Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
Data File : BF076903.D
Acq On : 16 Jan 2015 4:08
Operator : IZ / TP
Sample : G1076-11MS
Misc : S
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SP-3MS

Quant Time: Jan 16 11:39:17 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 15 11:52:04 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.02 | 152 | 38211 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.93 | 136 | 167038 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.07 | 164 | 90506 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 17.82 | 188 | 148095 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.31 | 240 | 150633 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 22.95 | 264 | 145196 | 20.00 | ng | | -0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.10 | 112 | 27088 | 11.66 | ng | | 0.01 |
| 7) Phenol-d6 | 7.42 | 99 | 32465 | 11.07 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.32 | 82 | 23977 | 7.95 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.72 | 330 | 8190 | 11.15 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.58 | 172 | 51272 | 8.62 | ng | | -0.01 |
| 78) Terphenyl-d14 | 20.04 | 244 | 51542 | 7.88 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.33 | 88 | 3270 | 3.29 | ng | # | 87 |
| 3) Pyridine | 1.89 | 79 | 6050 | 2.35 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 1.81 | 42 | 3661 | 2.87 | ng | # | 93 |
| 6) Aniline | 7.32 | 93 | 14143 | 3.49 | ng | | 95 |
| 8) 2-Chlorophenol | 7.56 | 128 | 10181 | 3.80 | ng | | 98 |
| 10) Phenol | 7.44 | 94 | 10631 | 3.41 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 7.56 | 93 | 9687 | 3.98 | ng | | 85 |
| 12) 1,3-Dichlorobenzene | 7.86 | 146 | 11523 | 3.78 | ng | | 92 |
| 13) 1,4-Dichlorobenzene | 8.06 | 146 | 11903 | 3.68 | ng | | 91 |
| 14) 1,2-Dichlorobenzene | 8.37 | 146 | 11562 | 3.88 | ng | | 95 |
| 15) Benzyl Alcohol | 8.45 | 79 | 8539 | 3.60 | ng | # | 91 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.80 | 45 | 13478 | 4.12 | ng | | 80 |
| 17) 2-Methylphenol | 8.79 | 107 | 7632 | 3.49 | ng | | 88 |
| 18) Hexachloroethane | 9.12 | 117 | 3888 | 3.46 | ng | | 91 |
| 19) n-Nitroso-di-n-propylamine | 9.08 | 70 | 6749 | 3.29 | ng | # | 98 |
| 20) 3+4-Methylphenols | 9.18 | 107 | 10257 | 3.54 | ng | | 89 |
| 22) Acetophenone | 9.00 | 105 | 15192 | 3.71 | ng | | 97 |
| 24) Nitrobenzene | 9.35 | 77 | 10934 | 3.56 | ng | # | 91 |
| 25) Isophorone | 9.94 | 82 | 19663 | 3.58 | ng | # | 92 |
| 26) 2-Nitrophenol | 10.10 | 139 | 4141 | 4.30 | ng | # | 78 |
| 27) 2,4-Dimethylphenol | 10.37 | 122 | 8670 | 3.65 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.57 | 93 | 12262 | 3.93 | ng | # | 98 |
| 29) 2,4-Dichlorophenol | 10.71 | 162 | 7288 | 3.29 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.84 | 180 | 9725 | 3.96 | ng | | 97 |
| 31) Naphthalene | 10.97 | 128 | 33685 | 3.92 | ng | | 97 |
| 33) 4-Chloroaniline | 11.21 | 127 | 12618 | 3.63 | ng | | 93 |
| 34) Hexachlorobutadiene | 11.34 | 225 | 5325 | 3.65 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.52 | 107 | 9265 | 3.66 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.63 | 142 | 21111 | 3.59 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 9070 | 4.05 | ng | | 93 |
| 40) Hexachlorocyclopentadiene | 13.02 | 237 | 2159 | 6.27 | ng | | 92 |
| 42) 2,4,6-Trichlorophenol | 13.39 | 196 | 4466 | 2.74 | ng | | 92 |
| 43) 2,4,5-Trichlorophenol | 13.48 | 196 | 5385m | 3.24 | ng | | |
| 45) 1,1'-Biphenyl | 13.79 | 154 | 26589 | 3.96 | ng | | 95 |

