Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110918\
Data File : BM017569.D
Acq On : 08 Nov 2018 16:49
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02093

**Manual Integrations APPROVED**
Sohil
11/9/2018 5:19:04 PM

Quant Time: Nov 09 16:32:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 09 16:25:50 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 208653 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.39 | 136 | 939240 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.26 | 164 | 595898 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.02 | 188 | 1502467 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.22 | 240 | 1954625 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.41 | 264 | 2039400 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.20 | 96 | 36305 | 8.01 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.80 | 99 | 374240 | 19.63 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.97 | 67 | 231363 | 20.81 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.16 | 132 | 303621 | 20.55 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.33 | 113 | 310440 | 20.60 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.77 | 128 | 148732 | 20.26 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.49 | 143 | 167058 | 20.29 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.02 | 165 | 319154 | 20.87 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.55 | 131 | 287634 | 23.04 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.69 | 166 | 1062309 | 20.79 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.96 | 160 | 1265372 | 20.39 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.49 | 143 | 192503 | 20.16 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.26 | 176 | 920390 | 20.74 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 203134 | 19.40 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.12 | 188 | 1516238 | 20.39 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.42 | 212 | 1807900 | 19.96 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.27 | 264 | 2228123 | 20.69 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.24 | 88 | 37884 | 8.290 | ng/uL | 93 |
| 4) Benzaldehyde | 6.78 | 77 | 67969m | 18.712 | ng/ul | |
| 6) Phenol | 6.83 | 94 | 373242 | 19.722 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.06 | 93 | 288374 | 20.113 | ng/ul | 96 |
| 10) 2-Chlorophenol | 7.19 | 128 | 300703 | 20.257 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.07 | 108 | 283830 | 19.913 | ng/ul | 97 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.15 | 45 | 433911 | 22.711 | ng/ul | 99 |
| 14) Acetophenone | 8.45 | 105 | 470519 | 20.263 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.43 | 70 | 244903 | 21.472 | ng/ul | 92 |
| 16) 4-Methylphenol | 8.39 | 108 | 308772 | 20.114 | ng/ul | 95 |
| 17) Hexachloroethane | 8.68 | 117 | 118247 | 20.371 | ng/ul | 99 |
| 20) Nitrobenzene | 8.82 | 77 | 366139 | 21.105 | ng/ul | 96 |
| 21) Isophorone | 9.34 | 82 | 662054 | 21.022 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.52 | 139 | 175814 | 20.272 | ng/ul | 94 |
| 24) 2,4-Dimethylphenol | 9.58 | 107 | 361006 | 20.937 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 9.82 | 93 | 408291 | 20.432 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.05 | 162 | 304984 | 20.820 | ng/ul | 97 |
| 28) Naphthalene | 10.44 | 128 | 990174 | 20.152 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.57 | 127 | 294193 | 23.055 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.72 | 225 | 192261 | 19.844 | ng/ul | 98 |
| 32) Caprolactam | 11.35 | 113 | 101831m | 20.492 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.69 | 107 | 351058 | 21.793 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.06 | 142 | 743634 | 20.596 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.29 | 142 | 713245 | 20.604 | ng/ul | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.43 | 216 | 392902 | 19.618 | ng/ul | 99 |
| 38) Hexachlorocyclopentadiene | 12.41 | 237 | 213535 | 16.720 | ng/ul | 98 |
| 39) 2,4,6-Trichlorophenol | 12.69 | 196 | 259994 | 20.462 | ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 12.76 | 196 | 283822 | 20.755 | ng/ul | 98 |
| 41) 1,1'-Biphenyl | 13.09 | 154 | 974303 | 19.764 | ng/ul | 99 |
| 42) 2-Chloronaphthalene | 13.13 | 162 | 761533 | 19.771 | ng/ul | 100 |
| 43) 2-Nitroaniline | 13.35 | 65 | 241946 | 22.280 | ng/ul | 91 |
| 45) Dimethylphthalate | 13.73 | 163 | 1023997 | 20.682 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 13.86 | 165 | 212317 | 21.367 | ng/ul | 97 |
| 48) Acenaphthylene | 13.99 | 152 | 1179881 | 20.262 | ng/ul | 99 |
| 49) 3-Nitroaniline | 14.19 | 138 | 193179 | 20.625 | ng/ul | 99 |
| 50) Acenaphthene | 14.33 | 153 | 856787 | 20.549 | ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.40 | 184 | 116897 | 17.707 | ng/ul# | 89 |
| 53) 4-Nitrophenol | 14.50 | 109 | 162247 | 22.414 | ng/ul | 98 |
| 54) Dibenzofuran | 14.67 | 168 | 1215972 | 20.587 | ng/ul | 98 |
| 55) 2,4-Dinitrotoluene | 14.65 | 165 | 328348 | 22.149 | ng/ul# | 87 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.90 | 232 | 274777 | 21.709 | ng/ul | 96 |
| 57) Diethylphthalate | 15.10 | 149 | 1060589 | 21.427 | ng/ul | 99 |
| 59) Fluorene | 15.32 | 166 | 1018859 | 20.926 | ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.32 | 204 | 518595 | 20.816 | ng/ul | 97 |
| 61) 4-Nitroaniline | 15.36 | 138 | 221363 | 19.710 | ng/ul | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 15.42 | 198 | 210683 | 19.708 | ng/ul | 99 |
| 65) N-Nitrosodiphenylamine | 15.54 | 169 | 901228 | 19.961 | ng/ul | 98 |
| 66) 4-Bromophenyl-phenylether | 16.22 | 248 | 336951 | 19.971 | ng/ul | 97 |
| 67) Hexachlorobenzene | 16.32 | 284 | 385157 | 20.235 | ng/ul | 97 |
| 68) Atrazine | 16.50 | 200 | 341139 | 20.538 | ng/ul | 96 |
| 69) Pentachlorophenol | 16.67 | 266 | 236124 | 19.864 | ng/ul | 99 |
| 70) Phenanthrene | 17.06 | 178 | 1734274 | 20.101 | ng/ul | 100 |
| 72) Anthracene | 17.15 | 178 | 1769228 | 20.190 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.05 | 216 | 392096 | 18.509 | ng/uL | 98 |
| 74) Pentachlorobenzene | 14.59 | 250 | 410006 | 18.813 | ng/uL | 96 |
| 75) Carbazole | 17.43 | 167 | 1622138 | 21.171 | ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.00 | 149 | 1971385 | 22.019 | ng/ul | 100 |
| 77) Fluoranthene | 19.09 | 202 | 2206906 | 22.315 | ng/ul | 100 |
| 80) Pyrene | 19.45 | 202 | 2265796 | 19.962 | ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.36 | 149 | 979223 | 21.612 | ng/ul | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.14 | 252 | 816722 | 21.364 | ng/ul | 97 |
| 83) Benzo(a)anthracene | 21.20 | 228 | 2426443 | 20.286 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 1503400 | 22.705 | ng/ul | 98 |
| 85) Chrysene | 21.26 | 228 | 2334148 | 20.522 | ng/ul | 99 |
| 87) Di-n-octyl phthalate | 22.02 | 149 | 2601628 | 24.491 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.76 | 252 | 2532183 | 21.212 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.80 | 252 | 2436125 | 20.891 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.32 | 252 | 2421491 | 20.763 | ng/ul | 100 |
| 92) Indeno(1,2,3-cd)pyrene | 25.60 | 276 | 2647635 | 18.659 | ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 25.61 | 278 | 2217559 | 18.715 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.27 | 276 | 2174813 | 18.041 | ng/ul | 99 |

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|---|---|---|---|---|---|---|

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

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