Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG011119\
Data File : BG039089.D
Acq On : 11 Jan 2019 17:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040

Quant Time: Jan 11 18:51:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.02 | 152 | 25754 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.85 | 136 | 99549 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.67 | 164 | 66673 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.42 | 188 | 164242 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.69 | 240 | 170418 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 24.96 | 264 | 183187 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.58 | 112 | 119937 | 88.34 | ng | | 0.00 |
| 7) Phenol-d6 | 7.18 | 99 | 170317 | 87.17 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.21 | 82 | 159307 | 87.57 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.16 | 330 | 94507 | 84.56 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.28 | 172 | 427250 | 87.70 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.02 | 244 | 773199 | 83.93 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.46 | 88 | 23494 | 44.191 | ng | | 99 |
| 3) Pyridine | 3.87 | 79 | 62827 | 43.490 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.79 | 42 | 29517 | 45.406 | ng | | 97 |
| 6) Aniline | 7.36 | 93 | 98791 | 42.102 | ng | | 97 |
| 8) 2-Chlorophenol | 7.59 | 128 | 70593 | 44.111 | ng | | 96 |
| 9) Benzaldehyde | 7.17 | 77 | 43996 | 39.047 | ng | | 98 |
| 10) Phenol | 7.21 | 94 | 87111 | 44.470 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.45 | 93 | 62437 | 41.705 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.91 | 146 | 80031 | 41.739 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 8.06 | 146 | 82485 | 42.476 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.38 | 146 | 78944 | 42.637 | ng | | 98 |
| 15) Benzyl Alcohol | 8.27 | 79 | 63638 | 43.251 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54 | 45 | 117535 | 40.942 | ng | | 99 |
| 17) 2-Methylphenol | 8.47 | 107 | 57916 | 42.580 | ng | | 96 |
| 18) Hexachloroethane | 9.10 | 117 | 27908 | 42.302 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.83 | 70 | 52809 | 41.160 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.80 | 107 | 82249 | 42.413 | ng | | 96 |
| 22) Acetophenone | 8.86 | 105 | 113943 | 43.829 | ng | # | 95 |
| 24) Nitrobenzene | 9.25 | 77 | 78653 | 42.773 | ng | | 100 |
| 25) Isophorone | 9.76 | 82 | 132955 | 42.427 | ng | | 100 |
| 26) 2-Nitrophenol | 9.96 | 139 | 43741 | 43.977 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 10.01 | 122 | 62008 | 44.313 | ng | | 90 |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93 | 82142 | 43.614 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.49 | 162 | 78465 | 45.136 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 10.70 | 180 | 89702 | 42.945 | ng | | 95 |
| 31) Naphthalene | 10.89 | 128 | 217895 | 43.642 | ng | | 99 |
| 32) Benzoic acid | 10.16 | 122 | 25657 | 33.392 | ng | | 98 |
| 33) 4-Chloroaniline | 11.01 | 127 | 96410 | 43.154 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.15 | 225 | 63368 | 44.090 | ng | | 98 |
| 35) Caprolactam | 11.80 | 113 | 28299 | 40.595 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 12.13 | 107 | 79182 | 42.586 | ng | | 93 |
| 37) 2-Methylnaphthalene | 12.50 | 142 | 157919 | 42.187 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.71 | 142 | 150780 | 41.965 | ng | | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 115011 | 45.932 | ng | | 99 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.83 | 237 | 51852 | 39.867 ng | 99 |
| 43) 2,4,6-Trichlorophenol | 13.10 | 196 | 70555 | 44.770 ng | 96 |
| 44) 2,4,5-Trichlorophenol | 13.18 | 196 | 74419 | 44.679 ng | 98 |
| 46) 1,1'-Biphenyl | 13.50 | 154 | 235976 | 44.667 ng | 99 |
| 47) 2-Chloronaphthalene | 13.55 | 162 | 189981 | 44.438 ng | 98 |
| 48) 2-Nitroaniline | 13.77 | 65 | 52975 | 44.231 ng | 92 |
| 49) Acenaphthylene | 14.39 | 152 | 280330 | 43.625 ng | 99 |
| 50) Dimethylphthalate | 14.12 | 163 | 237240 | 42.107 ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.25 | 165 | 52578 | 41.740 ng | 97 |
| 52) Acenaphthene | 14.73 | 154 | 167106 | 43.283 ng | 94 |
| 53) 3-Nitroaniline | 14.59 | 138 | 55080 | 43.104 ng | 96 |
| 54) 2,4-Dinitrophenol | 14.80 | 184 | 44134 | 60.043 ng | 95 |
| 55) Dibenzofuran | 15.06 | 168 | 292115 | 42.841 ng | 100 |
| 56) 4-Nitrophenol | 14.90 | 139 | 36903 | 40.136 ng | 90 |
| 57) 2,4-Dinitrotoluene | 15.04 | 165 | 76080 | 42.098 ng | 96 |
| 58) Fluorene | 15.72 | 166 | 216046 | 42.094 ng | 94 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.29 | 232 | 68190 | 43.370 ng | 96 |
| 60) Diethylphthalate | 15.47 | 149 | 237680 | 40.944 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204 | 139156 | 43.035 ng | 99 |
| 62) 4-Nitroaniline | 15.75 | 138 | 57529 | 43.216 ng | 99 |
| 63) Azobenzene | 15.99 | 77 | 191207 | 42.120 ng | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198 | 43725 | 35.934 ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.92 | 169 | 213676 | 43.885 ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.60 | 248 | 92085 | 43.616 ng | 98 |
| 68) Hexachlorobenzene | 16.71 | 284 | 98510 | 42.760 ng | 94 |
| 69) Atrazine | 16.86 | 200 | 89405 | 43.224 ng | 97 |
| 70) Pentachlorophenol | 17.07 | 266 | 53480 | 40.648 ng | 95 |
| 71) Phenanthrene | 17.46 | 178 | 372500 | 42.908 ng | 99 |
| 72) Anthracene | 17.55 | 178 | 370472 | 43.161 ng | 98 |
| 73) Carbazole | 17.83 | 167 | 363142 | 42.856 ng | 98 |
| 74) Di-n-butylphthalate | 18.35 | 149 | 403458 | 42.800 ng | 98 |
| 75) Fluoranthene | 19.47 | 202 | 454142 | 42.198 ng | 99 |
| 77) Benzidine | 19.65 | 184 | 185514 | 35.591 ng | 99 |
| 78) Pyrene | 19.83 | 202 | 464114 | 42.734 ng | 98 |
| 80) Butylbenzylphthalate | 20.70 | 149 | 178103 | 43.117 ng | 98 |
| 81) Benzo(a)anthracene | 21.67 | 228 | 445061 | 42.901 ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.59 | 252 | 181821 | 43.015 ng | 96 |
| 83) Chrysene | 21.74 | 228 | 421793 | 42.749 ng | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149 | 251159 | 43.791 ng | 96 |
| 85) Di-n-octyl phthalate | 22.75 | 149 | 420698 | 43.379 ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 28.72 | 276 | 509164 | 43.187 ng | 99 |
| 88) Benzo(b)fluoranthene | 23.92 | 252 | 444550 | 44.011 ng | 99 |
| 89) Benzo(k)fluoranthene | 23.99 | 252 | 436475 | 43.704 ng | 98 |
| 90) Benzo(a)pyrene | 24.81 | 252 | 425872 | 43.620 ng | 98 |
| 91) Dibenzo(a,h)anthracene | 28.78 | 278 | 421702 | 43.424 ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.91 | 276 | 416669 | 43.340 ng | 97 |

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

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