Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028489.D
Acq On : 21 Jan 2021 15:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDCCC040EC

Quant Time: Jan 21 15:50:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 14:45:01 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.028 | 152 | 41794 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.845 | 136 | 179416 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.675 | 164 | 104185 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.398 | 188 | 187542 | 20.00 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.527 | 240 | 134920 | 20.00 | ng | | # 0.00 |
| 86) Perylene-d12 | 23.815 | 264 | 125921 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.552 | 112 | 186794 | 70.60 | ng | | 0.00 |
| 7) Phenol-d6 | 7.193 | 99 | 274541 | 76.21 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.210 | 82 | 265727 | 70.25 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.157 | 330 | 96961 | 70.24 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.298 | 172 | 598856 | 72.12 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.986 | 244 | 601416 | 80.49 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.334 | 88 | 34558 | 32.56 | ng | # | 67 |
| 3) Pyridine | 3.764 | 79 | 104509 | 35.56 | ng | # | 49 |
| 4) n-Nitrosodimethylamine | 3.675 | 42 | 55895 | 33.08 | ng | # | 61 |
| 6) Aniline | 7.352 | 93 | 150456 | 38.55 | ng | | 97 |
| 8) 2-Chlorophenol | 7.593 | 128 | 109649 | 37.27 | ng | | 96 |
| 9) Benzaldehyde | 7.163 | 77 | 69247 | 36.94 | ng | | 80 |
| 10) Phenol | 7.216 | 94 | 127289 | 37.49 | ng | | 87 |
| 11) bis(2-Chloroethyl)ether | 7.452 | 93 | 105217 | 38.43 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 7.916 | 146 | 126352 | 36.40 | ng | # | 93 |
| 13) 1,4-Dichlorobenzene | 8.069 | 146 | 128536 | 36.61 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.387 | 146 | 124099 | 36.85 | ng | | 98 |
| 15) Benzyl Alcohol | 8.275 | 79 | 99251 | 39.54 | ng | # | 88 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.569 | 45 | 184334 | 37.30 | ng | | 71 |
| 17) 2-Methylphenol | 8.481 | 107 | 92250 | 39.24 | ng | # | 90 |
| 18) Hexachloroethane | 9.116 | 117 | 48293 | 36.55 | ng | | 90 |
| 19) n-Nitroso-di-n-propyla... | 8.851 | 70 | 88456 | 41.23 | ng | # | 67 |
| 20) 3+4-Methylphenols | 8.816 | 107 | 126805 | 40.22 | ng | | 91 |
| 22) Acetophenone | 8.869 | 105 | 166913 | 35.88 | ng | # | 89 |
| 24) Nitrobenzene | 9.251 | 77 | 128663 | 35.23 | ng | # | 88 |
| 25) Isophorone | 9.775 | 82 | 221760 | 38.26 | ng | | 96 |
| 26) 2-Nitrophenol | 9.963 | 139 | 63441 | 38.39 | ng | # | 80 |
| 27) 2,4-Dimethylphenol | 10.016 | 122 | 88589 | 36.87 | ng | | 91 |
| 28) bis(2-Chloroethoxy)met... | 10.257 | 93 | 151613 | 37.06 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.493 | 162 | 105883 | 36.93 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.710 | 180 | 119968 | 35.22 | ng | | 98 |
| 31) Naphthalene | 10.898 | 128 | 362418 | 35.75 | ng | | 99 |
| 32) Benzoic acid | 10.181 | 122 | 87465 | 40.45 | ng | # | 86 |
| 33) 4-Chloroaniline | 11.010 | 127 | 154613 | 36.71 | ng | | 92 |
| 34) Hexachlorobutadiene | 11.175 | 225 | 71754 | 35.31 | ng | | 98 |
| 35) Caprolactam | 11.816 | 113 | 33024 | 35.59 | ng | # | 58 |
| 36) 4-Chloro-3-methylphenol | 12.128 | 107 | 111623 | 37.44 | ng | | 93 |
