Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049929.D
Acq On : 15 Apr 2025 11:15
Operator : RC/JU
Sample : PB167577BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB167577BS

Quant Time: Apr 15 12:36:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.769 | 152 | 372144 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.569 | 136 | 1305000 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.416 | 164 | 859595 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.162 | 188 | 1699421 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.403 | 240 | 1667631 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.403 | 264 | 1728437 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.363 | 112 | 2800461 | 127.784 | ng | 0.00 |
| 7) Phenol-d6 | 6.951 | 99 | 3447148 | 126.422 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.928 | 82 | 1976870 | 84.354 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.910 | 330 | 1754313 | 140.310 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.039 | 172 | 5335402 | 84.166 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.786 | 244 | 8761319 | 98.458 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.257 | 88 | 329364 | 36.492 | ng | 97 |
| 3) Pyridine | 3.657 | 79 | 902568 | 38.061 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.563 | 42 | 383854 | 42.535 | ng | 99 |
| 6) Aniline | 7.098 | 93 | 621845 | 26.615 | ng | 99 |
| 8) 2-Chlorophenol | 7.340 | 128 | 1033856 | 46.032 | ng | 99 |
| 9) Benzaldehyde | 6.910 | 77 | 329066 | 23.517 | ng | 98 |
| 10) Phenol | 6.981 | 94 | 1231858 | 46.295 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.192 | 93 | 988233 | 47.360 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.663 | 146 | 1168508 | 44.006 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.804 | 146 | 1172347 | 43.879 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.122 | 146 | 1132578 | 45.005 | ng | 99 |
| 15) Benzyl Alcohol | 8.016 | 79 | 764123 | 44.503 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.298 | 45 | 1103982 | 47.468 | ng | 99 |
| 17) 2-Methylphenol | 8.228 | 107 | 800269 | 48.804 | ng | 99 |
| 18) Hexachloroethane | 8.851 | 117 | 410036 | 44.112 | ng | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.581 | 70 | 690538 | 45.725 | ng | 99 |
| 20) 3+4-Methylphenols | 8.551 | 107 | 1068101 | 47.778 | ng | 100 |
| 22) Acetophenone | 8.592 | 105 | 1379423 | 43.494 | ng | 100 |
| 24) Nitrobenzene | 8.969 | 77 | 989812 | 43.863 | ng | 98 |
| 25) Isophorone | 9.498 | 82 | 1880139 | 47.891 | ng | 99 |
| 26) 2-Nitrophenol | 9.681 | 139 | 536665 | 44.870 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.751 | 122 | 893806 | 65.942 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.975 | 93 | 1187922 | 45.197 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.228 | 162 | 1028800 | 45.661 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.433 | 180 | 1143710 | 43.879 | ng | 99 |
| 31) Naphthalene | 10.616 | 128 | 2836214 | 42.296 | ng | 99 |
| 32) Benzoic acid | 9.904 | 122 | 593692m | 37.589 | ng | |
| 33) 4-Chloroaniline | 10.739 | 127 | 573155 | 24.206 | ng | 99 |
| 34) Hexachlorobutadiene | 10.904 | 225 | 720159 | 44.667 | ng | 98 |
| 35) Caprolactam | 11.516 | 113 | 284818 | 44.075 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 11.869 | 107 | 908816 | 46.048 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.233 | 142 | 1891326 | 40.032 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.451 | 142 | 1994230 | 43.326 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.604 | 216 | 1310150 | 43.566 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.586 | 237 | 1722388 | 163.451 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.851 | 196 | 877590 | 45.860 | ng | 98 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.927 | 196 | 951142 | 45.738 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.245 | 154 | 2737950 | 42.848 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.292 | 162 | 2184876 | 43.503 | ng | 99 |
| 48) 2-Nitroaniline | 13.492 | 65 | 545085 | 46.913 | ng | 96 |
| 49) Acenaphthylene | 14.139 | 152 | 3457932 | 47.266 | ng | 100 |
| 50) Dimethylphthalate | 13.874 | 163 | 2718514 | 44.828 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.992 | 165 | 589963 | 46.433 | ng | 97 |
| 52) Acenaphthene | 14.480 | 154 | 2002580 | 43.034 | ng | 99 |
| 53) 3-Nitroaniline | 14.321 | 138 | 466945 | 38.025 | ng | 96 |
| 54) 2,4-Dinitrophenol | 14.533 | 184 | 796405 | 85.963 | ng | 97 |
| 55) Dibenzofuran | 14.816 | 168 | 3286910 | 42.252 | ng | 99 |
| 56) 4-Nitrophenol | 14.651 | 139 | 1021173 | 93.317 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.786 | 165 | 834436 | 49.229 | ng | 95 |
| 58) Fluorene | 15.463 | 166 | 2755356 | 44.559 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.051 | 232 | 819934 | 44.985 | ng | 98 |
| 60) Diethylphthalate | 15.239 | 149 | 2539531 | 43.668 | ng | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.457 | 204 | 1515550 | 45.714 | ng | 99 |
| 62) 4-Nitroaniline | 15.486 | 138 | 573366 | 45.150 | ng | 100 |
| 63) Azobenzene | 15.751 | 77 | 2135715 | 42.894 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 198 | 497708 | 46.476 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.674 | 169 | 2348681 | 46.182 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.351 | 248 | 913125 | 46.285 | ng | 97 |
| 68) Hexachlorobenzene | 16.474 | 284 | 1053168 | 46.541 | ng | 99 |
| 69) Atrazine | 16.627 | 200 | 816421 | 61.914 | ng | 98 |
| 70) Pentachlorophenol | 16.821 | 266 | 1497814 | 89.906 | ng | 99 |
| 71) Phenanthrene | 17.204 | 178 | 4249848 | 45.614 | ng | 100 |
| 72) Anthracene | 17.292 | 178 | 4334490 | 47.208 | ng | 100 |
| 73) Carbazole | 17.568 | 167 | 3895183 | 45.042 | ng | 99 |
| 74) Di-n-butylphthalate | 18.127 | 149 | 4400587 | 44.179 | ng | 100 |
| 75) Fluoranthene | 19.221 | 202 | 5134794 | 44.824 | ng | 99 |
| 77) Benzidine | 19.409 | 184 | 1800665 | 81.392 | ng | 100 |
| 78) Pyrene | 19.586 | 202 | 5314431 | 46.241 | ng | 99 |
| 80) Butylbenzylphthalate | 20.480 | 149 | 1979147 | 45.829 | ng | 99 |
| 81) Benzo(a)anthracene | 21.380 | 228 | 5216434 | 47.067 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.303 | 252 | 1250641 | 29.881 | ng | 100 |
| 83) Chrysene | 21.445 | 228 | 4810031 | 45.650 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.303 | 149 | 2821380 | 44.841 | ng | 98 |
| 85) Di-n-octyl phthalate | 22.439 | 149 | 4860081 | 44.153 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.803 | 276 | 5958306 | 46.246 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.456 | 252 | 4896246 | 44.355 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.521 | 252 | 4979762 | 46.551 | ng | 100 |
| 90) Benzo(a)pyrene | 24.262 | 252 | 4746443 | 48.931 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 27.850 | 278 | 4886859 | 46.049 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 28.856 | 276 | 4718483 | 43.511 | ng | 98 |

