Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047271.D
Acq On : 10 Nov 2020 16:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040

Quant Time: Nov 10 17:33:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.009 | 152 | 47266 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.818 | 136 | 183643 | 20.00 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.643 | 164 | 133201 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.387 | 188 | 312840 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.652 | 240 | 314943 | 20.00 | ng | # | 0.00 |
| 86) Perylene-d12 | 24.842 | 264 | 327985 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.565 | 112 | 235418 | 80.73 | ng | | 0.00 |
| 7) Phenol-d6 | 7.163 | 99 | 350589 | 83.06 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.173 | 82 | 348710 | 81.49 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.129 | 330 | 189750 | 85.07 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.268 | 172 | 849430 | 81.79 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.995 | 244 | 1507794 | 84.19 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.438 | 88 | 52710 | 36.50 | ng | # | 92 |
| 3) Pyridine | 3.838 | 79 | 151007 | 39.10 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.750 | 42 | 78948 | 40.76 | ng | # | 62 |
| 6) Aniline | 7.328 | 93 | 201598 | 40.46 | ng | | 94 |
| 8) 2-Chlorophenol | 7.569 | 128 | 125963 | 40.69 | ng | | 91 |
| 9) Benzaldehyde | 7.140 | 77 | 113341 | 39.92 | ng | | 82 |
| 10) Phenol | 7.193 | 94 | 162683 | 40.63 | ng | | 74 |
| 11) bis(2-Chloroethyl)ether | 7.422 | 93 | 127354 | 40.10 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 7.898 | 146 | 159993 | 39.71 | ng | # | 90 |
| 13) 1,4-Dichlorobenzene | 8.045 | 146 | 160999 | 39.79 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.362 | 146 | 152937 | 39.85 | ng | | 98 |
| 15) Benzyl Alcohol | 8.244 | 79 | 140565 | 43.33 | ng | | 90 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.538 | 45 | 196301 | 40.04 | ng | | 98 |
| 17) 2-Methylphenol | 8.444 | 107 | 111144 | 41.01 | ng | # | 85 |
| 18) Hexachloroethane | 9.096 | 117 | 62019 | 41.86 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.808 | 70 | 114645 | 41.33 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.773 | 107 | 156836 | 43.21 | ng | | 89 |
| 22) Acetophenone | 8.826 | 105 | 213391 | 40.30 | ng | | 91 |
| 24) Nitrobenzene | 9.214 | 77 | 177608 | 40.79 | ng | # | 85 |
| 25) Isophorone | 9.737 | 82 | 299051 | 40.79 | ng | # | 95 |
| 26) 2-Nitrophenol | 9.925 | 139 | 79756 | 42.47 | ng | # | 78 |
| 27) 2,4-Dimethylphenol | 9.978 | 122 | 105527 | 41.85 | ng | | 89 |
| 28) bis(2-Chloroethoxy)met... | 10.218 | 93 | 183189 | 41.28 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.465 | 162 | 147130 | 42.23 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.677 | 180 | 173173 | 40.32 | ng | | 98 |
| 31) Naphthalene | 10.871 | 128 | 423854 | 40.31 | ng | | 99 |
| 32) Benzoic acid | 10.119 | 122 | 88790 | 40.71 | ng | # | 82 |
| 33) 4-Chloroaniline | 10.970 | 127 | 180839 | 40.89 | ng | # | 92 |
| 34) Hexachlorobutadiene | 11.153 | 225 | 132646 | 40.82 | ng | | 97 |
| 35) Caprolactam | 11.740 | 113 | 48841 | 42.90 | ng | # | 91 |
| 36) 4-Chloro-3-methylphenol | 12.093 | 107 | 156106 | 43.96 | ng | | 94 |
| 37) 2-Methylnaphthalene | 12.475 | 142 | 332255 | 42.05 | ng | # | 95 |
