Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
Data File : BG036425.D
Acq On : 27 Aug 2018 10:53
Operator : JU/SJ
Sample : PB112371BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB112371BS

**Manual Integrations APPROVED**
Sohil
8/28/2018 12:12:42 PM

Quant Time: Aug 28 11:34:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.07 | 152 | 60243 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.87 | 136 | 288433 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.69 | 164 | 189476 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.44 | 188 | 471562 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.70 | 240 | 433145 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 24.92 | 264 | 454008 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 418262 | 110.14 | ng | 0.00 |
| 7) Phenol-d6 | 7.22 | 99 | 577526 | 106.21 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.23 | 82 | 326889 | 61.49 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.18 | 330 | 245165 | 108.44 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.32 | 172 | 866385 | 65.29 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.04 | 244 | 1318695 | 71.16 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.54 | 88 | 47993 | 27.079 | ng | 97 |
| 3) Pyridine | 3.93 | 79 | 149859 | 30.123 | ng | 92 |
| 4) n-Nitrosodimethylamine | 3.84 | 42 | 77486 | 34.969 | ng | 99 |
| 6) Aniline | 7.38 | 93 | 228246 | 33.071 | ng | 98 |
| 8) 2-Chlorophenol | 7.63 | 128 | 168911 | 41.014 | ng | 96 |
| 9) Benzaldehyde | 7.20 | 77 | 110310 | 29.461 | ng | 95 |
| 10) Phenol | 7.25 | 94 | 238028 | 41.832 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.48 | 93 | 163440 | 36.231 | ng | 96 |
| 12) 1,3-Dichlorobenzene | 7.95 | 146 | 165838 | 35.265 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 8.10 | 146 | 170395 | 35.889 | ng | 96 |
| 14) 1,2-Dichlorobenzene | 8.42 | 146 | 162406 | 35.817 | ng | 97 |
| 15) Benzyl Alcohol | 8.30 | 79 | 172374 | 39.325 | ng | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60 | 45 | 307774 | 33.831 | ng | 96 |
| 17) 2-Methylphenol | 8.50 | 107 | 161549 | 42.757 | ng | 99 |
| 18) Hexachloroethane | 9.15 | 117 | 59013 | 34.667 | ng | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.87 | 70 | 145698 | 35.854 | ng | 96 |
| 20) 3+4-Methylphenols | 8.83 | 107 | 221066 | 41.908 | ng | 99 |
| 22) Acetophenone | 8.89 | 105 | 268270 | 35.419 | ng | 96 |
| 24) Nitrobenzene | 9.27 | 77 | 199637 | 34.826 | ng | 96 |
| 25) Isophorone | 9.79 | 82 | 414529 | 39.252 | ng | 97 |
| 26) 2-Nitrophenol | 9.98 | 139 | 76348 | 33.610 | ng | 95 |
| 27) 2,4-Dimethylphenol | 10.04 | 122 | 185508 | 44.110 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93 | 239601 | 36.968 | ng | 98 |
| 29) 2,4-Dichlorophenol | 10.52 | 162 | 189706 | 41.159 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.73 | 180 | 186755 | 34.636 | ng | 99 |
| 31) Naphthalene | 10.93 | 128 | 540580 | 37.492 | ng | 98 |
| 32) Benzoic acid | 10.17 | 122 | 110450m | 36.597 | ng | |
| 33) 4-Chloroaniline | 11.03 | 127 | 152781 | 23.124 | ng | 99 |
| 34) Hexachlorobutadiene | 11.21 | 225 | 125136 | 34.542 | ng | 98 |
| 35) Caprolactam | 11.80 | 113 | 73354m | 39.951 | ng | |
| 36) 4-Chloro-3-methylphenol | 12.14 | 107 | 213211 | 39.811 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.52 | 142 | 433986 | 41.136 | ng | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 244725 | 36.497 | ng | 99 |
| 40) Hexachlorocyclopentadiene | 12.87 | 237 | 288663 | 82.740 | ng | 99 |

