Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050213.D
Acq On : 06 Jun 2025 14:06
Operator : RC/JU
Sample : Q2194-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
COMP-12MS

Quant Time: Jun 06 14:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.787 | 152 | 348615 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.575 | 136 | 1377434 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.416 | 164 | 768114 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.151 | 188 | 1293379 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.380 | 240 | 1106417 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.368 | 264 | 1212630 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.375 | 112 | 2485049 | 118.911 | ng | 0.00 |
| 7) Phenol-d6 | 6.957 | 99 | 2994886 | 108.862 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.939 | 82 | 2093769 | 79.055 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.898 | 330 | 1069797 | 122.448 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.045 | 172 | 4313578 | 76.030 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.780 | 244 | 4512257 | 77.284 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.304 | 88 | 309499 | 33.786 | ng | # 78 |
| 3) Pyridine | 3.693 | 79 | 837934 | 35.322 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.599 | 42 | 200375 | 40.847 | ng | 95 |
| 6) Aniline | 7.116 | 93 | 795951 | 21.886 | ng | 98 |
| 8) 2-Chlorophenol | 7.351 | 128 | 994911 | 43.281 | ng | 99 |
| 9) Benzaldehyde | 6.928 | 77 | 409612 | 23.418 | ng | 99 |
| 10) Phenol | 6.981 | 94 | 1102221 | 37.866 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.216 | 93 | 980654 | 41.885 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.681 | 146 | 775911 | 30.193 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.822 | 146 | 818226 | 30.602 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.139 | 146 | 807074 | 31.663 | ng | 99 |
| 15) Benzyl Alcohol | 8.022 | 79 | 858483 | 43.752 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.316 | 45 | 657839 | 40.447 | ng | 98 |
| 17) 2-Methylphenol | 8.228 | 107 | 812312 | 42.295 | ng | 100 |
| 18) Hexachloroethane | 8.869 | 117 | 288971 | 29.843 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.592 | 70 | 713472 | 42.380 | ng | 99 |
| 20) 3+4-Methylphenols | 8.551 | 107 | 1079323 | 42.004 | ng | 99 |
| 22) Acetophenone | 8.604 | 105 | 1456030 | 42.311 | ng | 99 |
| 24) Nitrobenzene | 8.981 | 77 | 1045437 | 43.402 | ng | 98 |
| 25) Isophorone | 9.510 | 82 | 2007832 | 43.923 | ng | 100 |
| 26) 2-Nitrophenol | 9.686 | 139 | 475401 | 45.722 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.751 | 122 | 934333 | 43.734 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.992 | 93 | 1306450 | 43.748 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.222 | 162 | 887017 | 44.867 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.439 | 180 | 830875 | 37.767 | ng | 99 |
| 31) Naphthalene | 10.628 | 128 | 2714278 | 38.113 | ng | 100 |
| 32) Benzoic acid | 9.845 | 122 | 281160 | 20.941 | ng | 98 |
| 33) 4-Chloroaniline | 10.728 | 127 | 208080 | 6.853 | ng | 99 |
| 34) Hexachlorobutadiene | 10.922 | 225 | 451045 | 34.468 | ng | 99 |
| 35) Caprolactam | 11.498 | 113 | 211120 | 33.684 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.851 | 107 | 909622 | 43.119 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.239 | 142 | 1787634 | 41.609 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.457 | 142 | 1857710 | 40.739 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.610 | 216 | 968442 | 43.663 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.598 | 237 | 1125098 | 83.526 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.845 | 196 | 676045 | 46.349 | ng | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.916 | 196 | 729356 | 45.543 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.251 | 154 | 2530450 | 43.996 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.292 | 162 | 1935364 | 43.283 | ng | | 100 |
| 48) 2-Nitroaniline | 13.486 | 65 | 477197 | 48.495 | ng | | 97 |
| 49) Acenaphthylene | 14.139 | 152 | 3153424 | 43.602 | ng | | 100 |
| 50) Dimethylphthalate | 13.880 | 163 | 2278169 | 43.855 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.986 | 165 | 488399 | 46.620 | ng | | 98 |
| 52) Acenaphthene | 14.480 | 154 | 2043709 | 45.178 | ng | | 99 |
| 53) 3-Nitroaniline | 14.304 | 138 | 232659 | 19.927 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.510 | 184 | 379194 | 59.986 | ng | | 98 |
| 55) Dibenzofuran | 14.816 | 168 | 2842304 | 42.948 | ng | | 99 |
| 56) 4-Nitrophenol | 14.616 | 139 | 779304 | 78.421 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.768 | 165 | 648380 | 46.918 | ng | | 99 |
| 58) Fluorene | 15.463 | 166 | 2148065 | 42.377 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.033 | 232 | 599098 | 43.239 | ng | | 92 |
| 60) Diethylphthalate | 15.245 | 149 | 2186884 | 42.429 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.463 | 204 | 1049834 | 42.854 | ng | | 97 |
| 62) 4-Nitroaniline | 15.468 | 138 | 426152 | 38.942 | ng | | 98 |
| 63) Azobenzene | 15.751 | 77 | 2199804 | 42.700 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.527 | 198 | 287886 | 40.753 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 15.668 | 169 | 1858818 | 45.740 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.351 | 248 | 651215 | 47.215 | ng | | 98 |
| 68) Hexachlorobenzene | 16.462 | 284 | 746011 | 46.295 | ng | | 99 |
| 69) Atrazine | 16.621 | 200 | 607699 | 46.931 | ng | | 100 |
| 70) Pentachlorophenol | 16.798 | 266 | 960880 | 91.715 | ng | | 99 |
| 71) Phenanthrene | 17.192 | 178 | 3258540 | 44.102 | ng | | 99 |
| 72) Anthracene | 17.286 | 178 | 3285651 | 44.451 | ng | | 99 |
| 73) Carbazole | 17.545 | 167 | 2919116 | 43.350 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.133 | 149 | 3333066 | 45.491 | ng | | 100 |
| 75) Fluoranthene | 19.203 | 202 | 3339548 | 42.860 | ng | | 99 |
| 77) Benzidine | 19.386 | 184 | 595875 | 19.152 | ng | | 98 |
| 78) Pyrene | 19.568 | 202 | 3471185 | 46.548 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.480 | 149 | 1237003 | 49.729 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.362 | 228 | 3166143 | 45.210 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.286 | 252 | 469675 | 21.992 | ng | | 99 |
| 83) Chrysene | 21.427 | 228 | 3012726 | 45.226 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.315 | 149 | 1858055 | 48.493 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.456 | 149 | 2955416 | 51.980 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.738 | 276 | 3987489 | 51.070 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 23.433 | 252 | 3197636 | 45.355 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.491 | 252 | 3221599 | 44.761 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.233 | 252 | 3082761 | 46.506 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 27.809 | 278 | 3199032 | 50.476 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 28.791 | 276 | 3296635 | 51.971 | ng | | 100 |

