Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
Data File : BG056924.D
Acq On : 30 Mar 2023 14:42
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

Quant Time: Mar 30 15:50:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 15:48:01 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.416 | 152 | 20823 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.259 | 136 | 83766 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 15.031 | 164 | 66418 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.774 | 188 | 165056 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 22.097 | 240 | 154024 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.646 | 264 | 168601 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.919 | 112 | 105556 | 82.479 | ng | 0.00 |
| 7) Phenol-d6 | 7.541 | 99 | 163184 | 86.321 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.597 | 82 | 165743 | 101.309 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.511 | 330 | 87406 | 96.120 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.662 | 172 | 390718 | 78.773 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.341 | 244 | 720691 | 76.555 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.728 | 88 | 24078 | 42.914 | ng | 100 |
| 3) Pyridine | 4.151 | 79 | 77641 | 43.748 | ng | 100 |
| 4) n-Nitrosodimethylamine | 4.057 | 42 | 34752 | 42.009 | ng | 100 |
| 6) Aniline | 7.723 | 93 | 104127 | 39.633 | ng | 100 |
| 8) 2-Chlorophenol | 7.969 | 128 | 52372 | 41.360 | ng | 100 |
| 9) Benzaldehyde | 7.535 | 77 | 52037 | 52.050 | ng | 100 |
| 10) Phenol | 7.570 | 94 | 78721 | 40.708 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.811 | 93 | 56272 | 38.783 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 8.304 | 146 | 57627 | 38.198 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 8.451 | 146 | 58403 | 38.440 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.780 | 146 | 56723 | 38.841 | ng | 100 |
| 15) Benzyl Alcohol | 8.645 | 79 | 67177 | 39.686 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.933 | 45 | 65625 | 33.689 | ng | 100 |
| 17) 2-Methylphenol | 8.845 | 107 | 56491 | 41.569 | ng | 100 |
| 18) Hexachloroethane | 9.520 | 117 | 21879 | 45.460 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 9.215 | 70 | 57150 | 40.382 | ng | 100 |
| 20) 3+4-Methylphenols | 9.174 | 107 | 78141 | 41.858 | ng | 100 |
| 22) Acetophenone | 9.244 | 105 | 100170 | 39.137 | ng | 100 |
| 24) Nitrobenzene | 9.638 | 77 | 83359 | 48.666 | ng | 100 |
| 25) Isophorone | 10.155 | 82 | 159336 | 40.018 | ng | 100 |
| 26) 2-Nitrophenol | 10.354 | 139 | 33335 | 49.485 | ng | 100 |
| 27) 2,4-Dimethylphenol | 10.396 | 122 | 57340 | 37.249 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 10.631 | 93 | 78110 | 38.494 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.889 | 162 | 61086 | 40.039 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 11.118 | 180 | 64805 | 35.657 | ng | 100 |
| 31) Naphthalene | 11.312 | 128 | 183176 | 39.456 | ng | 100 |
| 32) Benzoic acid | 10.513 | 122 | 44685 | 45.038 | ng | 100 |
| 33) 4-Chloroaniline | 11.406 | 127 | 84057 | 39.630 | ng | 100 |
| 34) Hexachlorobutadiene | 11.588 | 225 | 48856 | 37.616 | ng | 100 |
| 35) Caprolactam | 12.170 | 113 | 21233 | 43.270 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 12.493 | 107 | 69133 | 41.090 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.886 | 142 | 146387 | 39.935 | ng | 100 |
| 38) 1-Methylnaphthalene | 13.104 | 142 | 135503 | 39.615 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 13.245 | 216 | 93291 | 37.784 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 13.221 | 237 | 54670 | 40.824 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 13.474 | 196 | 60358 | 40.291 | ng | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.544 | 196 | 70583 | 39.313 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.867 | 154 | 194841 | 38.726 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.920 | 162 | 143861 | 36.133 | ng | 100 |
| 48) 2-Nitroaniline | 14.114 | 65 | 52818 | 54.825 | ng | 100 |
| 49) Acenaphthylene | 14.760 | 152 | 236378 | 36.539 | ng | 100 |
| 50) Dimethylphthalate | 14.467 | 163 | 214751 | 39.113 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.590 | 165 | 46237 | 47.955 | ng | 100 |
| 52) Acenaphthene | 15.101 | 154 | 165023 | 41.354 | ng | 100 |
| 53) 3-Nitroaniline | 14.925 | 138 | 45149 | 42.362 | ng | 100 |
| 54) 2,4-Dinitrophenol | 15.130 | 184 | 27597 | 43.507 | ng | 100 |
| 55) Dibenzofuran | 15.430 | 168 | 248066 | 36.796 | ng | 100 |
| 56) 4-Nitrophenol | 15.213 | 139 | 33411 | 40.916 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 15.377 | 165 | 65438 | 48.869 | ng | 100 |
| 58) Fluorene | 16.076 | 166 | 202908 | 38.066 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.647 | 232 | 65756 | 41.788 | ng | 100 |
| 60) Diethylphthalate | 15.818 | 149 | 212376 | 38.346 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 16.053 | 204 | 118937 | 36.524 | ng | 100 |
| 62) 4-Nitroaniline | 16.082 | 138 | 47349 | 42.628 | ng | 100 |
| 63) Azobenzene | 16.346 | 77 | 210933 | 38.054 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 16.141 | 198 | 41017 | 48.122 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 16.264 | 169 | 175668 | 36.584 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.951 | 248 | 79847 | 37.679 | ng | 100 |
| 68) Hexachlorobenzene | 17.075 | 284 | 80640 | 37.350 | ng | 100 |
| 69) Atrazine | 17.198 | 200 | 74004 | 40.136 | ng | 100 |
| 70) Pentachlorophenol | 17.416 | 266 | 59048 | 41.297 | ng | 100 |
| 71) Phenanthrene | 17.815 | 178 | 333137 | 37.098 | ng | 100 |
| 72) Anthracene | 17.909 | 178 | 344118 | 37.451 | ng | 100 |
| 73) Carbazole | 18.167 | 167 | 301229 | 38.030 | ng | 100 |
| 74) Di-n-butylphthalate | 18.696 | 149 | 350813 | 39.576 | ng | 100 |
| 75) Fluoranthene | 19.801 | 202 | 423336 | 35.728 | ng | 100 |
| 77) Benzidine | 19.965 | 184 | 171067 | 46.436 | ng | 100 |
| 78) Pyrene | 20.165 | 202 | 422871 | 36.353 | ng | 100 |
| 80) Butylbenzylphthalate | 21.022 | 149 | 148459 | 42.501 | ng | 100 |
| 81) Benzo(a)anthracene | 22.074 | 228 | 426653 | 37.248 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.974 | 252 | 144490 | 38.880 | ng | 100 |
| 83) Chrysene | 22.150 | 228 | 397387 | 37.111 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.933 | 149 | 217717 | 41.595 | ng | 100 |
| 85) Di-n-octyl phthalate | 23.255 | 149 | 364354 | 41.881 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 29.752 | 276 | 501978 | 38.016 | ng | 100 |
| 88) Benzo(b)fluoranthene | 24.512 | 252 | 425080 | 38.592 | ng | 100 |
| 89) Benzo(k)fluoranthene | 24.582 | 252 | 432594 | 39.938 | ng | 100 |
| 90) Benzo(a)pyrene | 25.481 | 252 | 421718 | 39.831 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 29.822 | 278 | 411102 | 37.591 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 31.044 | 276 | 402808 | 37.695 | ng | 100 |

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

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