Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP024995.D
Acq On : 18 Jun 2025 15:26
Operator : RC/JU
Sample : Q2311-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP03-MH2MH3-WCMS

Quant Time: Jun 18 15:48:34 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 | 242047 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.372 | 136 | 965848 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.248 | 164 | 614166 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.060 | 188 | 1216080 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.501 | 240 | 1258513 | 20.000 | ng | 0.02 |
| 86) Perylene-d12 | 24.771 | 264 | 1511485 | 20.000 | ng | 0.05 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.237 | 112 | 1970717 | 135.904 | ng | 0.00 |
| 7) Phenol-d6 | 6.814 | 99 | 2335784 | 121.744 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.761 | 82 | 1683911 | 84.720 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.778 | 330 | 1231452 | 145.027 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.854 | 172 | 3713121 | 81.444 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.789 | 244 | 6194695 | 88.219 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.173 | 88 | 233736 | 36.633 | ng | # 58 |
| 3) Pyridine | 3.573 | 79 | 607536 | 39.593 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.478 | 42 | 263396 | 41.987 | ng | 95 |
| 6) Aniline | 6.949 | 93 | 613124 | 25.041 | ng | 99 |
| 8) 2-Chlorophenol | 7.184 | 128 | 773411 | 47.049 | ng | 100 |
| 9) Benzaldehyde | 6.761 | 77 | 417644 | 37.766 | ng | 100 |
| 10) Phenol | 6.843 | 94 | 822820 | 41.601 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.037 | 93 | 714257 | 45.914 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.496 | 146 | 782730 | 42.683 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.637 | 146 | 798490 | 43.154 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.949 | 146 | 766159 | 42.167 | ng | 99 |
| 15) Benzyl Alcohol | 7.855 | 79 | 689279 | 46.811 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.131 | 45 | 903934 | 44.396 | ng | 99 |
| 17) 2-Methylphenol | 8.072 | 107 | 637440 | 46.152 | ng | 98 |
| 18) Hexachloroethane | 8.661 | 117 | 298119 | 42.794 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.408 | 70 | 569886 | 43.693 | ng | 99 |
| 20) 3+4-Methylphenols | 8.402 | 107 | 851471 | 45.186 | ng | 96 |
| 22) Acetophenone | 8.425 | 105 | 1120345 | 45.911 | ng | 99 |
| 24) Nitrobenzene | 8.802 | 77 | 834079 | 47.236 | ng | 99 |
| 25) Isophorone | 9.319 | 82 | 1622372 | 47.097 | ng | 99 |
| 26) 2-Nitrophenol | 9.502 | 139 | 426264 | 48.926 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.578 | 122 | 735556 | 49.330 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.796 | 93 | 987853 | 48.074 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.060 | 162 | 730516 | 51.060 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.243 | 180 | 722759 | 44.789 | ng | 98 |
| 31) Naphthalene | 10.425 | 128 | 2255528 | 45.570 | ng | 100 |
| 32) Benzoic acid | 9.766 | 122 | 306657 | 30.434 | ng | 94 |
| 33) 4-Chloroaniline | 10.566 | 127 | 325962 | 15.719 | ng | 100 |
| 34) Hexachlorobutadiene | 10.696 | 225 | 433953 | 44.618 | ng | 98 |
| 35) Caprolactam | 11.354 | 113 | 219676 | 41.713 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.707 | 107 | 832967 | 50.476 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.043 | 142 | 1450864 | 46.211 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.266 | 142 | 1532263 | 45.649 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.425 | 216 | 804930 | 46.188 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.390 | 237 | 835920 | 78.641 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.678 | 196 | 589260 | 50.349 | ng | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.778 | 196 | 638845 | 50.970 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.066 | 154 | 2127848 | 47.674 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.113 | 162 | 1599570 | 46.629 | ng | | 99 |
| 48) 2-Nitroaniline | 13.343 | 65 | 538789 | 51.088 | ng | | 96 |
| 49) Acenaphthylene | 13.972 | 152 | 2703658 | 47.269 | ng | | 100 |
| 50) Dimethylphthalate | 13.707 | 163 | 2311406 | 51.018 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.837 | 165 | 491960 | 50.370 | ng | | 99 |
| 52) Acenaphthene | 14.313 | 154 | 1561197 | 47.633 | ng | | 99 |
| 53) 3-Nitroaniline | 14.190 | 138 | 257325 | 25.388 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.413 | 184 | 479264 | 75.680 | ng | | 95 |
| 55) Dibenzofuran | 14.660 | 168 | 2493777 | 47.400 | ng | | 98 |
| 56) 4-Nitrophenol | 14.560 | 139 | 629869 | 73.850 | ng | | 91 |
| 57) 2,4-Dinitrotoluene | 14.654 | 165 | 701358 | 51.335 | ng | | 96 |
| 58) Fluorene | 15.319 | 166 | 2057394 | 48.409 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.907 | 232 | 580077 | 51.799 | ng | | 99 |
| 60) Diethylphthalate | 15.095 | 149 | 2311971 | 51.204 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.313 | 204 | 1001717 | 48.204 | ng | | 99 |
| 62) 4-Nitroaniline | 15.372 | 138 | 461293 | 50.193 | ng | | 94 |
| 63) Azobenzene | 15.613 | 77 | 2064593 | 49.856 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.437 | 198 | 367659 | 46.011 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 15.543 | 169 | 1838746 | 48.782 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.231 | 248 | 662017 | 48.247 | ng | | 96 |
| 68) Hexachlorobenzene | 16.354 | 284 | 790416 | 47.517 | ng | | 96 |
| 69) Atrazine | 16.525 | 200 | 705811 | 51.653 | ng | | 99 |
| 70) Pentachlorophenol | 16.725 | 266 | 972643 | 112.979 | ng | | 99 |
| 71) Phenanthrene | 17.101 | 178 | 3205790 | 47.704 | ng | | 99 |
| 72) Anthracene | 17.195 | 178 | 3290810 | 48.351 | ng | | 99 |
| 73) Carbazole | 17.489 | 167 | 3156761 | 50.040 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.066 | 149 | 4078294 | 52.178 | ng | | 100 |
| 75) Fluoranthene | 19.195 | 202 | 3807278 | 48.880 | ng | | 100 |
| 77) Benzidine | 19.401 | 184 | 1005765 | 25.803 | ng | | 100 |
| 78) Pyrene | 19.572 | 202 | 3945102 | 50.176 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.519 | 149 | 1942979 | 53.950 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.477 | 228 | 3990097 | 49.571 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.407 | 252 | 959911 | 30.039 | ng | | 99 |
| 83) Chrysene | 21.548 | 228 | 3719434 | 48.768 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.407 | 149 | 2808178 | 54.422 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.654 | 149 | 4901102 | 53.888 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.483 | 276 | 5450032 | 49.419 | ng | # | 86 |
| 88) Benzo(b)fluoranthene | 23.736 | 252 | 4207871 | 48.644 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.807 | 252 | 4337889 | 49.265 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.618 | 252 | 4110605 | 48.659 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.554 | 278 | 4445031 | 49.518 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.659 | 276 | 4368895 | 49.053 | ng | | 99 |

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

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