Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
Data File : BM010908.D
Acq On : 20 Jul 2017 14:47
Operator : SJ/JU
Sample : IDOC-W-2
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** IDOC-W-2

Quant Time: Jul 21 03:16:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.44 | 152 | 310715 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.20 | 136 | 1208799 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 14.09 | 164 | 746264 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 16.84 | 188 | 1652178 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.06 | 240 | 1445038 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.19 | 264 | 1141087 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.08 | 112 | 2495093 | 133.02 | ng | | 0.00 |
| 7) Phenol-d6 | 6.65 | 99 | 3275974 | 126.69 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.59 | 82 | 2467432 | 78.46 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.59 | 330 | 1379685 | 120.98 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.70 | 172 | 5052529 | 84.23 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.50 | 244 | 6088069 | 81.49 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.10 | 88 | 251576 | 30.396 | ng | # | 100 |
| 3) Pyridine | 3.46 | 79 | 751761 | 33.229 | ng | # | 87 |
| 4) n-Nitrosodimethylamine | 3.38 | 42 | 441152 | 38.154 | ng | # | 70 |
| 6) Aniline | 6.79 | 93 | 1090046 | 33.650 | ng | | 95 |
| 8) 2-Chlorophenol | 7.02 | 128 | 756324 | 40.725 | ng | | 91 |
| 9) Benzaldehyde | 6.60 | 77 | 443137 | 24.680 | ng | | 85 |
| 10) Phenol | 6.67 | 94 | 1112317 | 40.684 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.89 | 93 | 827417 | 39.294 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.33 | 146 | 868146 | 37.826 | ng | # | 86 |
| 13) 1,4-Dichlorobenzene | 7.47 | 146 | 878540 | 37.093 | ng | # | 91 |
| 14) 1,2-Dichlorobenzene | 7.79 | 146 | 838762 | 37.164 | ng | # | 90 |
| 15) Benzyl Alcohol | 7.69 | 79 | 981749 | 40.095 | ng | # | 84 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.97 | 45 | 731055 | 40.045 | ng | | 75 |
| 17) 2-Methylphenol | 7.89 | 107 | 724007 | 40.946 | ng | # | 80 |
| 18) Hexachloroethane | 8.50 | 117 | 377129 | 37.962 | ng | # | 79 |
| 19) n-Nitroso-di-n-propylamine | 8.25 | 70 | 766262 | 37.408 | ng | # | 93 |
| 20) 3+4-Methylphenols | 8.22 | 107 | 978865 | 39.846 | ng | | 85 |
| 22) Acetophenone | 8.26 | 105 | 1366578 | 37.548 | ng | # | 95 |
| 24) Nitrobenzene | 8.63 | 77 | 1228706 | 38.123 | ng | # | 89 |
| 25) Isophorone | 9.15 | 82 | 2006594 | 38.948 | ng | # | 87 |
| 26) 2-Nitrophenol | 9.33 | 139 | 421045 | 39.260 | ng | # | 32 |
| 27) 2,4-Dimethylphenol | 9.40 | 122 | 725250 | 37.889 | ng | # | 66 |
| 28) bis(2-Chloroethoxy)methane | 9.64 | 93 | 1144083 | 39.614 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 9.86 | 162 | 833577 | 38.552 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.07 | 180 | 994305 | 37.615 | ng | | 98 |
| 31) Naphthalene | 10.25 | 128 | 2393926 | 38.949 | ng | | 99 |
| 32) Benzoic acid | 9.55 | 122 | 533032 | 35.492 | ng | # | 66 |
| 33) 4-Chloroaniline | 10.37 | 127 | 316278 | 12.772 | ng | # | 79 |
| 34) Hexachlorobutadiene | 10.54 | 225 | 760995 | 37.102 | ng | | 95 |
| 35) Caprolactam | 11.16 | 113 | 214506 | 37.263 | ng | # | 83 |
| 36) 4-Chloro-3-methylphenol | 11.50 | 107 | 966921 | 36.969 | ng | # | 76 |
