Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017254.D
Acq On : 20 Oct 2018 07:13
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 22 02:36:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 311310 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.44 | 136 | 1461378 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.30 | 164 | 879823 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.06 | 188 | 1904945 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.25 | 240 | 1679042 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 23.46 | 264 | 1511848 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.28 | 112 | 1454354 | 79.01 | ng | | -0.01 |
| 7) Phenol-d6 | 6.85 | 99 | 2069623 | 82.56 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 8.82 | 82 | 2117627 | 84.75 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.80 | 330 | 991241 | 83.31 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 12.92 | 172 | 5222157 | 78.97 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.70 | 244 | 7003817 | 94.02 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 326275 | 34.714 | ng | # | 86 |
| 3) Pyridine | 3.64 | 79 | 848934 | 39.255 | ng | # | 85 |
| 4) n-Nitrosodimethylamine | 3.56 | 42 | 330492 | 38.068 | ng | # | 69 |
| 6) Aniline | 7.00 | 93 | 1286886 | 41.042 | ng | | 97 |
| 8) 2-Chlorophenol | 7.23 | 128 | 889124 | 41.755 | ng | | 97 |
| 9) Benzaldehyde | 6.82 | 77 | 626516 | 39.197 | ng | | 96 |
| 10) Phenol | 6.87 | 94 | 1098324 | 40.710 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.10 | 93 | 876610 | 40.759 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.55 | 146 | 982513 | 39.581 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.70 | 146 | 998564 | 39.374 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.01 | 146 | 977007 | 39.985 | ng | | 99 |
| 15) Benzyl Alcohol | 7.91 | 79 | 836857 | 45.671 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.19 | 45 | 1196420 | 39.818 | ng | | 99 |
| 17) 2-Methylphenol | 8.10 | 107 | 743876 | 42.956 | ng | | 98 |
| 18) Hexachloroethane | 8.73 | 117 | 359747 | 41.450 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.47 | 70 | 758213 | 45.934 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.43 | 107 | 1039876 | 43.905 | ng | | 98 |
| 22) Acetophenone | 8.49 | 105 | 1450258 | 39.149 | ng | # | 99 |
| 24) Nitrobenzene | 8.86 | 77 | 1075970 | 40.709 | ng | | 94 |
| 25) Isophorone | 9.39 | 82 | 1745876 | 42.313 | ng | | 98 |
| 26) 2-Nitrophenol | 9.56 | 139 | 536060 | 43.890 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.63 | 122 | 762805 | 41.810 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 9.87 | 93 | 1178852 | 40.593 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.09 | 162 | 904847 | 42.715 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.30 | 180 | 999044 | 39.314 | ng | | 99 |
| 31) Naphthalene | 10.49 | 128 | 2795847 | 39.039 | ng | | 99 |
| 32) Benzoic acid | 9.79 | 122 | 652980 | 47.967 | ng | | 94 |
| 33) 4-Chloroaniline | 10.60 | 127 | 1291368 | 41.751 | ng | | 97 |
| 34) Hexachlorobutadiene | 10.77 | 225 | 636229 | 39.514 | ng | | 99 |
| 35) Caprolactam | 11.41 | 113 | 316604 | 41.011 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 11.74 | 107 | 1022451 | 42.820 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.11 | 142 | 2031736 | 41.458 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.33 | 142 | 1973450 | 41.374 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216 | 1236007 | 39.891 | ng | | 100 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.46 | 237 | 683304 | 45.618 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.73 | 196 | 785808 | 43.689 | ng | 99 |
| 44) 2,4,5-Trichlorophenol | 12.80 | 196 | 824528 | 42.749 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.13 | 154 | 3119589 | 39.401 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.17 | 162 | 2311997 | 39.693 | ng | 99 |
| 48) 2-Nitroaniline | 13.39 | 65 | 682308 | 42.238 | ng | 99 |
| 49) Acenaphthylene | 14.03 | 152 | 3447690 | 40.836 | ng | 100 |
| 50) Dimethylphthalate | 13.77 | 163 | 2755446 | 40.594 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.89 | 165 | 620630 | 41.542 | ng | 97 |
| 52) Acenaphthene | 14.37 | 154 | 2103153 | 39.674 | ng | 98 |
| 53) 3-Nitroaniline | 14.23 | 138 | 658369 | 40.689 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.43 | 184 | 331342 | 42.144 | ng | 96 |
| 55) Dibenzofuran | 14.71 | 168 | 3397700 | 38.543 | ng | 99 |
| 56) 4-Nitrophenol | 14.53 | 139 | 527372 | 38.370 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 14.69 | 165 | 846771 | 42.170 | ng | 99 |
| 58) Fluorene | 15.36 | 166 | 2580607 | 39.550 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.94 | 232 | 755297 | 42.960 | ng | 99 |
| 60) Diethylphthalate | 15.15 | 149 | 2819081 | 41.878 | ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.36 | 204 | 1482791 | 39.861 | ng | 96 |
| 62) 4-Nitroaniline | 15.39 | 138 | 680529 | 38.709 | ng | 96 |
| 63) Azobenzene | 15.65 | 77 | 2642413 | 40.385 | ng | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.45 | 198 | 536884 | 44.489 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.58 | 169 | 2485149 | 43.120 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.26 | 248 | 924530 | 44.201 | ng | 96 |
| 68) Hexachlorobenzene | 16.36 | 284 | 1014581 | 41.758 | ng | 99 |
| 69) Atrazine | 16.54 | 200 | 884802 | 42.895 | ng | 98 |
| 70) Pentachlorophenol | 16.71 | 266 | 712520 | 42.810 | ng | 99 |
| 71) Phenanthrene | 17.10 | 178 | 4058616 | 39.489 | ng | 100 |
| 72) Anthracene | 17.19 | 178 | 4031033 | 41.277 | ng | 100 |
| 73) Carbazole | 17.47 | 167 | 3939454 | 39.490 | ng | 100 |
| 74) Di-n-butylphthalate | 18.03 | 149 | 4518795 | 42.948 | ng | 100 |
| 75) Fluoranthene | 19.12 | 202 | 4332834 | 37.464 | ng | 99 |
| 77) Benzidine | 19.32 | 184 | 2152017 | 50.547 | ng | 99 |
| 78) Pyrene | 19.49 | 202 | 4490126 | 47.848 | ng | 100 |
| 80) Butylbenzylphthalate | 20.40 | 149 | 1751914 | 48.901 | ng | 97 |
| 81) Benzo(a)anthracene | 21.23 | 228 | 3797980 | 40.196 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.17 | 252 | 1459849 | 41.455 | ng | 99 |
| 83) Chrysene | 21.29 | 228 | 3676841 | 39.315 | ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 2371063 | 43.906 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.05 | 149 | 3606365 | 40.011 | ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 3565947 | 34.090 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.80 | 252 | 3252596 | 39.350 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.84 | 252 | 3407251 | 41.080 | ng | 99 |
| 90) Benzo(a)pyrene | 23.37 | 252 | 3108707 | 39.611 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.69 | 278 | 3014170 | 38.678 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.35 | 276 | 2959447 | 38.316 | ng | 99 |

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

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