Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049807.D
Acq On : 03 Apr 2025 15:55
Operator : RC/JU
Sample : Q1693-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
WCS-TP-2MSD

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 03 16:36:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.787 | 152 | 314847 | 20.000 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.581 | 136 | 1106197 | 20.000 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.427 | 164 | 705128 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.168 | 188 | 1367809 | 20.000 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.403 | 240 | 1372292 | 20.000 | ng | | -0.02 |
| 86) Perylene-d12 | 24.403 | 264 | 1353959 | 20.000 | ng | | -0.04 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.369 | 112 | 2280551 | 122.219 | ng | | -0.02 |
| 7) Phenol-d6 | 6.963 | 99 | 2875094 | 122.779 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 8.939 | 82 | 1677450 | 77.855 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.915 | 330 | 1166560 | 141.680 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 13.051 | 172 | 3985678 | 70.790 | ng | | -0.02 |
| 79) Terphenyl-d14 | 19.792 | 244 | 5813184 | 71.384 | ng | | -0.02 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.269 | 88 | 348446 | 43.137 | ng | | 99 |
| 3) Pyridine | 3.663 | 79 | 966687 | 46.860 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.575 | 42 | 423486 | 46.396 | ng | | 99 |
| 6) Aniline | 7.110 | 93 | 538395 | 27.444 | ng | | 99 |
| 8) 2-Chlorophenol | 7.351 | 128 | 958976 | 51.898 | ng | | 99 |
| 9) Benzaldehyde | 6.922 | 77 | 614045 | 53.043 | ng | | 98 |
| 10) Phenol | 6.987 | 94 | 1220493 | 53.752 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.210 | 93 | 931941 | 50.685 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.675 | 146 | 1091631 | 48.612 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.822 | 146 | 1103151 | 48.695 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.140 | 146 | 1059699 | 49.219 | ng | | 99 |
| 15) Benzyl Alcohol | 8.028 | 79 | 820525 | 55.837 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.316 | 45 | 1126569m | 52.131 | ng | | |
| 17) 2-Methylphenol | 8.234 | 107 | 765435 | 56.781 | ng | | 99 |
| 18) Hexachloroethane | 8.869 | 117 | 395719 | 49.464 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.592 | 70 | 720846 | 53.088 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.563 | 107 | 1038031 | 57.460 | ng | | 99 |
| 22) Acetophenone | 8.610 | 105 | 1375793 | 48.235 | ng | # | 99 |
| 24) Nitrobenzene | 8.986 | 77 | 1020225 | 50.218 | ng | | 98 |
| 25) Isophorone | 9.516 | 82 | 1872923 | 56.617 | ng | | 100 |
| 26) 2-Nitrophenol | 9.692 | 139 | 477421 | 55.212 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.763 | 122 | 841964 | 76.497 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.992 | 93 | 1172259 | 50.313 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.233 | 162 | 946428 | 52.770 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.445 | 180 | 1069672 | 47.670 | ng | | 99 |
| 31) Naphthalene | 10.633 | 128 | 2711141 | 47.663 | ng | | 99 |
| 32) Benzoic acid | 9.898 | 122 | 585917m | 62.594 | ng | | |
| 33) 4-Chloroaniline | 10.739 | 127 | 270828 | 13.951 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.922 | 225 | 666440 | 48.110 | ng | | 99 |
| 35) Caprolactam | 11.522 | 113 | 248253 | 59.620 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 11.875 | 107 | 854567 | 55.523 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.245 | 142 | 1782423 | 44.814 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.469 | 142 | 1863884 | 48.571 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.616 | 216 | 1254455 | 48.433 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.604 | 237 | 1298892 | 135.366 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.857 | 196 | 784719 | 54.096 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.933 | 196 | 851422 | 53.786 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.263 | 154 | 2599222 | 47.828 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.304 | 162 | 2055991 | 48.605 | ng | 99 |
| 48) 2-Nitroaniline | 13.504 | 65 | 529349 | 55.745 | ng | 99 |
| 49) Acenaphthylene | 14.151 | 152 | 3268726 | 55.284 | ng | 100 |
| 50) Dimethylphthalate | 13.886 | 163 | 2441488 | 50.291 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.998 | 165 | 509249 | 52.352 | ng | 98 |
| 52) Acenaphthene | 14.492 | 154 | 1873311 | 48.302 | ng | 99 |
| 53) 3-Nitroaniline | 14.327 | 138 | 219582 | 23.721 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.533 | 184 | 610000 | 92.626 | ng | 98 |
| 55) Dibenzofuran | 14.827 | 168 | 3013659 | 46.633 | ng | 100 |
| 56) 4-Nitrophenol | 14.645 | 139 | 955679 | 118.606 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.786 | 165 | 714781 | 57.104 | ng | 96 |
| 58) Fluorene | 15.474 | 166 | 2632204 | 50.026 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.057 | 232 | 702937 | 53.049 | ng | 99 |
| 60) Diethylphthalate | 15.257 | 149 | 2288697 | 50.055 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.474 | 204 | 1423217 | 49.534 | ng | 99 |
| 62) 4-Nitroaniline | 15.492 | 138 | 488508 | 44.640 | ng | 99 |
| 63) Azobenzene | 15.763 | 77 | 2352201 | 53.859 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 198 | 377259 | 50.153 | ng | 93 |
| 66) n-Nitrosodiphenylamine | 15.686 | 169 | 2099130 | 50.652 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.363 | 248 | 789491 | 49.992 | ng | 99 |
| 68) Hexachlorobenzene | 16.480 | 284 | 887966 | 50.002 | ng | 100 |
| 69) Atrazine | 16.639 | 200 | 743568 | 81.414 | ng | 99 |
| 70) Pentachlorophenol | 16.821 | 266 | 1323277 | 118.573 | ng | 99 |
| 71) Phenanthrene | 17.209 | 178 | 3878245 | 51.062 | ng | 100 |
| 72) Anthracene | 17.304 | 178 | 3953288 | 53.746 | ng | 100 |
| 73) Carbazole | 17.574 | 167 | 3507474 | 52.654 | ng | 100 |
| 74) Di-n-butylphthalate | 18.139 | 149 | 4005659 | 54.863 | ng | 99 |
| 75) Fluoranthene | 19.227 | 202 | 4774900 | 54.606 | ng | 100 |
| 77) Benzidine | 19.409 | 184 | 1910777 | 115.898 | ng | 100 |
| 78) Pyrene | 19.586 | 202 | 5003868 | 52.191 | ng | 100 |
| 80) Butylbenzylphthalate | 20.492 | 149 | 1763541 | 59.271 | ng | 98 |
| 81) Benzo(a)anthracene | 21.386 | 228 | 4949181 | 53.995 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.309 | 252 | 848789 | 28.442 | ng | 99 |
| 83) Chrysene | 21.450 | 228 | 4493337 | 51.714 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.315 | 149 | 2621364 | 56.531 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.450 | 149 | 4201481 | 58.295 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 27.797 | 276 | 5494987 | 56.387 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.462 | 252 | 4708290 | 51.629 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.521 | 252 | 4518211 | 50.351 | ng | 99 |
| 90) Benzo(a)pyrene | 24.268 | 252 | 4551458 | 59.419 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 27.850 | 278 | 4333221 | 53.370 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 28.844 | 276 | 4320941 | 52.834 | ng | 99 |

