Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038501.D
Acq On : 12 Dec 2018 13:38
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC080

**Manual Integrations APPROVED**
Sohil
12/13/2018 3:06:49 PM

Quant Time: Dec 12 15:23:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 12:12:47 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.06 | 152 | 28078 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.88 | 136 | 119671 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.70 | 164 | 76776 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.45 | 188 | 181402 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.73 | 240 | 177865 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.02 | 264 | 197435 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 257053 | 162.01 | ng | | 0.00 |
| 7) Phenol-d6 | 7.22 | 99 | 357368 | 155.84 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.24 | 82 | 370670 | 153.78 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.19 | 330 | 170376 | 180.77 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.32 | 172 | 843748 | 156.59 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.05 | 244 | 1218264 | 146.73 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.50 | 88 | 57848 | 79.550 | ng | | 98 |
| 3) Pyridine | 3.90 | 79 | 163534m | 75.170 | ng | | |
| 4) n-Nitrosodimethylamine | 3.82 | 42 | 84623 | 88.801 | ng | # | 93 |
| 6) Aniline | 7.39 | 93 | 223262 | 76.225 | ng | | 98 |
| 8) 2-Chlorophenol | 7.62 | 128 | 146133 | 79.303 | ng | | 98 |
| 10) Phenol | 7.25 | 94 | 189548 | 78.230 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.49 | 93 | 145767 | 73.457 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.95 | 146 | 173461 | 80.542 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 8.10 | 146 | 176745 | 79.317 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.41 | 146 | 164738 | 74.821 | ng | | 97 |
| 15) Benzyl Alcohol | 8.31 | 79 | 146831 | 77.880 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59 | 45 | 329179 | 72.930 | ng | | 99 |
| 17) 2-Methylphenol | 8.50 | 107 | 126313 | 68.682 | ng | | 96 |
| 18) Hexachloroethane | 9.14 | 117 | 65419 | 81.341 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 8.87 | 70 | 125500 | 71.098 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.84 | 107 | 181235 | 74.246 | ng | | 97 |
| 22) Acetophenone | 8.90 | 105 | 233995 | 74.699 | ng | # | 99 |
| 24) Nitrobenzene | 9.29 | 77 | 185101 | 75.585 | ng | | 99 |
| 25) Isophorone | 9.80 | 82 | 403539 | 95.265 | ng | | 99 |
| 26) 2-Nitrophenol | 10.00 | 139 | 104566 | 92.153 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 10.04 | 122 | 139642 | 85.681 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93 | 191873 | 79.014 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.52 | 162 | 163272 | 87.760 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.74 | 180 | 185358 | 84.873 | ng | | 99 |
| 31) Naphthalene | 10.93 | 128 | 458510 | 80.210 | ng | | 98 |
| 32) Benzoic acid | 10.24 | 122 | 101636m | 95.749 | ng | | |
| 33) 4-Chloroaniline | 11.05 | 127 | 208472 | 82.381 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.19 | 225 | 128588 | 94.115 | ng | | 94 |
| 35) Caprolactam | 11.86 | 113 | 60453 | 78.576 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.16 | 107 | 175340 | 84.825 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.53 | 142 | 333611 | 81.950 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.75 | 142 | 318779 | 81.759 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 223501 | 84.600 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.86 | 237 | 133804 | 92.164 | ng | | 95 |

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|---|---|---|---|---|---|---|---|
| 43) 2,4,6-Trichlorophenol | 13.13 | 196 | 145417 | 84.971 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 13.21 | 196 | 155190 | 85.599 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.53 | 154 | 496462 | 76.499 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.59 | 162 | 385827 | 78.786 | ng | | 97 |
| 48) 2-Nitroaniline | 13.80 | 65 | 129043 | 78.543 | ng | | 99 |
| 49) Acenaphthylene | 14.43 | 152 | 569801 | 77.256 | ng | | 97 |
| 50) Dimethylphthalate | 14.16 | 163 | 472790 | 76.775 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.28 | 165 | 110555 | 78.592 | ng | | 98 |
| 52) Acenaphthene | 14.77 | 154 | 344115 | 76.533 | ng | | 99 |
| 53) 3-Nitroaniline | 14.63 | 138 | 115895 | 76.499 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.82 | 184 | 67266 | 87.232 | ng | | 96 |
| 55) Dibenzofuran | 15.10 | 168 | 575915 | 77.477 | ng | | 99 |
| 56) 4-Nitrophenol | 14.92 | 139 | 87815 | 73.377 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 15.07 | 165 | 152473 | 78.588 | ng | | 98 |
| 58) Fluorene | 15.75 | 166 | 424534 | 77.520 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.32 | 232 | 131548 | 83.543 | ng | | 98 |
| 60) Diethylphthalate | 15.51 | 149 | 493438 | 72.326 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204 | 267938 | 81.454 | ng | | 98 |
| 62) 4-Nitroaniline | 15.79 | 138 | 115770 | 77.693 | ng | | 96 |
| 63) Azobenzene | 16.03 | 77 | 435561 | 72.948 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 15.83 | 198 | 107202 | 90.195 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.95 | 169 | 422721 | 82.869 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.63 | 248 | 176523 | 90.111 | ng | | 95 |
| 68) Hexachlorobenzene | 16.74 | 284 | 183564 | 90.847 | ng | | 99 |
| 69) Atrazine | 16.89 | 200 | 135443 | 71.157 | ng | | 97 |
| 70) Pentachlorophenol | 17.09 | 266 | 118637 | 85.722 | ng | | 99 |
| 71) Phenanthrene | 17.49 | 178 | 715546 | 78.765 | ng | | 98 |
| 72) Anthracene | 17.58 | 178 | 707582 | 80.430 | ng | | 100 |
| 73) Carbazole | 17.86 | 167 | 693081 | 79.377 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.39 | 149 | 791535 | 77.597 | ng | | 100 |
| 75) Fluoranthene | 19.50 | 202 | 859457 | 80.975 | ng | | 99 |
| 77) Benzidine | 19.68 | 184 | 378261 | 63.023 | ng | # | 96 |
| 78) Pyrene | 19.86 | 202 | 868409 | 69.781 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.73 | 149 | 373747 | 74.669 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.71 | 228 | 846910 | 77.473 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.63 | 252 | 334484 | 78.655 | ng | | 97 |
| 83) Chrysene | 21.78 | 228 | 812644 | 78.556 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149 | 527607 | 74.368 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.80 | 149 | 886582 | 72.881 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.83 | 276 | 1014429 | 86.285 | ng | # | 90 |
| 88) Benzo(b)fluoranthene | 23.97 | 252 | 869360 | 77.929 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.04 | 252 | 855474 | 76.995 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.87 | 252 | 847406 | 78.312 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.89 | 278 | 842682 | 82.108 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.03 | 276 | 831863 | 81.696 | ng | | 99 |

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

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