| 37) 2-Methylnaphthalene | 11.87 | 142 | 1784385 | 40.419 | ng | # | 87 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.26 | 216 | 1244648 | 38.263 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.23 | 237 | 1980417 | 106.203 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.50 | 196 | 759791 | 37.933 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 12.57 | 196 | 797749 | 40.341 | ng | # | 88 |
| 45) 1,1'-Biphenyl | 12.92 | 154 | 2394004 | 36.823 | ng | | 98 |
| 46) 2-Chloronaphthalene | 12.95 | 162 | 1942553 | 40.749 | ng | | 93 |
| 47) 2-Nitroaniline | 13.17 | 65 | 664638 | 42.412 | ng | # | 73 |
| 48) Acenaphthylene | 13.81 | 152 | 2824749 | 39.840 | ng | | 99 |
| 49) Dimethylphthalate | 13.57 | 163 | 2369837 | 37.328 | ng | # | 99 |
| 50) 2,6-Dinitrotoluene | 13.68 | 165 | 502713 | 40.369 | ng | # | 63 |
| 51) Acenaphthene | 14.16 | 154 | 1688479 | 38.973 | ng | | 97 |
| 52) 3-Nitroaniline | 14.01 | 138 | 338668 | 29.916 | ng | # | 39 |
| 53) 2,4-Dinitrophenol | 14.22 | 184 | 659252 | 76.583 | ng | | 93 |
| 54) Dibenzofuran | 14.50 | 168 | 2944274 | 42.012 | ng | # | 91 |
| 55) 4-Nitrophenol | 14.33 | 139 | 687632 | 69.938 | ng | # | 1 |
| 56) 2,4-Dinitrotoluene | 14.47 | 165 | 678453 | 39.263 | ng | | 94 |
| 57) Fluorene | 15.15 | 166 | 2325939 | 38.608 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.73 | 232 | 790221 | 43.006 | ng | # | 100 |
| 59) Diethylphthalate | 14.94 | 149 | 2349789 | 37.477 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.15 | 204 | 1408723 | 38.066 | ng | | 98 |
| 61) 4-Nitroaniline | 15.18 | 138 | 419077 | 35.417 | ng | # | 1 |
| 62) Azobenzene | 15.44 | 77 | 2783285 | 43.715 | ng | | 88 |
| 64) 4,6-Dinitro-2-methylphenol | 15.24 | 198 | 425951 | 39.097 | ng | | 93 |
| 65) n-Nitrosodiphenylamine | 15.37 | 169 | 1956171 | 41.378 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.05 | 248 | 921680 | 44.018 | ng | # | 93 |
| 67) Hexachlorobenzene | 16.16 | 284 | 935526 | 39.074 | ng | # | 92 |
| 68) Atrazine | 16.34 | 200 | 773460 | 39.506 | ng | | 98 |
| 69) Pentachlorophenol | 16.50 | 266 | 1144644 | 74.576 | ng | | 99 |
| 70) Phenanthrene | 16.89 | 178 | 3575108 | 41.595 | ng | | 99 |
| 71) Anthracene | 16.98 | 178 | 3568850 | 41.830 | ng | | 98 |
| 72) Carbazole | 17.26 | 167 | 2838945 | 37.781 | ng | | 99 |
| 73) Di-n-butylphthalate | 17.84 | 149 | 3479803 | 39.143 | ng | # | 96 |
| 74) Fluoranthene | 18.92 | 202 | 4017264 | 37.739 | ng | | 99 |
| 76) Benzidine | 19.12 | 184 | 1862179 | 48.156 | ng | | 99 |
| 77) Pyrene | 19.28 | 202 | 4020059 | 47.989 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.22 | 149 | 1306261 | 44.539 | ng | # | 71 |
| 80) Benzo(a)anthracene | 21.04 | 228 | 3464174 | 41.372 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 20.99 | 252 | 986596 | 29.967 | ng | # | 96 |
| 82) Chrysene | 21.10 | 228 | 3204679 | 40.187 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.00 | 149 | 1794183 | 42.009 | ng | | 99 |
| 84) Di-n-octyl phthalate | 21.86 | 149 | 2715696 | 38.809 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 25.30 | 276 | 3048053 | 33.334 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 22.56 | 252 | 3034946 | 41.871 | ng | # | 92 |
| 88) Benzo(k)fluoranthene | 22.60 | 252 | 2925330 | 42.254 | ng | # | 95 |
| 89) Benzo(a)pyrene | 23.10 | 252 | 2790766 | 42.300 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 25.30 | 278 | 2539022 | 39.651 | ng | # | 93 |
| 91) Benzo(g,h,i)perylene | 25.93 | 276 | 2510076 | 39.876 | ng | # | 83 |

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

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