Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049947.D
Acq On : 16 Apr 2025 11:26
Operator : RC/JU
Sample : PB167509BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 16 12:10:32 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

**Instrument :**
BNA_M
**ClientSampleId :**
PB167509BS

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.769 | 152 | 335569 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.563 | 136 | 1154159 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.416 | 164 | 723173 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.157 | 188 | 1408528 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.404 | 240 | 1396785 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.403 | 264 | 1468801 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.358 | 112 | 2517914 | 127.414 | ng | | 0.00 |
| 7) Phenol-d6 | 6.952 | 99 | 3087375 | 125.568 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.928 | 82 | 1807121 | 87.189 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.910 | 330 | 1524489 | 144.930 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.034 | 172 | 4755133 | 89.163 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.786 | 244 | 7545930 | 101.243 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.252 | 88 | 285236 | 35.047 | ng | | 99 |
| 3) Pyridine | 3.652 | 79 | 801586 | 37.487 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.564 | 42 | 348421 | 42.817 | ng | | 100 |
| 6) Aniline | 7.099 | 93 | 802210 | 38.077 | ng | | 100 |
| 8) 2-Chlorophenol | 7.340 | 128 | 926757 | 45.761 | ng | | 99 |
| 9) Benzaldehyde | 6.910 | 77 | 410086 | 32.502 | ng | | 99 |
| 10) Phenol | 6.981 | 94 | 1092338 | 45.526 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.193 | 93 | 862929 | 45.862 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.657 | 146 | 1062242 | 44.365 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.805 | 146 | 1072356 | 44.511 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.122 | 146 | 1029815 | 45.382 | ng | | 99 |
| 15) Benzyl Alcohol | 8.016 | 79 | 709628 | 45.834 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.293 | 45 | 1007433 | 48.038 | ng | | 98 |
| 17) 2-Methylphenol | 8.222 | 107 | 711381 | 48.112 | ng | | 99 |
| 18) Hexachloroethane | 8.846 | 117 | 374982 | 44.738 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.581 | 70 | 626211 | 45.985 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.552 | 107 | 954078 | 47.329 | ng | | 99 |
| 22) Acetophenone | 8.593 | 105 | 1241485 | 44.260 | ng | # | 99 |
| 24) Nitrobenzene | 8.969 | 77 | 897029 | 44.947 | ng | | 99 |
| 25) Isophorone | 9.499 | 82 | 1683372 | 48.483 | ng | | 99 |
| 26) 2-Nitrophenol | 9.681 | 139 | 487144 | 46.053 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.751 | 122 | 789352 | 65.846 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.975 | 93 | 1054935 | 45.383 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.228 | 162 | 904031 | 45.368 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.428 | 180 | 1025903 | 44.503 | ng | | 99 |
| 31) Naphthalene | 10.616 | 128 | 2556936 | 43.115 | ng | | 99 |
| 32) Benzoic acid | 9.899 | 122 | 510676m | 36.793 | ng | | |
| 33) 4-Chloroaniline | 10.728 | 127 | 517747 | 24.724 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.904 | 225 | 658407 | 46.174 | ng | | 98 |
| 35) Caprolactam | 11.516 | 113 | 251400 | 43.988 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.869 | 107 | 793616 | 45.467 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.228 | 142 | 1684399 | 40.312 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.451 | 142 | 1758489 | 43.198 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.604 | 216 | 1167474 | 46.145 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.581 | 237 | 1433013 | 161.644 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.851 | 196 | 772469 | 47.982 | ng | | 98 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.928 | 196 | 833745 | 47.656 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.245 | 154 | 2422318 | 45.059 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.287 | 162 | 1925861 | 45.579 | ng | 98 |
| 48) 2-Nitroaniline | 13.492 | 65 | 474869 | 48.580 | ng | 99 |
| 49) Acenaphthylene | 14.139 | 152 | 3047254 | 49.510 | ng | 99 |
| 50) Dimethylphthalate | 13.875 | 163 | 2358862 | 46.235 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.992 | 165 | 515213 | 48.200 | ng | 97 |
| 52) Acenaphthene | 14.481 | 154 | 1764030 | 45.059 | ng | 99 |
| 53) 3-Nitroaniline | 14.322 | 138 | 351369 | 34.011 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.539 | 184 | 668125 | 85.742 | ng | 97 |
| 55) Dibenzofuran | 14.816 | 168 | 2892823 | 44.201 | ng | 98 |
| 56) 4-Nitrophenol | 14.651 | 139 | 879693 | 95.553 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.786 | 165 | 725380 | 50.868 | ng | 95 |
| 58) Fluorene | 15.463 | 166 | 2409614 | 46.319 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.045 | 232 | 711309 | 46.388 | ng | 97 |
| 60) Diethylphthalate | 15.239 | 149 | 2190399 | 44.769 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.457 | 204 | 1302004 | 46.682 | ng | 99 |
| 62) 4-Nitroaniline | 15.486 | 138 | 502922 | 47.073 | ng | 99 |
| 63) Azobenzene | 15.751 | 77 | 1866693 | 44.564 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 198 | 437036 | 49.238 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.675 | 169 | 2034520 | 48.266 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.351 | 248 | 790083 | 48.319 | ng | 97 |
| 68) Hexachlorobenzene | 16.475 | 284 | 919430 | 49.022 | ng | 99 |
| 69) Atrazine | 16.627 | 200 | 731486 | 66.929 | ng | 98 |
| 70) Pentachlorophenol | 16.816 | 266 | 1280079 | 92.705 | ng | 100 |
| 71) Phenanthrene | 17.204 | 178 | 3723574 | 48.220 | ng | 100 |
| 72) Anthracene | 17.292 | 178 | 3775775 | 49.616 | ng | 100 |
| 73) Carbazole | 17.563 | 167 | 3426685 | 47.807 | ng | 99 |
| 74) Di-n-butylphthalate | 18.127 | 149 | 3828697 | 46.376 | ng | 99 |
| 75) Fluoranthene | 19.221 | 202 | 4496471 | 47.358 | ng | 99 |
| 77) Benzidine | 19.404 | 184 | 1898133 | 102.434 | ng | 100 |
| 78) Pyrene | 19.580 | 202 | 4650588 | 48.311 | ng | 100 |
| 80) Butylbenzylphthalate | 20.480 | 149 | 1697848 | 46.939 | ng | 99 |
| 81) Benzo(a)anthracene | 21.386 | 228 | 4535328 | 48.856 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.304 | 252 | 1250970 | 35.685 | ng | 99 |
| 83) Chrysene | 21.445 | 228 | 4184241 | 47.411 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.304 | 149 | 2394124 | 45.429 | ng | 98 |
| 85) Di-n-octyl phthalate | 22.439 | 149 | 4115837 | 44.642 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.809 | 276 | 5360089 | 48.957 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.462 | 252 | 4436790 | 47.297 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.521 | 252 | 4265178 | 46.919 | ng | 100 |
| 90) Benzo(a)pyrene | 24.268 | 252 | 4193597 | 50.874 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 27.856 | 278 | 4387155 | 48.647 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 28.862 | 276 | 4256093 | 46.184 | ng | 99 |