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|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.12 | 196 | 164282 | 40.220 | ng | 98 |
| 43) 2,4,5-Trichlorophenol | 13.19 | 196 | 184320 | 42.308 | ng | 98 |
| 45) 1,1'-Biphenyl | 13.53 | 154 | 569249 | 36.193 | ng | 99 |
| 46) 2-Chloronaphthalene | 13.57 | 162 | 438638 | 36.532 | ng | 99 |
| 47) 2-Nitroaniline | 13.76 | 65 | 141135 | 37.432 | ng | 98 |
| 48) Acenaphthylene | 14.41 | 152 | 752735 | 40.114 | ng | 100 |
| 49) Dimethylphthalate | 14.15 | 163 | 609496 | 39.394 | ng | 99 |
| 50) 2,6-Dinitrotoluene | 14.26 | 165 | 125554 | 39.437 | ng | 95 |
| 51) Acenaphthene | 14.76 | 154 | 485605 | 40.407 | ng | 99 |
| 52) 3-Nitroaniline | 14.59 | 138 | 98866 | 28.817 | ng | 96 |
| 53) 2,4-Dinitrophenol | 14.79 | 184 | 94254 | 78.161 | ng | 97 |
| 54) Dibenzofuran | 15.09 | 168 | 710424 | 37.732 | ng | 99 |
| 55) 4-Nitrophenol | 14.89 | 139 | 210442 | 75.020 | ng | 96 |
| 56) 2,4-Dinitrotoluene | 15.05 | 165 | 174458 | 42.045 | ng | 92 |
| 57) Fluorene | 15.74 | 166 | 569120 | 40.434 | ng | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.31 | 232 | 176434 | 43.104 | ng | 97 |
| 59) Diethylphthalate | 15.51 | 149 | 597756 | 38.337 | ng | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.73 | 204 | 330091 | 37.979 | ng | 98 |
| 61) 4-Nitroaniline | 15.75 | 138 | 135573 | 37.763 | ng | 93 |
| 62) Azobenzene | 16.03 | 77 | 581485 | 36.653 | ng | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 15.81 | 198 | 75802 | 36.593 | ng | 93 |
| 65) n-Nitrosodiphenylamine | 15.94 | 169 | 530919 | 37.891 | ng | 99 |
| 66) 4-Bromophenyl-phenylether | 16.63 | 248 | 215225 | 38.983 | ng | 98 |
| 67) Hexachlorobenzene | 16.74 | 284 | 213000 | 37.730 | ng | 99 |
| 68) Atrazine | 16.89 | 200 | 208197 | 39.587 | ng | 99 |
| 69) Pentachlorophenol | 17.08 | 266 | 252023 | 65.685 | ng | 97 |
| 70) Phenanthrene | 17.48 | 178 | 945772 | 39.471 | ng | 99 |
| 71) Anthracene | 17.57 | 178 | 952815 | 39.891 | ng | 98 |
| 72) Carbazole | 17.84 | 167 | 819082 | 34.337 | ng | 99 |
| 73) Di-n-butylphthalate | 18.39 | 149 | 934818 | 35.192 | ng | 100 |
| 74) Fluoranthene | 19.48 | 202 | 1087892 | 37.239 | ng | 99 |
| 76) Benzidine | 19.66 | 184 | 575240 | 41.626 | ng | 99 |
| 77) Pyrene | 19.84 | 202 | 1057821 | 39.714 | ng | 99 |
| 79) Butylbenzylphthalate | 20.73 | 149 | 399231 | 37.662 | ng | 92 |
| 80) Benzo(a)anthracene | 21.68 | 228 | 1054090 | 40.170 | ng | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.60 | 252 | 253650 | 24.254 | ng | 99 |
| 82) Chrysene | 21.75 | 228 | 981375 | 39.456 | ng | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.60 | 149 | 557003 | 37.550 | ng | 99 |
| 84) Di-n-octyl phthalate | 22.82 | 149 | 934824 | 37.730 | ng | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 28.58 | 276 | 1203290 | 41.652 | ng | 99 |
| 87) Benzo(b)fluoranthene | 23.90 | 252 | 1066299 | 42.295 | ng | 96 |
| 88) Benzo(k)fluoranthene | 23.97 | 252 | 993409 | 40.333 | ng | 99 |
| 89) Benzo(a)pyrene | 24.77 | 252 | 1015403 | 41.914 | ng | 99 |
| 90) Dibenzo(a,h)anthracene | 28.65 | 278 | 972544 | 41.583 | ng | 96 |
| 91) Benzo(g,h,i)perylene | 29.72 | 276 | 990470 | 42.143 | ng | 98 |

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

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