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

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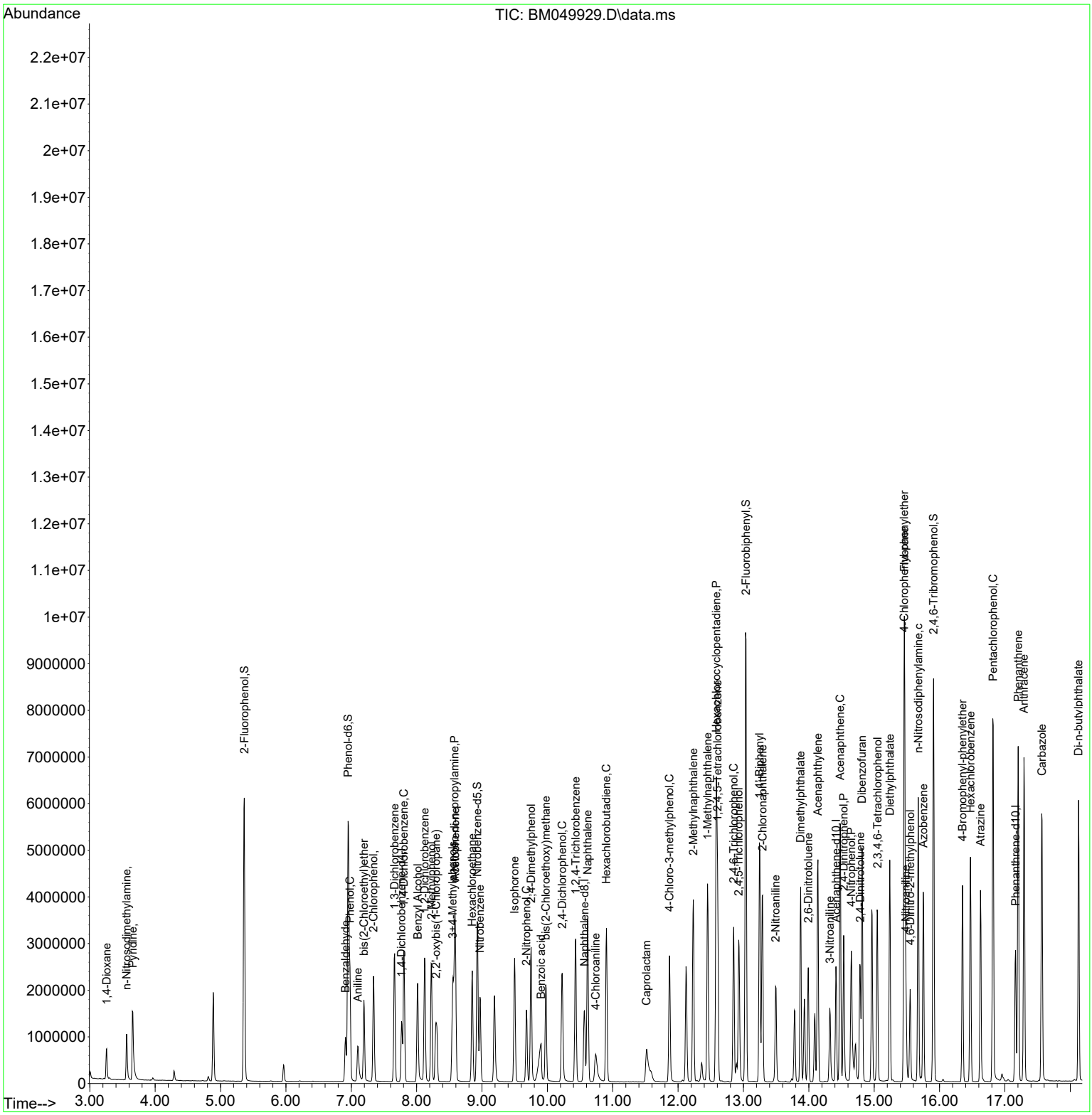

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