Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034951.D
Acq On : 7 Jun 2018 13:56
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** ICVBG060718

Quant Time: Jun 08 04:17:48 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.08 | 152 | 35025 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.89 | 136 | 143906 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.71 | 164 | 98228 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.45 | 188 | 256510 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.73 | 240 | 254188 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.97 | 264 | 257117 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.65 | 112 | 168233 | 81.06 | ng | | 0.00 |
| 7) Phenol-d6 | 7.23 | 99 | 254210 | 82.99 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.24 | 82 | 262338 | 86.65 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.19 | 330 | 105566 | 83.95 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.33 | 172 | 601364 | 79.59 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.06 | 244 | 984602 | 81.14 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.57 | 88 | 38680 | 39.062 | ng | # | 75 |
| 3) Pyridine | 3.96 | 79 | 111004 | 41.547 | ng | # | 78 |
| 4) n-Nitrosodimethylamine | 3.88 | 42 | 47149 | 41.077 | ng | # | 87 |
| 6) Aniline | 7.41 | 93 | 158232 | 39.962 | ng | | 99 |
| 8) 2-Chlorophenol | 7.64 | 128 | 86451 | 39.739 | ng | | 97 |
| 9) Benzaldehyde | 7.22 | 77 | 95095 | 40.303 | ng | | 98 |
| 10) Phenol | 7.25 | 94 | 129935 | 40.988 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 7.50 | 93 | 98416 | 39.999 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 7.97 | 146 | 104425 | 40.230 | ng | # | 94 |
| 13) 1,4-Dichlorobenzene | 8.12 | 146 | 105896 | 39.521 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.43 | 146 | 101892 | 40.484 | ng | | 96 |
| 15) Benzyl Alcohol | 8.32 | 79 | 118321 | 40.765 | ng | | 89 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.62 | 45 | 82002 | 33.485 | ng | | 78 |
| 17) 2-Methylphenol | 8.51 | 107 | 87544 | 41.887 | ng | # | 91 |
| 18) Hexachloroethane | 9.17 | 117 | 38237 | 39.860 | ng | | 86 |
| 19) n-Nitroso-di-n-propylamine | 8.89 | 70 | 105094 | 40.383 | ng | | 89 |
| 20) 3+4-Methylphenols | 8.84 | 107 | 121836 | 40.670 | ng | | 91 |
| 22) Acetophenone | 8.90 | 105 | 179343 | 40.232 | ng | | 93 |
| 24) Nitrobenzene | 9.29 | 77 | 131520 | 42.424 | ng | | 94 |
| 25) Isophorone | 9.81 | 82 | 254437 | 39.807 | ng | | 98 |
| 26) 2-Nitrophenol | 10.00 | 139 | 47264 | 44.231 | ng | # | 85 |
| 27) 2,4-Dimethylphenol | 10.05 | 122 | 87197 | 38.822 | ng | | 92 |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93 | 139494 | 40.611 | ng | | 95 |
| 29) 2,4-Dichlorophenol | 10.53 | 162 | 98752 | 40.407 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.75 | 180 | 115391 | 39.375 | ng | | 96 |
| 31) Naphthalene | 10.94 | 128 | 296815 | 39.704 | ng | | 98 |
| 32) Benzoic acid | 10.17 | 122 | 66848 | 44.433 | ng | | 90 |
| 33) 4-Chloroaniline | 11.04 | 127 | 131673 | 40.564 | ng | | 94 |
| 34) Hexachlorobutadiene | 11.22 | 225 | 90958 | 39.909 | ng | | 97 |
| 35) Caprolactam | 11.81 | 113 | 36258 | 40.143 | ng | # | 76 |
| 36) 4-Chloro-3-methylphenol | 12.15 | 107 | 125564 | 41.216 | ng | | 91 |
