Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043815.D
Acq On : 17 Dec 2019 11:43
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
12/18/2019 2:40:33 PM

Quant Time: Dec 18 07:08:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.01 | 152 | 149920 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.81 | 136 | 668890 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.63 | 164 | 473864 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.37 | 188 | 1042792 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.63 | 240 | 846473 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 24.79 | 264 | 962340 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.59 | 112 | 632134 | 79.89 | ng | 0.00 |
| 7) Phenol-d6 | 7.17 | 99 | 922491 | 80.84 | ng | 0.01 |
| 23) Nitrobenzene-d5 | 9.16 | 82 | 940235 | 78.92 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.12 | 330 | 386603 | 85.58 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.26 | 172 | 2049685 | 75.98 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.99 | 244 | 2689246 | 76.43 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.49 | 88 | 138797 | 37.880 | ng | 100 |
| 3) Pyridine | 3.89 | 79 | 430066 | 42.475 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.80 | 42 | 178874 | 36.846 | ng | 94 |
| 6) Aniline | 7.32 | 93 | 601231 | 39.819 | ng | 97 |
| 8) 2-Chlorophenol | 7.57 | 128 | 368736 | 39.989 | ng | 99 |
| 9) Benzaldehyde | 7.14 | 77 | 263406 | 42.722 | ng | 89 |
| 10) Phenol | 7.20 | 94 | 473626 | 40.202 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.42 | 93 | 388384 | 38.851 | ng | 96 |
| 12) 1,3-Dichlorobenzene | 7.89 | 146 | 430152 | 38.927 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 8.04 | 146 | 425465 | 38.520 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 8.36 | 146 | 413884 | 38.891 | ng | 98 |
| 15) Benzyl Alcohol | 8.24 | 79 | 373726 | 41.154 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53 | 45 | 634799 | 39.621 | ng | 98 |
| 17) 2-Methylphenol | 8.45 | 107 | 343971 | 40.901 | ng | 98 |
| 18) Hexachloroethane | 9.09 | 117 | 163402 | 40.712 | ng | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.81 | 70 | 345895 | 39.649 | ng | 100 |
| 20) 3+4-Methylphenols | 8.78 | 107 | 493861 | 42.174 | ng | 97 |
| 22) Acetophenone | 8.82 | 105 | 632120 | 37.893 | ng | 100 |
| 24) Nitrobenzene | 9.20 | 77 | 463461 | 38.193 | ng | 99 |
| 25) Isophorone | 9.73 | 82 | 912467 | 38.351 | ng | 99 |
| 26) 2-Nitrophenol | 9.92 | 139 | 228615 | 48.152 | ng | 95 |
| 27) 2,4-Dimethylphenol | 9.98 | 122 | 343869 | 40.900 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93 | 584946 | 38.409 | ng | 97 |
| 29) 2,4-Dichlorophenol | 10.45 | 162 | 420422 | 40.720 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.67 | 180 | 467798 | 38.275 | ng | 97 |
| 31) Naphthalene | 10.86 | 128 | 1238509 | 38.588 | ng | 99 |
| 32) Benzoic acid | 10.12 | 122 | 270067 | 46.333 | ng | 95 |
| 33) 4-Chloroaniline | 10.96 | 127 | 611368 | 39.287 | ng | 99 |
| 34) Hexachlorobutadiene | 11.16 | 225 | 283423 | 38.272 | ng | 97 |
| 35) Caprolactam | 11.74 | 113 | 166021 | 40.973 | ng | 94 |
| 36) 4-Chloro-3-methylphenol | 12.08 | 107 | 455707 | 40.998 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.46 | 142 | 972395 | 39.089 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.68 | 142 | 919450 | 38.869 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 537624 | 37.757 | ng | 100 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.82 | 237 | 278554 | 41.678 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.06 | 196 | 381611 | 42.165 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 13.14 | 196 | 393422 | 41.492 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.46 | 154 | 1249433 | 38.246 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.51 | 162 | 1018868 | 38.150 | ng | | 99 |
| 48) 2-Nitroaniline | 13.70 | 65 | 336658 | 42.743 | ng | | 97 |
| 49) Acenaphthylene | 14.35 | 152 | 1519430 | 38.192 | ng | | 98 |
| 50) Dimethylphthalate | 14.09 | 163 | 1290675 | 38.161 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.20 | 165 | 301737 | 41.398 | ng | | 99 |
| 52) Acenaphthene | 14.70 | 154 | 1027640 | 39.265 | ng | | 98 |
| 53) 3-Nitroaniline | 14.53 | 138 | 343809 | 41.220 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 14.73 | 184 | 142296 | 55.078 | ng | | 94 |
| 55) Dibenzofuran | 15.03 | 168 | 1474718 | 38.066 | ng | | 99 |
| 56) 4-Nitrophenol | 14.83 | 139 | 265947 | 43.705 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 14.98 | 165 | 421203 | 42.768 | ng | | 96 |
| 58) Fluorene | 15.68 | 166 | 1207784 | 38.678 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.26 | 232 | 350722m | 41.225 | ng | | |
| 60) Diethylphthalate | 15.46 | 149 | 1296077 | 38.364 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204 | 672128 | 38.433 | ng | | 99 |
| 62) 4-Nitroaniline | 15.69 | 138 | 347866 | 40.252 | ng | | 98 |
| 63) Azobenzene | 15.97 | 77 | 1182159 | 38.089 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.75 | 198 | 197467 | 48.868 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.88 | 169 | 1116921 | 38.537 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.57 | 248 | 427433 | 38.339 | ng | | 95 |
| 68) Hexachlorobenzene | 16.68 | 284 | 448965 | 37.969 | ng | | 98 |
| 69) Atrazine | 16.84 | 200 | 325706 | 35.251 | ng | | 98 |
| 70) Pentachlorophenol | 17.02 | 266 | 266120 | 42.309 | ng | | 96 |
| 71) Phenanthrene | 17.42 | 178 | 1876927 | 38.020 | ng | | 99 |
| 72) Anthracene | 17.51 | 178 | 1875640 | 38.382 | ng | | 97 |
| 73) Carbazole | 17.77 | 167 | 1736289 | 38.010 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.35 | 149 | 2048299 | 39.114 | ng | | 98 |
| 75) Fluoranthene | 19.42 | 202 | 2104186 | 37.242 | ng | | 97 |
| 77) Benzidine | 19.60 | 184 | 815042 | 44.135 | ng | | 97 |
| 78) Pyrene | 19.78 | 202 | 2132016 | 38.541 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.68 | 149 | 998990 | 43.361 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.61 | 228 | 2063929 | 38.633 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.53 | 252 | 773056 | 39.170 | ng | | 99 |
| 83) Chrysene | 21.68 | 228 | 1974509 | 38.792 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149 | 1337579 | 40.476 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.75 | 149 | 2295711 | 42.494 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.38 | 276 | 2093423 | 32.134 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 23.79 | 252 | 2100021 | 37.901 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.86 | 252 | 2056803 | 38.428 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.65 | 252 | 2021613 | 38.286 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.45 | 278 | 1829760 | 34.693 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.50 | 276 | 1858897m | 35.716 | ng | | |

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

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