Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
Data File : BM049594.D
Acq On : 07 Feb 2025 00:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Feb 07 01:34:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.822 | 152 | 252484 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.622 | 136 | 937146 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.463 | 164 | 583935 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.204 | 188 | 1104130 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.445 | 240 | 1124649 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.474 | 264 | 936920 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.393 | 112 | 1285109 | 81.849 | ng | | 0.00 |
| 7) Phenol-d6 | 6.981 | 99 | 1677721 | 81.561 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.981 | 82 | 1577845 | 86.603 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.945 | 330 | 574481 | 83.028 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.092 | 172 | 3887755 | 86.249 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.833 | 244 | 6699385 | 90.964 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.299 | 88 | 274955 | 41.650 | ng | | 100 |
| 3) Pyridine | 3.693 | 79 | 752603 | 41.025 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.599 | 42 | 356200 | 41.501 | ng | | 97 |
| 6) Aniline | 7.145 | 93 | 759049 | 38.934 | ng | | 98 |
| 8) 2-Chlorophenol | 7.387 | 128 | 626642 | 39.970 | ng | | 98 |
| 9) Benzaldehyde | 6.957 | 77 | 468038 | 42.972 | ng | | 99 |
| 10) Phenol | 7.010 | 94 | 817552 | 40.352 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.245 | 93 | 663825 | 40.499 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.716 | 146 | 743968 | 40.882 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.857 | 146 | 754363 | 40.983 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.175 | 146 | 731707 | 41.169 | ng | | 100 |
| 15) Benzyl Alcohol | 8.057 | 79 | 557993 | 38.991 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.363 | 45 | 914224 | 41.433 | ng | | 97 |
| 17) 2-Methylphenol | 8.257 | 107 | 501690 | 40.497 | ng | | 97 |
| 18) Hexachloroethane | 8.910 | 117 | 278324 | 41.396 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.634 | 70 | 555103 | 41.210 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.587 | 107 | 668477 | 40.876 | ng | | 98 |
| 22) Acetophenone | 8.639 | 105 | 1042353 | 41.296 | ng | # | 97 |
| 24) Nitrobenzene | 9.022 | 77 | 760656 | 42.972 | ng | | 100 |
| 25) Isophorone | 9.545 | 82 | 1306320 | 39.757 | ng | | 100 |
| 26) 2-Nitrophenol | 9.734 | 139 | 214593 | 37.484 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.792 | 122 | 394781 | 37.999 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.034 | 93 | 861535 | 40.711 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.263 | 162 | 590841 | 41.295 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.486 | 180 | 709167 | 40.456 | ng | | 97 |
| 31) Naphthalene | 10.675 | 128 | 2002909 | 40.524 | ng | | 99 |
| 32) Benzoic acid | 9.910 | 122 | 225319 | 38.695 | ng | | 95 |
| 33) 4-Chloroaniline | 10.769 | 127 | 722271 | 39.042 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.969 | 225 | 434622 | 41.403 | ng | | 100 |
| 35) Caprolactam | 11.539 | 113 | 171049 | 39.187 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.898 | 107 | 575286 | 40.318 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.286 | 142 | 1393084 | 40.032 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.504 | 142 | 1339011 | 39.548 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.651 | 216 | 801288 | 41.736 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.645 | 237 | 191115 | 38.994 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.892 | 196 | 419910 | 40.081 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.957 | 196 | 479844 | 41.678 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.298 | 154 | 1804680 | 40.513 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.339 | 162 | 1390026 | 40.331 | ng | | 99 |
| 48) 2-Nitroaniline | 13.527 | 65 | 356049 | 39.940 | ng | | 94 |
| 49) Acenaphthylene | 14.180 | 152 | 2044800 | 40.235 | ng | | 100 |
| 50) Dimethylphthalate | 13.921 | 163 | 1667137 | 39.755 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.027 | 165 | 320528 | 44.172 | ng | | 93 |
| 52) Acenaphthene | 14.527 | 154 | 1379788 | 40.903 | ng | | 99 |
| 53) 3-Nitroaniline | 14.357 | 138 | 323200 | 43.747 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.557 | 184 | 62516 | 38.254 | ng | # | 87 |
| 55) Dibenzofuran | 14.863 | 168 | 2183999 | 40.661 | ng | | 100 |
| 56) 4-Nitrophenol | 14.651 | 139 | 252332 | 40.517 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.816 | 165 | 416433 | 42.335 | ng | | 99 |
| 58) Fluorene | 15.510 | 166 | 2026194 | 44.096 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.086 | 232 | 410589 | 42.211 | ng | | 100 |
| 60) Diethylphthalate | 15.292 | 149 | 1697401 | 40.276 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.510 | 204 | 1085560 | 44.387 | ng | | 99 |
| 62) 4-Nitroaniline | 15.515 | 138 | 392660 | 41.679 | ng | | 98 |
| 63) Azobenzene | 15.804 | 77 | 1826054 | 41.511 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.580 | 198 | 106790 | 37.603 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.715 | 169 | 1415298 | 40.645 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.398 | 248 | 516640 | 40.277 | ng | | 98 |
| 68) Hexachlorobenzene | 16.515 | 284 | 599954 | 40.751 | ng | | 96 |
| 69) Atrazine | 16.668 | 200 | 374530 | 36.183 | ng | | 97 |
| 70) Pentachlorophenol | 16.851 | 266 | 312275 | 36.109 | ng | | 99 |
| 71) Phenanthrene | 17.245 | 178 | 2584326 | 41.085 | ng | | 99 |
| 72) Anthracene | 17.333 | 178 | 2567637 | 41.226 | ng | | 100 |
| 73) Carbazole | 17.598 | 167 | 2223107 | 40.668 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.186 | 149 | 2792159 | 40.254 | ng | | 100 |
| 75) Fluoranthene | 19.256 | 202 | 3100217 | 42.098 | ng | | 100 |
| 77) Benzidine | 19.439 | 184 | 300777 | 30.200 | ng | | 98 |
| 78) Pyrene | 19.621 | 202 | 3208842 | 38.105 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.533 | 149 | 888399 | 33.904 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.427 | 228 | 3128202 | 41.042 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.345 | 252 | 792327 | 38.631 | ng | | 99 |
| 83) Chrysene | 21.486 | 228 | 2966738 | 41.545 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.374 | 149 | 1660616 | 36.968 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.533 | 149 | 2428980 | 34.275 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 27.897 | 276 | 2197229 | 42.942 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 23.521 | 252 | 2660341 | 41.275 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.586 | 252 | 2659172 | 42.477 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.333 | 252 | 2126485 | 41.632 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 27.962 | 278 | 1742460 | 43.088 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 28.962 | 276 | 1938625 | 42.914 | ng | | 99 |

