Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
Data File : BG046449.D
Acq On : 25 Aug 2020 15:28
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC050

Quant Time: Aug 25 16:23:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 15:31:23 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.94 | 152 | 80187 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.73 | 136 | 310027 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.57 | 164 | 213013 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.31 | 188 | 519242 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.56 | 240 | 515409 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 24.66 | 264 | 526581 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 425476 | 92.24 | ng | 0.00 |
| 7) Phenol-d6 | 7.11 | 99 | 591511 | 94.09 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.09 | 82 | 512570 | 89.51 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.06 | 330 | 275014 | 84.05 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.19 | 172 | 1276568 | 87.05 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.92 | 244 | 2130384 | 84.18 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.43 | 88 | 85638 | 40.789 | ng | 98 |
| 3) Pyridine | 3.81 | 79 | 262223 | 45.369 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.73 | 42 | 100287 | 40.769 | ng | 97 |
| 6) Aniline | 7.26 | 93 | 335175 | 44.789 | ng | 99 |
| 8) 2-Chlorophenol | 7.50 | 128 | 220705 | 43.289 | ng | 99 |
| 9) Benzaldehyde | 7.07 | 77 | 159773 | 42.830 | ng | 97 |
| 10) Phenol | 7.13 | 94 | 272453 | 43.134 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.36 | 93 | 221405 | 44.068 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.83 | 146 | 279081 | 45.160 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.97 | 146 | 281219 | 45.318 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 8.29 | 146 | 265848 | 45.425 | ng | 99 |
| 15) Benzyl Alcohol | 8.17 | 79 | 198171 | 45.629 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.47 | 45 | 343184 | 41.664 | ng | 99 |
| 17) 2-Methylphenol | 8.38 | 107 | 193028 | 45.266 | ng | 99 |
| 18) Hexachloroethane | 9.02 | 117 | 95787 | 46.154 | ng | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.74 | 70 | 179613 | 43.900 | ng | 99 |
| 20) 3+4-Methylphenols | 8.71 | 107 | 270916 | 46.416 | ng | 98 |
| 22) Acetophenone | 8.75 | 105 | 354788 | 44.591 | ng | 99 |
| 24) Nitrobenzene | 9.13 | 77 | 250684 | 41.062 | ng | 98 |
| 25) Isophorone | 9.66 | 82 | 469329 | 41.191 | ng | 99 |
| 26) 2-Nitrophenol | 9.84 | 139 | 137357 | 49.643 | ng | 94 |
| 27) 2,4-Dimethylphenol | 9.91 | 122 | 185159 | 41.132 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 10.14 | 93 | 305117 | 49.249 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.38 | 162 | 246159 | 46.486 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.60 | 180 | 286810 | 46.235 | ng | 98 |
| 31) Naphthalene | 10.78 | 128 | 700127 | 42.680 | ng | 99 |
| 32) Benzoic acid | 10.06 | 122 | 143639 | 51.997 | ng | 96 |
| 33) 4-Chloroaniline | 10.89 | 127 | 320758 | 47.850 | ng | 98 |
| 34) Hexachlorobutadiene | 11.08 | 225 | 188453 | 45.636 | ng | 100 |
| 35) Caprolactam | 11.66 | 113 | 91363 | 52.713 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 12.02 | 107 | 241453 | 46.464 | ng | 97 |
| 37) 2-Methylnaphthalene | 12.39 | 142 | 551959 | 43.729 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.61 | 142 | 524190 | 43.886 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 330444 | 43.055 | ng | 100 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.74 | 237 | 164588 | 37.387 ng | 100 |
| 43) 2,4,6-Trichlorophenol | 13.00 | 196 | 232307 | 47.443 ng | 98 |
| 44) 2,4,5-Trichlorophenol | 13.08 | 196 | 240119 | 44.944 ng | 99 |
| 46) 1,1'-Biphenyl | 13.40 | 154 | 701570 | 41.985 ng | 100 |
| 47) 2-Chloronaphthalene | 13.44 | 162 | 589959 | 44.261 ng | 100 |
| 48) 2-Nitroaniline | 13.64 | 65 | 172842 | 49.470 ng | 98 |
| 49) Acenaphthylene | 14.29 | 152 | 897952 | 43.384 ng | 100 |
| 50) Dimethylphthalate | 14.02 | 163 | 770393 | 47.121 ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.14 | 165 | 173868 | 45.695 ng | 98 |
| 52) Acenaphthene | 14.63 | 154 | 556838 | 40.764 ng | 99 |
| 53) 3-Nitroaniline | 14.47 | 138 | 191418 | 50.745 ng | 99 |
| 54) 2,4-Dinitrophenol | 14.68 | 184 | 111598 | 55.931 ng | 98 |
| 55) Dibenzofuran | 14.96 | 168 | 880372 | 42.711 ng | 100 |
| 56) 4-Nitrophenol | 14.78 | 139 | 148381 | 45.307 ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.93 | 165 | 250251 | 47.836 ng | 99 |
| 58) Fluorene | 15.62 | 166 | 732169 | 43.862 ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.19 | 232 | 234889 | 46.676 ng | 98 |
| 60) Diethylphthalate | 15.39 | 149 | 746123 | 46.392 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.61 | 204 | 409054 | 46.919 ng | 98 |
| 62) 4-Nitroaniline | 15.63 | 138 | 201862 | 53.209 ng | 99 |
| 63) Azobenzene | 15.90 | 77 | 609837 | 40.460 ng | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.69 | 198 | 152533 | 44.418 ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.82 | 169 | 660905 | 42.049 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.50 | 248 | 287813 | 44.867 ng | 98 |
| 68) Hexachlorobenzene | 16.63 | 284 | 315284 | 43.832 ng | 98 |
| 69) Atrazine | 16.77 | 200 | 265483 | 43.865 ng | 99 |
| 70) Pentachlorophenol | 16.97 | 266 | 185922 | 39.836 ng | 99 |
| 71) Phenanthrene | 17.35 | 178 | 1216279 | 42.762 ng | 99 |
| 72) Anthracene | 17.44 | 178 | 1189515 | 42.045 ng | 98 |
| 73) Carbazole | 17.71 | 167 | 1135605 | 41.627 ng | 99 |
| 74) Di-n-butylphthalate | 18.28 | 149 | 1292824 | 45.337 ng | 99 |
| 75) Fluoranthene | 19.36 | 202 | 1520623 | 42.822 ng | 98 |
| 77) Benzidine | 19.54 | 184 | 581007 | 39.797 ng | 98 |
| 78) Pyrene | 19.72 | 202 | 1525099 | 44.039 ng | 99 |
| 80) Butylbenzylphthalate | 20.61 | 149 | 614126 | 48.955 ng | 97 |
| 81) Benzo(a)anthracene | 21.54 | 228 | 1477475 | 42.836 ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.46 | 252 | 569320 | 39.749 ng | 98 |
| 83) Chrysene | 21.60 | 228 | 1418241 | 41.975 ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.46 | 149 | 823134 | 45.896 ng | 99 |
| 85) Di-n-octyl phthalate | 22.63 | 149 | 1428722 | 47.049 ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.19 | 276 | 1786289 | 44.479 ng | 100 |
| 88) Benzo(b)fluoranthene | 23.68 | 252 | 1551749 | 43.975 ng | 97 |
| 89) Benzo(k)fluoranthene | 23.75 | 252 | 1460959 | 42.211 ng | 98 |
| 90) Benzo(a)pyrene | 24.52 | 252 | 1445615 | 44.026 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.25 | 278 | 1437786 | 42.826 ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.30 | 276 | 1445394 | 42.630 ng | 99 |

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

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