Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021216\
Data File : BM004229.D
Acq On : 12 Feb 2016 15:27
Operator : SJ/IZ
Sample : SSTD02058
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02058

Quant Time: Feb 12 16:27:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 12 16:10:08 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 25954 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.43 | 136 | 116843 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.31 | 164 | 70407 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.06 | 188 | 155492 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.27 | 240 | 143472 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.50 | 264 | 120604 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.10 | 96 | 4407 | 8.98 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.83 | 99 | 43738 | 17.28 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.98 | 67 | 23670 | 17.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.18 | 132 | 38843 | 19.71 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 38465 | 17.71 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.80 | 128 | 18951 | 21.88 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.52 | 143 | 21389 | 22.26 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.06 | 165 | 38253 | 21.42 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.57 | 131 | 51168 | 22.51 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.72 | 166 | 126087 | 20.82 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.00 | 160 | 149690 | 21.22 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.53 | 143 | 20320 | 16.76 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.30 | 176 | 105056 | 20.22 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 18701 | 19.52 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.16 | 188 | 159199 | 21.05 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.47 | 212 | 163726 | 25.47 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.36 | 264 | 134068 | 21.31 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.14 | 88 | 4944 | 8.15 | ng/uL | 96 |
| 4) Benzaldehyde | 6.79 | 77 | 29461 | 20.06 | ng/ul | 99 |
| 6) Phenol | 6.85 | 94 | 46812 | 17.01 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.07 | 93 | 35892 | 18.41 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.21 | 128 | 40176 | 19.37 | ng/ul | 98 |
| 11) 2-Methylphenol | 8.10 | 108 | 37501 | 17.69 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.18 | 45 | 35701 | 16.80 | ng/ul | 99 |
| 14) Acetophenone | 8.47 | 105 | 62652 | 18.09 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.45 | 70 | 30093 | 17.68 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.42 | 108 | 41941 | 17.48 | ng/ul | 100 |
| 17) Hexachloroethane | 8.72 | 117 | 15761 | 20.88 | ng/ul | 94 |
| 20) Nitrobenzene | 8.85 | 77 | 43076 | 20.12 | ng/ul | 99 |
| 21) Isophorone | 9.36 | 82 | 84903 | 19.62 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.56 | 139 | 24095 | 21.78 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 9.62 | 107 | 48415 | 20.61 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.85 | 93 | 51487 | 20.27 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.09 | 162 | 40558 | 21.32 | ng/ul | 99 |
| 28) Naphthalene | 10.48 | 128 | 136437 | 20.74 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.60 | 127 | 54500 | 22.31 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.76 | 225 | 26137 | 23.64 | ng/ul | 98 |
| 32) Caprolactam | 11.35 | 113 | 12594 | 16.88 | ng/ul | 94 |
| 33) 4-Chloro-3-methylphenol | 11.74 | 107 | 46057 | 19.51 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.10 | 142 | 100470 | 20.26 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.33 | 142 | 94773 | 20.02 | ng/ul | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216 | 50455 | 23.28 | ng/ul | 99 |
| 38) Hexachlorocyclopentadiene | 12.46 | 237 | 19898 | 22.54 | ng/ul | 98 |
| 39) 2,4,6-Trichlorophenol | 12.73 | 196 | 32737 | 22.59 | ng/ul | 100 |
| 40) 2,4,5-Trichlorophenol | 12.80 | 196 | 35465 | 22.01 | ng/ul | 98 |
| 41) 1,1'-Biphenyl | 13.13 | 154 | 129917 | 21.57 | ng/ul | 99 |
| 42) 2-Chloronaphthalene | 13.17 | 162 | 98944 | 21.75 | ng/ul | 98 |
| 43) 2-Nitroaniline | 13.39 | 65 | 25361 | 19.36 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.76 | 163 | 132166 | 20.71 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.89 | 165 | 26585 | 21.63 | ng/ul | 98 |
| 48) Acenaphthylene | 14.03 | 152 | 163462 | 21.02 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.22 | 138 | 26494 | 19.79 | ng/ul | 99 |
| 50) Acenaphthene | 14.37 | 153 | 110334 | 20.90 | ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.44 | 184 | 10912 | 15.79 | ng/ul | 94 |
| 53) 4-Nitrophenol | 14.54 | 109 | 16632 | 17.01 | ng/ul | 99 |
| 54) Dibenzofuran | 14.71 | 168 | 153005 | 20.40 | ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.69 | 165 | 38967 | 20.06 | ng/ul | 96 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.94 | 232 | 29116 | 20.39 | ng/ul | 98 |
| 57) Diethylphthalate | 15.13 | 149 | 133892 | 20.17 | ng/ul | 99 |
| 59) Fluorene | 15.36 | 166 | 126892 | 20.34 | ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.36 | 204 | 62544 | 21.26 | ng/ul | 95 |
| 61) 4-Nitroaniline | 15.39 | 138 | 28930 | 17.73 | ng/ul | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 15.46 | 198 | 20810 | 19.81 | ng/ul | 98 |
| 65) N-Nitrosodiphenylamine | 15.57 | 169 | 107989 | 22.29 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.25 | 248 | 37069 | 23.47 | ng/ul | 93 |
| 67) Hexachlorobenzene | 16.37 | 284 | 41715 | 22.70 | ng/ul | 97 |
| 68) Atrazine | 16.53 | 200 | 38794 | 21.53 | ng/ul | 98 |
| 69) Pentachlorophenol | 16.72 | 266 | 18714 | 19.56 | ng/ul | 100 |
| 70) Phenanthrene | 17.10 | 178 | 197730 | 20.84 | ng/ul | 99 |
| 72) Anthracene | 17.19 | 178 | 200917 | 20.88 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.10 | 216 | 47198 | 25.29 | ng/uL | 99 |
| 74) Pentachlorobenzene | 14.63 | 250 | 47607 | 24.20 | ng/uL | 99 |
| 75) Carbazole | 17.47 | 167 | 174002 | 19.87 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 18.03 | 149 | 220780 | 21.06 | ng/ul | 100 |
| 77) Fluoranthene | 19.13 | 202 | 215891 | 19.55 | ng/ul | 100 |
| 80) Pyrene | 19.50 | 202 | 224211 | 25.42 | ng/ul | 97 |
| 81) Butylbenzylphthalate | 20.40 | 149 | 89097 | 23.77 | ng/ul | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.19 | 252 | 61085 | 20.71 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.26 | 228 | 190793 | 20.89 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 128172 | 22.67 | ng/ul | 98 |
| 85) Chrysene | 21.31 | 228 | 180492 | 20.78 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.06 | 149 | 205934 | 25.41 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.83 | 252 | 173134 | 22.49 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.87 | 252 | 157689 | 21.99 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.40 | 252 | 159568 | 21.46 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 174630 | 19.67 | ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 25.76 | 278 | 146115 | 19.74 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.43 | 276 | 146891 | 19.41 | ng/ul | 99 |

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

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