Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020817\
Data File : BM008980.D
Acq On : 08 Feb 2017 11:01
Operator : SJ/MA
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Feb 08 13:47:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM020817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 08 13:41:42 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.90 | 152 | 155456 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.71 | 136 | 597603 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.54 | 164 | 427272 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.29 | 188 | 914622 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.46 | 240 | 1162332 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.81 | 264 | 1136866 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.37 | 96 | 8403 | 2.16 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.06 | 99 | 59757 | 4.11 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.24 | 67 | 48117 | 4.05 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.43 | 132 | 41836 | 4.67 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.60 | 113 | 43426 | 3.96 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.07 | 128 | 17681 | 4.10 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.79 | 143 | 19104 | 3.98 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.32 | 165 | 43679 | 4.32 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.85 | 131 | 39090 | 4.22 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.95 | 166 | 138562 | 4.42 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.24 | 160 | 151403 | 4.26 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.73 | 143 | 19478 | 3.81 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.53 | 176 | 129491 | 4.48 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.65 | 200 | 18249 | 3.08 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.39 | 188 | 207049 | 4.74 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.68 | 212 | 230741 | 4.50 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.66 | 264 | 238825 | 4.63 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.40 | 88 | 9689 | 1.98 | ng/uL# | 74 |
| 4) Benzaldehyde | 7.05 | 77 | 53472 | 3.68 | ng/ul | 89 |
| 6) Phenol | 7.09 | 94 | 65784 | 4.27 | ng/ul# | 63 |
| 8) Bis(2-Chloroethyl)ether | 7.33 | 93 | 54845 | 4.71 | ng/ul | 89 |
| 10) 2-Chlorophenol | 7.47 | 128 | 45185 | 4.88 | ng/ul# | 69 |
| 11) 2-Methylphenol | 8.34 | 108 | 44958 | 4.16 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.43 | 45 | 94680 | 4.11 | ng/ul# | 91 |
| 14) Acetophenone | 8.73 | 105 | 81252 | 3.94 | ng/ul# | 74 |
| 15) N-Nitroso-di-n-propylamine | 8.71 | 70 | 45868 | 3.39 | ng/ul# | 82 |
| 16) 4-Methylphenol | 8.66 | 108 | 50747 | 4.40 | ng/ul | 86 |
| 17) Hexachloroethane | 8.99 | 117 | 22179 | 3.76 | ng/ul | 89 |
| 20) Nitrobenzene | 9.11 | 77 | 68212 | 3.45 | ng/ul# | 93 |
| 21) Isophorone | 9.63 | 82 | 116182 | 3.96 | ng/ul# | 96 |
| 23) 2-Nitrophenol | 9.82 | 139 | 22168 | 4.45 | ng/ul# | 43 |
| 24) 2,4-Dimethylphenol | 9.87 | 107 | 59064 | 3.90 | ng/ul | 87 |
| 25) Bis(2-Chloroethoxy)methane | 10.12 | 93 | 67301 | 4.51 | ng/ul | 95 |
| 27) 2,4-Dichlorophenol | 10.35 | 162 | 44739 | 4.41 | ng/ul# | 92 |
| 28) Naphthalene | 10.76 | 128 | 142658 | 4.82 | ng/ul# | 96 |
| 30) 4-Chloroaniline | 10.87 | 127 | 39464 | 4.06 | ng/ul | 89 |
| 31) Hexachlorobutadiene | 11.03 | 225 | 39350 | 3.93 | ng/ul | 98 |
| 32) Caprolactam | 11.64 | 113 | 9411 | 3.06 | ng/ul | 90 |
| 33) 4-Chloro-3-methylphenol | 11.98 | 107 | 49395 | 3.67 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.37 | 142 | 107527 | 4.64 | ng/ul | 87 |

