Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110520\
Data File : BG047225.D
Acq On : 5 Nov 2020 18:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 06 02:17:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.004 | 152 | 49834 | 20.00 | ng | # | 0.00 |
| 21) Naphthalene-d8 | 10.818 | 136 | 189492 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.643 | 164 | 135238 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.387 | 188 | 333166 | 20.00 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.646 | 240 | 345804 | 20.00 | ng | # | 0.00 |
| 86) Perylene-d12 | 24.831 | 264 | 362498 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.559 | 112 | 246790 | 80.27 | ng | | 0.00 |
| 7) Phenol-d6 | 7.163 | 99 | 361039 | 81.12 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.173 | 82 | 362183 | 82.03 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.129 | 330 | 197461 | 87.19 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.262 | 172 | 855458 | 81.13 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.995 | 244 | 1650349 | 83.93 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.432 | 88 | 56249 | 36.94 | ng | # | 94 |
| 3) Pyridine | 3.832 | 79 | 157969 | 38.79 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.750 | 42 | 82987 | 40.64 | ng | # | 74 |
| 6) Aniline | 7.328 | 93 | 210785 | 40.12 | ng | | 94 |
| 8) 2-Chlorophenol | 7.569 | 128 | 129975 | 39.82 | ng | | 93 |
| 9) Benzaldehyde | 7.140 | 77 | 122397 | 40.88 | ng | | 96 |
| 10) Phenol | 7.187 | 94 | 169674 | 40.19 | ng | | 76 |
| 11) bis(2-Chloroethyl)ether | 7.422 | 93 | 133989 | 40.01 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.898 | 146 | 165901 | 39.05 | ng | # | 93 |
| 13) 1,4-Dichlorobenzene | 8.045 | 146 | 168513 | 39.50 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.362 | 146 | 157673 | 38.97 | ng | | 95 |
| 15) Benzyl Alcohol | 8.239 | 79 | 143656 | 42.00 | ng | | 89 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.538 | 45 | 204031 | 39.48 | ng | | 97 |
| 17) 2-Methylphenol | 8.444 | 107 | 113120 | 39.59 | ng | # | 87 |
| 18) Hexachloroethane | 9.091 | 117 | 62005 | 39.70 | ng | | 91 |
| 19) n-Nitroso-di-n-propyla... | 8.808 | 70 | 117517 | 40.18 | ng | | 91 |
| 20) 3+4-Methylphenols | 8.773 | 107 | 161285 | 42.14 | ng | | 89 |
| 22) Acetophenone | 8.826 | 105 | 216663 | 39.65 | ng | | 92 |
| 24) Nitrobenzene | 9.214 | 77 | 177302 | 39.46 | ng | # | 86 |
| 25) Isophorone | 9.731 | 82 | 307145 | 40.60 | ng | # | 95 |
| 26) 2-Nitrophenol | 9.925 | 139 | 79206 | 40.88 | ng | # | 74 |
| 27) 2,4-Dimethylphenol | 9.978 | 122 | 106289 | 40.85 | ng | | 88 |
| 28) bis(2-Chloroethoxy)met... | 10.219 | 93 | 185326 | 40.47 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 10.460 | 162 | 151144 | 42.04 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.677 | 180 | 180188 | 40.66 | ng | | 97 |
| 31) Naphthalene | 10.865 | 128 | 432955 | 39.90 | ng | | 98 |
| 32) Benzoic acid | 10.113 | 122 | 82584 | 37.17 | ng | # | 80 |
| 33) 4-Chloroaniline | 10.971 | 127 | 185174 | 40.57 | ng | # | 91 |
| 34) Hexachlorobutadiene | 11.153 | 225 | 134714 | 40.17 | ng | | 97 |
| 35) Caprolactam | 11.740 | 113 | 51586 | 43.91 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.093 | 107 | 157094 | 42.87 | ng | | 91 |
| 37) 2-Methylnaphthalene | 12.469 | 142 | 334048 | 40.97 | ng | # | 94 |
| 38) 1-Methylnaphthalene | 12.692 | 142 | 317781 | 41.01 | ng | | 95 |
