Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090624\
Data File : BM047461.D
Acq On : 06 Sep 2024 17:01
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 07 01:16:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 07 01:06:03 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.334 | 152 | 235353 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.092 | 136 | 867292 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.004 | 164 | 514267 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.774 | 188 | 1008921 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.021 | 240 | 797244 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.727 | 264 | 978099 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 4.999 | 112 | 2068691 | 151.436 | ng | | 0.00 |
| 7) Phenol-d6 | 6.569 | 99 | 2670270 | 154.443 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.493 | 82 | 2537136 | 151.977 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.522 | 330 | 869843 | 155.299 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.604 | 172 | 4924577 | 148.204 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.439 | 244 | 6197189 | 154.236 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.011 | 88 | 434373 | 75.280 | ng | | 98 |
| 3) Pyridine | 3.387 | 79 | 1133058m | 78.227 | ng | | |
| 4) n-Nitrosodimethylamine | 3.311 | 42 | 652410 | 80.561 | ng | | 99 |
| 6) Aniline | 6.693 | 93 | 1100417 | 71.752 | ng | | 99 |
| 8) 2-Chlorophenol | 6.922 | 128 | 1064946 | 74.414 | ng | | 98 |
| 9) Benzaldehyde | 6.510 | 77 | 627847 | 61.057 | ng | | 99 |
| 10) Phenol | 6.593 | 94 | 1311845 | 78.225 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.793 | 93 | 1124731 | 76.368 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.222 | 146 | 1278579 | 73.924 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.369 | 146 | 1285749 | 74.022 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.681 | 146 | 1184003 | 72.852 | ng | | 99 |
| 15) Benzyl Alcohol | 7.604 | 79 | 1011272 | 78.517 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.875 | 45 | 1945074 | 74.663 | ng | | 100 |
| 17) 2-Methylphenol | 7.816 | 107 | 871182 | 76.986 | ng | | 99 |
| 18) Hexachloroethane | 8.381 | 117 | 516624 | 74.686 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.151 | 70 | 801722 | 74.769 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.146 | 107 | 1172559 | 77.770 | ng | | 96 |
| 22) Acetophenone | 8.163 | 105 | 1568017 | 75.889 | ng | # | 98 |
| 24) Nitrobenzene | 8.534 | 77 | 1308919 | 76.431 | ng | | 99 |
| 25) Isophorone | 9.057 | 82 | 2236397 | 76.530 | ng | | 99 |
| 26) 2-Nitrophenol | 9.234 | 139 | 637252 | 81.726 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.322 | 122 | 702905 | 78.980 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.540 | 93 | 1401481 | 78.118 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 9.787 | 162 | 1026942 | 80.786 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 9.963 | 180 | 1131842 | 76.715 | ng | | 100 |
| 31) Naphthalene | 10.140 | 128 | 3300418 | 75.043 | ng | | 99 |
| 32) Benzoic acid | 9.575 | 122 | 802532 | 94.868 | ng | | 100 |
| 33) 4-Chloroaniline | 10.287 | 127 | 1170784 | 77.925 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.416 | 225 | 721903 | 75.788 | ng | | 98 |
| 35) Caprolactam | 11.116 | 113 | 336230 | 82.076 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.451 | 107 | 1083324 | 78.860 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.769 | 142 | 2204155 | 76.341 | ng | | 99 |
| 38) 1-Methylnaphthalene | 11.992 | 142 | 2155744 | 75.466 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.157 | 216 | 1170778 | 76.911 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.116 | 237 | 291392 | 80.915 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 12.428 | 196 | 786126 | 80.830 | ng | | 99 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.522 | 196 | 866467 | 82.484 | ng | 98 |
| 46) 1,1'-Biphenyl | 12.822 | 154 | 2772691 | 75.765 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.863 | 162 | 2139454 | 75.248 | ng | 99 |
| 48) 2-Nitroaniline | 13.104 | 65 | 781902 | 80.810 | ng | 99 |
| 49) Acenaphthylene | 13.722 | 152 | 3149248 | 75.631 | ng | 99 |
| 50) Dimethylphthalate | 13.486 | 163 | 2625853 | 77.036 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.616 | 165 | 638830 | 80.170 | ng | 96 |
| 52) Acenaphthene | 14.069 | 154 | 1986281 | 75.334 | ng | 99 |
| 53) 3-Nitroaniline | 13.957 | 138 | 646745 | 82.364 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.192 | 184 | 394037 | 80.938 | ng | 98 |
| 55) Dibenzofuran | 14.410 | 168 | 3104662 | 75.178 | ng | 98 |
| 56) 4-Nitrophenol | 14.333 | 139 | 405519 | 49.065 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.427 | 165 | 822183 | 79.181 | ng | 99 |
| 58) Fluorene | 15.069 | 166 | 2440065 | 74.411 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.663 | 232 | 674332 | 79.433 | ng | 98 |
| 60) Diethylphthalate | 14.869 | 149 | 2604937 | 75.505 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.069 | 204 | 1205861 | 74.863 | ng | 99 |
| 62) 4-Nitroaniline | 15.139 | 138 | 630589 | 82.416 | ng | 97 |
| 63) Azobenzene | 15.363 | 77 | 2545377 | 75.757 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.204 | 198 | 503758 | 91.261 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.298 | 169 | 2076539 | 75.218 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 15.969 | 248 | 758606 | 76.509 | ng | 99 |
| 68) Hexachlorobenzene | 16.080 | 284 | 872116 | 75.776 | ng | 100 |
| 69) Atrazine | 16.269 | 200 | 275250 | 41.021 | ng | 98 |
| 70) Pentachlorophenol | 16.445 | 266 | 566669 | 87.097 | ng | 97 |
| 71) Phenanthrene | 16.816 | 178 | 3643340 | 74.964 | ng | 99 |
| 72) Anthracene | 16.910 | 178 | 3652945 | 76.239 | ng | 99 |
| 73) Carbazole | 17.198 | 167 | 3632129 | 76.118 | ng | 99 |
| 74) Di-n-butylphthalate | 17.763 | 149 | 4377579 | 75.749 | ng | 100 |
| 75) Fluoranthene | 18.857 | 202 | 4349931 | 75.494 | ng | 99 |
| 77) Benzidine | 19.074 | 184 | 1366674 | 82.139 | ng | 100 |
| 78) Pyrene | 19.221 | 202 | 4485208 | 78.759 | ng | 99 |
| 80) Butylbenzylphthalate | 20.151 | 149 | 1944062 | 80.021 | ng | 98 |
| 81) Benzo(a)anthracene | 21.003 | 228 | 3929537 | 77.518 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 20.945 | 252 | 1372859 | 76.472 | ng | 99 |
| 83) Chrysene | 21.062 | 228 | 3768293 | 75.766 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 20.945 | 149 | 2616882 | 76.964 | ng | 100 |
| 85) Di-n-octyl phthalate | 21.974 | 149 | 4704404 | 78.599 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.756 | 276 | 4826520 | 76.255 | ng | 100 |
| 88) Benzo(b)fluoranthene | 22.880 | 252 | 4100421 | 76.696 | ng | 99 |
| 89) Benzo(k)fluoranthene | 22.939 | 252 | 3926747 | 73.097 | ng | 99 |
| 90) Benzo(a)pyrene | 23.603 | 252 | 3725868 | 76.418 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.785 | 278 | 3908955 | 76.101 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.691 | 276 | 4206014 | 77.678 | ng | 99 |

