Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010715\
Data File : BF076771.D
Acq On : 7 Jan 2015 19:15
Operator : IZ / TP
Sample : G1022-03MS
Misc : W
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** WC-H2O-FP3-65MS

**Manual Integrations APPROVED**
tejaskumar
1/8/2015 3:46:17 PM

Quant Time: Jan 08 09:27:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 09:08:31 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.14 | 152 | 43491 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.04 | 136 | 188842 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.19 | 164 | 104835 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.90 | 188 | 168777 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.39 | 240 | 143260 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 23.07 | 264 | 61254 | 20.00 | ng | | -0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.21 | 112 | 300784 | 117.25 | ng | | 0.00 |
| 7) Phenol-d6 | 7.59 | 99 | 364425 | 116.31 | ng | | 0.07 |
| 23) Nitrobenzene-d5 | 9.44 | 82 | 255379 | 80.43 | ng | | 0.01 |
| 41) 2,4,6-Tribromophenol | 16.83 | 330 | 108248 | 122.17 | ng | | 0.01 |
| 44) 2-Fluorobiphenyl | 13.71 | 172 | 528620 | 78.47 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.12 | 244 | 540144 | 83.17 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.40 | 88 | 33575 | 30.62 | ng | # | 100 |
| 3) Pyridine | 1.93 | 79 | 82403m | 29.85 | ng | | |
| 4) n-Nitrosodimethylamine | 1.86 | 42 | 43017 | 32.21 | ng | | 90 |
| 8) 2-Chlorophenol | 7.67 | 128 | 115933 | 39.46 | ng | | 98 |
| 9) Benzaldehyde | 7.14 | 77 | 109747 | 46.04 | ng | | 96 |
| 10) Phenol | 7.62 | 94 | 138473m | 36.42 | ng | | |
| 11) bis(2-Chloroethyl)ether | 7.66 | 93 | 112464 | 41.09 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 7.98 | 146 | 117590 | 34.48 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.17 | 146 | 119600 | 34.62 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.49 | 146 | 116795 | 35.65 | ng | | 95 |
| 15) Benzyl Alcohol | 8.66 | 79 | 1671839 | 616.22 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.92 | 45 | 137841 | 34.76 | ng | # | 36 |
| 17) 2-Methylphenol | 8.93 | 107 | 91074 | 37.73 | ng | # | 91 |
| 18) Hexachloroethane | 9.25 | 117 | 45329 | 36.72 | ng | # | 88 |
| 19) n-Nitroso-di-n-propylamine | 9.20 | 70 | 93417m | 40.83 | ng | | |
| 20) 3+4-Methylphenols | 9.29 | 107 | 119894 | 36.78 | ng | | 95 |
| 22) Acetophenone | 9.13 | 105 | 177985 | 39.32 | ng | # | 96 |
| 24) Nitrobenzene | 9.48 | 77 | 125389 | 38.08 | ng | | 94 |
| 25) Isophorone | 10.08 | 82 | 240943 | 39.37 | ng | | 94 |
| 26) 2-Nitrophenol | 10.22 | 139 | 60974 | 37.92 | ng | | 89 |
| 27) 2,4-Dimethylphenol | 10.49 | 122 | 102975 | 39.57 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 10.69 | 93 | 110070 | 30.64 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.82 | 162 | 100708 | 39.37 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.95 | 180 | 100267 | 36.36 | ng | # | 94 |
| 31) Naphthalene | 11.10 | 128 | 340280 | 36.37 | ng | | 99 |
| 32) Benzoic acid | 11.80 | 122 | 3131680m | 1798.94 | ng | | |
| 34) Hexachlorobutadiene | 11.45 | 225 | 57558 | 35.90 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 12.63 | 107 | 106747 | 37.50 | ng | | 92 |