| 40) 1,2,4,5-Tetrachloroben... | 12.839 | 216 | 219186 | 41.05 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.816 | 237 | 114877 | 41.51 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 13.074 | 196 | 146325 | 42.15 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.145 | 196 | 150371 | 42.66 | ng | # | 95 |
| 46) 1,1'-Biphenyl | 13.474 | 154 | 449248 | 40.58 | ng | | 95 |
| 47) 2-Chloronaphthalene | 13.521 | 162 | 374185 | 41.43 | ng | | 98 |
| 48) 2-Nitroaniline | 13.720 | 65 | 126110 | 42.13 | ng | # | 81 |
| 49) Acenaphthylene | 14.367 | 152 | 539647 | 40.85 | ng | | 98 |
| 50) Dimethylphthalate | 14.096 | 163 | 495697 | 41.50 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.214 | 165 | 107398 | 43.36 | ng | # | 69 |
| 52) Acenaphthene | 14.707 | 154 | 353820 | 41.90 | ng | | 97 |
| 53) 3-Nitroaniline | 14.543 | 138 | 106999 | 43.39 | ng | # | 76 |
| 54) 2,4-Dinitrophenol | 14.749 | 184 | 67803 | 42.66 | ng | # | 72 |
| 55) Dibenzofuran | 15.042 | 168 | 564896 | 40.68 | ng | | 96 |
| 56) 4-Nitrophenol | 14.843 | 139 | 83836 | 43.89 | ng | # | 59 |
| 57) 2,4-Dinitrotoluene | 15.001 | 165 | 152787 | 42.24 | ng | # | 81 |
| 58) Fluorene | 15.689 | 166 | 466383 | 41.79 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.266 | 232 | 156468 | 42.28 | ng | # | 96 |
| 60) Diethylphthalate | 15.454 | 149 | 497364 | 42.16 | ng | | 96 |
| 61) 4-Chlorophenyl-phenyle... | 15.683 | 204 | 276070 | 41.77 | ng | | 99 |
| 62) 4-Nitroaniline | 15.706 | 138 | 115695 | 43.69 | ng | # | 60 |
| 63) Azobenzene | 15.971 | 77 | 436163 | 41.25 | ng | | 89 |
| 65) 4,6-Dinitro-2-methylph... | 15.765 | 198 | 96043 | 41.46 | ng | | 84 |
| 66) n-Nitrosodiphenylamine | 15.894 | 169 | 412603 | 40.26 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.576 | 248 | 195773 | 42.07 | ng | | 98 |
| 68) Hexachlorobenzene | 16.693 | 284 | 206207 | 40.79 | ng | | 95 |
| 69) Atrazine | 16.840 | 200 | 181518 | 41.41 | ng | | 98 |
| 70) Pentachlorophenol | 17.034 | 266 | 120304 | 43.67 | ng | | 94 |
| 71) Phenanthrene | 17.428 | 178 | 794728 | 41.10 | ng | | 98 |
| 72) Anthracene | 17.522 | 178 | 766391 | 40.80 | ng | | 97 |
| 73) Carbazole | 17.786 | 167 | 684051 | 41.25 | ng | | 97 |
| 74) Di-n-butylphthalate | 18.344 | 149 | 849428 | 41.89 | ng | # | 97 |
| 75) Fluoranthene | 19.437 | 202 | 1010727 | 41.04 | ng | | 97 |
| 77) Benzidine | 19.613 | 184 | 482369 | 41.59 | ng | | 97 |
| 78) Pyrene | 19.796 | 202 | 1013896 | 42.10 | ng | | 97 |
| 80) Butylbenzylphthalate | 20.677 | 149 | 396529 | 43.65 | ng | | 92 |
| 81) Benzo(a)anthracene | 21.629 | 228 | 1020876 | 41.65 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.541 | 252 | 363326 | 42.84 | ng | # | 99 |
| 83) Chrysene | 21.693 | 228 | 984387 | 41.72 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.529 | 149 | 550054 | 43.29 | ng | | 95 |
| 85) Di-n-octyl phthalate | 22.727 | 149 | 912358 | 42.72 | ng | # | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 28.474 | 276 | 1150361 | 41.81 | ng | # | 93 |
| 88) Benzo(b)fluoranthene | 23.826 | 252 | 1054570 | 42.61 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 23.891 | 252 | 984639 | 40.73 | ng | # | 96 |
| 90) Benzo(a)pyrene | 24.684 | 252 | 963554 | 41.72 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 28.538 | 278 | 938957 | 41.93 | ng | # | 96 |
| 92) Benzo(g,h,i)perylene | 29.614 | 276 | 920481 | 41.45 | ng | # | 94 |

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

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