Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
Data File : BM047251.D
Acq On : 19 Aug 2024 13:42
Operator : RC/JU
Sample : PB162757BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 19 14:49:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
PB162757BSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.363 | 152 | 188275 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.122 | 136 | 791375 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 14.027 | 164 | 557332 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.792 | 188 | 1252425 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.033 | 240 | 1245983 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.738 | 264 | 1572179 | 20.000 | ng | 0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.022 | 112 | 1424206 | 135.166 | ng | 0.00 |
| 7) Phenol-d6 | 6.581 | 99 | 1895913 | 130.584 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.516 | 82 | 1231431 | 78.353 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.539 | 330 | 920269 | 142.405 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.633 | 172 | 2950276 | 81.655 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.462 | 244 | 5506473 | 94.697 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.022 | 88 | 113428 | 25.981 | ng | 96 |
| 3) Pyridine | 3.399 | 79 | 370799 | 28.964 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.316 | 42 | 205628 | 36.764 | ng | 99 |
| 6) Aniline | 6.710 | 93 | 383691 | 27.960 | ng | 99 |
| 8) 2-Chlorophenol | 6.945 | 128 | 598876 | 52.112 | ng | 97 |
| 9) Benzaldehyde | 6.528 | 77 | 163403 | 17.223 | ng | 99 |
| 10) Phenol | 6.610 | 94 | 702697 | 48.505 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 6.816 | 93 | 529915 | 42.713 | ng | 95 |
| 12) 1,3-Dichlorobenzene | 7.251 | 146 | 593110 | 43.431 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 7.398 | 146 | 605106 | 43.763 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.710 | 146 | 595731 | 45.664 | ng | 99 |
| 15) Benzyl Alcohol | 7.616 | 79 | 535220 | 51.797 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.887 | 45 | 672110 | 42.218 | ng | 99 |
| 17) 2-Methylphenol | 7.828 | 107 | 484486 | 50.128 | ng | 99 |
| 18) Hexachloroethane | 8.416 | 117 | 222857 | 41.610 | ng | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.175 | 70 | 421681 | 43.118 | ng | 98 |
| 20) 3+4-Methylphenols | 8.157 | 107 | 670847 | 49.649 | ng | 98 |
| 22) Acetophenone | 8.187 | 105 | 752379 | 39.386 | ng | 98 |
| 24) Nitrobenzene | 8.557 | 77 | 652013 | 41.200 | ng | 96 |
| 25) Isophorone | 9.081 | 82 | 1219558 | 44.567 | ng | 98 |
| 26) 2-Nitrophenol | 9.257 | 139 | 342308 | 48.841 | ng | 96 |
| 27) 2,4-Dimethylphenol | 9.339 | 122 | 441628 | 53.793 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.563 | 93 | 748328 | 43.460 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.792 | 162 | 640100 | 52.547 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 9.992 | 180 | 623817 | 45.252 | ng | 99 |
| 31) Naphthalene | 10.169 | 128 | 1725748 | 43.775 | ng | 99 |
| 32) Benzoic acid | 9.522 | 122 | 486844 | 51.041 | ng | 96 |
| 33) 4-Chloroaniline | 10.298 | 127 | 412674 | 27.220 | ng | 98 |
| 34) Hexachlorobutadiene | 10.457 | 225 | 363591 | 45.061 | ng | 100 |
| 35) Caprolactam | 11.104 | 113 | 203814m | 48.179 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.451 | 107 | 637315 | 49.126 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.798 | 142 | 1272582 | 45.337 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.022 | 142 | 1186326 | 42.764 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.186 | 216 | 663901 | 43.673 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 12.157 | 237 | 473446 | 89.192 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.445 | 196 | 541460 | 50.113 | ng | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.527 | 196 | 567752 | 47.326 | ng | | 96 |
| 46) 1,1'-Biphenyl | 12.851 | 154 | 1586071 | 39.974 | ng | | 100 |
| 47) 2-Chloronaphthalene | 12.886 | 162 | 1342415 | 43.287 | ng | | 98 |
| 48) 2-Nitroaniline | 13.110 | 65 | 443955 | 45.696 | ng | | 98 |
| 49) Acenaphthylene | 13.745 | 152 | 2204793 | 48.232 | ng | | 100 |
| 50) Dimethylphthalate | 13.510 | 163 | 1805626 | 46.388 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.627 | 165 | 416728 | 45.799 | ng | | 87 |
| 52) Acenaphthene | 14.092 | 154 | 1275241 | 43.979 | ng | | 98 |
| 53) 3-Nitroaniline | 13.957 | 138 | 357076 | 39.163 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.180 | 184 | 550923 | 101.021 | ng | | 92 |
| 55) Dibenzofuran | 14.433 | 168 | 2087079 | 45.567 | ng | | 98 |
| 56) 4-Nitrophenol | 14.304 | 139 | 774486 | 98.507 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.427 | 165 | 573934 | 47.256 | ng | | 97 |
| 58) Fluorene | 15.092 | 166 | 1718229 | 45.466 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.674 | 232 | 529330 | 53.688 | ng | | 93 |
| 60) Diethylphthalate | 14.892 | 149 | 1818603 | 45.752 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.092 | 204 | 834673 | 46.392 | ng | | 96 |
| 62) 4-Nitroaniline | 15.133 | 138 | 430471 | 47.923 | ng | | 94 |
| 63) Azobenzene | 15.392 | 77 | 1610976 | 42.744 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylph... | 15.204 | 198 | 372358 | 50.780 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 15.315 | 169 | 1539154 | 45.119 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 15.992 | 248 | 562507 | 46.609 | ng | | 96 |
| 68) Hexachlorobenzene | 16.098 | 284 | 651895 | 45.101 | ng | | 98 |
| 69) Atrazine | 16.292 | 200 | 516465 | 50.312 | ng | | 98 |
| 70) Pentachlorophenol | 16.457 | 266 | 930264 | 91.815 | ng | | 99 |
| 71) Phenanthrene | 16.833 | 178 | 2889868 | 45.977 | ng | | 100 |
| 72) Anthracene | 16.927 | 178 | 2909916 | 47.580 | ng | | 100 |
| 73) Carbazole | 17.209 | 167 | 2910966 | 46.617 | ng | | 99 |
| 74) Di-n-butylphthalate | 17.792 | 149 | 3370294 | 46.385 | ng | | 99 |
| 75) Fluoranthene | 18.868 | 202 | 3662035 | 47.900 | ng | | 99 |
| 77) Benzidine | 19.074 | 184 | 972955 | 46.046 | ng | | 99 |
| 78) Pyrene | 19.239 | 202 | 3872962 | 43.533 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.174 | 149 | 1685588 | 46.426 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.021 | 228 | 3904446 | 47.203 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 20.956 | 252 | 1267661 | 48.982 | ng | | 99 |
| 83) Chrysene | 21.080 | 228 | 3667613 | 46.734 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 20.974 | 149 | 2306020 | 44.786 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 22.009 | 149 | 4339330 | 49.582 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 26.756 | 276 | 5410859 | 53.245 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.897 | 252 | 4408520 | 47.218 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.956 | 252 | 4184991 | 47.455 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.621 | 252 | 4186037 | 51.757 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 26.809 | 278 | 4361715 | 53.036 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 27.691 | 276 | 4213855 | 49.351 | ng | | 99 |

