Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061121\
Data File : BG048909.D
Acq On : 11 Jun 2021 13:54
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**
mohammad
6/14/2021 5:48:01 PM

Quant Time: Jun 11 14:29:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 13:47:28 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.129 | 152 | 40709 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.949 | 136 | 162122 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 14.769 | 164 | 118208 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.518 | 188 | 266738 | 20.000 | ng | # 0.00 |
| 76) Chrysene-d12 | 21.819 | 240 | 251389 | 20.000 | ng | # 0.00 |
| 86) Perylene-d12 | 25.150 | 264 | 264872 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.667 | 112 | 310973 | 127.762 | ng | 0.00 |
| 7) Phenol-d6 | 7.266 | 99 | 466459 | 135.486 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.298 | 82 | 468070 | 129.258 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.255 | 330 | 219023 | 138.192 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.394 | 172 | 976559 | 119.304 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.127 | 244 | 1588942 | 108.786 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.546 | 88 | 74295 | 77.903 | ng | # 81 |
| 3) Pyridine | 3.958 | 79 | 212672m | 85.552 | ng | |
| 4) n-Nitrosodimethylamine | 3.870 | 42 | 108995 | 57.429 | ng | # 70 |
| 6) Aniline | 7.448 | 93 | 293427 | 75.936 | ng | # 91 |
| 8) 2-Chlorophenol | 7.689 | 128 | 169213 | 65.532 | ng | 85 |
| 9) Benzaldehyde | 7.260 | 77 | 115661 | 50.700 | ng | 92 |
| 10) Phenol | 7.295 | 94 | 238456 | 70.437 | ng | 92 |
| 11) bis(2-Chloroethyl)ether | 7.542 | 93 | 174832 | 76.628 | ng | 83 |
| 12) 1,3-Dichlorobenzene | 8.018 | 146 | 186487 | 62.814 | ng | 95 |
| 13) 1,4-Dichlorobenzene | 8.165 | 146 | 187486 | 61.969 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 8.482 | 146 | 182476 | 65.367 | ng | 94 |
| 15) Benzyl Alcohol | 8.364 | 79 | 216098 | 71.231 | ng | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.652 | 45 | 338193 | 136.739 | ng | 80 |
| 17) 2-Methylphenol | 8.558 | 107 | 156094 | 72.223 | ng | 96 |
| 18) Hexachloroethane | 9.222 | 117 | 79114 | 66.572 | ng | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.940 | 70 | 181255 | 78.034 | ng | # 95 |
| 20) 3+4-Methylphenols | 8.893 | 107 | 219600 | 73.642 | ng | 98 |
| 22) Acetophenone | 8.958 | 105 | 295821 | 70.104 | ng | # 98 |
| 24) Nitrobenzene | 9.340 | 77 | 260815 | 72.208 | ng | 98 |
| 25) Isophorone | 9.874 | 82 | 490116 | 76.538 | ng | # 97 |
| 26) 2-Nitrophenol | 10.051 | 139 | 94635 | 60.533 | ng | 90 |
| 27) 2,4-Dimethylphenol | 10.103 | 122 | 157728 | 65.628 | ng | 94 |
| 28) bis(2-Chloroethoxy)met... | 10.350 | 93 | 227841 | 81.666 | ng | 93 |
| 29) 2,4-Dichlorophenol | 10.585 | 162 | 178379 | 65.812 | ng | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.808 | 180 | 200211 | 63.699 | ng | 99 |
| 31) Naphthalene | 11.002 | 128 | 572858 | 68.863 | ng | 99 |
| 32) Benzoic acid | 10.250 | 122 | 119786 | 85.067 | ng | 82 |
| 33) 4-Chloroaniline | 11.102 | 127 | 247978 | 71.640 | ng | 97 |
| 34) Hexachlorobutadiene | 11.290 | 225 | 142368 | 61.016 | ng | 92 |
| 35) Caprolactam | 11.901 | 113 | 51467 | 55.880 | ng | # 42 |
| 36) 4-Chloro-3-methylphenol | 12.213 | 107 | 220018 | 71.675 | ng | # 89 |
| 37) 2-Methylnaphthalene | 12.600 | 142 | 435248 | 65.473 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.824 | 142 | 409295 | 66.174 | ng | 93 |