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

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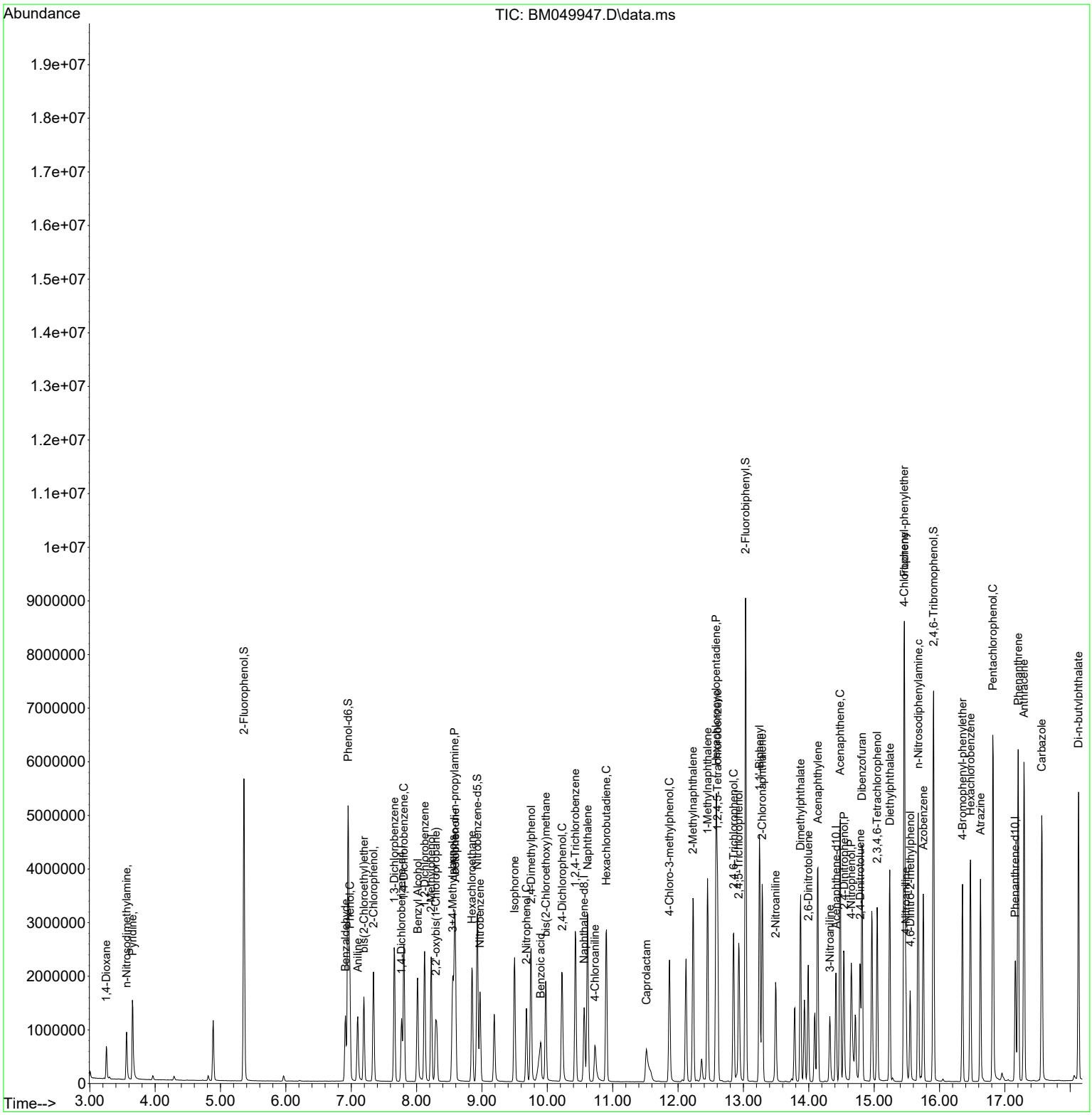

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