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

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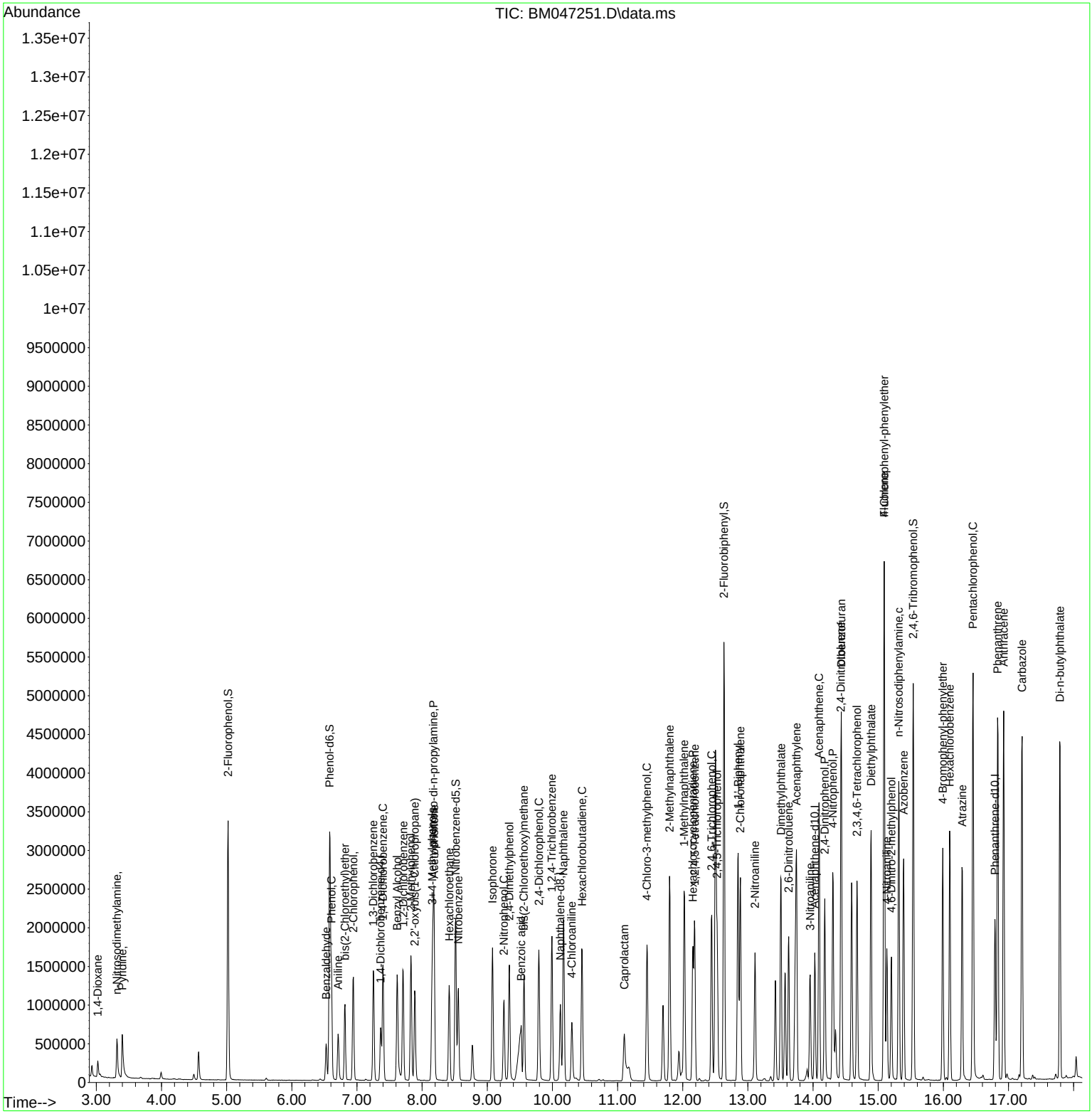

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