Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092719\
Data File : BM022786.D
Acq On : 27 Sep 2019 14:30
Operator : JU
Sample : SSTD01053
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD01053

Quant Time: Sep 27 15:44:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 15:30:29 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.81 | 152 | 207686 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.60 | 136 | 913989 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.45 | 164 | 596906 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.19 | 188 | 1261542 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.37 | 240 | 1351551 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.64 | 264 | 1516101 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.28 | 96 | 19429 | 3.90 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.97 | 99 | 166722 | 8.70 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.14 | 67 | 98319 | 8.95 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.35 | 132 | 136936 | 9.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.52 | 113 | 136983 | 8.79 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.96 | 128 | 65194 | 9.89 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.69 | 143 | 69101 | 11.37 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.22 | 165 | 142334 | 9.22 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.73 | 131 | 197582 | 9.69 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.86 | 166 | 447292 | 9.25 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.14 | 160 | 508476 | 8.78 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.63 | 143 | 81991 | 9.92 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.44 | 176 | 381860 | 9.43 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.55 | 200 | 63460 | 11.07 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.29 | 188 | 596494 | 9.23 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.57 | 212 | 681966 | 9.09 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.49 | 264 | 742652 | 9.11 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 18802 | 3.749 | ng/uL | 93 |
| 4) Benzaldehyde | 6.95 | 77 | 78311 | 7.828 | ng/ul | 98 |
| 6) Phenol | 7.00 | 94 | 178830 | 8.933 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.23 | 93 | 138590 | 9.115 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.37 | 128 | 148082 | 9.310 | ng/ul | 100 |
| 11) 2-Methylphenol | 8.25 | 108 | 134327 | 8.598 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.35 | 45 | 189449 | 8.472 | ng/ul | 99 |
| 14) Acetophenone | 8.63 | 105 | 221088 | 9.097 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.62 | 70 | 112856 | 8.597 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.57 | 108 | 152152 | 9.020 | ng/ul | 97 |
| 17) Hexachloroethane | 8.89 | 117 | 57445 | 9.117 | ng/ul | 97 |
| 20) Nitrobenzene | 9.00 | 77 | 159986 | 9.697 | ng/ul | 98 |
| 21) Isophorone | 9.54 | 82 | 307062 | 8.306 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.72 | 139 | 80490 | 11.153 | ng/ul | 100 |
| 24) 2,4-Dimethylphenol | 9.78 | 107 | 164854 | 9.111 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 10.02 | 93 | 198305 | 9.149 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.25 | 162 | 146997 | 9.644 | ng/ul | 99 |
| 28) Naphthalene | 10.65 | 128 | 481233 | 9.497 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.76 | 127 | 210394 | 10.043 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.95 | 225 | 90068 | 9.592 | ng/ul | 98 |
| 32) Caprolactam | 11.55 | 113 | 43544 | 7.675 | ng/ul | 96 |
| 33) 4-Chloro-3-methylphenol | 11.88 | 107 | 150866 | 8.970 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.27 | 142 | 356440 | 9.336 | ng/ul | 98 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.49 | 142 | 342926 | 9.401 | ng/ul | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.64 | 216 | 183193 | 9.512 | ng/ul | 99 |
| 38) Hexachlorocyclopentadiene | 12.62 | 237 | 103706 | 8.735 | ng/ul | 98 |
| 39) 2,4,6-Trichlorophenol | 12.87 | 196 | 119870 | 9.943 | ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 12.95 | 196 | 132147 | 10.108 | ng/ul | 100 |
| 41) 1,1'-Biphenyl | 13.28 | 154 | 473777 | 9.532 | ng/ul | 99 |
| 42) 2-Chloronaphthalene | 13.32 | 162 | 359642 | 9.557 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.52 | 65 | 88539 | 10.077 | ng/ul | 97 |
| 45) Dimethylphthalate | 13.90 | 163 | 462742 | 9.425 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 14.02 | 165 | 83797 | 10.483 | ng/ul | 95 |
| 48) Acenaphthylene | 14.17 | 152 | 556889 | 9.270 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.35 | 138 | 77762 | 8.971 | ng/ul | 98 |
| 50) Acenaphthene | 14.51 | 153 | 389876 | 9.366 | ng/ul | 100 |
| 51) 2,4-Dinitrophenol | 14.55 | 184 | 43009 | 11.729 | ng/ul | 99 |
| 53) 4-Nitrophenol | 14.65 | 109 | 63227 | 9.524 | ng/ul | 100 |
| 54) Dibenzofuran | 14.84 | 168 | 561672 | 9.722 | ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.80 | 165 | 129465 | 11.057 | ng/ul | 97 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.07 | 232 | 114748 | 10.566 | ng/ul | 99 |
| 57) Diethylphthalate | 15.27 | 149 | 462988 | 9.115 | ng/ul | 100 |
| 59) Fluorene | 15.49 | 166 | 460099 | 9.680 | ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.49 | 204 | 230267 | 9.790 | ng/ul | 98 |
| 61) 4-Nitroaniline | 15.50 | 138 | 85034 | 8.609 | ng/ul | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 15.57 | 198 | 74602 | 11.244 | ng/ul# | 98 |
| 65) N-Nitrosodiphenylamine | 15.70 | 169 | 402962 | 9.360 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.38 | 248 | 142198 | 9.021 | ng/ul | 99 |
| 67) Hexachlorobenzene | 16.50 | 284 | 161381 | 9.291 | ng/ul | 97 |
| 68) Atrazine | 16.65 | 200 | 141148 | 8.529 | ng/ul | 99 |
| 69) Pentachlorophenol | 16.84 | 266 | 93015 | 9.705 | ng/ul | 100 |
| 70) Phenanthrene | 17.23 | 178 | 737492 | 9.548 | ng/ul | 100 |
| 72) Anthracene | 17.32 | 178 | 751799 | 9.475 | ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.25 | 216 | 183137 | 9.325 | ng/uL | 99 |
| 74) Pentachlorobenzene | 14.77 | 250 | 184986 | 9.344 | ng/uL | 98 |
| 75) Carbazole | 17.58 | 167 | 683119 | 9.579 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 18.16 | 149 | 769164 | 8.516 | ng/ul | 100 |
| 77) Fluoranthene | 19.24 | 202 | 869206 | 9.916 | ng/ul | 99 |
| 80) Pyrene | 19.60 | 202 | 914956 | 9.354 | ng/ul | 98 |
| 81) Butylbenzylphthalate | 20.51 | 149 | 357378 | 8.666 | ng/ul | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.29 | 252 | 299661 | 8.719 | ng/ul | 100 |
| 83) Benzo(a)anthracene | 21.35 | 228 | 950239 | 9.478 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 534359 | 8.539 | ng/ul | 98 |
| 85) Chrysene | 21.40 | 228 | 880692 | 9.546 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.17 | 149 | 914433 | 8.425 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.95 | 252 | 944125 | 9.466 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 23.00 | 252 | 931108 | 9.606 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.54 | 252 | 908150 | 9.543 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.94 | 276 | 1034371 | 9.408 | ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 25.95 | 278 | 861355 | 9.415 | ng/ul | 100 |
| 94) Benzo(g,h,i)perylene | 26.64 | 276 | 846791 | 9.376 | ng/ul | 99 |

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

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