| 37) 2-Methylnaphthalene | 12.54 | 142 | 225919 | 39.860 | ng | # | 90 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 150600 | 41.161 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.89 | 237 | 93974 | 40.958 | ng | | 89 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.13 | 196 | 91863 | 41.931 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 13.20 | 196 | 101482 | 42.203 | ng | | 96 |
| 45) 1,1'-Biphenyl | 13.54 | 154 | 315608 | 39.958 | ng | | 98 |
| 46) 2-Chloronaphthalene | 13.59 | 162 | 240126 | 40.210 | ng | | 99 |
| 47) 2-Nitroaniline | 13.78 | 65 | 80259 | 45.513 | ng | | 97 |
| 48) Acenaphthylene | 14.43 | 152 | 403003 | 40.246 | ng | | 98 |
| 49) Dimethylphthalate | 14.16 | 163 | 346093 | 40.404 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 14.27 | 165 | 68190 | 43.636 | ng | | 91 |
| 51) Acenaphthene | 14.77 | 154 | 271364 | 41.477 | ng | | 100 |
| 52) 3-Nitroaniline | 14.60 | 138 | 69646 | 45.419 | ng | # | 91 |
| 53) 2,4-Dinitrophenol | 14.80 | 184 | 28574 | 45.181 | ng | # | 62 |
| 54) Dibenzofuran | 15.11 | 168 | 394949 | 40.307 | ng | | 96 |
| 55) 4-Nitrophenol | 14.89 | 139 | 55984 | 43.260 | ng | # | 81 |
| 56) 2,4-Dinitrotoluene | 15.05 | 165 | 93605 | 45.092 | ng | # | 95 |
| 57) Fluorene | 15.75 | 166 | 332358 | 40.586 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.32 | 232 | 98506 | 42.169 | ng | | 98 |
| 59) Diethylphthalate | 15.52 | 149 | 352868 | 40.377 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.75 | 204 | 188426 | 40.352 | ng | | 97 |
| 61) 4-Nitroaniline | 15.77 | 138 | 73793 | 44.873 | ng | # | 81 |
| 62) Azobenzene | 16.04 | 77 | 347240 | 40.547 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 15.82 | 198 | 50141 | 42.813 | ng | | 90 |
| 65) n-Nitrosodiphenylamine | 15.96 | 169 | 307536 | 39.923 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.64 | 248 | 121131 | 39.214 | ng | | 92 |
| 67) Hexachlorobenzene | 16.75 | 284 | 125201 | 39.821 | ng | | 98 |
| 68) Atrazine | 16.90 | 200 | 130320 | 39.671 | ng | | 95 |
| 69) Pentachlorophenol | 17.09 | 266 | 90325 | 42.723 | ng | | 96 |
| 70) Phenanthrene | 17.49 | 178 | 517165 | 39.690 | ng | | 98 |
| 71) Anthracene | 17.59 | 178 | 517972 | 39.685 | ng | | 98 |
| 72) Carbazole | 17.84 | 167 | 478599 | 39.520 | ng | | 98 |
| 73) Di-n-butylphthalate | 18.42 | 149 | 572686 | 39.675 | ng | # | 99 |
| 74) Fluoranthene | 19.50 | 202 | 679395 | 40.069 | ng | | 97 |
| 76) Benzidine | 19.67 | 184 | 370663 | 39.196 | ng | # | 96 |
| 77) Pyrene | 19.86 | 202 | 676560 | 40.374 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.75 | 149 | 251822 | 41.385 | ng | | 96 |
| 80) Benzo(a)anthracene | 21.70 | 228 | 650748 | 40.062 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 21.62 | 252 | 252268 | 41.280 | ng | | 99 |
| 82) Chrysene | 21.77 | 228 | 595856 | 40.065 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 345048 | 40.132 | ng | | 99 |
| 84) Di-n-octyl phthalate | 22.88 | 149 | 602848 | 40.870 | ng | # | 94 |
| 85) Indeno(1,2,3-cd)pyrene | 28.69 | 276 | 714687 | 41.031 | ng | # | 86 |
| 87) Benzo(b)fluoranthene | 23.95 | 252 | 635753 | 40.152 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 24.02 | 252 | 628184 | 40.557 | ng | # | 97 |
| 89) Benzo(a)pyrene | 24.82 | 252 | 601315 | 40.359 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 28.75 | 278 | 587161 | 39.921 | ng | # | 97 |
| 91) Benzo(g,h,i)perylene | 29.83 | 276 | 580093 | 40.301 | ng | # | 94 |

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

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