Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
Data File : BG057461.D
Acq On : 19 May 2023 10:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 20 04:46:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.362 | 152 | 18292 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.199 | 136 | 73154 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.976 | 164 | 57729 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.714 | 188 | 143091 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 22.020 | 240 | 129187 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.515 | 264 | 141785 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.871 | 112 | 86428 | 80.825 | ng | | 0.00 |
| 7) Phenol-d6 | 7.498 | 99 | 133605 | 82.279 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.537 | 82 | 133930 | 76.840 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.457 | 330 | 69192 | 84.472 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.602 | 172 | 347885 | 81.160 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.281 | 244 | 617693 | 78.028 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.674 | 88 | 17847 | 40.365 | ng | | 95 |
| 3) Pyridine | 4.103 | 79 | 57831 | 40.700 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 4.009 | 42 | 24807 | 37.151 | ng | | 93 |
| 6) Aniline | 7.674 | 93 | 81695 | 39.659 | ng | | 98 |
| 8) 2-Chlorophenol | 7.921 | 128 | 46181 | 40.871 | ng | | 97 |
| 9) Benzaldehyde | 7.486 | 77 | 32443 | 37.182 | ng | | 97 |
| 10) Phenol | 7.527 | 94 | 63995 | 40.428 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.762 | 93 | 46703 | 39.127 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 8.250 | 146 | 49919 | 40.028 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.397 | 146 | 51632 | 41.218 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.720 | 146 | 49924 | 41.284 | ng | | 93 |
| 15) Benzyl Alcohol | 8.597 | 79 | 51332 | 37.946 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.879 | 45 | 55747 | 37.055 | ng | | 97 |
| 17) 2-Methylphenol | 8.796 | 107 | 46584 | 40.825 | ng | | 97 |
| 18) Hexachloroethane | 9.454 | 117 | 18518 | 40.964 | ng | | 89 |
| 19) n-Nitroso-di-n-propyla... | 9.161 | 70 | 46665 | 37.688 | ng | | 97 |
| 20) 3+4-Methylphenols | 9.125 | 107 | 62986 | 40.313 | ng | | 97 |
| 22) Acetophenone | 9.190 | 105 | 81828 | 39.082 | ng | # | 96 |
| 24) Nitrobenzene | 9.584 | 77 | 67574 | 38.411 | ng | | 93 |
| 25) Isophorone | 10.100 | 82 | 124821 | 36.931 | ng | | 97 |
| 26) 2-Nitrophenol | 10.300 | 139 | 29107 | 43.225 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.341 | 122 | 48468 | 41.105 | ng | | 92 |
| 28) bis(2-Chloroethoxy)met... | 10.570 | 93 | 64852 | 38.301 | ng | | 93 |
| 29) 2,4-Dichlorophenol | 10.841 | 162 | 53886 | 43.088 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 11.052 | 180 | 58552 | 40.592 | ng | | 95 |
| 31) Naphthalene | 11.246 | 128 | 160422 | 41.019 | ng | | 98 |
| 32) Benzoic acid | 10.488 | 122 | 24442 | 37.132 | ng | | 97 |
| 33) 4-Chloroaniline | 11.352 | 127 | 71044 | 40.451 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.516 | 225 | 43884 | 41.001 | ng | | 94 |
| 35) Caprolactam | 12.121 | 113 | 17567 | 41.122 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 12.444 | 107 | 59830 | 42.098 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.826 | 142 | 127573 | 41.488 | ng | | 94 |
