Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029710.D
Acq On : 29 Apr 2021 15:15
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDICC050

Quant Time: Apr 29 15:52:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 15:25:42 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.598 | 152 | 69410 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.375 | 136 | 252732 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.245 | 164 | 158057 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.992 | 188 | 376804 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.180 | 240 | 414560 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.350 | 264 | 430123 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.193 | 112 | 336049 | 97.06 | ng | | 0.00 |
| 7) Phenol-d6 | 6.781 | 99 | 459710 | 88.90 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.751 | 82 | 439478 | 89.56 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.739 | 330 | 260792 | 119.31 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.863 | 172 | 1223834 | 105.09 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.627 | 244 | 2355266 | 107.71 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.122 | 88 | 61267 | 43.90 | ng | | 95 |
| 3) Pyridine | 3.528 | 79 | 126934 | 35.68 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.440 | 42 | 63591 | 36.43 | ng | | 85 |
| 6) Aniline | 6.934 | 93 | 246328 | 43.33 | ng | | 96 |
| 8) 2-Chlorophenol | 7.163 | 128 | 204250 | 47.45 | ng | | 93 |
| 9) Benzaldehyde | 6.745 | 77 | 87549 | 29.78 | ng | | 97 |
| 10) Phenol | 6.810 | 94 | 218841 | 43.67 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.034 | 93 | 171647 | 44.90 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.487 | 146 | 239114 | 48.20 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.634 | 146 | 250790 | 49.37 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.945 | 146 | 243200 | 48.03 | ng | | 98 |
| 15) Benzyl Alcohol | 7.845 | 79 | 161395 | 42.96 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.122 | 45 | 182383 | 36.19 | ng | | 96 |
| 17) 2-Methylphenol | 8.045 | 107 | 156064 | 44.69 | ng | | 96 |
| 18) Hexachloroethane | 8.663 | 117 | 89258 | 48.66 | ng | | 88 |
| 19) n-Nitroso-di-n-propyla... | 8.410 | 70 | 147365 | 39.07 | ng | | 90 |
| 20) 3+4-Methylphenols | 8.375 | 107 | 209425 | 43.60 | ng | | 96 |
| 22) Acetophenone | 8.422 | 105 | 284514 | 46.96 | ng | | 95 |
| 24) Nitrobenzene | 8.792 | 77 | 218071 | 43.94 | ng | | 94 |
| 25) Isophorone | 9.322 | 82 | 395959 | 42.94 | ng | | 96 |
| 26) 2-Nitrophenol | 9.498 | 139 | 117424 | 54.76 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 9.569 | 122 | 160056 | 48.32 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.804 | 93 | 215918 | 47.39 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.033 | 162 | 227759 | 52.13 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.245 | 180 | 270391 | 53.73 | ng | | 98 |
| 31) Naphthalene | 10.428 | 128 | 636900 | 49.01 | ng | | 99 |
| 32) Benzoic acid | 9.739 | 122 | 124706 | 48.86 | ng | | 93 |
| 33) 4-Chloroaniline | 10.545 | 127 | 250238 | 48.83 | ng | | 96 |
| 34) Hexachlorobutadiene | 10.710 | 225 | 187334 | 58.47 | ng | | 97 |
| 35) Caprolactam | 11.339 | 113 | 56043 | 42.36 | ng | | 86 |
| 36) 4-Chloro-3-methylphenol | 11.680 | 107 | 194825 | 45.63 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.045 | 142 | 492036 | 47.30 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.269 | 142 | 466393 | 47.02 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.422 | 216 | 314409 | 66.34 | ng | # | 97 |
| 41) Hexachlorocyclopentadiene | 12.398 | 237 | 164046 | 62.02 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.669 | 196 | 203912 | 62.58 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.739 | 196 | 204925 | 56.97 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.074 | 154 | 593719 | 51.39 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.116 | 162 | 481309 | 52.06 | ng | | 98 |
| 48) 2-Nitroaniline | 13.327 | 65 | 105028 | 45.18 | ng | | 92 |
| 49) Acenaphthylene | 13.969 | 152 | 723714 | 51.05 | ng | | 100 |
| 50) Dimethylphthalate | 13.716 | 163 | 601804 | 50.38 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.833 | 165 | 139716 | 53.13 | ng | # | 82 |
| 52) Acenaphthene | 14.310 | 154 | 451323 | 50.82 | ng | | 98 |
| 53) 3-Nitroaniline | 14.163 | 138 | 113665 | 51.77 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.374 | 184 | 84198 | 58.19 | ng | # | 81 |
| 55) Dibenzofuran | 14.645 | 168 | 766058 | 51.09 | ng | | 96 |
| 56) 4-Nitrophenol | 14.480 | 139 | 94128 | 48.39 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 14.627 | 165 | 188386 | 53.05 | ng | # | 86 |
| 58) Fluorene | 15.298 | 166 | 632275 | 50.22 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.880 | 232 | 189617 | 59.24 | ng | # | 89 |
| 60) Diethylphthalate | 15.086 | 149 | 597909 | 50.99 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.298 | 204 | 352329 | 55.30 | ng | | 95 |
| 62) 4-Nitroaniline | 15.327 | 138 | 121157 | 52.75 | ng | | 88 |
| 63) Azobenzene | 15.592 | 77 | 498282 | 44.76 | ng | | 90 |
| 65) 4,6-Dinitro-2-methylph... | 15.392 | 198 | 130618 | 52.15 | ng | | 86 |
| 66) n-Nitrosodiphenylamine | 15.515 | 169 | 547459 | 47.00 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.192 | 248 | 219184 | 55.71 | ng | | 92 |
| 68) Hexachlorobenzene | 16.304 | 284 | 246613 | 55.13 | ng | # | 91 |
| 69) Atrazine | 16.468 | 200 | 219844 | 52.90 | ng | | 96 |
| 70) Pentachlorophenol | 16.645 | 266 | 156311 | 53.66 | ng | | 98 |
| 71) Phenanthrene | 17.033 | 178 | 1056134 | 48.68 | ng | | 100 |
| 72) Anthracene | 17.127 | 178 | 1063989 | 49.71 | ng | | 99 |
| 73) Carbazole | 17.398 | 167 | 968836 | 48.31 | ng | | 99 |
| 74) Di-n-butylphthalate | 17.968 | 149 | 1159894 | 53.27 | ng | | 99 |
| 75) Fluoranthene | 19.051 | 202 | 1312892 | 49.90 | ng | | 99 |
| 77) Benzidine | 19.245 | 184 | 401920 | 45.79 | ng | | 99 |
| 78) Pyrene | 19.415 | 202 | 1365123 | 51.18 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.327 | 149 | 524132 | 52.49 | ng | | 88 |
| 81) Benzo(a)anthracene | 21.162 | 228 | 1356472 | 49.46 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.103 | 252 | 449913 | 51.35 | ng | # | 99 |
| 83) Chrysene | 21.215 | 228 | 1363389 | 50.59 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.103 | 149 | 857845 | 53.61 | ng | | 99 |
| 85) Di-n-octyl phthalate | 21.962 | 149 | 1423398 | 53.01 | ng | # | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 25.544 | 276 | 1618538 | 48.67 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.703 | 252 | 1427445 | 50.89 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 22.750 | 252 | 1383610 | 49.22 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.262 | 252 | 1309666 | 49.73 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 25.550 | 278 | 1399148 | 48.79 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 26.209 | 276 | 1305344 | 49.23 | ng | | 98 |

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

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