| 38) 1-Methylnaphthalene | 12.692 | 142 | 308253 | 41.05 | ng | # | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.839 | 216 | 216617 | 41.19 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 12.815 | 237 | 104598 | 38.37 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 13.074 | 196 | 145704 | 42.62 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.150 | 196 | 148236 | 42.70 | ng | # | 96 |
| 46) 1,1'-Biphenyl | 13.479 | 154 | 443299 | 40.65 | ng | | 94 |
| 47) 2-Chloronaphthalene | 13.520 | 162 | 363591 | 40.87 | ng | | 97 |
| 48) 2-Nitroaniline | 13.720 | 65 | 122727 | 41.63 | ng | # | 82 |
| 49) Acenaphthylene | 14.367 | 152 | 530435 | 40.77 | ng | | 99 |
| 50) Dimethylphthalate | 14.096 | 163 | 476465 | 40.50 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.214 | 165 | 102986 | 42.21 | ng | # | 73 |
| 52) Acenaphthene | 14.707 | 154 | 346942 | 41.71 | ng | | 94 |
| 53) 3-Nitroaniline | 14.543 | 138 | 103415 | 42.58 | ng | # | 84 |
| 54) 2,4-Dinitrophenol | 14.754 | 184 | 64889 | 41.46 | ng | # | 83 |
| 55) Dibenzofuran | 15.042 | 168 | 556819 | 40.72 | ng | | 98 |
| 56) 4-Nitrophenol | 14.848 | 139 | 81378 | 43.26 | ng | # | 71 |
| 57) 2,4-Dinitrotoluene | 15.001 | 165 | 148362 | 41.65 | ng | # | 80 |
| 58) Fluorene | 15.688 | 166 | 452639 | 41.18 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.265 | 232 | 155497 | 42.66 | ng | # | 96 |
| 60) Diethylphthalate | 15.453 | 149 | 474170 | 40.81 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.683 | 204 | 269373 | 41.38 | ng | | 98 |
| 62) 4-Nitroaniline | 15.706 | 138 | 108422 | 41.57 | ng | # | 65 |
| 63) Azobenzene | 15.971 | 77 | 422543 | 40.57 | ng | | 88 |
| 65) 4,6-Dinitro-2-methylph... | 15.765 | 198 | 89235 | 41.03 | ng | | 86 |
| 66) n-Nitrosodiphenylamine | 15.894 | 169 | 402943 | 41.87 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.576 | 248 | 186867 | 42.77 | ng | | 97 |
| 68) Hexachlorobenzene | 16.693 | 284 | 202974 | 42.75 | ng | | 97 |
| 69) Atrazine | 16.840 | 200 | 171710 | 41.72 | ng | | 97 |
| 70) Pentachlorophenol | 17.040 | 266 | 114489 | 44.26 | ng | | 98 |
| 71) Phenanthrene | 17.433 | 178 | 756306 | 41.66 | ng | | 99 |
| 72) Anthracene | 17.522 | 178 | 724700 | 41.09 | ng | | 99 |
| 73) Carbazole | 17.792 | 167 | 637075 | 40.92 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.344 | 149 | 791695 | 41.58 | ng | # | 98 |
| 75) Fluoranthene | 19.437 | 202 | 929649 | 40.20 | ng | | 96 |
| 77) Benzidine | 19.619 | 184 | 417003 | 39.48 | ng | | 98 |
| 78) Pyrene | 19.801 | 202 | 930253 | 42.41 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.683 | 149 | 354425 | 42.84 | ng | | 94 |
| 81) Benzo(a)anthracene | 21.629 | 228 | 924093 | 41.39 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.546 | 252 | 329108 | 42.60 | ng | # | 97 |
| 83) Chrysene | 21.699 | 228 | 881495 | 41.02 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.529 | 149 | 492058 | 42.52 | ng | | 95 |
| 85) Di-n-octyl phthalate | 22.733 | 149 | 828986 | 42.62 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 28.485 | 276 | 1033217 | 41.50 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 23.832 | 252 | 962096 | 42.97 | ng | # | 96 |
| 89) Benzo(k)fluoranthene | 23.897 | 252 | 892218 | 40.79 | ng | # | 96 |
| 90) Benzo(a)pyrene | 24.690 | 252 | 878263 | 42.03 | ng | # | 96 |
| 91) Dibenzo(a,h)anthracene | 28.544 | 278 | 837564 | 41.33 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 29.625 | 276 | 830625 | 41.34 | ng | # | 93 |

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

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