Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018733.D
Acq On : 07 Feb 2019 11:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDCCC040

Quant Time: Feb 08 10:04:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 245242 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.50 | 136 | 958725 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.36 | 164 | 525407 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.12 | 188 | 1138091 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.31 | 240 | 1148220 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 23.57 | 264 | 1140990 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 1099807 | 82.81 | ng | | 0.00 |
| 7) Phenol-d6 | 6.89 | 99 | 1413170 | 83.77 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.88 | 82 | 1339969 | 81.02 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.86 | 330 | 565579 | 84.54 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.98 | 172 | 3222317 | 80.03 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.75 | 244 | 4700974 | 86.31 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 207868 | 38.400 | ng | | 98 |
| 3) Pyridine | 3.65 | 79 | 553430 | 41.007 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.58 | 42 | 231140 | 41.417 | ng | # | 92 |
| 6) Aniline | 7.06 | 93 | 834664 | 44.356 | ng | | 98 |
| 8) 2-Chlorophenol | 7.28 | 128 | 645660 | 41.624 | ng | | 96 |
| 9) Benzaldehyde | 6.88 | 77 | 343108 | 33.841 | ng | | 99 |
| 10) Phenol | 6.92 | 94 | 715314 | 41.729 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.15 | 93 | 542045 | 40.243 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.60 | 146 | 737054 | 39.899 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.75 | 146 | 752722 | 40.202 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.06 | 146 | 718323 | 40.460 | ng | | 99 |
| 15) Benzyl Alcohol | 7.96 | 79 | 502550 | 41.247 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.25 | 45 | 746106 | 43.346 | ng | | 96 |
| 17) 2-Methylphenol | 8.16 | 107 | 486845 | 41.840 | ng | | 99 |
| 18) Hexachloroethane | 8.78 | 117 | 258098 | 38.661 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.53 | 70 | 442985 | 40.352 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.49 | 107 | 677369 | 42.170 | ng | | 99 |
| 22) Acetophenone | 8.55 | 105 | 932187 | 39.306 | ng | # | 98 |
| 24) Nitrobenzene | 8.93 | 77 | 659161 | 40.508 | ng | | 97 |
| 25) Isophorone | 9.45 | 82 | 997479 | 39.830 | ng | | 98 |
| 26) 2-Nitrophenol | 9.63 | 139 | 349392 | 44.405 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.68 | 122 | 482925 | 40.948 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.93 | 93 | 695826 | 40.221 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.16 | 162 | 589363 | 41.968 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.36 | 180 | 689118 | 39.534 | ng | | 99 |
| 31) Naphthalene | 10.56 | 128 | 1854438 | 40.163 | ng | | 99 |
| 32) Benzoic acid | 9.83 | 122 | 344821 | 44.045 | ng | | 99 |
| 33) 4-Chloroaniline | 10.68 | 127 | 810568 | 44.576 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.82 | 225 | 423668 | 38.473 | ng | | 99 |
| 35) Caprolactam | 11.49 | 113 | 190976 | 39.999 | ng | | 89 |
