Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047419.D
Acq On : 03 Sep 2024 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

Quant Time: Sep 03 13:00:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.345 | 152 | 275509 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.098 | 136 | 1067841 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.010 | 164 | 757246 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.774 | 188 | 1672381 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.021 | 240 | 1517803 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.721 | 264 | 1711264 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.004 | 112 | 1208394 | 84.149 | ng | 0.00 |
| 7) Phenol-d6 | 6.569 | 99 | 1628688 | 83.256 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.498 | 82 | 1550650 | 80.573 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.527 | 330 | 800789 | 87.651 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.610 | 172 | 4114514 | 83.486 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.445 | 244 | 6474399 | 75.926 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.016 | 88 | 218624 | 37.195 | ng | 99 |
| 3) Pyridine | 3.393 | 79 | 642170 | 39.364 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.316 | 42 | 246807 | 37.147 | ng | 95 |
| 6) Aniline | 6.698 | 93 | 716730 | 40.452 | ng | 99 |
| 8) 2-Chlorophenol | 6.922 | 128 | 665981 | 41.434 | ng | 98 |
| 9) Benzaldehyde | 6.510 | 77 | 440652 | 45.015 | ng | 97 |
| 10) Phenol | 6.598 | 94 | 804591 | 41.804 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 6.798 | 93 | 641228 | 38.445 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.234 | 146 | 813251 | 41.377 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.375 | 146 | 817387 | 41.064 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.686 | 146 | 784805 | 41.604 | ng | 99 |
| 15) Benzyl Alcohol | 7.604 | 79 | 574608m | 42.368 | ng | |
| 16) 2,2'-oxybis(1-Chloropr... | 7.881 | 45 | 759040 | 37.954 | ng | 98 |
| 17) 2-Methylphenol | 7.816 | 107 | 554571 | 41.473 | ng | 99 |
| 18) Hexachloroethane | 8.386 | 117 | 293637 | 39.462 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.157 | 70 | 518570 | 38.563 | ng | 98 |
| 20) 3+4-Methylphenols | 8.145 | 107 | 765017 | 41.147 | ng | 97 |
| 22) Acetophenone | 8.169 | 105 | 1022097 | 41.243 | ng | 99 |
| 24) Nitrobenzene | 8.539 | 77 | 792600 | 40.044 | ng | 96 |
| 25) Isophorone | 9.063 | 82 | 1473934 | 40.522 | ng | 98 |
| 26) 2-Nitrophenol | 9.239 | 139 | 413189 | 42.439 | ng | 96 |
| 27) 2,4-Dimethylphenol | 9.322 | 122 | 461772 | 42.019 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.545 | 93 | 880572 | 39.534 | ng | 98 |
| 29) 2,4-Dichlorophenol | 9.780 | 162 | 743894 | 43.636 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 9.969 | 180 | 835662 | 42.439 | ng | 99 |
| 31) Naphthalene | 10.145 | 128 | 2178964 | 41.778 | ng | 99 |
| 32) Benzoic acid | 9.545 | 122 | 523244 | 39.873 | ng | 96 |
| 33) 4-Chloroaniline | 10.286 | 127 | 810236 | 41.780 | ng | 99 |
| 34) Hexachlorobutadiene | 10.422 | 225 | 532501 | 43.302 | ng | 99 |
| 35) Caprolactam | 11.110 | 113 | 241808 | 43.786 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 11.445 | 107 | 723031 | 41.765 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.774 | 142 | 1601172 | 42.105 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.004 | 142 | 1576584 | 41.919 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.163 | 216 | 941414 | 41.983 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.127 | 237 | 260617 | 36.826 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.427 | 196 | 634151 | 41.255 | ng | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.521 | 196 | 700967 | 41.061 | ng | | 97 |
| 46) 1,1'-Biphenyl | 12.827 | 154 | 2153279 | 40.724 | ng | | 99 |
| 47) 2-Chloronaphthalene | 12.863 | 162 | 1698913 | 41.001 | ng | | 99 |
| 48) 2-Nitroaniline | 13.098 | 65 | 467072 | 40.241 | ng | | 96 |
| 49) Acenaphthylene | 13.721 | 152 | 2495187 | 41.433 | ng | | 99 |
| 50) Dimethylphthalate | 13.486 | 163 | 2178056 | 41.743 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.615 | 165 | 512895 | 42.219 | ng | | 95 |
| 52) Acenaphthene | 14.074 | 154 | 1574965 | 41.197 | ng | | 99 |
| 53) 3-Nitroaniline | 13.951 | 138 | 486239 | 43.375 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.186 | 184 | 316368 | 42.287 | ng | | 92 |
| 55) Dibenzofuran | 14.415 | 168 | 2587921 | 42.027 | ng | | 99 |
| 56) 4-Nitrophenol | 14.327 | 139 | 336730 | 38.428 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 14.421 | 165 | 702636 | 44.679 | ng | | 93 |
| 58) Fluorene | 15.074 | 166 | 2079791 | 41.733 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.662 | 232 | 585640 | 41.766 | ng | | 96 |
| 60) Diethylphthalate | 14.868 | 149 | 2155967 | 41.889 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.074 | 204 | 1096773 | 43.262 | ng | | 96 |
| 62) 4-Nitroaniline | 15.133 | 138 | 491771 | 47.422 | ng | | 95 |
| 63) Azobenzene | 15.368 | 77 | 1789814 | 39.934 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.198 | 198 | 443430 | 43.200 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.298 | 169 | 1793986 | 39.203 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 15.974 | 248 | 718058 | 40.699 | ng | | 94 |
| 68) Hexachlorobenzene | 16.080 | 284 | 817063 | 40.097 | ng | | 98 |
| 69) Atrazine | 16.274 | 200 | 571768 | 38.226 | ng | | 99 |
| 70) Pentachlorophenol | 16.445 | 266 | 511568 | 38.830 | ng | | 98 |
| 71) Phenanthrene | 16.815 | 178 | 3292297 | 40.536 | ng | | 99 |
| 72) Anthracene | 16.909 | 178 | 3259472 | 41.168 | ng | | 100 |
| 73) Carbazole | 17.198 | 167 | 3237109 | 42.607 | ng | | 100 |
| 74) Di-n-butylphthalate | 17.768 | 149 | 3858391 | 41.705 | ng | | 100 |
| 75) Fluoranthene | 18.856 | 202 | 4241699 | 44.479 | ng | | 100 |
| 77) Benzidine | 19.068 | 184 | 1649713 | 65.114 | ng | | 99 |
| 78) Pyrene | 19.221 | 202 | 4350703 | 37.374 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.156 | 149 | 1786166 | 39.210 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.003 | 228 | 4000158 | 40.413 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 20.944 | 252 | 1468558 | 44.106 | ng | | 98 |
| 83) Chrysene | 21.062 | 228 | 3758457 | 40.367 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 20.950 | 149 | 2501814 | 38.857 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 21.980 | 149 | 4416491 | 40.754 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.738 | 276 | 4292029 | 40.066 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.880 | 252 | 4173290 | 41.800 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 22.938 | 252 | 3887379 | 41.074 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.603 | 252 | 3560892 | 41.243 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.779 | 278 | 3503136 | 40.366 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 27.673 | 276 | 3516918 | 38.981 | ng | | 99 |

