Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100317\
Data File : BM011851.D
Acq On : 03 Oct 2017 15:04
Operator : SJ/JU
Sample : SSTD16014
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD16014

Quant Time: Oct 03 15:34:05 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 14:58:01 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 227028 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.69 | 136 | 1039113 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.53 | 164 | 689122 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.27 | 188 | 1724949 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.44 | 240 | 2268364 | 20.00 | ng/ul | 0.02 |
| 83) Perylene-d12 | 23.77 | 264 | 1991856 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 278100 | 144.84 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.05 | 99 | 3379682 | 173.41 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.22 | 67 | 1835935 | 159.04 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4 | 7.42 | 132 | 2781516 | 177.51 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.60 | 113 | 2877094 | 171.17 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 9.06 | 128 | 1355995 | 183.25 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.77 | 143 | 1653794 | 198.42 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.32 | 165 | 3149912 | 187.01 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 10.83 | 131 | 2208018 | 120.75 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 13.94 | 166 | 9807844 | 164.22 | ng/ul | 0.02 |
| 46) Acenaphthylene-d8 | 14.22 | 160 | 11856816 | 168.94 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.75 | 143 | 1924282 | 185.27 | ng/ul | 0.04 |
| 57) Fluorene-d10 | 15.52 | 176 | 8707655 | 165.19 | ng/ul | 0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.66 | 200 | 2224976 | 191.64 | ng/ul | 0.03 |
| 70) Anthracene-d10 | 17.37 | 188 | 13719278 | 161.40 | ng/ul | 0.01 |
| 76) Pyrene-d10 | 19.66 | 212 | 15695463 | 153.40 | ng/ul | 0.01 |
| 87) Benzo(a)pyrene-d12 | 23.63 | 264 | 16391770 | 171.07 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 284392 | 145.771 | ng/uL# | 66 |
| 4) Benzaldehyde | 7.02 | 77 | 1258967 | 147.787 | ng/ul | 88 |
| 6) Phenol | 7.08 | 94 | 3292929 | 170.754 | ng/ul# | 83 |
| 8) Bis(2-Chloroethyl)ether | 7.31 | 93 | 2332268 | 160.922 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.45 | 128 | 2682389 | 175.182 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.33 | 108 | 2499939 | 170.239 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.42 | 45 | 2846790 | 153.357 | ng/ul# | 86 |
| 14) Acetophenone | 8.72 | 105 | 4070098 | 165.090 | ng/ul | 88 |
| 15) N-Nitroso-di-n-propylamine | 8.72 | 70 | 2162162 | 171.007 | ng/ul# | 66 |
| 16) 4-Methylphenol | 8.67 | 108 | 2757463 | 168.137 | ng/ul | 95 |
| 17) Hexachloroethane | 8.96 | 117 | 1017734 | 165.658 | ng/ul | 87 |
| 20) Nitrobenzene | 9.10 | 77 | 3088392 | 172.754 | ng/ul | 91 |
| 21) Isophorone | 9.63 | 82 | 5858776 | 175.745 | ng/ul# | 92 |
| 23) 2-Nitrophenol | 9.81 | 139 | 1661470 | 189.665 | ng/ul# | 74 |
| 24) 2,4-Dimethylphenol | 9.86 | 107 | 3225788 | 171.694 | ng/ul# | 86 |
| 25) Bis(2-Chloroethoxy)methane | 10.10 | 93 | 3436988 | 167.900 | ng/ul | 96 |
| 27) 2,4-Dichlorophenol | 10.34 | 162 | 2942955 | 181.064 | ng/ul# | 91 |
| 28) Naphthalene | 10.74 | 128 | 8482568 | 162.733 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.85 | 127 | 2197068 | 122.367 | ng/ul | 95 |
| 31) Hexachlorobutadiene | 11.02 | 225 | 1985721 | 166.518 | ng/ul | 94 |
| 32) Caprolactam | 11.69 | 113 | 523675 | 98.985 | ng/ul# | 40 |
| 33) 4-Chloro-3-methylphenol | 11.99 | 107 | 3174238 | 179.667 | ng/ul | 93 |
| 34) 2-Methylnaphthalene | 12.35 | 142 | 6698048 | 168.516 | ng/ul | 97 |

