Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
Data File : BM008905.D
Acq On : 30 Jan 2017 11:06
Operator : SJ/MA
Sample : SSTD00553
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jan 30 14:25:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 30 14:20:42 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 35660 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.73 | 136 | 143442 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.56 | 164 | 111277 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.30 | 188 | 254119 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.47 | 240 | 347147 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.83 | 264 | 348145 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.38 | 96 | 1899 | 2.63 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.07 | 99 | 15396 | 5.10 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.25 | 67 | 13914 | 5.79 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.45 | 132 | 8865 | 4.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.62 | 113 | 11718 | 4.95 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.09 | 128 | 4854 | 5.32 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.81 | 143 | 5192 | 4.68 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.35 | 165 | 11423 | 4.92 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.86 | 131 | 9620 | 3.80 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.97 | 166 | 40409 | 5.54 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.26 | 160 | 38639 | 4.48 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.74 | 143 | 5580 | 4.58 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.55 | 176 | 34743 | 5.02 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.67 | 200 | 7279 | 4.81 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.30 | 188 | 254119 | 22.87 | ng/ul | -0.10 |
| 76) Pyrene-d10 | 19.69 | 212 | 69022 | 4.53 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.67 | 264 | 72774 | 4.94 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.41 | 88 | 2295 | 2.63 | ng/uL# | 81 |
| 4) Benzaldehyde | 7.07 | 77 | 15690 | 6.31 | ng/ul | 95 |
| 6) Phenol | 7.11 | 94 | 15299 | 4.65 | ng/ul | 88 |
| 8) Bis(2-Chloroethyl)ether | 7.35 | 93 | 13167 | 5.34 | ng/ul# | 85 |
| 10) 2-Chlorophenol | 7.49 | 128 | 10246 | 5.04 | ng/ul# | 91 |
| 11) 2-Methylphenol | 8.36 | 108 | 10989 | 4.65 | ng/ul | 85 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.45 | 45 | 28269 | 6.10 | ng/ul | 97 |
| 14) Acetophenone | 8.75 | 105 | 22135 | 5.11 | ng/ul | 93 |
| 15) N-Nitroso-di-n-propylamine | 8.73 | 70 | 13988 | 4.95 | ng/ul# | 87 |
| 16) 4-Methylphenol | 8.68 | 108 | 13140 | 5.16 | ng/ul# | 54 |
| 17) Hexachloroethane | 9.00 | 117 | 6383 | 5.09 | ng/ul# | 80 |
| 20) Nitrobenzene | 9.13 | 77 | 24599 | 6.12 | ng/ul# | 85 |
| 21) Isophorone | 9.65 | 82 | 32390 | 4.99 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.83 | 139 | 4436 | 3.85 | ng/ul | 89 |
| 24) 2,4-Dimethylphenol | 9.89 | 107 | 17324 | 5.28 | ng/ul | 91 |
| 25) Bis(2-Chloroethoxy)methane | 10.13 | 93 | 18558 | 5.74 | ng/ul# | 90 |
| 27) 2,4-Dichlorophenol | 10.37 | 162 | 11375 | 4.99 | ng/ul# | 75 |
| 28) Naphthalene | 10.78 | 128 | 33073 | 4.99 | ng/ul# | 94 |
| 30) 4-Chloroaniline | 10.89 | 127 | 11850 | 4.57 | ng/ul# | 81 |
| 31) Hexachlorobutadiene | 11.06 | 225 | 12456 | 5.64 | ng/ul# | 87 |
| 32) Caprolactam | 11.66 | 113 | 2452 | 3.49 | ng/ul# | 58 |
| 33) 4-Chloro-3-methylphenol | 12.00 | 107 | 14643 | 4.95 | ng/ul# | 86 |
| 34) 2-Methylnaphthalene | 12.39 | 142 | 25015 | 4.65 | ng/ul | 90 |

