Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032719\
Data File : BM019506.D
Acq On : 27 Mar 2019 15:51
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02076

Quant Time: Mar 28 05:10:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 28 05:07:19 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 97339 | 20.00 | ng/ul | -0.01 |
| 18) Naphthalene-d8 | 10.37 | 136 | 442178 | 20.00 | ng/ul | -0.01 |
| 36) Acenaphthene-d10 | 14.25 | 164 | 266260 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.01 | 188 | 598377 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.22 | 240 | 722877 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.43 | 264 | 872363 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.13 | 96 | 17393 | 7.00 | ng/uL | -0.02 |
| 5) Phenol-d5 | 6.77 | 99 | 165962 | 19.15 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.94 | 67 | 107544 | 18.53 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4 | 7.12 | 132 | 130636 | 19.89 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.30 | 113 | 130302 | 20.03 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.76 | 128 | 61738 | 19.57 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 9.47 | 143 | 71592 | 20.39 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.00 | 165 | 135777 | 20.50 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.53 | 131 | 161965 | 20.36 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6 | 13.67 | 166 | 417184 | 19.42 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.94 | 160 | 519475 | 19.34 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4 | 14.49 | 143 | 62670 | 18.61 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.25 | 176 | 354878 | 19.17 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 72920 | 18.43 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.11 | 188 | 552235 | 19.23 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.42 | 212 | 600772 | 17.99 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.29 | 264 | 869188 | 18.79 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.16 | 88 | 17604 | 6.223 | ng/uL | 95 |
| 4) Benzaldehyde | 6.76 | 77 | 122203 | 19.681 | ng/ul | 96 |
| 6) Phenol | 6.80 | 94 | 174070 | 19.244 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.03 | 93 | 129205 | 18.672 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.16 | 128 | 132548 | 19.847 | ng/ul | 96 |
| 11) 2-Methylphenol | 8.04 | 108 | 128247 | 20.330 | ng/ul | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.11 | 45 | 124062 | 18.914 | ng/ul# | 80 |
| 14) Acetophenone | 8.42 | 105 | 204221 | 19.273 | ng/ul# | 93 |
| 15) N-Nitroso-di-n-propylamine | 8.40 | 70 | 122463 | 20.623 | ng/ul# | 87 |
| 16) 4-Methylphenol | 8.37 | 108 | 142899 | 20.654 | ng/ul | 97 |
| 17) Hexachloroethane | 8.64 | 117 | 52809 | 18.815 | ng/ul | 85 |
| 20) Nitrobenzene | 8.80 | 77 | 163971 | 17.463 | ng/ul | 96 |
| 21) Isophorone | 9.32 | 82 | 325511 | 20.208 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.50 | 139 | 77844 | 20.102 | ng/ul# | 89 |
| 24) 2,4-Dimethylphenol | 9.56 | 107 | 159048 | 18.901 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 9.80 | 93 | 183778 | 18.907 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.03 | 162 | 132031 | 20.171 | ng/ul | 94 |
| 28) Naphthalene | 10.42 | 128 | 426620 | 18.624 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.56 | 127 | 171153 | 20.437 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.67 | 225 | 75982 | 18.400 | ng/ul | 96 |
| 32) Caprolactam | 11.37 | 113 | 43850 | 22.562 | ng/ul# | 79 |
| 33) 4-Chloro-3-methylphenol | 11.68 | 107 | 146560 | 20.772 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.05 | 142 | 309998 | 19.314 | ng/ul | 98 |