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

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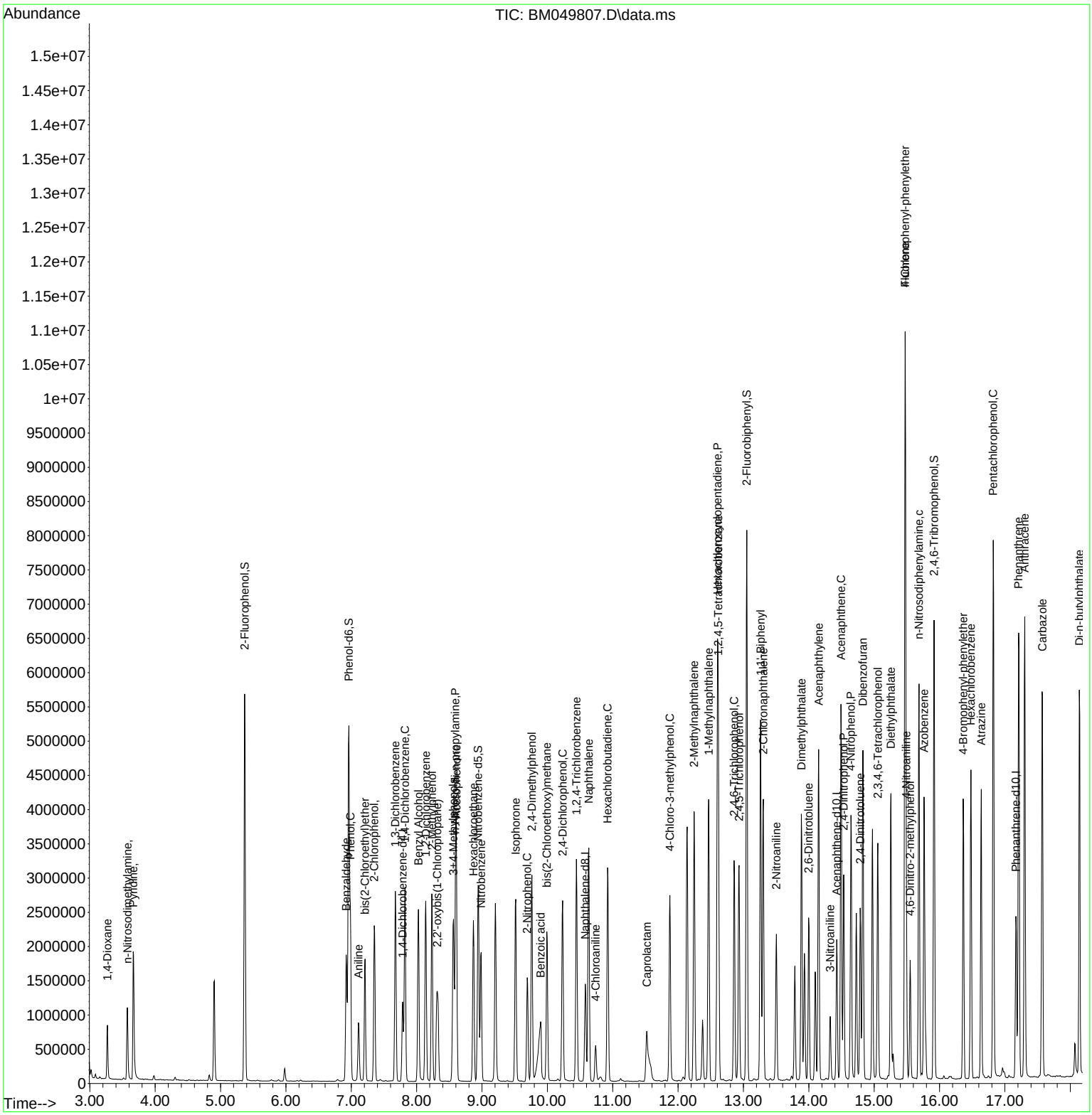

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