| 36) 4-Chloro-3-methylphenol | 11.80 | 107 | 609010 | 41.336 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.17 | 142 | 1288416 | 39.495 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.39 | 142 | 1258027 | 39.855 | ng | | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.54 | 216 | 743358 | 40.459 | ng | | 98 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.50 | 237 | 343650 | 34.080 ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.79 | 196 | 482017 | 43.202 ng | 99 |
| 44) 2,4,5-Trichlorophenol | 12.86 | 196 | 494431 | 42.136 ng | 96 |
| 46) 1,1'-Biphenyl | 13.19 | 154 | 1839070 | 40.088 ng | 99 |
| 47) 2-Chloronaphthalene | 13.24 | 162 | 1433206 | 40.287 ng | 99 |
| 48) 2-Nitroaniline | 13.46 | 65 | 372089 | 42.513 ng | 94 |
| 49) Acenaphthylene | 14.09 | 152 | 2113211 | 40.761 ng | 100 |
| 50) Dimethylphthalate | 13.83 | 163 | 1692413 | 39.221 ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.96 | 165 | 377709 | 41.324 ng | 94 |
| 52) Acenaphthene | 14.43 | 154 | 1274922 | 40.192 ng | 98 |
| 53) 3-Nitroaniline | 14.29 | 138 | 397568 | 43.144 ng | 97 |
| 54) 2,4-Dinitrophenol | 14.50 | 184 | 157282 | 36.127 ng | 92 |
| 55) Dibenzofuran | 14.77 | 168 | 2067037 | 39.438 ng | 99 |
| 56) 4-Nitrophenol | 14.60 | 139 | 289660 | 36.386 ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.75 | 165 | 512822 | 39.654 ng | 99 |
| 58) Fluorene | 15.42 | 166 | 1552615 | 39.766 ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.99 | 232 | 423213 | 40.690 ng | 97 |
| 60) Diethylphthalate | 15.20 | 149 | 1702133 | 39.075 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.42 | 204 | 882123 | 39.201 ng | 98 |
| 62) 4-Nitroaniline | 15.46 | 138 | 368988 | 36.711 ng | 97 |
| 63) Azobenzene | 15.70 | 77 | 1449389 | 40.810 ng | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.50 | 198 | 296671 | 41.695 ng | 91 |
| 66) n-Nitrosodiphenylamine | 15.63 | 169 | 1474352 | 41.763 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.31 | 248 | 524070 | 41.149 ng | 98 |
| 68) Hexachlorobenzene | 16.41 | 284 | 581146 | 40.760 ng | 100 |
| 69) Atrazine | 16.59 | 200 | 462233 | 36.218 ng | 99 |
| 70) Pentachlorophenol | 16.76 | 266 | 389505 | 41.713 ng | 97 |
| 71) Phenanthrene | 17.16 | 178 | 2451591 | 40.499 ng | 99 |
| 72) Anthracene | 17.25 | 178 | 2418336 | 41.544 ng | 100 |
| 73) Carbazole | 17.53 | 167 | 2450916 | 40.982 ng | 99 |
| 74) Di-n-butylphthalate | 18.08 | 149 | 2730194 | 41.677 ng | 99 |
| 75) Fluoranthene | 19.18 | 202 | 2750146 | 39.405 ng | 99 |
| 77) Benzidine | 19.37 | 184 | 959406 | 33.840 ng | 100 |
| 78) Pyrene | 19.55 | 202 | 2907185 | 42.715 ng | 99 |
| 80) Butylbenzylphthalate | 20.45 | 149 | 1235818 | 42.553 ng | 98 |
| 81) Benzo(a)anthracene | 21.29 | 228 | 2754659 | 40.723 ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.23 | 252 | 1011680 | 39.551 ng | 100 |
| 83) Chrysene | 21.34 | 228 | 2660231 | 40.726 ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 1731077 | 41.278 ng | 100 |
| 85) Di-n-octyl phthalate | 22.10 | 149 | 2889436 | 40.965 ng | 96 |
| 86) Indeno(1,2,3-cd)pyrene | 25.87 | 276 | 2928086 | 38.875 ng | 98 |
| 88) Benzo(b)fluoranthene | 22.89 | 252 | 2608979 | 40.277 ng | 99 |
| 89) Benzo(k)fluoranthene | 22.93 | 252 | 2653973 | 40.655 ng | 99 |
| 90) Benzo(a)pyrene | 23.47 | 252 | 2518415 | 40.610 ng | 98 |
| 91) Dibenzo(a,h)anthracene | 25.87 | 278 | 2440431 | 38.838 ng | 100 |
| 92) Benzo(g,h,i)perylene | 26.57 | 276 | 2434821 | 39.819 ng | 98 |

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

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