| 40) 1,2,4,5-Tetrachloroben... | 12.965 | 216 | 224001 | 58.220 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 12.947 | 237 | 149865 | 83.317 | ng | 90 |
| 43) 2,4,6-Trichlorophenol | 13.200 | 196 | 153877 | 59.925 | ng | 94 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.270 | 196 | 158298 | 58.052 | ng | | 91 |
| 46) 1,1'-Biphenyl | 13.605 | 154 | 521820 | 59.763 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.646 | 162 | 414520 | 62.149 | ng | | 98 |
| 48) 2-Nitroaniline | 13.840 | 65 | 164318 | 68.560 | ng | | 95 |
| 49) Acenaphthylene | 14.492 | 152 | 688940 | 66.208 | ng | | 97 |
| 50) Dimethylphthalate | 14.222 | 163 | 549348 | 61.954 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.334 | 165 | 122709 | 59.985 | ng | | 96 |
| 52) Acenaphthene | 14.833 | 154 | 457463 | 69.230 | ng | | 94 |
| 53) 3-Nitroaniline | 14.669 | 138 | 123551 | 62.912 | ng | | 82 |
| 54) 2,4-Dinitrophenol | 14.868 | 184 | 61170 | 57.350 | ng | # | 83 |
| 55) Dibenzofuran | 15.168 | 168 | 694957 | 63.533 | ng | | 98 |
| 56) 4-Nitrophenol | 14.957 | 139 | 103524 | 71.153 | ng | # | 88 |
| 58) Fluorene | 15.820 | 166 | 558422 | 62.161 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.385 | 232 | 164307 | 65.123 | ng | | 100 |
| 60) Diethylphthalate | 15.585 | 149 | 593340 | 64.682 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.808 | 204 | 301894 | 61.109 | ng | | 93 |
| 62) 4-Nitroaniline | 15.832 | 138 | 126760 | 60.372 | ng | # | 80 |
| 63) Azobenzene | 16.102 | 77 | 671826 | 72.725 | ng | | 87 |
| 66) n-Nitrosodiphenylamine | 16.020 | 169 | 499688 | 66.280 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.707 | 248 | 204467 | 66.601 | ng | | 97 |
| 68) Hexachlorobenzene | 16.819 | 284 | 220320 | 70.851 | ng | | 97 |
| 69) Atrazine | 16.972 | 200 | 156743 | 49.998 | ng | | 97 |
| 70) Pentachlorophenol | 17.160 | 266 | 141111 | 85.158 | ng | | 98 |
| 71) Phenanthrene | 17.565 | 178 | 894931 | 64.643 | ng | | 97 |
| 72) Anthracene | 17.653 | 178 | 885800 | 64.662 | ng | | 97 |
| 73) Carbazole | 17.918 | 167 | 853900 | 65.075 | ng | | 97 |
| 74) Di-n-butylphthalate | 18.482 | 149 | 966428 | 65.697 | ng | | 98 |
| 75) Fluoranthene | 19.569 | 202 | 1054492 | 60.229 | ng | | 98 |
| 77) Benzidine | 19.745 | 184 | 313526 | 45.926 | ng | | 98 |
| 78) Pyrene | 19.933 | 202 | 1066096 | 61.297 | ng | | 96 |
| 80) Butylbenzylphthalate | 20.820 | 149 | 421917 | 62.038 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.796 | 228 | 1066044 | 62.056 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.707 | 252 | 362851 | 61.594 | ng | | 98 |
| 83) Chrysene | 21.866 | 228 | 1033096 | 63.133 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 21.707 | 149 | 589467 | 61.912 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.977 | 149 | 1007713 | 62.172 | ng | # | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 28.999 | 276 | 1219851 | 62.706 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 24.099 | 252 | 1131125 | 62.948 | ng | # | 95 |
| 89) Benzo(k)fluoranthene | 24.169 | 252 | 1053307 | 62.332 | ng | # | 97 |
| 90) Benzo(a)pyrene | 25.004 | 252 | 1022747 | 61.782 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 29.075 | 278 | 1027394 | 61.576 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 30.209 | 276 | 1026432 | 62.314 | ng | # | 95 |

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

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