Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034080.D
Acq On : 1 May 2018 15:42
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC060

**Manual Integrations APPROVED**
Sohil
5/2/2018 4:50:36 PM

Quant Time: May 01 16:28:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 15:30:49 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.08 | 152 | 66456 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.90 | 136 | 279325 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.72 | 164 | 224287 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.48 | 188 | 573285 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.77 | 240 | 560160 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.06 | 264 | 562759 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 491530 | 118.08 | ng | | 0.00 |
| 7) Phenol-d6 | 7.22 | 99 | 764261 | 125.88 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.24 | 82 | 897489 | 182.85 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.21 | 330 | 363432 | 138.89 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.35 | 172 | 1736115 | 113.71 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.10 | 244 | 2833920 | 113.66 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.56 | 88 | 98902 | 56.230 | ng | | 83 |
| 3) Pyridine | 3.95 | 79 | 318189 | 62.524 | ng | | 86 |
| 4) n-Nitrosodimethylamine | 3.86 | 42 | 179426 | 77.389 | ng | # | 79 |
| 6) Aniline | 7.40 | 93 | 514455 | 63.390 | ng | | 92 |
| 8) 2-Chlorophenol | 7.64 | 128 | 242192 | 51.927 | ng | | 85 |
| 9) Benzaldehyde | 7.21 | 77 | 175055 | 52.875 | ng | | 95 |
| 10) Phenol | 7.25 | 94 | 393780 | 63.313 | ng | # | 76 |
| 11) bis(2-Chloroethyl)ether | 7.50 | 93 | 300835 | 63.241 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.97 | 146 | 301143 | 56.087 | ng | # | 88 |
| 13) 1,4-Dichlorobenzene | 8.12 | 146 | 306825 | 56.421 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.43 | 146 | 280976m | 53.130 | ng | | |
| 15) Benzyl Alcohol | 8.31 | 79 | 423178 | 79.934 | ng | # | 83 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61 | 45 | 407835 | 43.957 | ng | | 82 |
| 17) 2-Methylphenol | 8.51 | 107 | 264729m | 57.437 | ng | | |
| 18) Hexachloroethane | 9.17 | 117 | 127993 | 64.409 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.89 | 70 | 337795 | 65.272 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.85 | 107 | 375962 | 56.138 | ng | # | 76 |
| 22) Acetophenone | 8.90 | 105 | 549543 | 72.285 | ng | # | 94 |
| 24) Nitrobenzene | 9.29 | 77 | 478109 | 89.391 | ng | # | 84 |
| 25) Isophorone | 9.81 | 82 | 865423 | 78.425 | ng | | 95 |
| 26) 2-Nitrophenol | 10.00 | 139 | 144096 | 68.185 | ng | # | 67 |
| 27) 2,4-Dimethylphenol | 10.06 | 122 | 252978 | 63.999 | ng | # | 80 |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93 | 423684 | 72.648 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.53 | 162 | 296804 | 67.356 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.75 | 180 | 360864 | 73.117 | ng | | 99 |
| 31) Naphthalene | 10.94 | 128 | 875974 | 60.984 | ng | | 97 |
| 32) Benzoic acid | 10.21 | 122 | 221758 | 60.715 | ng | # | 80 |
| 33) 4-Chloroaniline | 11.05 | 127 | 399722 | 59.205 | ng | # | 82 |
| 34) Hexachlorobutadiene | 11.24 | 225 | 309575 | 104.852 | ng | | 95 |
| 35) Caprolactam | 11.84 | 113 | 107566m | 57.416 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.17 | 107 | 385192 | 71.621 | ng | | 93 |
