Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020725\
Data File : BM049603.D
Acq On : 07 Feb 2025 15:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Feb 07 16:35:25 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 | 191851 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.622 | 136 | 735469 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.463 | 164 | 476309 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.204 | 188 | 903276 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.439 | 240 | 887934 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.468 | 264 | 715919 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.393 | 112 | 971833 | 81.459 | ng | | 0.00 |
| 7) Phenol-d6 | 6.981 | 99 | 1299547 | 83.143 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.975 | 82 | 1277873 | 89.372 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.945 | 330 | 446090 | 79.040 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.092 | 172 | 3195951 | 86.923 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.827 | 244 | 5607445 | 96.435 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.293 | 88 | 208757 | 41.616 | ng | | 99 |
| 3) Pyridine | 3.693 | 79 | 569407 | 40.849 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.599 | 42 | 277430 | 42.539 | ng | | 92 |
| 6) Aniline | 7.145 | 93 | 580828 | 39.208 | ng | | 99 |
| 8) 2-Chlorophenol | 7.387 | 128 | 481959 | 40.457 | ng | | 96 |
| 9) Benzaldehyde | 6.957 | 77 | 338401 | 40.889 | ng | | 98 |
| 10) Phenol | 7.010 | 94 | 622921 | 40.462 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.245 | 93 | 518342 | 41.618 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.716 | 146 | 572239 | 41.384 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.857 | 146 | 582138 | 41.622 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.175 | 146 | 571131 | 42.290 | ng | | 100 |
| 15) Benzyl Alcohol | 8.057 | 79 | 420703 | 38.688 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.357 | 45 | 728137 | 43.428 | ng | | 99 |
| 17) 2-Methylphenol | 8.257 | 107 | 391275 | 41.566 | ng | | 98 |
| 18) Hexachloroethane | 8.910 | 117 | 215179 | 42.119 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.634 | 70 | 450106 | 43.976 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.587 | 107 | 516749 | 41.584 | ng | | 98 |
| 22) Acetophenone | 8.639 | 105 | 833319 | 42.067 | ng | # | 97 |
| 24) Nitrobenzene | 9.022 | 77 | 607023 | 43.696 | ng | | 99 |
| 25) Isophorone | 9.545 | 82 | 1029542 | 39.925 | ng | | 98 |
| 26) 2-Nitrophenol | 9.733 | 139 | 156680 | 35.341 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.792 | 122 | 307484 | 37.712 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.033 | 93 | 688260 | 41.441 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.263 | 162 | 460863 | 41.043 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.486 | 180 | 561616 | 40.824 | ng | | 99 |
| 31) Naphthalene | 10.669 | 128 | 1592814 | 41.064 | ng | | 99 |
| 32) Benzoic acid | 9.910 | 122 | 176299m | 38.615 | ng | | |
| 33) 4-Chloroaniline | 10.769 | 127 | 571689 | 39.376 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.969 | 225 | 340647 | 41.350 | ng | | 99 |
| 35) Caprolactam | 11.539 | 113 | 128576 | 37.534 | ng | | 90 |
| 36) 4-Chloro-3-methylphenol | 11.898 | 107 | 443383 | 39.595 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.286 | 142 | 1126789 | 41.259 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.504 | 142 | 1092548 | 41.117 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.651 | 216 | 643127 | 41.067 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.645 | 237 | 143229 | 35.827 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.892 | 196 | 329641 | 38.574 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.957 | 196 | 373626 | 39.785 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.298 | 154 | 1497729 | 41.219 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.339 | 162 | 1159896 | 41.259 | ng | | 99 |
| 48) 2-Nitroaniline | 13.533 | 65 | 281559 | 38.847 | ng | | 97 |
| 49) Acenaphthylene | 14.186 | 152 | 1702324 | 41.065 | ng | | 99 |
| 50) Dimethylphthalate | 13.921 | 163 | 1366535 | 39.950 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.027 | 165 | 258723 | 43.711 | ng | | 94 |
| 52) Acenaphthene | 14.527 | 154 | 1146562 | 41.669 | ng | | 98 |
| 53) 3-Nitroaniline | 14.357 | 138 | 265617 | 44.077 | ng | # | 96 |
| 54) 2,4-Dinitrophenol | 14.557 | 184 | 46156 | 35.883 | ng | | 87 |
| 55) Dibenzofuran | 14.863 | 168 | 1842163 | 42.046 | ng | | 100 |
| 56) 4-Nitrophenol | 14.657 | 139 | 197868 | 38.951 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.816 | 165 | 337426 | 42.109 | ng | | 99 |
| 58) Fluorene | 15.510 | 166 | 1696934 | 45.275 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.086 | 232 | 328177 | 41.362 | ng | | 100 |
| 60) Diethylphthalate | 15.292 | 149 | 1410288 | 41.025 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.510 | 204 | 897185 | 44.974 | ng | | 97 |
| 62) 4-Nitroaniline | 15.515 | 138 | 324709 | 42.196 | ng | | 99 |
| 63) Azobenzene | 15.798 | 77 | 1573574 | 43.855 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.580 | 198 | 79440 | 35.253 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 15.721 | 169 | 1178496 | 41.370 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.398 | 248 | 429202 | 40.901 | ng | | 100 |
| 68) Hexachlorobenzene | 16.515 | 284 | 484650 | 40.239 | ng | | 100 |
| 69) Atrazine | 16.668 | 200 | 295969 | 34.952 | ng | | 96 |
| 70) Pentachlorophenol | 16.851 | 266 | 239189 | 34.300 | ng | | 100 |
| 71) Phenanthrene | 17.245 | 178 | 2156248 | 41.902 | ng | | 100 |
| 72) Anthracene | 17.333 | 178 | 2112998 | 41.470 | ng | | 100 |
| 73) Carbazole | 17.598 | 167 | 1818068 | 40.654 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.186 | 149 | 2291870 | 40.388 | ng | | 100 |
| 75) Fluoranthene | 19.256 | 202 | 2501450 | 41.520 | ng | | 99 |
| 77) Benzidine | 19.439 | 184 | 251608 | 31.998 | ng | | 96 |
| 78) Pyrene | 19.621 | 202 | 2616645 | 39.357 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.533 | 149 | 662322 | 32.014 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.421 | 228 | 2441517 | 40.572 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.345 | 252 | 556530 | 34.368 | ng | | 98 |
| 83) Chrysene | 21.486 | 228 | 2313800 | 41.040 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.374 | 149 | 1282753 | 36.169 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.527 | 149 | 1706325 | 30.496 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 27.891 | 276 | 1587030 | 40.591 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.515 | 252 | 2027116 | 41.159 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.580 | 252 | 1939592 | 40.547 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.327 | 252 | 1574267 | 40.335 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 27.956 | 278 | 1249408 | 40.433 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 28.956 | 276 | 1430421 | 41.439 | ng | | 98 |

