391082 | 53.52 | ng | | 98 |
| 71) Phenanthrene | 17.133 | 178 | 2039584 | 48.96 | ng | | 100 |
| 72) Anthracene | 17.228 | 178 | 2011752 | 49.43 | ng | | 100 |
| 73) Carbazole | 17.510 | 167 | 1891671 | 49.56 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.098 | 149 | 2569452 | 50.03 | ng | | 100 |
| 75) Fluoranthene | 19.216 | 202 | 2486056 | 48.96 | ng | | 99 |
| 77) Benzidine | 19.422 | 184 | 604467 | 62.20 | ng | | 99 |
| 78) Pyrene | 19.592 | 202 | 2552368 | 50.54 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.539 | 149 | 1173770 | 52.12 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.492 | 228 | 2499172 | 49.18 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.416 | 252 | 627836 | 51.68 | ng | | 99 |
| 83) Chrysene | 21.557 | 228 | 2394884 | 48.64 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.427 | 149 | 1725117 | 52.19 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.680 | 149 | 2878138 | 52.51 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.503 | 276 | 3286670 | 50.19 | ng | # | 93 |
| 88) Benzo(b)fluoranthene | 23.757 | 252 | 2778244 | 50.24 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.821 | 252 | 2737321 | 50.16 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.633 | 252 | 2419904 | 50.55 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.580 | 278 | 2738395 | 50.97 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.668 | 276 | 2785599 | 50.19 | ng | | 99 |

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

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