Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047428.D
Acq On : 03 Sep 2024 16:43
Operator : RC/JU
Sample : P3813-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
TR-04-083024MSD

Quant Time: Sep 03 17:20:48 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 | 7.340 | 152 | 246733 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.098 | 136 | 926995 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.010 | 164 | 574254 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.774 | 188 | 1028165 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.021 | 240 | 804689 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.727 | 264 | 1000348 | 20.000 | ng | 0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.010 | 112 | 1619460 | 125.927 | ng | 0.00 |
| 7) Phenol-d6 | 6.575 | 99 | 2091548 | 119.386 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.498 | 82 | 1389642 | 83.178 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.527 | 330 | 826456 | 119.287 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.610 | 172 | 3314177 | 88.676 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.445 | 244 | 3704259 | 81.937 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.011 | 88 | 210235 | 39.939 | ng | 99 |
| 3) Pyridine | 3.387 | 79 | 572018 | 39.154 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.310 | 42 | 270205 | 45.412 | ng | 100 |
| 6) Aniline | 6.699 | 93 | 512804 | 32.318 | ng | 99 |
| 8) 2-Chlorophenol | 6.928 | 128 | 770158 | 53.504 | ng | 97 |
| 9) Benzaldehyde | 6.510 | 77 | 207269 | 19.181 | ng | 99 |
| 10) Phenol | 6.598 | 94 | 867692 | 50.341 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.793 | 93 | 719664 | 48.180 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.228 | 146 | 880235 | 50.008 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.375 | 146 | 895168 | 50.216 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.687 | 146 | 860481 | 50.936 | ng | 99 |
| 15) Benzyl Alcohol | 7.604 | 79 | 658789 | 54.240 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.863 | 45 | 865301 | 48.314 | ng | 98 |
| 17) 2-Methylphenol | 7.816 | 107 | 613140 | 51.200 | ng | 99 |
| 18) Hexachloroethane | 8.387 | 117 | 315679 | 47.372 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.157 | 70 | 519558 | 43.143 | ng | 97 |
| 20) 3+4-Methylphenols | 8.145 | 107 | 813767 | 48.874 | ng | 96 |
| 22) Acetophenone | 8.169 | 105 | 1041208 | 48.397 | ng | 100 |
| 24) Nitrobenzene | 8.540 | 77 | 820603 | 47.757 | ng | 97 |
| 25) Isophorone | 9.063 | 82 | 1504648 | 47.651 | ng | 98 |
| 26) 2-Nitrophenol | 9.239 | 139 | 452978 | 53.595 | ng | 96 |
| 27) 2,4-Dimethylphenol | 9.322 | 122 | 613843 | 64.343 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.539 | 93 | 938424 | 48.532 | ng | 98 |
| 29) 2,4-Dichlorophenol | 9.781 | 162 | 824971 | 55.745 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 9.969 | 180 | 878574 | 51.398 | ng | 98 |
| 31) Naphthalene | 10.145 | 128 | 2289676 | 50.571 | ng | 99 |
| 32) Benzoic acid | 9.551 | 122 | 501816 | 44.050 | ng | 95 |
| 33) 4-Chloroaniline | 10.287 | 127 | 449220 | 26.684 | ng | 99 |
| 34) Hexachlorobutadiene | 10.422 | 225 | 580725 | 54.398 | ng | 98 |
| 35) Caprolactam | 11.110 | 113 | 239344 | 49.925 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.451 | 107 | 744549 | 49.542 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.775 | 142 | 1645861 | 49.856 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.004 | 142 | 1525523 | 46.724 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.163 | 216 | 985131 | 57.933 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.122 | 237 | 124686 | 23.233 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.428 | 196 | 665617 | 57.100 | ng | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.522 | 196 | 704783 | 54.441 | ng | | 98 |
| 46) 1,1'-Biphenyl | 12.828 | 154 | 2098129 | 52.326 | ng | | 100 |
| 47) 2-Chloronaphthalene | 12.863 | 162 | 1616917 | 51.457 | ng | | 99 |
| 48) 2-Nitroaniline | 13.104 | 65 | 462269 | 52.519 | ng | | 94 |
| 49) Acenaphthylene | 13.727 | 152 | 2560758 | 56.072 | ng | | 99 |
| 50) Dimethylphthalate | 13.486 | 163 | 2046392 | 51.718 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.616 | 165 | 454911 | 49.379 | ng | | 96 |
| 52) Acenaphthene | 14.074 | 154 | 1525477 | 52.618 | ng | | 99 |
| 53) 3-Nitroaniline | 13.951 | 138 | 317056 | 37.296 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.192 | 184 | 120267 | 21.198 | ng | | 91 |
| 55) Dibenzofuran | 14.416 | 168 | 2383874 | 51.050 | ng | | 99 |
| 56) 4-Nitrophenol | 14.322 | 139 | 637589 | 95.949 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.427 | 165 | 578523 | 48.509 | ng | # | 85 |
| 58) Fluorene | 15.074 | 166 | 1851148 | 48.981 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.669 | 232 | 568984 | 53.509 | ng | | 98 |
| 60) Diethylphthalate | 14.869 | 149 | 1938208 | 49.658 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.074 | 204 | 967456 | 50.322 | ng | | 97 |
| 62) 4-Nitroaniline | 15.133 | 138 | 367897 | 46.782 | ng | | 97 |
| 63) Azobenzene | 15.369 | 77 | 1649946 | 48.544 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.204 | 198 | 101262 | 16.046 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.298 | 169 | 1612056 | 57.300 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 15.974 | 248 | 607685 | 56.025 | ng | | 96 |
| 68) Hexachlorobenzene | 16.086 | 284 | 666772 | 53.223 | ng | | 98 |
| 69) Atrazine | 16.274 | 200 | 597200 | 64.942 | ng | | 99 |
| 70) Pentachlorophenol | 16.445 | 266 | 816722 | 100.835 | ng | | 99 |
| 71) Phenanthrene | 16.821 | 178 | 2833355 | 56.744 | ng | | 99 |
| 72) Anthracene | 16.910 | 178 | 2783061 | 57.176 | ng | | 100 |
| 73) Carbazole | 17.198 | 167 | 2405748 | 51.504 | ng | | 100 |
| 74) Di-n-butylphthalate | 17.768 | 149 | 3007028 | 52.868 | ng | | 100 |
| 75) Fluoranthene | 18.857 | 202 | 3359959 | 57.308 | ng | | 99 |
| 77) Benzidine | 19.068 | 184 | 1895250 | 141.098 | ng | | 99 |
| 78) Pyrene | 19.227 | 202 | 3475545 | 56.314 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.156 | 149 | 1192933 | 49.394 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.009 | 228 | 3056897 | 58.253 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 20.945 | 252 | 996392 | 56.445 | ng | | 98 |
| 83) Chrysene | 21.062 | 228 | 2889531 | 58.536 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 20.951 | 149 | 1636320 | 47.937 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 21.980 | 149 | 2981200 | 51.889 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 26.762 | 276 | 3924742 | 62.674 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 22.886 | 252 | 3350683 | 57.412 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 22.945 | 252 | 3009422 | 54.395 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.609 | 252 | 3187851 | 63.162 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.797 | 278 | 2962448 | 58.395 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 27.697 | 276 | 3118793 | 59.135 | ng | | 98 |