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

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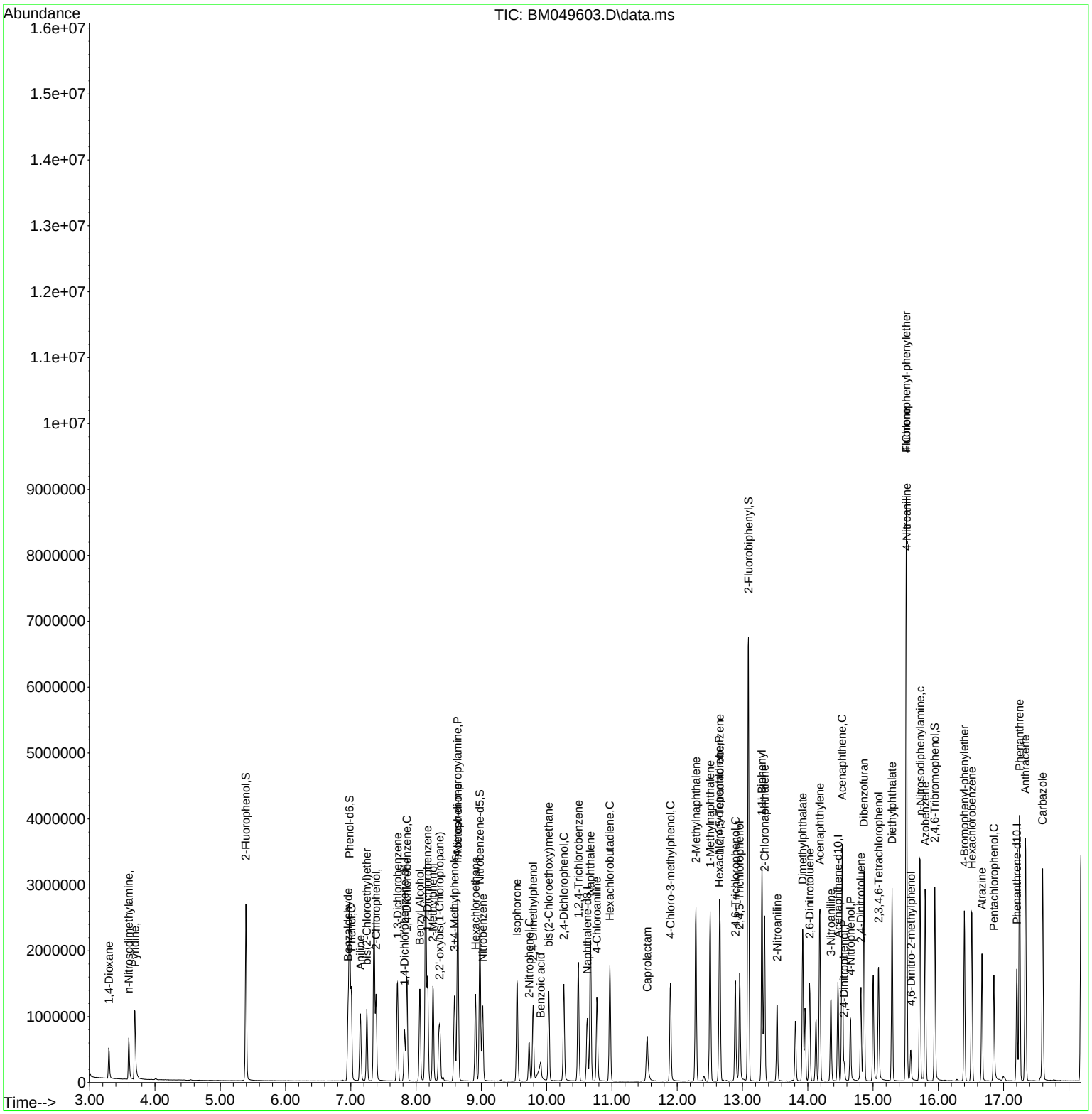

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