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|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.26 | 142 | 293179 | 19.345 ng/ul | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.42 | 216 | 155743 | 18.382 ng/ul# | 95 |
| 38) Hexachlorocyclopentadiene | 12.37 | 237 | 53158 | 12.232 ng/ul# | 97 |
| 39) 2,4,6-Trichlorophenol | 12.67 | 196 | 105597 | 19.976 ng/ul | 96 |
| 40) 2,4,5-Trichlorophenol | 12.75 | 196 | 112702 | 19.880 ng/ul | 99 |
| 41) 1,1'-Biphenyl | 13.07 | 154 | 405349 | 17.874 ng/ul# | 96 |
| 42) 2-Chloronaphthalene | 13.12 | 162 | 315709 | 18.179 ng/ul | 98 |
| 43) 2-Nitroaniline | 13.35 | 65 | 93812 | 19.670 ng/ul | 99 |
| 45) Dimethylphthalate | 13.72 | 163 | 413012 | 19.160 ng/ul# | 98 |
| 46) 2,6-Dinitrotoluene | 13.85 | 165 | 82385 | 20.819 ng/ul | 97 |
| 48) Acenaphthylene | 13.97 | 152 | 499839 | 18.773 ng/ul | 99 |
| 49) 3-Nitroaniline | 14.19 | 138 | 80805 | 20.868 ng/ul# | 96 |
| 50) Acenaphthene | 14.32 | 153 | 342989 | 18.291 ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.41 | 184 | 40014 | 17.464 ng/ul# | 88 |
| 53) 4-Nitrophenol | 14.50 | 109 | 43742 | 16.596 ng/ul# | 70 |
| 54) Dibenzofuran | 14.65 | 168 | 489894 | 18.707 ng/ul | 96 |
| 55) 2,4-Dinitrotoluene | 14.65 | 165 | 125399 | 21.400 ng/ul# | 68 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.89 | 232 | 97604 | 20.439 ng/ul# | 87 |
| 57) Diethylphthalate | 15.09 | 149 | 415471 | 19.595 ng/ul | 98 |
| 59) Fluorene | 15.30 | 166 | 395590 | 19.063 ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.30 | 204 | 194256 | 18.765 ng/ul | 94 |
| 61) 4-Nitroaniline | 15.36 | 138 | 85860 | 20.313 ng/ul | 85 |
| 64) 4,6-Dinitro-2-methylphenol | 15.42 | 198 | 76993 | 18.378 ng/ul | 95 |
| 65) N-Nitrosodiphenylamine | 15.52 | 169 | 351628 | 18.888 ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.20 | 248 | 124061 | 19.092 ng/ul | 97 |
| 67) Hexachlorobenzene | 16.30 | 284 | 148507 | 18.873 ng/ul | 93 |
| 68) Atrazine | 16.49 | 200 | 125221 | 19.221 ng/ul | 97 |
| 69) Pentachlorophenol | 16.66 | 266 | 76372 | 18.569 ng/ul | 99 |
| 70) Phenanthrene | 17.05 | 178 | 632311 | 18.637 ng/ul | 99 |
| 72) Anthracene | 17.14 | 178 | 654208 | 18.901 ng/ul | 98 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.03 | 216 | 151665 | 17.482 ng/uL | 98 |
| 74) Pentachlorobenzene | 14.56 | 250 | 162757 | 17.936 ng/uL | 96 |
| 75) Carbazole | 17.43 | 167 | 586746 | 18.902 ng/ul | 98 |
| 76) Di-n-butylphthalate | 17.98 | 149 | 721446 | 20.967 ng/ul | 99 |
| 77) Fluoranthene | 19.08 | 202 | 752253 | 19.350 ng/ul# | 87 |
| 80) Pyrene | 19.44 | 202 | 782894 | 18.002 ng/ul# | 86 |
| 81) Butylbenzylphthalate | 20.35 | 149 | 369306 | 21.447 ng/ul | 93 |
| 82) 3,3'-Dichlorobenzidine | 21.14 | 252 | 331637 | 21.118 ng/ul# | 98 |
| 83) Benzo(a)anthracene | 21.20 | 228 | 828443 | 19.041 ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 558142 | 22.363 ng/ul | 96 |
| 85) Chrysene | 21.25 | 228 | 792258 | 18.977 ng/ul | 99 |
| 87) Di-n-octyl phthalate | 21.99 | 149 | 1006488 | 18.497 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.76 | 252 | 956936 | 18.009 ng/ul# | 97 |
| 89) Benzo(k)fluoranthene | 22.81 | 252 | 902595 | 17.688 ng/ul# | 97 |
| 91) Benzo(a)pyrene | 23.33 | 252 | 940391 | 18.512 ng/ul# | 96 |
| 92) Indeno(1,2,3-cd)pyrene | 25.66 | 276 | 1272435 | 20.003 ng/ul# | 89 |
| 93) Dibenzo(a,h)anthracene | 25.67 | 278 | 1076122 | 19.843 ng/ul# | 97 |
| 94) Benzo(g,h,i)perylene | 26.34 | 276 | 1070885 | 20.145 ng/ul# | 94 |

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

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