Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019893.D
Acq On : 11 Apr 2019 14:39
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02001

**Manual Integrations APPROVED**
Sohil
4/12/2019 5:20:46 PM

Quant Time: Apr 12 05:06:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 12 04:12:05 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.54 | 152 | 161173 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.32 | 136 | 637187 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.20 | 164 | 333519 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.97 | 188 | 695919 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.19 | 240 | 740338 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.39 | 264 | 844276 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.10 | 96 | 31252 | 7.59 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.74 | 99 | 255545 | 17.80 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.89 | 67 | 174112 | 18.12 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.07 | 132 | 207625 | 19.09 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.26 | 113 | 192894 | 17.90 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.72 | 128 | 93391 | 20.55 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.42 | 143 | 108834 | 21.51 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.96 | 165 | 188775 | 19.78 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.49 | 131 | 233785 | 20.39 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.63 | 166 | 510658 | 18.98 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.90 | 160 | 652845 | 19.40 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.48 | 143 | 95388m | 22.61 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.21 | 176 | 427920 | 18.46 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 74682 | 16.23 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.07 | 188 | 636944 | 19.07 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.38 | 212 | 662045 | 19.36 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.24 | 264 | 833466 | 18.62 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.13 | 88 | 34497 | 7.365 | ng/uL# | 89 |
| 4) Benzaldehyde | 6.71 | 77 | 206258 | 20.062 | ng/ul | 95 |
| 6) Phenol | 6.76 | 94 | 267428 | 17.856 | ng/ul | 96 |
| 8) Bis(2-Chloroethyl)ether | 6.99 | 93 | 203855 | 17.792 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.11 | 128 | 210022 | 18.993 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.00 | 108 | 190226 | 18.212 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.06 | 45 | 176020m | 16.207 | ng/ul | |
| 14) Acetophenone | 8.37 | 105 | 309141 | 17.620 | ng/ul | 91 |
| 15) N-Nitroso-di-n-propylamine | 8.35 | 70 | 179633 | 18.270 | ng/ul# | 85 |
| 16) 4-Methylphenol | 8.33 | 108 | 203724 | 17.783 | ng/ul | 98 |
| 17) Hexachloroethane | 8.59 | 117 | 91807 | 19.754 | ng/ul | 81 |
| 20) Nitrobenzene | 8.76 | 77 | 258038 | 19.071 | ng/ul | 100 |
| 21) Isophorone | 9.27 | 82 | 450049 | 19.389 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.46 | 139 | 114657 | 20.546 | ng/ul | 99 |
| 24) 2,4-Dimethylphenol | 9.52 | 107 | 227307 | 18.745 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.75 | 93 | 261120 | 18.643 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 9.99 | 162 | 186698 | 19.793 | ng/ul | 96 |
| 28) Naphthalene | 10.37 | 128 | 613880 | 18.597 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.51 | 127 | 235646 | 19.526 | ng/ul | 96 |
| 31) Hexachlorobutadiene | 10.62 | 225 | 116944 | 19.653 | ng/ul | 97 |