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

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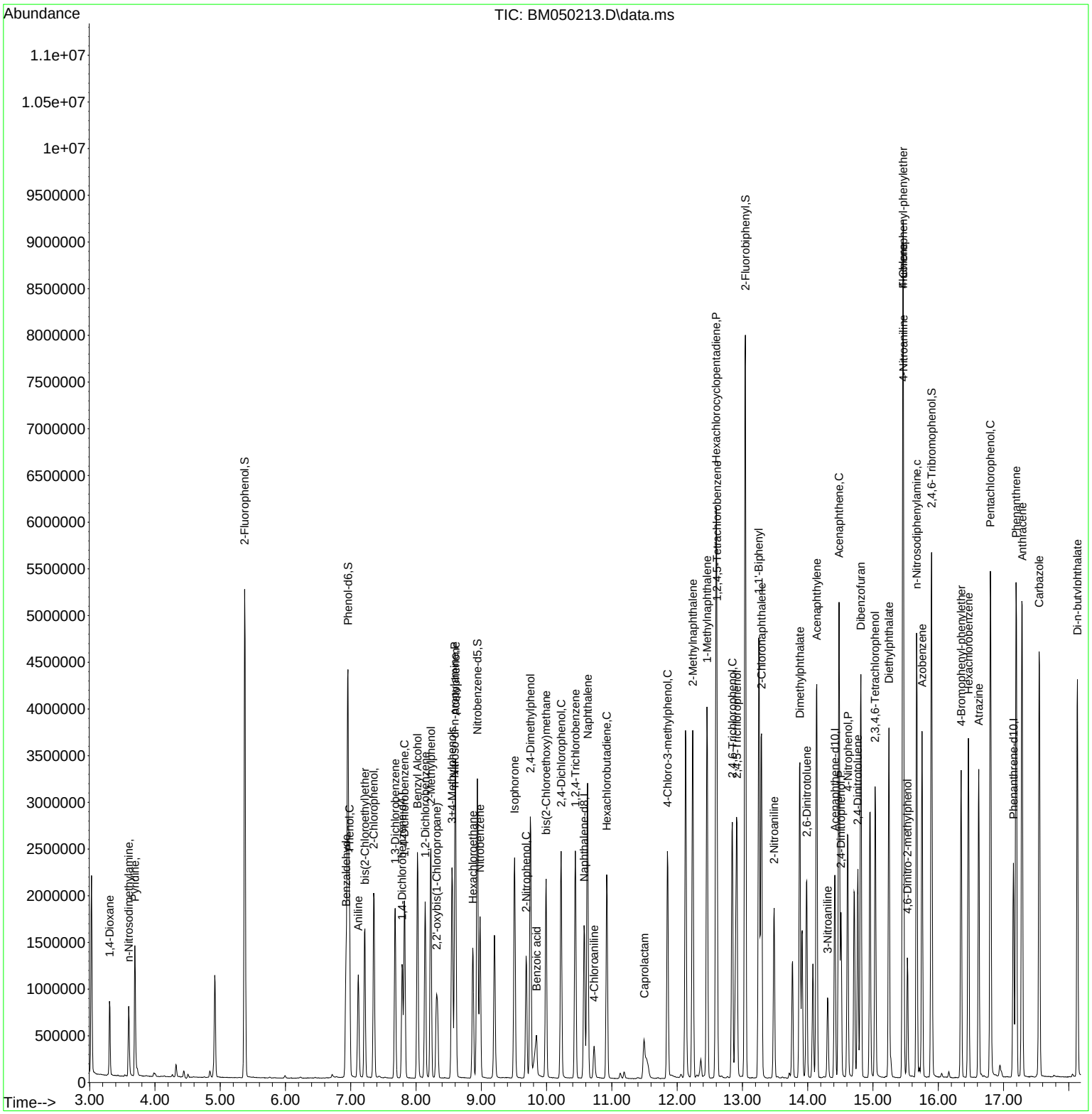

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