Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026032.D
Acq On : 29 Oct 2025 12:10
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Quant Time: Oct 29 18:08:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.684 | 152 | 293060 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.454 | 136 | 1204929 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.313 | 164 | 764236 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.125 | 188 | 1555861 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.577 | 240 | 1646604 | 20.000 | ng | 0.01 |
| 86) Perylene-d12 | 24.889 | 264 | 1760712 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.296 | 112 | 1464250 | 82.445 | ng | 0.00 |
| 7) Phenol-d6 | 6.855 | 99 | 1882712 | 83.286 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.825 | 82 | 1630132 | 84.339 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.831 | 330 | 722838 | 87.488 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.919 | 172 | 4342634 | 81.651 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.866 | 244 | 6676375 | 82.377 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.243 | 88 | 302066 | 40.344 | ng | 100 |
| 3) Pyridine | 3.625 | 79 | 867862 | 40.775 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.537 | 42 | 342452 | 40.144 | ng | 100 |
| 6) Aniline | 7.019 | 93 | 1237729 | 41.026 | ng | 100 |
| 8) 2-Chlorophenol | 7.255 | 128 | 822579 | 41.826 | ng | 100 |
| 9) Benzaldehyde | 6.831 | 77 | 474239 | 40.357 | ng | 100 |
| 10) Phenol | 6.884 | 94 | 1039468 | 41.420 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.119 | 93 | 804729 | 40.632 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.578 | 146 | 921791 | 40.813 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.719 | 146 | 925177 | 40.514 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.031 | 146 | 888039 | 40.753 | ng | 100 |
| 15) Benzyl Alcohol | 7.913 | 79 | 668211 | 41.003 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.202 | 45 | 1230074 | 41.095 | ng | 100 |
| 17) 2-Methylphenol | 8.113 | 107 | 688795 | 41.915 | ng | 100 |
| 18) Hexachloroethane | 8.760 | 117 | 323386 | 41.385 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.478 | 70 | 601712 | 42.881 | ng | 100 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 945490 | 41.358 | ng | 100 |
| 22) Acetophenone | 8.490 | 105 | 1247543 | 40.939 | ng | 100 |
| 24) Nitrobenzene | 8.866 | 77 | 859810 | 42.132 | ng | 100 |
| 25) Isophorone | 9.390 | 82 | 1734781 | 41.932 | ng | 100 |
| 26) 2-Nitrophenol | 9.566 | 139 | 308209 | 41.419 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.631 | 122 | 728530 | 41.876 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.866 | 93 | 1076336 | 41.282 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.101 | 162 | 788938 | 42.949 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.319 | 180 | 817950 | 40.968 | ng | 100 |
| 31) Naphthalene | 10.501 | 128 | 2686976 | 40.893 | ng | 100 |
| 32) Benzoic acid | 9.743 | 122 | 404584 | 40.754 | ng | 100 |
| 33) 4-Chloroaniline | 10.601 | 127 | 1052918 | 41.701 | ng | 100 |
| 34) Hexachlorobutadiene | 10.801 | 225 | 520749 | 41.043 | ng | 100 |
| 35) Caprolactam | 11.360 | 113 | 271877 | 42.147 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 831835 | 43.198 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.119 | 142 | 1916037 | 41.663 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.337 | 142 | 1850373 | 41.416 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.484 | 216 | 966620 | 40.707 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.478 | 237 | 361557 | 41.615 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.725 | 196 | 614032 | 43.748 | ng | 100 |

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**ClientSampleId :**
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.795 | 196 | 697254 | 43.536 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.137 | 154 | 2384975 | 40.756 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.172 | 162 | 1878852 | 40.808 | ng | 100 |
| 48) 2-Nitroaniline | 13.372 | 65 | 464490 | 40.401 | ng | 100 |
| 49) Acenaphthylene | 14.031 | 152 | 2800152 | 41.727 | ng | 100 |
| 50) Dimethylphthalate | 13.772 | 163 | 2326622 | 41.854 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.878 | 165 | 402854 | 39.911 | ng | 100 |
| 52) Acenaphthene | 14.378 | 154 | 1909071 | 41.440 | ng | 100 |
| 53) 3-Nitroaniline | 14.207 | 138 | 495409 | 40.022 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.413 | 184 | 153212 | 40.475 | ng | 100 |
| 55) Dibenzofuran | 14.719 | 168 | 2856737 | 41.043 | ng | 100 |
| 56) 4-Nitrophenol | 14.519 | 139 | 436072 | 39.340 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.672 | 165 | 600497 | 40.877 | ng | 100 |
| 58) Fluorene | 15.384 | 166 | 2216283 | 40.643 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.948 | 232 | 556750 | 44.213 | ng | 100 |
| 60) Diethylphthalate | 15.160 | 149 | 2367180 | 42.357 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.384 | 204 | 1116700 | 41.008 | ng | 100 |
| 62) 4-Nitroaniline | 15.389 | 138 | 522724 | 44.005 | ng | 100 |
| 63) Azobenzene | 15.678 | 77 | 2107059 | 41.601 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.454 | 198 | 237899 | 39.981 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.601 | 169 | 2012448 | 41.369 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.295 | 248 | 710184 | 41.150 | ng | 100 |
| 68) Hexachlorobenzene | 16.413 | 284 | 801740 | 40.808 | ng | 100 |
| 69) Atrazine | 16.583 | 200 | 681323 | 41.518 | ng | 100 |
| 70) Pentachlorophenol | 16.766 | 266 | 499791 | 41.647 | ng | 100 |
| 71) Phenanthrene | 17.172 | 178 | 3699137 | 40.848 | ng | 100 |
| 72) Anthracene | 17.266 | 178 | 3661573 | 40.790 | ng | 100 |
| 73) Carbazole | 17.542 | 167 | 3513761 | 41.351 | ng | 100 |
| 74) Di-n-butylphthalate | 18.154 | 149 | 4146570 | 43.610 | ng | 100 |
| 75) Fluoranthene | 19.260 | 202 | 4389430 | 41.552 | ng | 100 |
| 77) Benzidine | 19.454 | 184 | 1702883 | 40.744 | ng | 100 |
| 78) Pyrene | 19.642 | 202 | 4699012 | 42.194 | ng | 100 |
| 80) Butylbenzylphthalate | 20.607 | 149 | 1633601 | 39.905 | ng | 100 |
| 81) Benzo(a)anthracene | 21.554 | 228 | 4675082 | 41.317 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.477 | 252 | 1520065 | 41.695 | ng | 100 |
| 83) Chrysene | 21.630 | 228 | 4430345 | 41.334 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.524 | 149 | 2729269 | 41.098 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.801 | 149 | 4237623 | 43.233 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.636 | 276 | 5507457 | 42.386 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.842 | 252 | 4599800 | 42.083 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.907 | 252 | 4686005 | 41.983 | ng | 100 |
| 90) Benzo(a)pyrene | 24.724 | 252 | 4261972 | 42.443 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.724 | 278 | 4484851 | 42.397 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.812 | 276 | 4266684 | 41.915 | ng | 100 |

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

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