| 32) Caprolactam | 11.34 | 113 | 56797m | 20.280 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.65 | 107 | 195422 | 19.221 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 11.99 | 142 | 420488 | 18.180 | ng/ul | 98 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.22 | 142 | 395543 | 18.112 | ng/ul | 96 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.37 | 216 | 202454 | 19.076 | ng/ul# | 95 |
| 38) Hexachlorocyclopentadiene | 12.32 | 237 | 122799 | 22.558 | ng/ul# | 97 |
| 39) 2,4,6-Trichlorophenol | 12.63 | 196 | 134350 | 20.290 | ng/ul | 96 |
| 40) 2,4,5-Trichlorophenol | 12.72 | 196 | 137491 | 19.362 | ng/ul | 96 |
| 41) 1,1'-Biphenyl | 13.03 | 154 | 532196 | 18.735 | ng/ul# | 96 |
| 42) 2-Chloronaphthalene | 13.07 | 162 | 412309 | 18.953 | ng/ul | 97 |
| 43) 2-Nitroaniline | 13.32 | 65 | 129107 | 21.611 | ng/ul | 91 |
| 45) Dimethylphthalate | 13.67 | 163 | 500486 | 18.536 | ng/ul# | 98 |
| 46) 2,6-Dinitrotoluene | 13.82 | 165 | 103363 | 20.853 | ng/ul | 93 |
| 48) Acenaphthylene | 13.93 | 152 | 638494 | 19.144 | ng/ul | 99 |
| 49) 3-Nitroaniline | 14.16 | 138 | 98254 | 20.257 | ng/ul | 90 |
| 50) Acenaphthene | 14.27 | 153 | 432105 | 18.396 | ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.40 | 184 | 48427 | 16.873 | ng/ul# | 76 |
| 53) 4-Nitrophenol | 14.49 | 109 | 82689 | 25.046 | ng/ul | 86 |
| 54) Dibenzofuran | 14.61 | 168 | 603880 | 18.410 | ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.62 | 165 | 149469 | 20.363 | ng/ul# | 71 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.85 | 232 | 108550 | 18.147 | ng/ul# | 77 |
| 57) Diethylphthalate | 15.05 | 149 | 508776 | 19.157 | ng/ul | 96 |
| 59) Fluorene | 15.26 | 166 | 482458 | 18.560 | ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.26 | 204 | 236393 | 18.230 | ng/ul | 91 |
| 61) 4-Nitroaniline | 15.33 | 138 | 103778 | 19.600 | ng/ul | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 15.39 | 198 | 78341 | 16.079 | ng/ul# | 85 |
| 65) N-Nitrosodiphenylamine | 15.49 | 169 | 411352 | 18.999 | ng/ul | 98 |
| 66) 4-Bromophenyl-phenylether | 16.16 | 248 | 145234 | 19.217 | ng/ul | 92 |
| 67) Hexachlorobenzene | 16.26 | 284 | 170571 | 18.639 | ng/ul# | 89 |
| 68) Atrazine | 16.45 | 200 | 146533 | 19.340 | ng/ul | 96 |
| 69) Pentachlorophenol | 16.63 | 266 | 73260 | 15.316 | ng/ul | 98 |
| 70) Phenanthrene | 17.01 | 178 | 721641 | 18.289 | ng/ul | 100 |
| 72) Anthracene | 17.10 | 178 | 753108 | 18.709 | ng/ul | 97 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.99 | 216 | 196700 | 19.495 | ng/uL | 96 |
| 74) Pentachlorobenzene | 14.52 | 250 | 198156 | 18.776 | ng/uL | 98 |
| 75) Carbazole | 17.39 | 167 | 666695 | 18.467 | ng/ul | 98 |
| 76) Di-n-butylphthalate | 17.94 | 149 | 842633 | 21.057 | ng/ul | 99 |
| 77) Fluoranthene | 19.04 | 202 | 825070 | 18.248 | ng/ul# | 90 |
| 80) Pyrene | 19.41 | 202 | 844178 | 18.953 | ng/ul# | 85 |
| 81) Butylbenzylphthalate | 20.32 | 149 | 398949 | 22.622 | ng/ul# | 86 |
| 82) 3,3'-Dichlorobenzidine | 21.12 | 252 | 333500 | 20.736 | ng/ul# | 98 |
| 83) Benzo(a)anthracene | 21.17 | 228 | 853308 | 19.149 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 575436 | 22.512 | ng/ul# | 94 |
| 85) Chrysene | 21.22 | 228 | 792668 | 18.539 | ng/ul | 99 |
| 87) Di-n-octyl phthalate | 21.95 | 149 | 1003235 | 19.051 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.73 | 252 | 944261 | 18.361 | ng/ul# | 97 |
| 89) Benzo(k)fluoranthene | 22.77 | 252 | 873669 | 17.690 | ng/ul# | 96 |
| 91) Benzo(a)pyrene | 23.29 | 252 | 916190 | 18.636 | ng/ul# | 96 |
| 92) Indeno(1,2,3-cd)pyrene | 25.60 | 276 | 1195775 | 19.423 | ng/ul# | 87 |
| 93) Dibenzo(a,h)anthracene | 25.61 | 278 | 1013520 | 19.311 | ng/ul# | 96 |
| 94) Benzo(g,h,i)perylene | 26.29 | 276 | 993274 | 19.307 | ng/ul# | 94 |

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

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

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