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|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.73 | 216 | 67746 | 4.72 | ng/ul# | 95 |
| 37) Hexachlorocyclopentadiene | 12.70 | 237 | 41895 | 3.84 | ng/ul | 88 |
| 38) 2,4,6-Trichlorophenol | 12.97 | 196 | 35864 | 4.14 | ng/ul | 95 |
| 39) 2,4,5-Trichlorophenol | 13.04 | 196 | 39809 | 4.22 | ng/ul | 89 |
| 40) 1,1'-Biphenyl | 13.37 | 154 | 142770 | 4.91 | ng/ul | 94 |
| 41) 2-Chloronaphthalene | 13.42 | 162 | 113090 | 4.97 | ng/ul | 100 |
| 42) 2-Nitroaniline | 13.63 | 65 | 33129 | 2.70 | ng/ul# | 81 |
| 44) Dimethylphthalate | 14.00 | 163 | 142088 | 4.65 | ng/ul# | 93 |
| 45) 2,6-Dinitrotoluene | 14.12 | 165 | 22094 | 3.78 | ng/ul# | 69 |
| 47) Acenaphthylene | 14.27 | 152 | 159213 | 4.55 | ng/ul | 96 |
| 48) 3-Nitroaniline | 14.45 | 138 | 19784 | 3.94 | ng/ul | 92 |
| 49) Acenaphthene | 14.61 | 153 | 120686 | 4.81 | ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.66 | 184 | 11965 | 2.71 | ng/ul# | 69 |
| 52) 4-Nitrophenol | 14.74 | 109 | 22526 | 2.02 | ng/ul# | 70 |
| 53) Dibenzofuran | 14.94 | 168 | 180014 | 4.71 | ng/ul# | 86 |
| 54) 2,4-Dinitrotoluene | 14.90 | 165 | 33844 | 3.81 | ng/ul# | 64 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.17 | 232 | 35288 | 3.88 | ng/ul# | 78 |
| 56) Diethylphthalate | 15.36 | 149 | 141427 | 4.18 | ng/ul | 95 |
| 58) Fluorene | 15.59 | 166 | 142157 | 4.37 | ng/ul# | 95 |
| 59) 4-Chlorophenyl-phenylether | 15.59 | 204 | 80709 | 4.34 | ng/ul# | 93 |
| 60) 4-Nitroaniline | 15.61 | 138 | 24924 | 3.84 | ng/ul# | 32 |
| 63) 4,6-Dinitro-2-methylphenol | 15.66 | 198 | 19813 | 3.31 | ng/ul# | 86 |
| 64) N-Nitrosodiphenylamine | 15.80 | 169 | 119547 | 4.73 | ng/ul | 90 |
| 65) 4-Bromophenyl-phenylether | 16.48 | 248 | 47216 | 4.40 | ng/ul | 95 |
| 66) Hexachlorobenzene | 16.59 | 284 | 56186 | 4.86 | ng/ul | 99 |
| 67) Atrazine | 16.74 | 200 | 43828 | 3.84 | ng/ul | 99 |
| 68) Pentachlorophenol | 16.93 | 266 | 27296 | 3.71 | ng/ul# | 89 |
| 69) Phenanthrene | 17.33 | 178 | 237231 | 4.79 | ng/ul | 98 |
| 71) Anthracene | 17.43 | 178 | 231663 | 4.55 | ng/ul | 97 |
| 72) Carbazole | 17.69 | 167 | 198979 | 4.40 | ng/ul | 98 |
| 73) Di-n-butylphthalate | 18.24 | 149 | 221760 | 4.14 | ng/ul# | 96 |
| 74) Fluoranthene | 19.34 | 202 | 287151 | 4.35 | ng/ul# | 93 |
| 77) Pyrene | 19.70 | 202 | 299798 | 4.66 | ng/ul# | 95 |
| 78) Butylbenzylphthalate | 20.59 | 149 | 92524 | 3.88 | ng/ul | 92 |
| 79) 3,3'-Dichlorobenzidine | 21.38 | 252 | 96689 | 4.26 | ng/ul | 97 |
| 80) Benzo(a)anthracene | 21.44 | 228 | 314016 | 4.67 | ng/ul | 98 |
| 81) Bis(2-ethylhexyl)phthalate | 21.36 | 149 | 138386 | 4.14 | ng/ul | 98 |
| 82) Chrysene | 21.50 | 228 | 306242 | 4.82 | ng/ul | 99 |
| 84) Di-n-octyl phthalate | 22.26 | 149 | 235794 | 3.42 | ng/ul | 94 |
| 85) Benzo(b)fluoranthene | 23.10 | 252 | 321981 | 4.68 | ng/ul# | 98 |
| 86) Benzo(k)fluoranthene | 23.14 | 252 | 292327 | 4.44 | ng/ul# | 94 |
| 88) Benzo(a)pyrene | 23.71 | 252 | 300182 | 4.57 | ng/ul# | 98 |
| 89) Indeno(1,2,3-cd)pyrene | 26.21 | 276 | 341469 | 4.83 | ng/ul# | 90 |
| 90) Dibenzo(a,h)anthracene | 26.21 | 278 | 179183 | 2.97 | ng/ul# | 93 |
| 91) Benzo(g,h,i)perylene | 26.94 | 276 | 295857 | 5.11 | ng/ul# | 95 |

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

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