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|---|---|---|---|---|---|---|---|
| 46) 2-Chloronaphthalene | 13.76 | 162 | 21594 | 3.91 | ng | | 93 |
| 47) 2-Nitroaniline | 14.11 | 65 | 5221 | 3.12 | ng | | 91 |
| 48) Acenaphthylene | 14.71 | 152 | 33525 | 3.60 | ng | # | 91 |
| 49) Dimethylphthalate | 14.64 | 163 | 25215 | 3.93 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 14.75 | 165 | 4311 | 3.36 | ng | | 88 |
| 51) Acenaphthene | 15.15 | 154 | 19154 | 3.62 | ng | | 91 |
| 52) 3-Nitroaniline | 15.10 | 138 | 5241 | 4.83 | ng | # | 73 |
| 54) Dibenzofuran | 15.57 | 168 | 27958 | 3.63 | ng | | 96 |
| 55) 4-Nitrophenol | 15.72 | 139 | 4383m | 4.36 | ng | | |
| 56) 2,4-Dinitrotoluene | 15.68 | 165 | 4959 | 4.58 | ng | # | 91 |
| 57) Fluorene | 16.27 | 166 | 24101 | 3.70 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.90 | 232 | 3841 | 3.17 | ng | # | 94 |
| 59) Diethylphthalate | 16.25 | 149 | 25035 | 3.86 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 16.36 | 204 | 10146 | 3.80 | ng | | 95 |
| 61) 4-Nitroaniline | 16.39 | 138 | 4352 | 4.04 | ng | # | 79 |
| 62) Azobenzene | 16.63 | 77 | 22219 | 3.29 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 16.48 | 198 | 228 | 3.53 | ng | # | 1 |
| 65) n-Nitrosodiphenylamine | 16.60 | 169 | 19718 | 3.73 | ng | | 92 |
| 66) 4-Bromophenyl-phenylether | 17.19 | 248 | 6437 | 4.29 | ng | | 93 |
| 67) Hexachlorobenzene | 17.21 | 284 | 5866 | 3.71 | ng | # | 83 |
| 68) Atrazine | 17.55 | 200 | 6355 | 3.97 | ng | | 96 |
| 69) Pentachlorophenol | 17.58 | 266 | 1397 | 8.67 | ng | # | 84 |
| 70) Phenanthrene | 17.84 | 178 | 34537 | 3.74 | ng | | 96 |
| 71) Anthracene | 17.92 | 178 | 33557 | 3.73 | ng | | 96 |
| 72) Carbazole | 18.21 | 167 | 32578 | 3.73 | ng | | 96 |
| 73) Di-n-butylphthalate | 18.79 | 149 | 37033 | 3.66 | ng | | 100 |
| 74) Fluoranthene | 19.49 | 202 | 34620 | 3.66 | ng | | 95 |
| 77) Pyrene | 19.77 | 202 | 36691 | 3.55 | ng | | 98 |
| 79) Butylbenzylphthalate | 20.70 | 149 | 14331 | 3.07 | ng | | 94 |
| 80) Benzo(a)anthracene | 21.29 | 228 | 33796 | 3.58 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.31 | 252 | 11791 | 3.93 | ng | # | 92 |
| 82) Chrysene | 21.34 | 228 | 32658 | 3.79 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.43 | 149 | 22282 | 3.44 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 22.20 | 149 | 35062 | 3.12 | ng | # | 95 |
| 85) Indeno(1,2,3-cd)pyrene | 24.05 | 276 | 34447m | 3.77 | ng | | |
| 87) Benzo(b)fluoranthene | 22.54 | 252 | 31248 | 3.20 | ng | # | 91 |
| 88) Benzo(k)fluoranthene | 22.57 | 252 | 32342m | 3.79 | ng | | |
| 89) Benzo(a)pyrene | 22.88 | 252 | 32314 | 3.75 | ng | # | 98 |
| 90) Dibenzo(a,h)anthracene | 24.08 | 278 | 29183m | 3.69 | ng | | |
| 91) Benzo(g,h,i)perylene | 24.35 | 276 | 30259m | 3.85 | ng | | |

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

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