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

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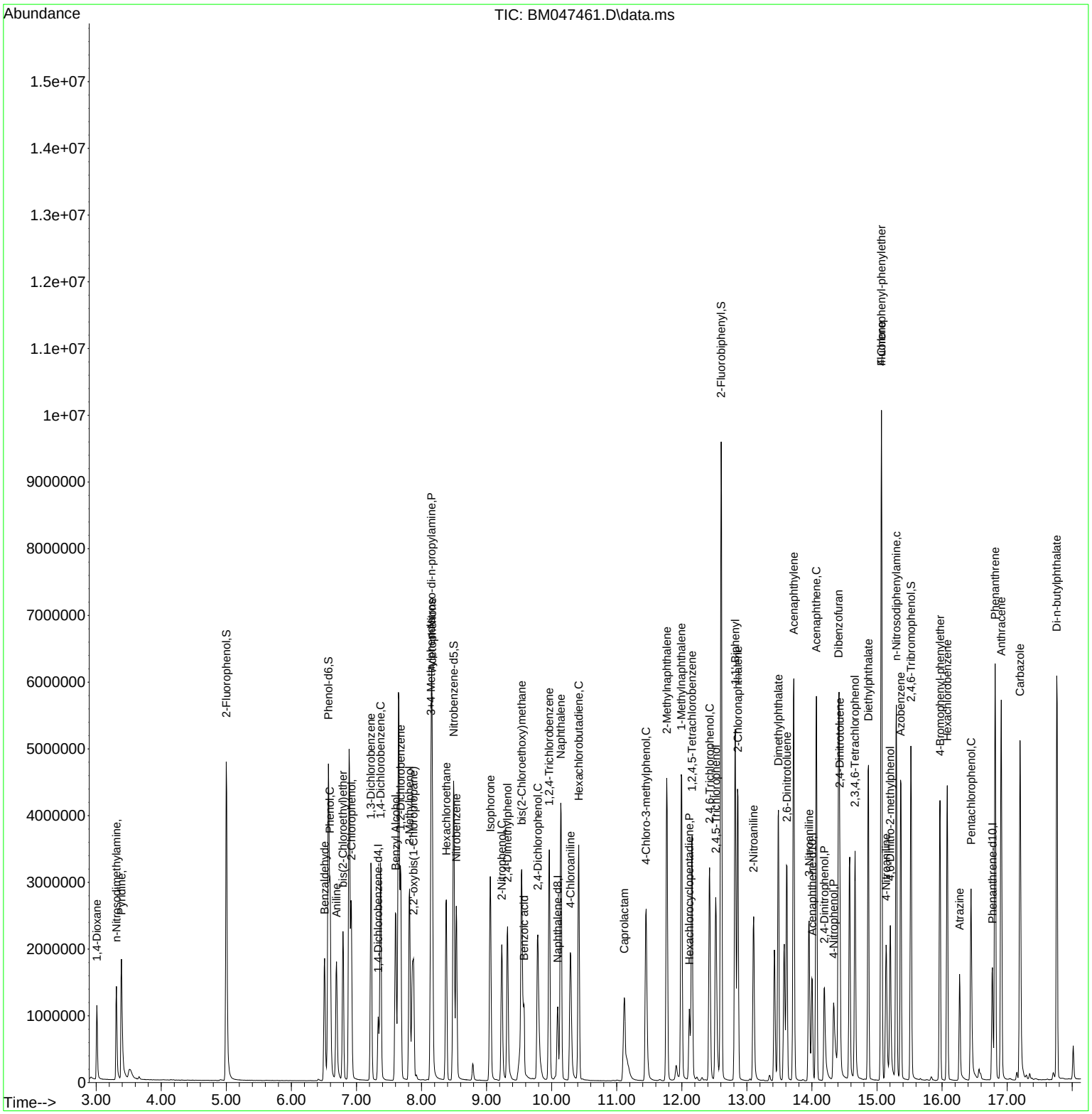

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