Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026424.D
Acq On : 17 Jun 2020 00:09
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 17 01:20:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 10:23:36 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 103644 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.16 | 136 | 419668 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.05 | 164 | 248341 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.81 | 188 | 525791 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.02 | 240 | 537520 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.10 | 264 | 575580 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.04 | 112 | 505641 | 86.26 | ng | | 0.00 |
| 7) Phenol-d6 | 6.61 | 99 | 698140 | 82.24 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.55 | 82 | 710890 | 83.17 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.56 | 330 | 260747 | 86.68 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.66 | 172 | 1438170 | 87.91 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.46 | 244 | 2259302 | 81.59 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.02 | 88 | 113388 | 42.902 | ng | | 98 |
| 3) Pyridine | 3.40 | 79 | 322346 | 41.525 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.32 | 42 | 149850 | 38.988 | ng | | 96 |
| 6) Aniline | 6.75 | 93 | 453331 | 40.715 | ng | | 98 |
| 8) 2-Chlorophenol | 6.97 | 128 | 285577 | 42.235 | ng | | 99 |
| 9) Benzaldehyde | 6.56 | 77 | 188176 | 34.766 | ng | | 97 |
| 10) Phenol | 6.63 | 94 | 369490 | 40.873 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.85 | 93 | 289549 | 39.766 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.29 | 146 | 324818 | 43.390 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.43 | 146 | 325735 | 42.718 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.75 | 146 | 317020 | 42.561 | ng | | 97 |
| 15) Benzyl Alcohol | 7.65 | 79 | 277707 | 38.526 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.94 | 45 | 513364 | 37.751 | ng | | 99 |
| 17) 2-Methylphenol | 7.86 | 107 | 264891 | 40.091 | ng | | 100 |
| 18) Hexachloroethane | 8.46 | 117 | 117835 | 40.804 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.21 | 70 | 249579 | 37.730 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.19 | 107 | 362536 | 40.258 | ng | | 98 |
| 22) Acetophenone | 8.22 | 105 | 449888 | 41.690 | ng | # | 98 |
| 24) Nitrobenzene | 8.59 | 77 | 366174 | 40.925 | ng | | 100 |
| 25) Isophorone | 9.12 | 82 | 649576 | 40.453 | ng | | 100 |
| 26) 2-Nitrophenol | 9.29 | 139 | 151921 | 42.903 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.37 | 122 | 233838 | 41.830 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.60 | 93 | 363361 | 39.885 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 9.83 | 162 | 263873 | 43.022 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.03 | 180 | 294667 | 43.812 | ng | | 99 |
| 31) Naphthalene | 10.21 | 128 | 884599 | 41.828 | ng | | 100 |
| 32) Benzoic acid | 9.55 | 122 | 189337 | 42.752 | ng | | 99 |
| 33) 4-Chloroaniline | 10.33 | 127 | 375232 | 40.680 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.50 | 225 | 190845 | 44.947 | ng | | 97 |
| 35) Caprolactam | 11.12 | 113 | 88157 | 40.911 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 11.47 | 107 | 299227 | 40.037 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.83 | 142 | 619511 | 41.108 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.06 | 142 | 578118 | 40.495 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.22 | 216 | 317200 | 44.871 | ng | | 99 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.19 | 237 | 65908 | 15.821 ng | 96 |
| 43) 2,4,6-Trichlorophenol | 12.47 | 196 | 212392 | 44.388 ng | 98 |
| 44) 2,4,5-Trichlorophenol | 12.55 | 196 | 246808 | 44.437 ng | 98 |
| 46) 1,1'-Biphenyl | 12.87 | 154 | 748864 | 43.011 ng | 99 |
| 47) 2-Chloronaphthalene | 12.91 | 162 | 611064 | 43.209 ng | 99 |
| 48) 2-Nitroaniline | 13.13 | 65 | 235093 | 41.945 ng | 97 |
| 49) Acenaphthylene | 13.77 | 152 | 968416 | 42.814 ng | 99 |
| 50) Dimethylphthalate | 13.53 | 163 | 753199 | 41.466 ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.64 | 165 | 167203 | 41.949 ng | 98 |
| 52) Acenaphthene | 14.12 | 154 | 581838 | 42.848 ng | 98 |
| 53) 3-Nitroaniline | 13.97 | 138 | 186012 | 41.909 ng | 96 |
| 54) 2,4-Dinitrophenol | 14.20 | 184 | 42404 | 17.504 ng | 92 |
| 55) Dibenzofuran | 14.46 | 168 | 922341 | 42.156 ng | 99 |
| 56) 4-Nitrophenol | 14.31 | 139 | 143469 | 40.761 ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.44 | 165 | 233696 | 42.168 ng | 98 |
| 58) Fluorene | 15.12 | 166 | 751952 | 42.313 ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.70 | 232 | 201510 | 42.418 ng | 100 |
| 60) Diethylphthalate | 14.91 | 149 | 758871 | 41.017 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.12 | 204 | 401625 | 42.607 ng | 99 |
| 62) 4-Nitroaniline | 15.15 | 138 | 198507 | 41.937 ng | 97 |
| 63) Azobenzene | 15.41 | 77 | 827178 | 40.863 ng | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.22 | 198 | 66290 | 20.733 ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.33 | 169 | 643178 | 42.226 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.01 | 248 | 251248 | 43.408 ng | 99 |
| 68) Hexachlorobenzene | 16.12 | 284 | 261029 | 43.219 ng | 98 |
| 69) Atrazine | 16.30 | 200 | 188405 | 41.403 ng | 100 |
| 70) Pentachlorophenol | 16.47 | 266 | 155261 | 42.688 ng | 98 |
| 71) Phenanthrene | 16.85 | 178 | 1146140 | 41.859 ng | 100 |
| 72) Anthracene | 16.94 | 178 | 1168517 | 42.761 ng | 100 |
| 73) Carbazole | 17.22 | 167 | 1098663 | 42.396 ng | 99 |
| 74) Di-n-butylphthalate | 17.80 | 149 | 1336963 | 43.747 ng | 100 |
| 75) Fluoranthene | 18.87 | 202 | 1354217 | 43.139 ng | 100 |
| 77) Benzidine | 19.08 | 184 | 523032 | 46.845 ng | 99 |
| 78) Pyrene | 19.24 | 202 | 1409701 | 39.692 ng | 100 |
| 80) Butylbenzylphthalate | 20.17 | 149 | 617016 | 42.961 ng | 99 |
| 81) Benzo(a)anthracene | 21.00 | 228 | 1372020 | 42.524 ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 20.94 | 252 | 508947 | 50.986 ng | 99 |
| 83) Chrysene | 21.06 | 228 | 1330014 | 43.257 ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 20.96 | 149 | 922688 | 45.056 ng | 99 |
| 85) Di-n-octyl phthalate | 21.81 | 149 | 1577312 | 49.929 ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 25.15 | 276 | 1595462 | 47.918 ng | 100 |
| 88) Benzo(b)fluoranthene | 22.50 | 252 | 1404652 | 40.568 ng | 99 |
| 89) Benzo(k)fluoranthene | 22.53 | 252 | 1329300 | 39.517 ng | 100 |
| 90) Benzo(a)pyrene | 23.01 | 252 | 1306747 | 42.493 ng | 100 |
| 91) Dibenzo(a,h)anthracene | 25.16 | 278 | 1338461 | 48.152 ng | 99 |
| 92) Benzo(g,h,i)perylene | 25.77 | 276 | 1289410 | 48.747 ng | 99 |

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

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