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

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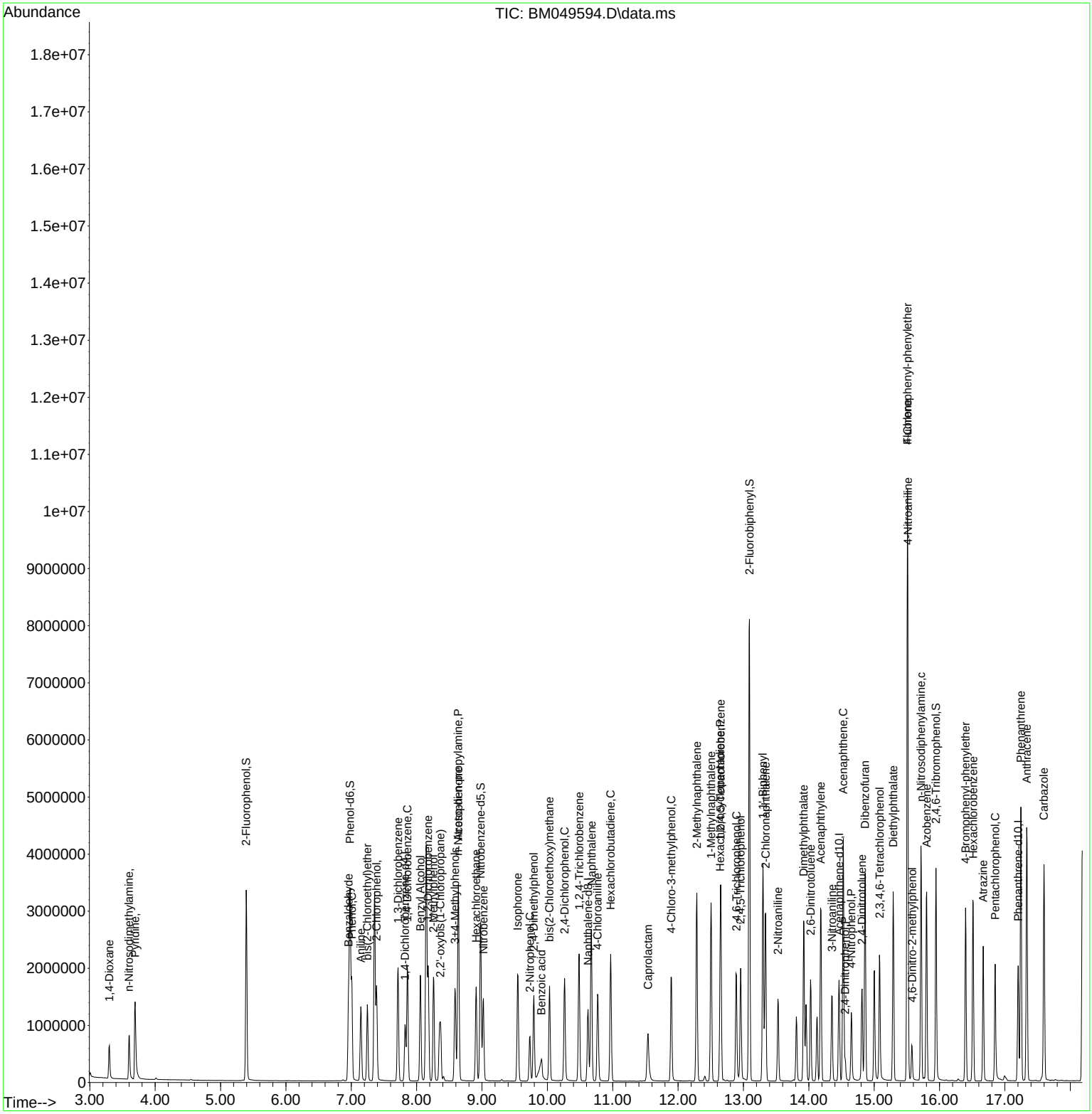

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