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|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.75 | 216 | 17834 | 5.22 ng/ul# | 89 |
| 37) Hexachlorocyclopentadiene | 12.72 | 237 | 13075 | 4.95 ng/ul# | 93 |
| 38) 2,4,6-Trichlorophenol | 13.05 | 196 | 11777 | 5.71 ng/ul | 94 |
| 39) 2,4,5-Trichlorophenol | 13.05 | 196 | 11777 | 5.31 ng/ul | 95 |
| 40) 1,1'-Biphenyl | 13.39 | 154 | 35087 | 5.10 ng/ul# | 84 |
| 41) 2-Chloronaphthalene | 13.43 | 162 | 28307 | 5.23 ng/ul# | 94 |
| 42) 2-Nitroaniline | 13.64 | 65 | 14560 | 5.42 ng/ul | 89 |
| 44) Dimethylphthalate | 14.01 | 163 | 36938 | 5.07 ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 14.13 | 165 | 6552 | 4.69 ng/ul | 91 |
| 47) Acenaphthylene | 14.29 | 152 | 41632 | 5.01 ng/ul | 96 |
| 48) 3-Nitroaniline | 14.47 | 138 | 5302 | 4.01 ng/ul# | 70 |
| 49) Acenaphthene | 14.63 | 153 | 29433 | 5.03 ng/ul | 95 |
| 50) 2,4-Dinitrophenol | 14.67 | 184 | 4311 | 4.30 ng/ul | 87 |
| 52) 4-Nitrophenol | 14.76 | 109 | 13549 | 5.39 ng/ul | 90 |
| 53) Dibenzofuran | 14.96 | 168 | 47136 | 5.24 ng/ul | 92 |
| 54) 2,4-Dinitrotoluene | 14.92 | 165 | 9474 | 4.42 ng/ul# | 79 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.18 | 232 | 10071 | 4.53 ng/ul# | 88 |
| 56) Diethylphthalate | 15.37 | 149 | 38913 | 4.91 ng/ul | 96 |
| 58) Fluorene | 15.61 | 166 | 38619 | 5.14 ng/ul | 93 |
| 59) 4-Chlorophenyl-phenylether | 15.60 | 204 | 22642 | 5.20 ng/ul# | 75 |
| 60) 4-Nitroaniline | 15.63 | 138 | 6367 | 4.33 ng/ul | 95 |
| 63) 4,6-Dinitro-2-methylphenol | 15.68 | 198 | 7159 | 4.57 ng/ul# | 90 |
| 64) N-Nitrosodiphenylamine | 15.81 | 169 | 34481 | 5.36 ng/ul | 96 |
| 65) 4-Bromophenyl-phenylether | 16.49 | 248 | 14766 | 5.35 ng/ul | 90 |
| 66) Hexachlorobenzene | 16.60 | 284 | 14700 | 4.91 ng/ul# | 82 |
| 67) Atrazine | 16.76 | 200 | 13865 | 4.71 ng/ul# | 94 |
| 68) Pentachlorophenol | 16.94 | 266 | 8619 | 4.39 ng/ul# | 81 |
| 69) Phenanthrene | 17.44 | 178 | 66835 | 5.34 ng/ul | 94 |
| 71) Anthracene | 17.44 | 178 | 66835 | 5.22 ng/ul | 95 |
| 72) Carbazole | 17.71 | 167 | 56569 | 5.04 ng/ul# | 88 |
| 73) Di-n-butylphthalate | 18.26 | 149 | 66011 | 4.89 ng/ul# | 95 |
| 74) Fluoranthene | 19.36 | 202 | 82927 | 5.10 ng/ul | 99 |
| 77) Pyrene | 19.72 | 202 | 87889 | 4.72 ng/ul | 96 |
| 78) Butylbenzylphthalate | 20.61 | 149 | 30407 | 4.38 ng/ul | 96 |
| 79) 3,3'-Dichlorobenzidine | 21.39 | 252 | 33764 | 5.20 ng/ul# | 86 |
| 80) Benzo(a)anthracene | 21.46 | 228 | 94464 | 5.06 ng/ul | 97 |
| 81) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 41116 | 4.27 ng/ul | 99 |
| 82) Chrysene | 21.51 | 228 | 91045 | 5.25 ng/ul | 95 |
| 84) Di-n-octyl phthalate | 22.28 | 149 | 73827 | 3.65 ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 23.16 | 252 | 90617 | 4.48 ng/ul | 100 |
| 86) Benzo(k)fluoranthene | 23.16 | 252 | 90617 | 4.72 ng/ul | 99 |
| 88) Benzo(a)pyrene | 23.72 | 252 | 94992 | 5.12 ng/ul# | 94 |
| 89) Indeno(1,2,3-cd)pyrene | 26.24 | 276 | 113386 | 6.09 ng/ul# | 89 |
| 90) Dibenzo(a,h)anthracene | 26.26 | 278 | 94770 | 5.88 ng/ul | 97 |
| 91) Benzo(g,h,i)perylene | 26.98 | 276 | 92734 | 6.12 ng/ul | 93 |

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

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