| 37) 2-Methylnaphthalene | 12.55 | 142 | 688382 | 62.595 | ng | # | 93 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.92 | 216 | 504409 | 67.727 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 12.90 | 237 | 311040 | 75.955 | ng | | 91 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.15 | 196 | 287337 | 63.278 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 13.22 | 196 | 322902 | 61.854 | ng | | 94 |
| 45) 1,1'-Biphenyl | 13.56 | 154 | 1009979 | 55.628 | ng | | 98 |
| 46) 2-Chloronaphthalene | 13.60 | 162 | 771041 | 56.008 | ng | | 95 |
| 47) 2-Nitroaniline | 13.79 | 65 | 334677 | 77.861 | ng | # | 85 |
| 48) Acenaphthylene | 14.44 | 152 | 1206158 | 52.709 | ng | | 99 |
| 49) Dimethylphthalate | 14.18 | 163 | 1091368 | 55.317 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 14.29 | 165 | 242170 | 64.770 | ng | # | 83 |
| 51) Acenaphthene | 14.79 | 154 | 843880 | 58.704 | ng | | 97 |
| 52) 3-Nitroaniline | 14.62 | 138 | 219055 | 53.956 | ng | # | 77 |
| 53) 2,4-Dinitrophenol | 14.82 | 184 | 87246 | 65.249 | ng | # | 76 |
| 54) Dibenzofuran | 15.12 | 168 | 1180010 | 55.368 | ng | # | 86 |
| 55) 4-Nitrophenol | 14.91 | 139 | 165669 | 52.030 | ng | # | 42 |
| 56) 2,4-Dinitrotoluene | 15.08 | 165 | 330388 | 66.451 | ng | | 90 |
| 57) Fluorene | 15.77 | 166 | 1019333 | 55.271 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.34 | 232 | 329638 | 68.964 | ng | | 97 |
| 59) Diethylphthalate | 15.55 | 149 | 1158159 | 55.536 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.77 | 204 | 616008 | 63.860 | ng | | 96 |
| 61) 4-Nitroaniline | 15.79 | 138 | 231382 | 53.677 | ng | # | 39 |
| 62) Azobenzene | 16.06 | 77 | 1237900 | 66.591 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 15.84 | 198 | 170356 | 67.277 | ng | | 95 |
| 65) n-Nitrosodiphenylamine | 15.98 | 169 | 899904 | 53.993 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.67 | 248 | 413481 | 65.675 | ng | # | 91 |
| 67) Hexachlorobenzene | 16.78 | 284 | 427122 | 63.614 | ng | | 96 |
| 68) Atrazine | 16.93 | 200 | 307312 | 47.065 | ng | | 97 |
| 69) Pentachlorophenol | 17.12 | 266 | 300558 | 65.169 | ng | | 99 |
| 70) Phenanthrene | 17.52 | 178 | 1674719 | 54.454 | ng | | 98 |
| 71) Anthracene | 17.61 | 178 | 1688240 | 54.892 | ng | | 100 |
| 72) Carbazole | 17.88 | 167 | 1504475 | 50.705 | ng | # | 96 |
| 73) Di-n-butylphthalate | 18.45 | 149 | 1814093 | 49.146 | ng | # | 97 |
| 74) Fluoranthene | 19.53 | 202 | 2002997 | 53.841 | ng | | 93 |
| 76) Benzidine | 19.70 | 184 | 824036 | 54.477 | ng | | 98 |
| 77) Pyrene | 19.89 | 202 | 2032071m | 55.308 | ng | | |
| 79) Butylbenzylphthalate | 20.79 | 149 | 822761 | 50.993 | ng | | 89 |
| 80) Benzo(a)anthracene | 21.75 | 228 | 2069215 | 58.581 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.67 | 252 | 783562 | 59.494 | ng | | 96 |
| 82) Chrysene | 21.82 | 228 | 1996279 | 59.184 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.68 | 149 | 1121862 | 49.234 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.94 | 149 | 1810938 | 50.071 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 28.85 | 276 | 2300157 | 59.907 | ng | # | 72 |
| 87) Benzo(b)fluoranthene | 24.02 | 252 | 2121170 | 61.785 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 24.09 | 252 | 2024828 | 59.375 | ng | # | 95 |
| 89) Benzo(a)pyrene | 24.91 | 252 | 2008066 | 61.073 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 28.93 | 278 | 1881086 | 59.126 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 30.03 | 276 | 1872688 | 59.820 | ng | # | 90 |

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

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