Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052919\
Data File : BG040941.D
Acq On : 29 May 2019 17:26
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 29 18:04:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 16:09:47 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.13 | 152 | 58440 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.95 | 136 | 243059 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.76 | 164 | 183583 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.50 | 188 | 437043 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.79 | 240 | 419985 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.13 | 264 | 460736 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.66 | 112 | 501222 | 151.19 | ng | | 0.00 |
| 7) Phenol-d6 | 7.27 | 99 | 759292 | 148.75 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.31 | 82 | 872221 | 165.81 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.25 | 330 | 432107 | 171.24 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.38 | 172 | 1915780 | 150.71 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.10 | 244 | 2790214 | 147.18 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.53 | 88 | 104669 | 69.422 | ng | | 96 |
| 3) Pyridine | 3.94 | 79 | 338674 | 77.497 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.86 | 42 | 162924 | 67.213 | ng | # | 99 |
| 6) Aniline | 7.46 | 93 | 514728 | 76.078 | ng | | 98 |
| 8) 2-Chlorophenol | 7.69 | 128 | 295232 | 72.932 | ng | | 97 |
| 9) Benzaldehyde | 7.27 | 77 | 200102 | 63.224 | ng | | 91 |
| 10) Phenol | 7.30 | 94 | 405561 | 73.911 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.55 | 93 | 304167 | 73.922 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 8.01 | 146 | 359408 | 81.344 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.17 | 146 | 360451 | 80.475 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.48 | 146 | 343882 | 79.610 | ng | | 97 |
| 15) Benzyl Alcohol | 8.37 | 79 | 363585 | 68.455 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65 | 45 | 490745 | 59.905 | ng | | 97 |
| 17) 2-Methylphenol | 8.57 | 107 | 299600 | 77.153 | ng | | 95 |
| 18) Hexachloroethane | 9.22 | 117 | 140769 | 76.615 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.94 | 70 | 299006 | 65.072 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.90 | 107 | 412280 | 76.213 | ng | | 98 |
| 22) Acetophenone | 8.97 | 105 | 544751 | 80.598 | ng | # | 97 |
| 24) Nitrobenzene | 9.35 | 77 | 447034 | 79.650 | ng | | 98 |
| 25) Isophorone | 9.87 | 82 | 841337 | 71.803 | ng | | 98 |
| 26) 2-Nitrophenol | 10.06 | 139 | 195843 | 97.346 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.11 | 122 | 306575 | 81.218 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 10.35 | 93 | 454256 | 77.270 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.59 | 162 | 384838 | 89.677 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.81 | 180 | 445753 | 93.668 | ng | | 98 |
| 31) Naphthalene | 11.00 | 128 | 1031897 | 79.912 | ng | | 98 |
| 32) Benzoic acid | 10.28 | 122 | 246002 | 95.198 | ng | | 98 |
| 33) 4-Chloroaniline | 11.12 | 127 | 482942 | 84.352 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.27 | 225 | 341304 | 97.145 | ng | | 97 |
| 35) Caprolactam | 11.93 | 113 | 127851 | 75.461 | ng | | 90 |
| 36) 4-Chloro-3-methylphenol | 12.22 | 107 | 434776 | 80.311 | ng | | 100 |
| 37) 2-Methylnaphthalene | 12.60 | 142 | 780593 | 80.851 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.82 | 142 | 742054 | 78.633 | ng | # | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.96 | 216 | 586077 | 85.697 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.93 | 237 | 318216 | 78.854 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 13.20 | 196 | 376871 | 91.190 | ng | | 96 |
| 44) 2,4,5-Trichlorophenol | 13.27 | 196 | 391061 | 86.862 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.60 | 154 | 1058918 | 74.292 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.65 | 162 | 910183 | 81.596 | ng | | 97 |
| 48) 2-Nitroaniline | 13.85 | 65 | 334793 | 84.317 | ng | | 99 |
| 49) Acenaphthylene | 14.49 | 152 | 1322490 | 69.880 | ng | | 97 |
| 50) Dimethylphthalate | 14.21 | 163 | 1179017 | 76.759 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.34 | 165 | 257608 | 85.932 | ng | | 98 |
| 52) Acenaphthene | 14.83 | 154 | 830902 | 75.390 | ng | | 98 |
| 53) 3-Nitroaniline | 14.68 | 138 | 260079 | 84.672 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 14.88 | 184 | 135890 | 91.973 | ng | | 97 |
| 55) Dibenzofuran | 15.16 | 168 | 1340208 | 74.241 | ng | | 96 |
| 56) 4-Nitrophenol | 14.96 | 139 | 191092 | 71.747 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 15.12 | 165 | 372631 | 91.476 | ng | | 99 |
| 58) Fluorene | 15.80 | 166 | 1072916 | 73.533 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.38 | 232 | 382078 | 84.317 | ng | | 98 |
| 60) Diethylphthalate | 15.56 | 149 | 1193303 | 73.633 | ng | | 95 |
| 61) 4-Chlorophenyl-phenylether | 15.79 | 204 | 720001 | 84.844 | ng | | 95 |
| 62) 4-Nitroaniline | 15.85 | 138 | 273394 | 79.569 | ng | | 96 |
| 63) Azobenzene | 16.09 | 77 | 1089475 | 65.278 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylphenol | 15.88 | 198 | 204139 | 101.492 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 16.01 | 169 | 976719 | 75.960 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.69 | 248 | 479087 | 87.988 | ng | | 97 |
| 68) Hexachlorobenzene | 16.80 | 284 | 508264 | 90.276 | ng | | 99 |
| 69) Atrazine | 16.94 | 200 | 328058 | 64.396 | ng | | 97 |
| 70) Pentachlorophenol | 17.14 | 266 | 268972 | 81.641 | ng | | 97 |
| 71) Phenanthrene | 17.55 | 178 | 1719902 | 73.062 | ng | | 94 |
| 72) Anthracene | 17.64 | 178 | 1715021 | 72.480 | ng | | 96 |
| 73) Carbazole | 17.91 | 167 | 1482501 | 68.769 | ng | | 97 |
| 74) Di-n-butylphthalate | 18.44 | 149 | 1826099 | 70.181 | ng | # | 95 |
| 75) Fluoranthene | 19.55 | 202 | 2086580 | 71.129 | ng | | 94 |
| 77) Benzidine | 19.73 | 184 | 705363 | 61.339 | ng | | 97 |
| 78) Pyrene | 19.91 | 202 | 2063889 | 78.407 | ng | | 94 |
| 80) Butylbenzylphthalate | 20.78 | 149 | 853758 | 83.217 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.77 | 228 | 2146665 | 80.874 | ng | | 95 |
| 82) 3,3'-Dichlorobenzidine | 21.68 | 252 | 785396 | 83.016 | ng | | 97 |
| 83) Chrysene | 21.84 | 228 | 2051369 | 81.263 | ng | | 93 |
| 84) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 1200457 | 81.060 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.88 | 149 | 1992369 | 79.883 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.99 | 276 | 2663170 | 87.258 | ng | # | 98 |
| 88) Benzo(b)fluoranthene | 24.07 | 252 | 2217083 | 78.746 | ng | | 96 |
| 89) Benzo(k)fluoranthene | 24.14 | 252 | 2127561 | 80.915 | ng | | 96 |
| 90) Benzo(a)pyrene | 24.98 | 252 | 2125637 | 79.758 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 29.06 | 278 | 2163325 | 80.213 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.21 | 276 | 2070010 | 77.120 | ng | | 96 |

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

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