Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044357.D
Acq On : 10 Feb 2020 15:24
Operator : CG/JU
Sample : PB126601BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Manual Integrations APPROVED
mohammad
2/12/2020 9:49:30 AM

Quant Time: Feb 10 16:20:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.91 | 152 | 64763 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.70 | 136 | 276992 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.55 | 164 | 196309 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.29 | 188 | 472959 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.53 | 240 | 447777 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 24.62 | 264 | 500905 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.48 | 112 | 459766 | 125.29 | ng | 0.00 |
| 7) Phenol-d6 | 7.08 | 99 | 622064 | 126.24 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.06 | 82 | 325894 | 66.42 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.03 | 330 | 284076 | 123.27 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.16 | 172 | 788880 | 67.29 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.90 | 244 | 1458267 | 66.99 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.36 | 88 | 57971 | 35.161 | ng | 99 |
| 3) Pyridine | 3.76 | 79 | 139500 | 31.758 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.67 | 42 | 71911 | 39.177 | ng | 99 |
| 6) Aniline | 7.22 | 93 | 218551 | 35.731 | ng | 98 |
| 8) 2-Chlorophenol | 7.47 | 128 | 184589 | 45.769 | ng | 97 |
| 9) Benzaldehyde | 7.04 | 77 | 81975 | 29.209 | ng | 96 |
| 10) Phenol | 7.10 | 94 | 227961 | 46.744 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.32 | 93 | 170054 | 40.787 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.79 | 146 | 186881 | 38.810 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.94 | 146 | 186535 | 39.112 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.26 | 146 | 178886 | 39.683 | ng | 98 |
| 15) Benzyl Alcohol | 8.14 | 79 | 151622 | 43.461 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.43 | 45 | 216510 | 38.367 | ng | 98 |
| 17) 2-Methylphenol | 8.35 | 107 | 159916 | 45.959 | ng | 98 |
| 18) Hexachloroethane | 8.99 | 117 | 67878 | 37.928 | ng | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.71 | 70 | 133681 | 40.705 | ng | 98 |
| 20) 3+4-Methylphenols | 8.68 | 107 | 219595 | 45.794 | ng | 100 |
| 22) Acetophenone | 8.72 | 105 | 255240 | 37.879 | ng | 99 |
| 24) Nitrobenzene | 9.10 | 77 | 190671 | 39.808 | ng | 97 |
| 25) Isophorone | 9.63 | 82 | 376363 | 41.156 | ng | 99 |
| 26) 2-Nitrophenol | 9.82 | 139 | 105389 | 42.404 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.89 | 122 | 184199 | 52.503 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.11 | 93 | 239503 | 39.260 | ng | 98 |
| 29) 2,4-Dichlorophenol | 10.36 | 162 | 190731 | 44.961 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.57 | 180 | 186283 | 38.296 | ng | 99 |
| 31) Naphthalene | 10.76 | 128 | 552839 | 41.137 | ng | 99 |
| 32) Benzoic acid | 10.03 | 122 | 55426 | 31.075 | ng | 91 |
| 33) 4-Chloroaniline | 10.86 | 127 | 136540 | 22.340 | ng | 98 |
| 34) Hexachlorobutadiene | 11.05 | 225 | 111045 | 37.100 | ng | 99 |
| 35) Caprolactam | 11.63 | 113 | 72871m | 46.893 | ng | |