| 38) 1-Methylnaphthalene | 13.044 | 142 | 119635 | 41.278 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 13.190 | 216 | 83992 | 40.983 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 13.161 | 237 | 38069 | 41.899 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.419 | 196 | 51866 | 41.540 | ng | | 98 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.502 | 196 | 61531 | 41.895 | ng | 95 |
| 46) 1,1'-Biphenyl | 13.813 | 154 | 171899 | 40.129 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.866 | 162 | 130451 | 40.952 | ng | 99 |
| 48) 2-Nitroaniline | 14.060 | 65 | 42795 | 39.511 | ng | 90 |
| 49) Acenaphthylene | 14.700 | 152 | 208328 | 40.255 | ng | 99 |
| 50) Dimethylphthalate | 14.412 | 163 | 181804 | 38.324 | ng | 98 |
| 51) 2,6-Dinitrotoluene | 14.541 | 165 | 39692 | 40.979 | ng | 94 |
| 52) Acenaphthene | 15.035 | 154 | 128187 | 39.639 | ng | 99 |
| 53) 3-Nitroaniline | 14.876 | 138 | 39168 | 40.365 | ng | 87 |
| 54) 2,4-Dinitrophenol | 15.088 | 184 | 18073 | 33.195 | ng | 97 |
| 55) Dibenzofuran | 15.370 | 168 | 219500 | 40.398 | ng | 99 |
| 56) 4-Nitrophenol | 15.182 | 139 | 24846 | 38.499 | ng | 89 |
| 57) 2,4-Dinitrotoluene | 15.329 | 165 | 56822 | 41.048 | ng | 95 |
| 58) Fluorene | 16.016 | 166 | 180422 | 40.313 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.593 | 232 | 56000 | 42.056 | ng | 97 |
| 60) Diethylphthalate | 15.752 | 149 | 182369 | 37.854 | ng | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.992 | 204 | 107005 | 39.688 | ng | 97 |
| 62) 4-Nitroaniline | 16.034 | 138 | 40377 | 41.247 | ng | 97 |
| 63) Azobenzene | 16.286 | 77 | 169740 | 36.517 | ng | 96 |
| 65) 4,6-Dinitro-2-methylph... | 16.092 | 198 | 35636 | 41.713 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 16.210 | 169 | 155501 | 40.012 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.885 | 248 | 70907 | 40.593 | ng | 97 |
| 68) Hexachlorobenzene | 17.020 | 284 | 71958 | 42.391 | ng | 97 |
| 69) Atrazine | 17.138 | 200 | 61619 | 41.564 | ng | 99 |
| 70) Pentachlorophenol | 17.367 | 266 | 33653 | 34.400 | ng | 96 |
| 71) Phenanthrene | 17.755 | 178 | 296664 | 40.460 | ng | 100 |
| 72) Anthracene | 17.849 | 178 | 304108 | 40.421 | ng | 98 |
| 73) Carbazole | 18.113 | 167 | 254971 | 40.256 | ng | 99 |
| 74) Di-n-butylphthalate | 18.630 | 149 | 297649 | 40.845 | ng | 98 |
| 75) Fluoranthene | 19.746 | 202 | 367152 | 40.261 | ng | 98 |
| 77) Benzidine | 19.911 | 184 | 94713 | 32.794 | ng | 98 |
| 78) Pyrene | 20.105 | 202 | 374039 | 39.844 | ng | 99 |
| 80) Butylbenzylphthalate | 20.956 | 149 | 129064 | 43.331 | ng | 96 |
| 81) Benzo(a)anthracene | 21.996 | 228 | 370144 | 40.215 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.896 | 252 | 120101 | 40.738 | ng | 96 |
| 83) Chrysene | 22.072 | 228 | 348611 | 40.255 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.843 | 149 | 184895 | 41.955 | ng | 99 |
| 85) Di-n-octyl phthalate | 23.136 | 149 | 316043 | 43.016 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 29.562 | 276 | 418634 | 40.512 | ng | 99 |
| 88) Benzo(b)fluoranthene | 24.393 | 252 | 362874 | 39.152 | ng | 100 |
| 89) Benzo(k)fluoranthene | 24.469 | 252 | 371594 | 39.454 | ng | 99 |
| 90) Benzo(a)pyrene | 25.356 | 252 | 355603 | 39.272 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 29.609 | 278 | 347759 | 40.411 | ng | 96 |
| 92) Benzo(g,h,i)perylene | 30.837 | 276 | 338329 | 40.264 | ng | 99 |

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

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