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

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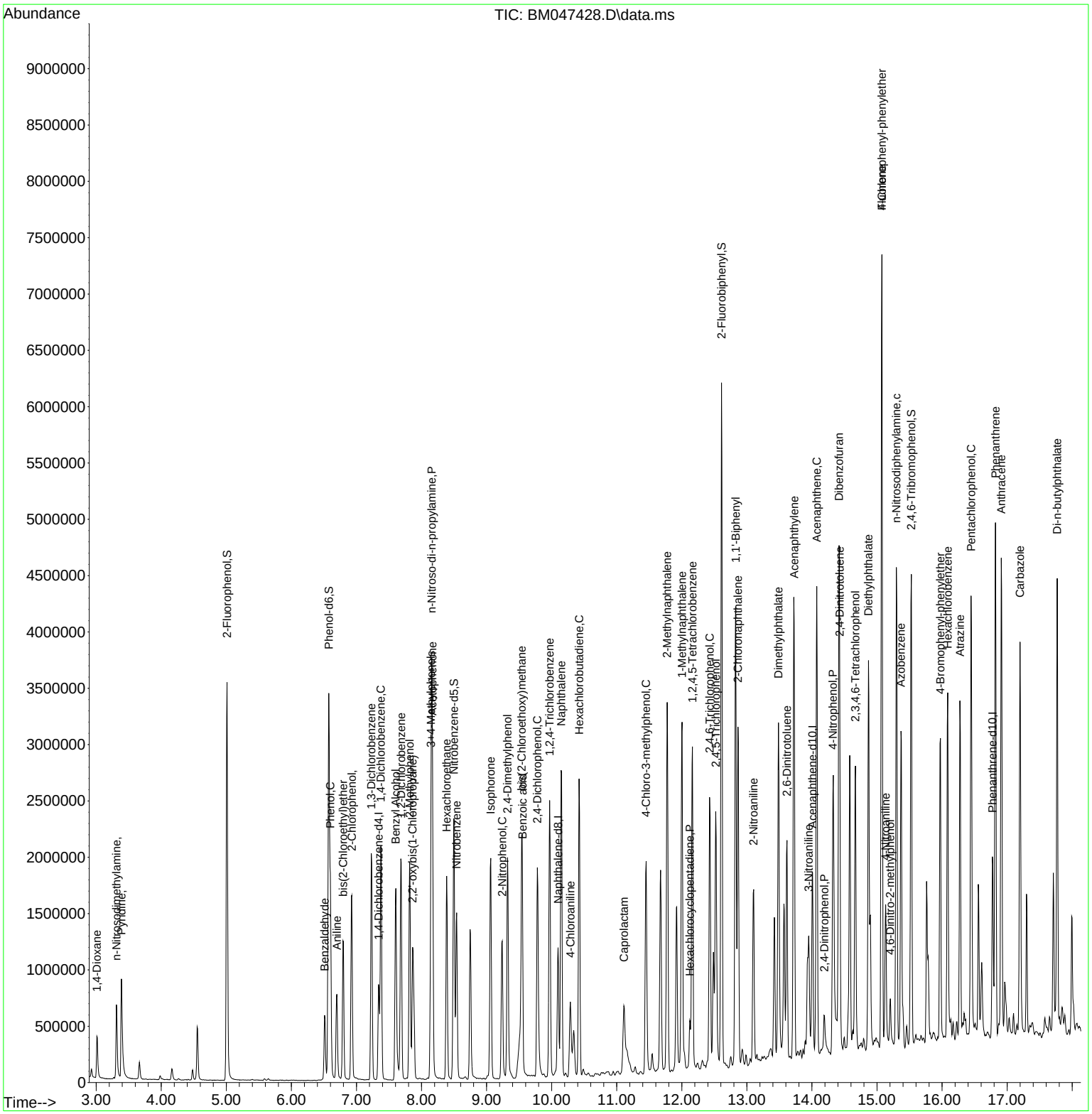

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