| 36) 4-Chloro-3-methylphenol | 12.00 | 107 | 201626 | 45.332 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.37 | 142 | 423791 | 42.473 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.58 | 142 | 399271 | 42.443 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.74 | 216 | 208352 | 35.481 | ng | 99 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.72 | 237 | 258555 | 91.762 ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.98 | 196 | 151977 | 40.040 ng | 99 |
| 44) 2,4,5-Trichlorophenol | 13.05 | 196 | 169627 | 43.753 ng | 98 |
| 46) 1,1'-Biphenyl | 13.38 | 154 | 540661 | 38.182 ng | 98 |
| 47) 2-Chloronaphthalene | 13.42 | 162 | 423657 | 37.599 ng | 99 |
| 48) 2-Nitroaniline | 13.62 | 65 | 128503 | 38.643 ng | 99 |
| 49) Acenaphthylene | 14.26 | 152 | 686393 | 41.532 ng | 99 |
| 50) Dimethylphthalate | 14.00 | 163 | 575922 | 40.813 ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.11 | 165 | 130780 | 41.566 ng | 98 |
| 52) Acenaphthene | 14.60 | 154 | 420876 | 39.289 ng | 98 |
| 53) 3-Nitroaniline | 14.44 | 138 | 93038 | 26.728 ng | 98 |
| 54) 2,4-Dinitrophenol | 14.65 | 184 | 153840 | 82.277 ng | 99 |
| 55) Dibenzofuran | 14.94 | 168 | 670581 | 41.346 ng | 98 |
| 56) 4-Nitrophenol | 14.76 | 139 | 257913 | 101.150 ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.90 | 165 | 189092 | 42.880 ng | 99 |
| 58) Fluorene | 15.59 | 166 | 541827 | 42.415 ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.17 | 232 | 157239 | 44.902 ng | 99 |
| 60) Diethylphthalate | 15.37 | 149 | 597088 | 42.465 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.59 | 204 | 279714 | 40.384 ng | 100 |
| 62) 4-Nitroaniline | 15.61 | 138 | 141775 | 40.760 ng | 99 |
| 63) Azobenzene | 15.88 | 77 | 517221 | 41.971 ng | 100 |
| 65) 4,6-Dinitro-2-methylphenol | 15.67 | 198 | 117140 | 44.869 ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.80 | 169 | 517995 | 39.081 ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.48 | 248 | 192922 | 37.440 ng | 99 |
| 68) Hexachlorobenzene | 16.60 | 284 | 210801 | 36.516 ng | 99 |
| 69) Atrazine | 16.75 | 200 | 211402 | 46.534 ng | 100 |
| 70) Pentachlorophenol | 16.95 | 266 | 240442 | 82.271 ng | 95 |
| 71) Phenanthrene | 17.33 | 178 | 934332 | 40.796 ng | 99 |
| 72) Anthracene | 17.42 | 178 | 966751 | 42.696 ng | 98 |
| 73) Carbazole | 17.69 | 167 | 890302 | 42.652 ng | 99 |
| 74) Di-n-butylphthalate | 18.26 | 149 | 1109024 | 42.994 ng | 98 |
| 75) Fluoranthene | 19.34 | 202 | 1164154 | 43.941 ng | 100 |
| 77) Benzidine | 19.52 | 184 | 582849 | 46.927 ng | 99 |
| 78) Pyrene | 19.70 | 202 | 1164695 | 40.502 ng | 99 |
| 80) Butylbenzylphthalate | 20.60 | 149 | 498072 | 38.007 ng | 98 |
| 81) Benzo(a)anthracene | 21.51 | 228 | 1113340 | 40.343 ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.43 | 252 | 312647 | 29.190 ng | 99 |
| 83) Chrysene | 21.58 | 228 | 1060130 | 39.742 ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.44 | 149 | 706890 | 39.190 ng | 100 |
| 85) Di-n-octyl phthalate | 22.60 | 149 | 1238680 | 39.690 ng | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.11 | 276 | 1367636 | 39.298 ng | 100 |
| 88) Benzo(b)fluoranthene | 23.65 | 252 | 1170625 | 40.557 ng | 98 |
| 89) Benzo(k)fluoranthene | 23.71 | 252 | 1164382 | 41.390 ng | 99 |
| 90) Benzo(a)pyrene | 24.47 | 252 | 1090389 | 39.955 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.18 | 278 | 1126946 | 41.726 ng | 98 |
| 92) Benzo(g,h,i)perylene | 29.20 | 276 | 1149217 | 42.505 ng | 100 |

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

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