| 37) 2-Methylnaphthalene | 12.504 | 142 | 257696 | 36.88 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.722 | 142 | 244141 | 36.82 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.869 | 216 | 122284 | 35.59 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.845 | 237 | 61250 | 38.15 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.110 | 196 | 86516 | 37.53 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.181 | 196 | 87529 | 36.69 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.510 | 154 | 318485 | 35.82 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.557 | 162 | 258780 | 35.61 | ng | | 98 |
| 48) 2-Nitroaniline | 13.757 | 65 | 80928 | 35.52 | ng | | 92 |
| 49) Acenaphthylene | 14.398 | 152 | 386985 | 35.89 | ng | | 99 |
| 50) Dimethylphthalate | 14.128 | 163 | 298179 | 34.81 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.251 | 165 | 65784 | 36.10 | ng | | 89 |
| 52) Acenaphthene | 14.739 | 154 | 237426 | 35.47 | ng | | 98 |
| 53) 3-Nitroaniline | 14.580 | 138 | 71487 | 34.80 | ng | | 89 |
| 54) 2,4-Dinitrophenol | 14.786 | 184 | 37855 | 34.88 | ng | | 95 |
| 55) Dibenzofuran | 15.069 | 168 | 357594 | 34.73 | ng | | 100 |
| 56) 4-Nitrophenol | 14.880 | 139 | 53727 | 33.22 | ng | # | 76 |
| 57) 2,4-Dinitrotoluene | 15.033 | 165 | 83980 | 34.60 | ng | | 93 |
| 58) Fluorene | 15.716 | 166 | 289942 | 34.37 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.292 | 232 | 75363 | 35.74 | ng | | 94 |
| 60) Diethylphthalate | 15.480 | 149 | 292199 | 33.60 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.704 | 204 | 143780 | 34.61 | ng | | 95 |
| 62) 4-Nitroaniline | 15.739 | 138 | 71663 | 32.05 | ng | # | 83 |
| 63) Azobenzene | 15.998 | 77 | 280101 | 34.31 | ng | | 91 |
| 65) 4,6-Dinitro-2-methylph... | 15.798 | 198 | 42857 | 36.78 | ng | | 81 |
| 66) n-Nitrosodiphenylamine | 15.922 | 169 | 243350 | 38.75 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.592 | 248 | 86053 | 38.74 | ng | | 95 |
| 68) Hexachlorobenzene | 16.710 | 284 | 96978 | 37.57 | ng | | 96 |
| 69) Atrazine | 16.857 | 200 | 67279 | 36.14 | ng | | 96 |
| 70) Pentachlorophenol | 17.051 | 266 | 53656 | 38.14 | ng | | 97 |
| 71) Phenanthrene | 17.445 | 178 | 404967 | 35.11 | ng | | 99 |
| 72) Anthracene | 17.533 | 178 | 396787 | 35.62 | ng | | 99 |
| 73) Carbazole | 17.798 | 167 | 350246 | 33.15 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.345 | 149 | 439172 | 34.55 | ng | | 99 |
| 75) Fluoranthene | 19.433 | 202 | 399370 | 30.83 | ng | | 96 |
| 77) Benzidine | 19.615 | 184 | 146823 | 48.39 | ng | | 100 |
| 78) Pyrene | 19.792 | 202 | 400529 | 41.40 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.668 | 149 | 168668 | 39.54 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.515 | 228 | 338390 | 36.32 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.445 | 252 | 113588 | 37.94 | ng | # | 98 |
| 83) Chrysene | 21.562 | 228 | 322250 | 35.83 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.427 | 149 | 230338 | 38.19 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.315 | 149 | 369435 | 36.23 | ng | # | 90 |
| 87) Indeno(1,2,3-cd)pyrene | 26.150 | 276 | 347675 | 37.06 | ng | # | 90 |
| 88) Benzo(b)fluoranthene | 23.127 | 252 | 327349 | 38.29 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 23.174 | 252 | 299757 | 35.91 | ng | # | 97 |
| 90) Benzo(a)pyrene | 23.715 | 252 | 292859 | 36.97 | ng | # | 96 |
| 91) Dibenzo(a,h)anthracene | 26.162 | 278 | 288308 | 37.14 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 26.868 | 276 | 282702 | 37.03 | ng | # | 91 |

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

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