Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057716.D
Acq On : 14 Jun 2023 20:48
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jun 15 01:24:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 03:52:08 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.935 | 152 | 33308 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.738 | 136 | 131621 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.569 | 164 | 89261 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.313 | 188 | 211167 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.572 | 240 | 182383 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.733 | 264 | 236849 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.509 | 112 | 170329 | 83.267 | ng | | 0.00 |
| 7) Phenol-d6 | 7.095 | 99 | 242198 | 77.072 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.099 | 82 | 196462 | 91.356 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.055 | 330 | 97543 | 97.950 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.194 | 172 | 460999 | 76.984 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.933 | 244 | 747158 | 75.741 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.423 | 88 | 38975 | 37.425 | ng | | 91 |
| 3) Pyridine | 3.817 | 79 | 112277 | 38.085 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.729 | 42 | 50714 | 35.270 | ng | | 87 |
| 6) Aniline | 7.266 | 93 | 150575 | 36.520 | ng | | 96 |
| 8) 2-Chlorophenol | 7.501 | 128 | 80257 | 40.921 | ng | | 99 |
| 9) Benzaldehyde | 7.078 | 77 | 70631 | 36.464 | ng | | 98 |
| 10) Phenol | 7.119 | 94 | 117585 | 38.292 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.360 | 93 | 88170 | 36.634 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.830 | 146 | 86218 | 38.003 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.971 | 146 | 87191 | 38.762 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.294 | 146 | 81856 | 37.453 | ng | | 97 |
| 15) Benzyl Alcohol | 8.170 | 79 | 87596 | 36.396 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.464 | 45 | 172994 | 33.010 | ng | | 98 |
| 17) 2-Methylphenol | 8.370 | 107 | 83862 | 37.113 | ng | | 95 |
| 18) Hexachloroethane | 9.022 | 117 | 30864 | 44.400 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.740 | 70 | 76352 | 33.602 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.699 | 107 | 115757 | 37.467 | ng | | 97 |
| 22) Acetophenone | 8.758 | 105 | 140803 | 36.823 | ng | | 97 |
| 24) Nitrobenzene | 9.140 | 77 | 101866 | 43.466 | ng | | 96 |
| 25) Isophorone | 9.663 | 82 | 215487 | 35.322 | ng | | 99 |
| 26) 2-Nitrophenol | 9.851 | 139 | 36052 | 57.004 | ng | # | 85 |
| 27) 2,4-Dimethylphenol | 9.909 | 122 | 83532 | 41.005 | ng | | 91 |
| 28) bis(2-Chloroethoxy)met... | 10.145 | 93 | 117503 | 37.051 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.380 | 162 | 78566 | 45.465 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.603 | 180 | 89375 | 39.793 | ng | | 96 |
| 31) Naphthalene | 10.791 | 128 | 272697 | 38.550 | ng | | 98 |
| 32) Benzoic acid | 10.021 | 122 | 59936 | 75.290 | ng | | 97 |
| 33) 4-Chloroaniline | 10.897 | 127 | 122132 | 37.083 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.073 | 225 | 54540 | 38.615 | ng | | 99 |
| 35) Caprolactam | 11.666 | 113 | 30688 | 43.049 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 12.013 | 107 | 98908 | 40.401 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.401 | 142 | 193448 | 36.964 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.618 | 142 | 182889 | 37.251 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.765 | 216 | 98593 | 39.019 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.747 | 237 | 53144 | 55.144 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 13.000 | 196 | 70024 | 43.179 | ng | | 100 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.070 | 196 | 83668 | 43.592 | ng | | 95 |
| 46) 1,1'-Biphenyl | 13.405 | 154 | 237279 | 38.474 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.447 | 162 | 184115 | 39.499 | ng | | 98 |
| 48) 2-Nitroaniline | 13.646 | 65 | 65397 | 50.957 | ng | | 95 |
| 49) Acenaphthylene | 14.293 | 152 | 314605 | 38.918 | ng | | 98 |
| 50) Dimethylphthalate | 14.028 | 163 | 253050 | 38.664 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.140 | 165 | 47788 | 49.495 | ng | | 92 |
| 52) Acenaphthene | 14.633 | 154 | 193368 | 39.906 | ng | | 100 |
| 53) 3-Nitroaniline | 14.469 | 138 | 55860 | 49.376 | ng | # | 93 |
| 54) 2,4-Dinitrophenol | 14.675 | 184 | 18841 | 57.628 | ng | | 98 |
| 55) Dibenzofuran | 14.968 | 168 | 305959 | 37.617 | ng | | 99 |
| 56) 4-Nitrophenol | 14.769 | 139 | 46576 | 51.934 | ng | | 91 |
| 57) 2,4-Dinitrotoluene | 14.927 | 165 | 66291 | 51.884 | ng | # | 98 |
| 58) Fluorene | 15.615 | 166 | 242828 | 37.478 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.192 | 232 | 68716 | 43.007 | ng | | 97 |
| 60) Diethylphthalate | 15.391 | 149 | 265310 | 39.271 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.609 | 204 | 127744 | 36.802 | ng | | 97 |
| 62) 4-Nitroaniline | 15.638 | 138 | 57274 | 46.296 | ng | | 94 |
| 63) Azobenzene | 15.902 | 77 | 270213 | 37.198 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.685 | 198 | 32161 | 59.775 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 15.826 | 169 | 216962 | 39.304 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.508 | 248 | 84366 | 39.237 | ng | | 97 |
| 68) Hexachlorobenzene | 16.619 | 284 | 86421 | 38.459 | ng | | 100 |
| 69) Atrazine | 16.772 | 200 | 80198 | 43.667 | ng | | 99 |
| 70) Pentachlorophenol | 16.960 | 266 | 70054 | 51.928 | ng | | 96 |
| 71) Phenanthrene | 17.360 | 178 | 396908 | 38.518 | ng | | 100 |
| 72) Anthracene | 17.448 | 178 | 415316 | 39.786 | ng | | 100 |
| 73) Carbazole | 17.712 | 167 | 390561 | 40.399 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.282 | 149 | 490849 | 45.807 | ng | | 99 |
| 75) Fluoranthene | 19.369 | 202 | 493663 | 39.769 | ng | | 100 |
| 77) Benzidine | 19.545 | 184 | 184778 | 42.499 | ng | | 98 |
| 78) Pyrene | 19.727 | 202 | 508868 | 39.214 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.620 | 149 | 220616 | 46.822 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.555 | 228 | 493080 | 39.148 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.472 | 252 | 172707 | 42.097 | ng | | 99 |
| 83) Chrysene | 21.619 | 228 | 469776 | 39.191 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.472 | 149 | 314014 | 49.118 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.671 | 149 | 570160 | 51.721 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 28.341 | 276 | 593919 | 38.755 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.729 | 252 | 484601 | 37.715 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.799 | 252 | 493956 | 37.067 | ng | | 97 |
| 90) Benzo(a)pyrene | 24.586 | 252 | 483312 | 38.257 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 28.405 | 278 | 490142 | 38.703 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.463 | 276 | 491826 | 38.910 | ng | | 98 |

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

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