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|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.72 | 216 | 3992616 | 170.791 | ng/ul | 96 |
| 37) Hexachlorocyclopentadiene | 12.69 | 237 | 2442068 | 179.654 | ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.96 | 196 | 2780889 | 187.291 | ng/ul | 96 |
| 39) 2,4,5-Trichlorophenol | 13.04 | 196 | 2917891 | 186.715 | ng/ul | 98 |
| 40) 1,1'-Biphenyl | 13.36 | 154 | 8847400 | 160.581 | ng/ul | 97 |
| 41) 2-Chloronaphthalene | 13.40 | 162 | 7039437 | 163.279 | ng/ul | 98 |
| 42) 2-Nitroaniline | 13.62 | 65 | 2180153 | 199.206 | ng/ul# | 85 |
| 44) Dimethylphthalate | 13.99 | 163 | 9319051 | 162.188 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 14.12 | 165 | 2134728 | 197.052 | ng/ul | 88 |
| 47) Acenaphthylene | 14.26 | 152 | 11094389 | 163.029 | ng/ul | 98 |
| 48) 3-Nitroaniline | 14.45 | 138 | 1772517 | 177.786 | ng/ul | 86 |
| 49) Acenaphthene | 14.59 | 153 | 7663673 | 162.745 | ng/ul | 100 |
| 50) 2,4-Dinitrophenol | 14.65 | 184 | 1529671 | 215.256 | ng/ul | 95 |
| 52) 4-Nitrophenol | 14.76 | 109 | 1511923 | 182.607 | ng/ul# | 78 |
| 53) Dibenzofuran | 14.93 | 168 | 10912159 | 159.665 | ng/ul | 100 |
| 54) 2,4-Dinitrotoluene | 14.90 | 165 | 3130535 | 195.442 | ng/ul# | 79 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.16 | 232 | 2922290 | 191.484 | ng/ul# | 98 |
| 56) Diethylphthalate | 15.35 | 149 | 9690768 | 166.166 | ng/ul | 98 |
| 58) Fluorene | 15.58 | 166 | 9438930 | 165.382 | ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.56 | 204 | 5202094 | 172.344 | ng/ul | 98 |
| 60) 4-Nitroaniline | 15.63 | 138 | 2271353 | 194.738 | ng/ul | 89 |
| 63) 4,6-Dinitro-2-methylphenol | 15.67 | 198 | 2223672 | 187.553 | ng/ul# | 81 |
| 64) N-Nitrosodiphenylamine | 15.79 | 169 | 8243222 | 165.429 | ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.46 | 248 | 3429886 | 177.513 | ng/ul | 96 |
| 66) Hexachlorobenzene | 16.57 | 284 | 3622378 | 167.684 | ng/ul# | 91 |
| 67) Atrazine | 16.74 | 200 | 3094019 | 156.989 | ng/ul | 93 |
| 68) Pentachlorophenol | 16.92 | 266 | 2470682 | 181.717 | ng/ul | 98 |
| 69) Phenanthrene | 17.31 | 178 | 14293229 | 150.639 | ng/ul | 95 |
| 71) Anthracene | 17.31 | 178 | 14293229 | 148.048 | ng/ul | 93 |
| 72) Carbazole | 17.67 | 167 | 13432125 | 160.728 | ng/ul | 93 |
| 73) Di-n-butylphthalate | 18.22 | 149 | 13547644 | 135.195 | ng/ul# | 95 |
| 77) Pyrene | 19.69 | 202 | 14891234 | 118.396 | ng/ul# | 70 |
| 78) Butylbenzylphthalate | 20.57 | 149 | 8654396 | 175.655 | ng/ul | 92 |
| 79) 3,3'-Dichlorobenzidine | 21.36 | 252 | 7270837 | 172.762 | ng/ul# | 97 |
| 80) Benzo(a)anthracene | 21.42 | 228 | 16387368 | 126.106 | ng/ul# | 77 |
| 81) Bis(2-ethylhexyl)phthalate | 21.33 | 149 | 10950720 | 149.402 | ng/ul# | 83 |
| 82) Chrysene | 21.47 | 228 | 14150885 | 114.610 | ng/ul# | 89 |
| 85) Benzo(b)fluoranthene | 23.07 | 252 | 20980648 | 173.291 | ng/ul# | 92 |
| 86) Benzo(k)fluoranthene | 23.12 | 252 | 17283303 | 142.988 | ng/ul# | 90 |
| 88) Benzo(a)pyrene | 23.69 | 252 | 18842246 | 161.964 | ng/ul# | 93 |
| 89) Indeno(1,2,3-cd)pyrene | 26.20 | 276 | 19813601 | 159.154 | ng/ul# | 87 |
| 90) Dibenzo(a,h)anthracene | 26.20 | 278 | 16701995 | 163.274 | ng/ul# | 93 |
| 91) Benzo(g,h,i)perylene | 26.92 | 276 | 15656594 | 152.035 | ng/ul# | 93 |

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

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**Instrument :**
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