Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037412.D
Acq On : 18 Oct 2018 9:53
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
10/19/2018 3:57:41 PM

Quant Time: Oct 18 12:33:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 12:15:58 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.11 | 152 | 53095 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.93 | 136 | 247750 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.74 | 164 | 169944 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.49 | 188 | 406851 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.77 | 240 | 381994 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.11 | 264 | 390137 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 63947 | 21.20 | ng | | 0.00 |
| 7) Phenol-d6 | 7.24 | 99 | 97821 | 21.36 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.28 | 82 | 88054 | 23.37 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.23 | 330 | 36286 | 21.77 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.36 | 172 | 237781 | 21.01 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.09 | 244 | 393946 | 21.65 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.53 | 88 | 16996 | 10.031 | ng | | 92 |
| 3) Pyridine | 3.94 | 79 | 39320 | 9.774 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.86 | 42 | 14118 | 9.037 | ng | # | 82 |
| 6) Aniline | 7.43 | 93 | 58651 | 9.784 | ng | | 96 |
| 8) 2-Chlorophenol | 7.67 | 128 | 38520 | 10.909 | ng | | 98 |
| 9) Benzaldehyde | 7.25 | 77 | 34290 | 10.876 | ng | | 97 |
| 10) Phenol | 7.27 | 94 | 52049 | 10.792 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.52 | 93 | 39175 | 9.943 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 7.99 | 146 | 42580 | 10.258 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.15 | 146 | 43956 | 10.459 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.46 | 146 | 42393 | 10.410 | ng | | 98 |
| 15) Benzyl Alcohol | 8.34 | 79 | 34373 | 9.596 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63 | 45 | 70404 | 9.039 | ng | | 97 |
| 17) 2-Methylphenol | 8.53 | 107 | 32995 | 10.215 | ng | | 97 |
| 18) Hexachloroethane | 9.19 | 117 | 14337 | 9.995 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.90 | 70 | 31799 | 9.172 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.87 | 107 | 49884 | 11.045 | ng | | 91 |
| 22) Acetophenone | 8.93 | 105 | 63791 | 10.214 | ng | # | 97 |
| 24) Nitrobenzene | 9.33 | 77 | 46833 | 11.603 | ng | | 99 |
| 25) Isophorone | 9.84 | 82 | 78628 | 9.140 | ng | | 97 |
| 26) 2-Nitrophenol | 10.04 | 139 | 17820 | 12.408 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 10.08 | 122 | 37786 | 10.509 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93 | 53556 | 9.951 | ng | | 95 |
| 29) 2,4-Dichlorophenol | 10.57 | 162 | 41179 | 11.282 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.78 | 180 | 44538 | 10.027 | ng | | 95 |
| 31) Naphthalene | 10.98 | 128 | 125404 | 10.415 | ng | | 98 |
| 32) Benzoic acid | 10.14 | 122 | 19869m | 10.007 | ng | | |
| 33) 4-Chloroaniline | 11.09 | 127 | 58959 | 10.439 | ng | | 93 |
| 34) Hexachlorobutadiene | 11.25 | 225 | 25815 | 9.359 | ng | | 95 |
| 35) Caprolactam | 11.85 | 113 | 16706 | 11.227 | ng | | 88 |
| 36) 4-Chloro-3-methylphenol | 12.18 | 107 | 47045 | 10.913 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.58 | 142 | 89855 | 10.226 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.79 | 142 | 89490 | 10.428 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 54371 | 9.879 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.91 | 237 | 21707 | 9.568 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.17 | 196 | 36059 | 11.294 | ng | | 94 |
| 44) 2,4,5-Trichlorophenol | 13.24 | 196 | 39049 | 11.368 | ng | | 95 |
| 46) 1,1'-Biphenyl | 13.58 | 154 | 144077 | 10.306 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.62 | 162 | 107844 | 10.213 | ng | | 99 |
| 48) 2-Nitroaniline | 13.83 | 65 | 31083 | 12.181 | ng | | 95 |
| 49) Acenaphthylene | 14.47 | 152 | 166694 | 10.319 | ng | | 98 |
| 50) Dimethylphthalate | 14.19 | 163 | 133827 | 10.020 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.32 | 165 | 28951 | 12.011 | ng | | 95 |
| 52) Acenaphthene | 14.80 | 154 | 101224 | 10.145 | ng | | 98 |
| 53) 3-Nitroaniline | 14.65 | 138 | 30775 | 11.013 | ng | # | 97 |
| 54) 2,4-Dinitrophenol | 14.85 | 184 | 2719 | 4.069 | ng | # | 81 |
| 55) Dibenzofuran | 15.14 | 168 | 171710 | 10.606 | ng | | 97 |
| 56) 4-Nitrophenol | 14.93 | 139 | 18490 | 8.489 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 15.10 | 165 | 34837 | 11.504 | ng | # | 96 |
| 58) Fluorene | 15.78 | 166 | 129641 | 10.587 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.36 | 232 | 33793 | 11.111 | ng | # | 98 |
| 60) Diethylphthalate | 15.54 | 149 | 138157 | 9.982 | ng | | 97 |
| 61) 4-Chlorophenyl-phenylether | 15.77 | 204 | 73405 | 10.256 | ng | | 95 |
| 62) 4-Nitroaniline | 15.81 | 138 | 31208 | 10.641 | ng | | 91 |
| 63) Azobenzene | 16.07 | 77 | 136580 | 10.292 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198 | 11005 | 9.707 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 15.99 | 169 | 125830 | 10.532 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.67 | 248 | 44320 | 10.094 | ng | | 94 |
| 68) Hexachlorobenzene | 16.78 | 284 | 46713 | 10.261 | ng | | 99 |
| 69) Atrazine | 16.93 | 200 | 45711 | 10.294 | ng | | 99 |
| 70) Pentachlorophenol | 17.12 | 266 | 23758 | 8.089 | ng | | 99 |
| 71) Phenanthrene | 17.53 | 178 | 219739 | 10.610 | ng | | 98 |
| 72) Anthracene | 17.62 | 178 | 217656 | 10.737 | ng | | 97 |
| 73) Carbazole | 17.89 | 167 | 214850 | 10.287 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.43 | 149 | 237699 | 10.618 | ng | | 98 |
| 75) Fluoranthene | 19.53 | 202 | 251177 | 10.377 | ng | | 98 |
| 77) Benzidine | 19.72 | 184 | 132118 | 9.041 | ng | | 98 |
| 78) Pyrene | 19.90 | 202 | 261276 | 10.495 | ng | | 97 |
| 80) Butylbenzylphthalate | 20.77 | 149 | 97982 | 10.116 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.75 | 228 | 232486 | 10.162 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.67 | 252 | 87188 | 9.879 | ng | | 97 |
| 83) Chrysene | 21.82 | 228 | 223031 | 10.220 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149 | 137184 | 9.863 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.88 | 149 | 222064 | 9.836 | ng | | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 28.92 | 276 | 224329m | 9.274 | ng | | |
| 88) Benzo(b)fluoranthene | 24.04 | 252 | 213172 | 10.050 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 24.10 | 252 | 212000 | 10.129 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.95 | 252 | 202538 | 9.958 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 29.00 | 278 | 179357 | 9.216 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 30.13 | 276 | 182391 | 9.384 | ng | | 96 |

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

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