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

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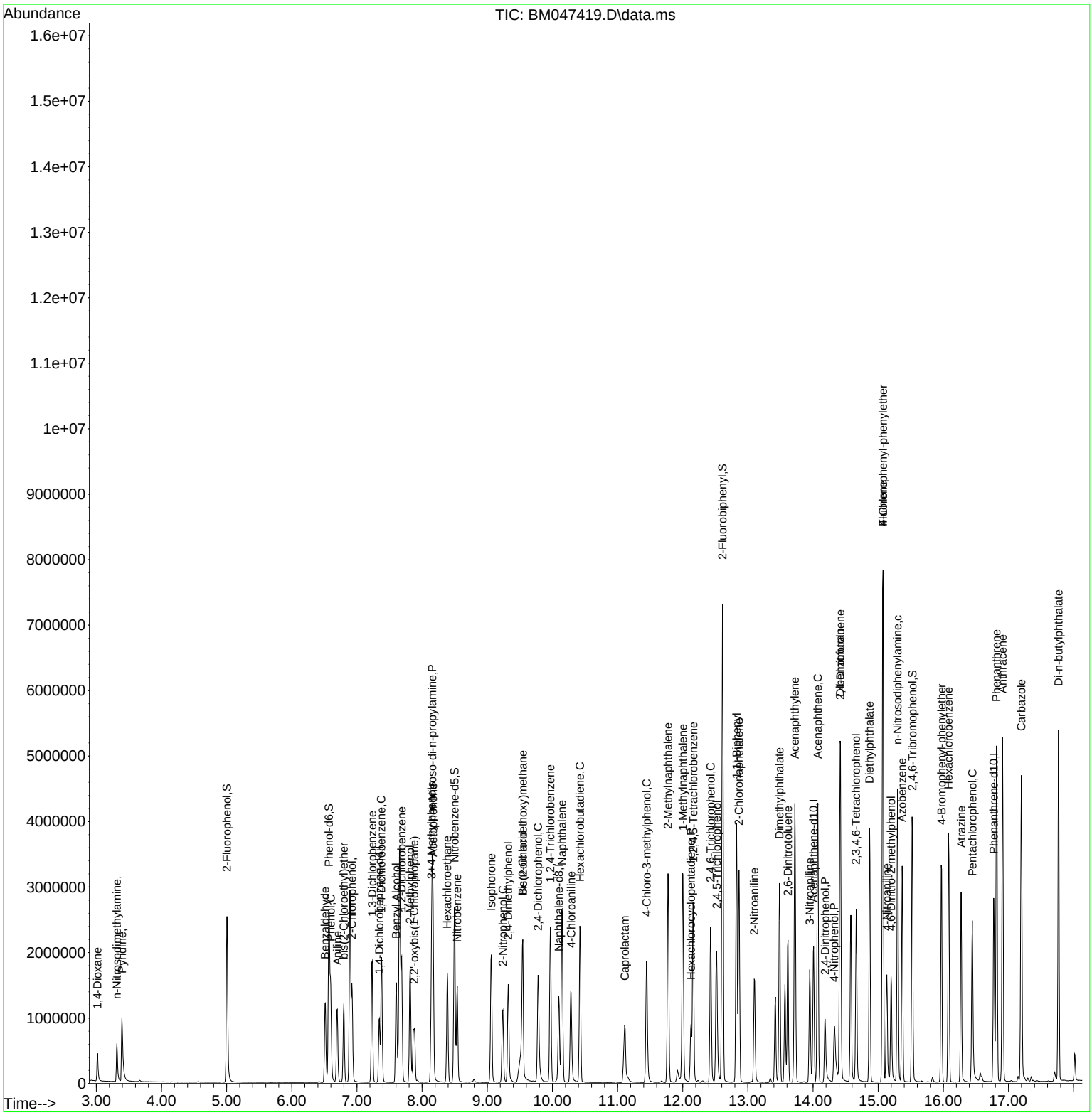

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