Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020325\
Data File : BG063976.D
Acq On : 3 Feb 2025 11:56
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

Quant Time: Feb 04 02:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 04 02:44:47 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.873 | 152 | 44732 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.663 | 136 | 206910 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.494 | 164 | 150510 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.238 | 188 | 363622 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.468 | 240 | 424138 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.488 | 264 | 422465 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.452 | 112 | 23509 | 8.426 | ng | | 0.00 |
| 7) Phenol-d6 | 7.032 | 99 | 34391 | 8.982 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 0.000 | 82 | 0d | 0.000 | ng | | |
| 42) 2,4,6-Tribromophenol | 0.000 | 330 | 0d | 0.000 | ng | | |
| 45) 2-Fluorobiphenyl | 13.119 | 172 | 98850 | 10.063 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.859 | 244 | 213179 | 10.497 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.384 | 88 | 6951 | 5.246 | ng | | 98 |
| 3) Pyridine | 3.772 | 79 | 17441 | 4.873 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.683 | 42 | 9612 | 4.672 | ng | # | 93 |
| 6) Aniline | 7.197 | 93 | 20508 | 4.998 | ng | | 98 |
| 8) 2-Chlorophenol | 7.438 | 128 | 11388 | 4.006 | ng | | 94 |
| 9) Benzaldehyde | 7.009 | 77 | 10197 | 4.879 | ng | | 90 |
| 10) Phenol | 7.056 | 94 | 18408 | 4.567 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.297 | 93 | 16734 | 5.156 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.761 | 146 | 17308 | 5.116 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.908 | 146 | 17637 | 5.162 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 8.219 | 146 | 16538 | 5.050 | ng | | 94 |
| 15) Benzyl Alcohol | 8.102 | 79 | 12607 | 4.405 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.401 | 45 | 33346 | 5.103 | ng | | 97 |
| 17) 2-Methylphenol | 8.307 | 107 | 11680 | 4.481 | ng | | 89 |
| 18) Hexachloroethane | 8.954 | 117 | 5167 | 4.595 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 8.672 | 70 | 13015 | 4.909 | ng | # | 97 |
| 20) 3+4-Methylphenols | 8.631 | 107 | 14960 | 4.308 | ng | | 96 |
| 22) Acetophenone | 8.683 | 105 | 28008 | 4.927 | ng | | 98 |
| 24) Nitrobenzene | 9.065 | 77 | 10249 | 6.222 | ng | | 94 |
| 25) Isophorone | 9.588 | 82 | 35059 | 4.750 | ng | # | 98 |
| 26) 2-Nitrophenol | 9.770 | 139 | 2167 | 3.777 | ng | # | 83 |
| 27) 2,4-Dimethylphenol | 9.835 | 122 | 8453 | 3.982 | ng | | 88 |
| 28) bis(2-Chloroethoxy)met... | 10.076 | 93 | 21986 | 4.682 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.311 | 162 | 7983 | 6.350 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.522 | 180 | 17000 | 4.874 | ng | | 95 |
| 31) Naphthalene | 10.710 | 128 | 55706 | 5.022 | ng | | 97 |
| 33) 4-Chloroaniline | 10.816 | 127 | 20467 | 4.815 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.010 | 225 | 10503 | 4.729 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 11.933 | 107 | 13212 | 3.888 | ng | # | 94 |
| 37) 2-Methylnaphthalene | 12.320 | 142 | 39386 | 5.095 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.538 | 142 | 40640 | 5.313 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.685 | 216 | 21324 | 4.804 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.679 | 237 | 3394 | 2.834 | ng | | 83 |
| 43) 2,4,6-Trichlorophenol | 12.925 | 196 | 5463 | 6.777 | ng | | 87 |
| 44) 2,4,5-Trichlorophenol | 12.996 | 196 | 6632 | 6.014 | ng | | 88 |
| 46) 1,1'-Biphenyl | 13.331 | 154 | 57237 | 4.995 | ng | | 94 |

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|---|---|---|---|---|---|---|---|
| 47) 2-Chloronaphthalene | 13.366 | 162 | 38700 | 4.633 | ng | | 99 |
| 48) 2-Nitroaniline | 13.560 | 65 | 4447 | 6.486 | ng | | 93 |
| 49) Acenaphthylene | 14.212 | 152 | 61714 | 4.757 | ng | | 99 |
| 50) Dimethylphthalate | 13.954 | 163 | 38723 | 3.880 | ng | | 97 |
| 51) 2,6-Dinitrotoluene | 14.059 | 165 | 3474 | 6.308 | ng | | 91 |
| 52) Acenaphthene | 14.559 | 154 | 41919 | 4.817 | ng | | 95 |
| 53) 3-Nitroaniline | 14.388 | 138 | 4253 | 7.043 | ng | # | 87 |
| 55) Dibenzofuran | 14.894 | 168 | 70135 | 4.963 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.847 | 165 | 4695 | 6.839 | ng | # | 87 |
| 58) Fluorene | 15.546 | 166 | 56205 | 5.146 | ng | | 96 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.111 | 232 | 5485 | 6.936 | ng | # | 77 |
| 60) Diethylphthalate | 15.323 | 149 | 39972 | 3.778 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.540 | 204 | 29007 | 5.293 | ng | | 98 |
| 62) 4-Nitroaniline | 15.546 | 138 | 6135 | 6.320 | ng | | 88 |
| 63) Azobenzene | 15.834 | 77 | 63559 | 5.086 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 15.752 | 169 | 49093 | 4.869 | ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 16.433 | 248 | 16670 | 4.606 | ng | | 97 |
| 68) Hexachlorobenzene | 16.545 | 284 | 20705 | 4.866 | ng | | 97 |
| 69) Atrazine | 16.703 | 200 | 12851 | 3.830 | ng | | 86 |
| 71) Phenanthrene | 17.273 | 178 | 95874 | 5.020 | ng | | 97 |
| 72) Anthracene | 17.367 | 178 | 95726 | 5.009 | ng | | 98 |
| 73) Carbazole | 17.632 | 167 | 89215 | 4.987 | ng | | 97 |
| 74) Di-n-butylphthalate | 18.213 | 149 | 60998 | 3.271 | ng | | 98 |
| 75) Fluoranthene | 19.289 | 202 | 119253 | 5.128 | ng | | 100 |
| 77) Benzidine | 19.471 | 184 | 29139 | 3.226 | ng | # | 96 |
| 78) Pyrene | 19.647 | 202 | 129379 | 4.941 | ng | | 96 |
| 80) Butylbenzylphthalate | 20.558 | 149 | 15902 | 7.094 | ng | # | 86 |
| 81) Benzo(a)anthracene | 21.445 | 228 | 132362 | 4.915 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.369 | 252 | 28005 | 3.339 | ng | | 97 |
| 83) Chrysene | 21.510 | 228 | 134964 | 5.036 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.398 | 149 | 28808 | 6.250 | ng | | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 27.890 | 276 | 121101 | 4.443 | ng | # | 73 |
| 88) Benzo(b)fluoranthene | 23.537 | 252 | 115485 | 4.642 | ng | | 96 |
| 89) Benzo(k)fluoranthene | 23.595 | 252 | 120118 | 4.702 | ng | | 96 |
| 90) Benzo(a)pyrene | 24.342 | 252 | 101336 | 4.564 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 27.949 | 278 | 103956 | 4.517 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 28.936 | 276 | 103585 | 4.459 | ng | | 98 |

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

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