Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
Data File : BM047308.D
Acq On : 22 Aug 2024 09:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 22 10:59:43 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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.351 | 152 | 315372 | 20.000 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.110 | 136 | 1211803 | 20.000 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.016 | 164 | 822573 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 16.780 | 188 | 1768064 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.021 | 240 | 1535454 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 23.709 | 264 | 1629252 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.010 | 112 | 1303996 | 73.882 | ng | -0.01 |
| 7) Phenol-d6 | 6.569 | 99 | 1761491 | 72.430 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.504 | 82 | 1721029 | 71.513 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.527 | 330 | 800401 | 83.918 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.622 | 172 | 4120450 | 77.269 | ng | -0.02 |
| 79) Terphenyl-d14 | 19.445 | 244 | 6380197 | 89.037 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.028 | 88 | 263249 | 35.998 | ng | 96 |
| 3) Pyridine | 3.399 | 79 | 734306 | 34.243 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.322 | 42 | 306437 | 32.708 | ng | 96 |
| 6) Aniline | 6.704 | 93 | 809995 | 35.238 | ng | 98 |
| 8) 2-Chlorophenol | 6.928 | 128 | 714965 | 37.141 | ng | 99 |
| 9) Benzaldehyde | 6.516 | 77 | 523783 | 41.837 | ng | 99 |
| 10) Phenol | 6.593 | 94 | 863321 | 35.576 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 6.804 | 93 | 742990 | 35.752 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 7.240 | 146 | 879161 | 38.433 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 7.387 | 146 | 886468 | 38.275 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.698 | 146 | 825943 | 37.796 | ng | 98 |
| 15) Benzyl Alcohol | 7.604 | 79 | 619139 | 35.771 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.892 | 45 | 880322 | 33.012 | ng | 98 |
| 17) 2-Methylphenol | 7.816 | 107 | 598616 | 36.976 | ng | 99 |
| 18) Hexachloroethane | 8.404 | 117 | 331304 | 36.929 | ng | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.169 | 70 | 561893 | 34.301 | ng | 96 |
| 20) 3+4-Methylphenols | 8.145 | 107 | 818840 | 36.179 | ng | 100 |
| 22) Acetophenone | 8.175 | 105 | 1094687 | 37.424 | ng | 98 |
| 24) Nitrobenzene | 8.545 | 77 | 884972 | 36.519 | ng | 97 |
| 25) Isophorone | 9.069 | 82 | 1591106 | 37.971 | ng | 98 |
| 26) 2-Nitrophenol | 9.245 | 139 | 449274 | 41.863 | ng | 94 |
| 27) 2,4-Dimethylphenol | 9.328 | 122 | 496910 | 39.527 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.551 | 93 | 993074 | 37.664 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.775 | 162 | 782273 | 41.938 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 9.975 | 180 | 881137 | 41.742 | ng | 100 |
| 31) Naphthalene | 10.157 | 128 | 2303393 | 38.156 | ng | 99 |
| 32) Benzoic acid | 9.522 | 122 | 603943 | 41.350 | ng | 99 |
| 33) 4-Chloroaniline | 10.286 | 127 | 873816 | 37.641 | ng | 99 |
| 34) Hexachlorobutadiene | 10.439 | 225 | 554015 | 44.840 | ng | 100 |
| 35) Caprolactam | 11.104 | 113 | 259311 | 40.031 | ng | 91 |
| 36) 4-Chloro-3-methylphenol | 11.439 | 107 | 785639 | 39.548 | ng | 100 |
| 37) 2-Methylnaphthalene | 11.786 | 142 | 1687918 | 39.270 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.010 | 142 | 1643957 | 38.700 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.169 | 216 | 957174 | 42.662 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 12.139 | 237 | 284615 | 36.329 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.427 | 196 | 665686 | 41.744 | ng | 100 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.510 | 196 | 738243 | 41.695 | ng | | 96 |
| 46) 1,1'-Biphenyl | 12.833 | 154 | 2220122 | 37.912 | ng | | 98 |
| 47) 2-Chloronaphthalene | 12.869 | 162 | 1733753 | 37.879 | ng | | 99 |
| 48) 2-Nitroaniline | 13.098 | 65 | 519350 | 36.219 | ng | | 96 |
| 49) Acenaphthylene | 13.727 | 152 | 2561019 | 37.959 | ng | | 100 |
| 50) Dimethylphthalate | 13.498 | 163 | 2232553 | 38.861 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.616 | 165 | 536890 | 39.978 | ng | | 88 |
| 52) Acenaphthene | 14.080 | 154 | 1620780 | 37.872 | ng | | 100 |
| 53) 3-Nitroaniline | 13.945 | 138 | 510904 | 37.966 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 14.169 | 184 | 303462 | 37.702 | ng | | 93 |
| 55) Dibenzofuran | 14.421 | 168 | 2590656 | 38.323 | ng | | 99 |
| 56) 4-Nitrophenol | 14.298 | 139 | 415593 | 35.815 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.416 | 165 | 708560 | 39.529 | ng | # | 97 |
| 58) Fluorene | 15.074 | 166 | 2133336 | 38.248 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.663 | 232 | 609310 | 41.872 | ng | | 93 |
| 60) Diethylphthalate | 14.880 | 149 | 2237417 | 38.138 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.080 | 204 | 1071908 | 40.367 | ng | | 95 |
| 62) 4-Nitroaniline | 15.127 | 138 | 500966 | 37.788 | ng | | 95 |
| 63) Azobenzene | 15.374 | 77 | 1953128 | 35.112 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 15.186 | 198 | 425285 | 41.084 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 15.304 | 169 | 1831258 | 38.026 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 15.980 | 248 | 705879 | 41.431 | ng | | 96 |
| 68) Hexachlorobenzene | 16.086 | 284 | 821372 | 40.254 | ng | | 94 |
| 69) Atrazine | 16.274 | 200 | 511524 | 35.298 | ng | | 99 |
| 70) Pentachlorophenol | 16.439 | 266 | 580674 | 40.597 | ng | | 98 |
| 71) Phenanthrene | 16.821 | 178 | 3343698 | 37.683 | ng | | 100 |
| 72) Anthracene | 16.910 | 178 | 3284636 | 38.044 | ng | | 100 |
| 73) Carbazole | 17.198 | 167 | 3281091 | 37.220 | ng | | 99 |
| 74) Di-n-butylphthalate | 17.774 | 149 | 4010258 | 39.097 | ng | | 99 |
| 75) Fluoranthene | 18.856 | 202 | 4234649 | 39.236 | ng | | 99 |
| 77) Benzidine | 19.062 | 184 | 1551050 | 59.567 | ng | | 100 |
| 78) Pyrene | 19.221 | 202 | 4349870 | 39.676 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.162 | 149 | 1852458 | 41.403 | ng | | 93 |
| 81) Benzo(a)anthracene | 21.003 | 228 | 3891993 | 38.182 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 20.945 | 252 | 1389102 | 43.555 | ng | | 99 |
| 83) Chrysene | 21.062 | 228 | 3637684 | 37.614 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 20.956 | 149 | 2572281 | 40.539 | ng | | 98 |
| 85) Di-n-octyl phthalate | 21.986 | 149 | 4548357 | 42.173 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 26.703 | 276 | 3627893 | 34.449 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.874 | 252 | 3826072 | 39.544 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 22.927 | 252 | 3657262 | 40.018 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.586 | 252 | 3250485 | 38.781 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 26.750 | 278 | 2934810 | 34.436 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 27.638 | 276 | 2982909 | 33.711 | ng | | 98 |