| 37) 2-Methylnaphthalene | 12.76 | 142 | 241213 | 36.96 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.16 | 216 | 93870 | 36.40 | ng | # | 76 |
| 40) Hexachlorocyclopentadiene | 13.15 | 237 | 113311 | 76.25 | ng | | 94 |
| 42) 2,4,6-Trichlorophenol | 13.50 | 196 | 69755 | 37.28 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 13.59 | 196 | 72891 | 36.21 | ng | # | 92 |
| 45) 1,1'-Biphenyl | 13.91 | 154 | 291046 | 37.37 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 46) 2-Chloronaphthalene | 13.89 | 162 | 227948 | 36.90 | ng | | 97 |
| 47) 2-Nitroaniline | 14.22 | 65 | 51797 | 27.57 | ng | | 97 |
| 48) Acenaphthylene | 14.84 | 152 | 366798 | 34.91 | ng | | 98 |
| 49) Dimethylphthalate | 14.79 | 163 | 678333 | 91.47 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 14.87 | 165 | 59462 | 39.13 | ng | # | 67 |
| 51) Acenaphthene | 15.27 | 154 | 212097 | 35.68 | ng | | 98 |
| 53) 2,4-Dinitrophenol | 15.50 | 184 | 52315 | 65.10 | ng | # | 89 |
| 54) Dibenzofuran | 15.68 | 168 | 331771 | 38.59 | ng | | 99 |
| 55) 4-Nitrophenol | 15.80 | 139 | 81477 | 61.60 | ng | # | 81 |
| 56) 2,4-Dinitrotoluene | 15.79 | 165 | 84022 | 41.49 | ng | # | 62 |
| 57) Fluorene | 16.38 | 166 | 269300 | 37.29 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 16.00 | 232 | 55875 | 37.32 | ng | # | 100 |
| 59) Diethylphthalate | 16.36 | 149 | 1317146 | 173.89 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 16.46 | 204 | 119785 | 38.33 | ng | | 92 |
| 61) 4-Nitroaniline | 16.51 | 138 | 12686 | 7.00 | ng | | 85 |
| 62) Azobenzene | 16.72 | 77 | 255106 | 34.18 | ng | | 87 |
| 64) 4,6-Dinitro-2-methylphenol | 16.56 | 198 | 38141 | 36.13 | ng | # | 79 |
| 65) n-Nitrosodiphenylamine | 16.69 | 169 | 90165 | 15.21 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 17.28 | 248 | 68059 | 41.40 | ng | # | 78 |
| 67) Hexachlorobenzene | 17.31 | 284 | 75005 | 39.09 | ng | | 92 |
| 68) Atrazine | 17.66 | 200 | 43749 | 24.70 | ng | | 79 |
| 69) Pentachlorophenol | 17.65 | 266 | 77471 | 82.48 | ng | | 98 |
| 70) Phenanthrene | 17.93 | 178 | 384172 | 37.73 | ng | | 99 |
| 71) Anthracene | 18.01 | 178 | 382821 | 38.32 | ng | | 97 |
| 72) Carbazole | 18.29 | 167 | 104388 | 10.77 | ng | | 97 |
| 73) Di-n-butylphthalate | 18.87 | 149 | 575791 | 48.38 | ng | | 99 |
| 74) Fluoranthene | 19.57 | 202 | 380187 | 36.56 | ng | | 97 |
| 77) Pyrene | 19.85 | 202 | 355768 | 35.50 | ng | | 98 |
| 79) Butylbenzylphthalate | 20.78 | 149 | 321796 | 67.16 | ng | | 99 |
| 80) Benzo(a)anthracene | 21.37 | 228 | 323554 | 36.27 | ng | | 98 |
| 82) Chrysene | 21.42 | 228 | 315282 | 38.62 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.51 | 149 | 366221 | 50.52 | ng | # | 96 |
| 84) Di-n-octyl phthalate | 22.28 | 149 | 523625 | 42.31 | ng | # | 99 |
| 87) Benzo(b)fluoranthene | 22.64 | 252 | 310467m | 76.83 | ng | | |
| 88) Benzo(k)fluoranthene | 22.68 | 252 | 275751m | 73.27 | ng | | |
| 89) Benzo(a)pyrene | 23.00 | 252 | 201400 | 55.85 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 24.24 | 278 | 247944 | 69.38 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 24.53 | 276 | 206178 | 59.29 | ng | | 96 |

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

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