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

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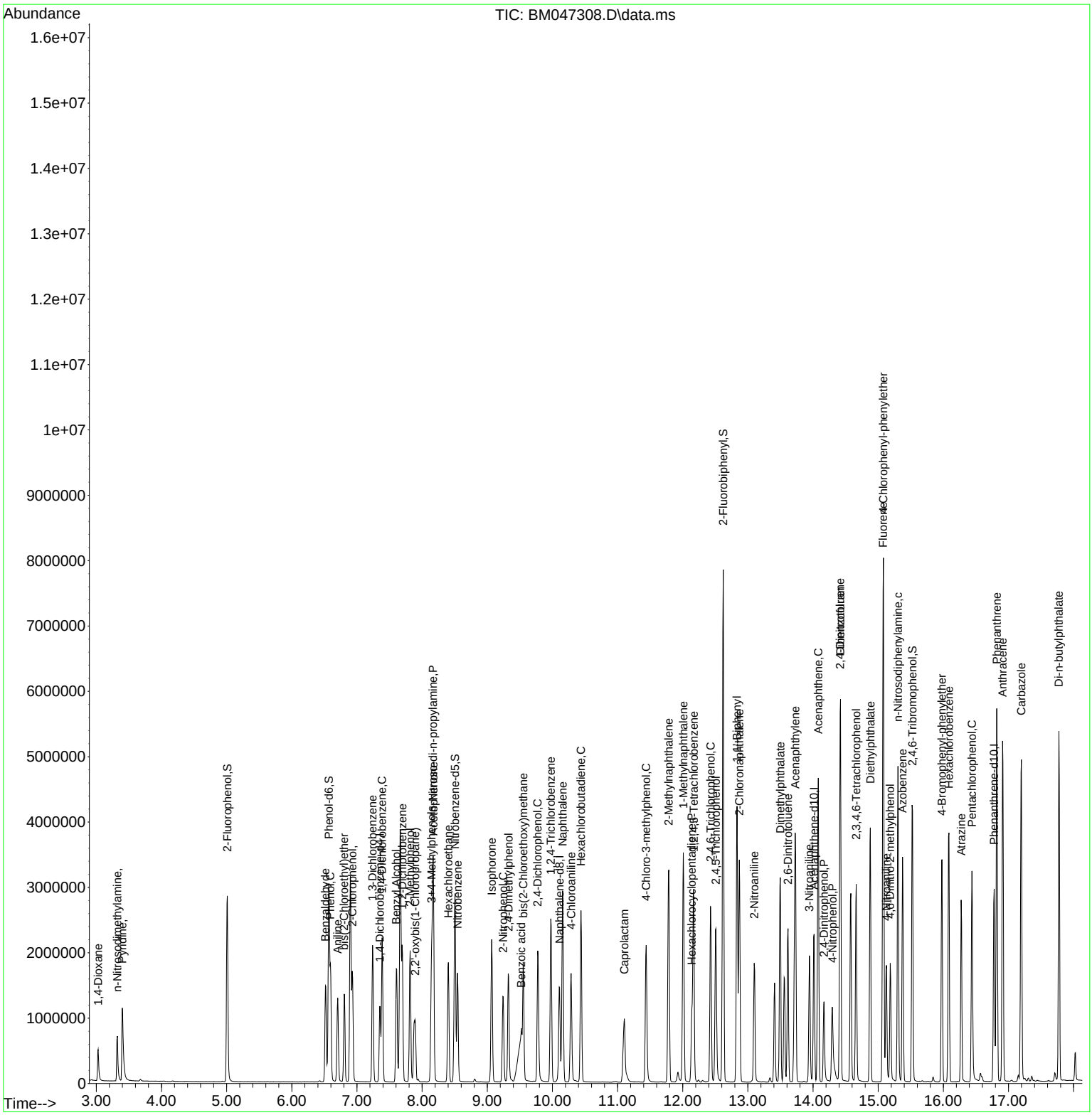

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