Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049893.D
Acq On : 19 Aug 2021 12:04
Operator : CG/JU
Sample : SSTD08026
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD080426

Quant Time: Aug 19 12:47:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 19 11:48:04 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.980 | 152 | 29682 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.800 | 136 | 121726 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.636 | 164 | 82768 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.391 | 188 | 183915 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.668 | 240 | 164967 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 24.893 | 264 | 162236 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.345 | 96 | 19949 | 35.267 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.768 | 84 | 150409 | 88.685 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.152 | 99 | 210283 | 81.612 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.181 | 67 | 9696 | 6.716 | ng/ul | -0.12 |
| 11) 2-Chlorophenol-d4 | 7.516 | 132 | 155269 | 81.322 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.709 | 113 | 164818 | 81.426 | ng/ul | 0.01 |
| 21) Nitrobenzene-d5 | 9.155 | 128 | 79556 | 84.599 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.878 | 143 | 96090 | 84.911 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.430 | 165 | 172322 | 86.259 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.941 | 131 | 219774 | 80.713 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.043 | 166 | 518162 | 82.179 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.336 | 160 | 610073 | 82.270 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.865 | 143 | 79369 | 94.624 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.635 | 176 | 443185 | 82.140 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.770 | 200 | 100777 | 83.063 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.491 | 188 | 657438 | 80.014 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.782 | 212 | 731518 | 80.872 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.681 | 264 | 702060 | 83.022 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.381 | 88 | 21346 | 34.765 | ng/uL# | 93 |
| 5) Pyridine | 3.786 | 79 | 154207 | 85.821 | ng/ul | 98 |
| 6) Benzaldehyde | 7.117 | 77 | 118538 | 82.738 | ng/ul | 97 |
| 8) Phenol | 7.181 | 94 | 207191 | 81.981 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.399 | 93 | 142223 | 79.814 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.546 | 128 | 156350 | 83.888 | ng/ul# | 87 |
| 13) 2-Methylphenol | 8.433 | 108 | 162165 | 81.424 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.515 | 45 | 152722 | 79.513 | ng/ul | 99 |
| 16) Acetophenone | 8.814 | 105 | 259091 | 79.642 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.803 | 70 | 132108 | 77.853 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.773 | 108 | 169394 | 79.596 | ng/ul | 83 |
| 19) Hexachloroethane | 9.067 | 117 | 67168 | 77.899 | ng/ul | 95 |
| 22) Nitrobenzene | 9.196 | 77 | 215277 | 83.590 | ng/ul | 99 |
| 23) Isophorone | 9.731 | 82 | 371934 | 80.776 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.913 | 139 | 93997 | 85.912 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.972 | 107 | 204702 | 81.336 | ng/ul | 92 |
| 27) Bis(2-Chloroethoxy)met... | 10.201 | 93 | 194212 | 81.099 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.453 | 162 | 162512 | 87.049 | ng/ul | 98 |
| 30) Naphthalene | 10.853 | 128 | 495446 | 80.641 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.965 | 127 | 213446 | 80.616 | ng/ul | 92 |
| 33) Hexachlorobutadiene | 11.135 | 225 | 121596 | 77.899 | ng/ul | 94 |
| 34) Caprolactam | 11.758 | 113 | 29288 | 45.888 | ng/ul | 93 |
| 35) 4-Chloro-3-methylphenol | 12.104 | 107 | 188763 | 84.284 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.462 | 142 | 376659 | 81.145 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.680 | 142 | 372010 | 80.555 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.833 | 216 | 211134 | 81.879 | ng/ul# | 96 |
| 40) Hexachlorocyclopentadiene | 12.803 | 237 | 97626 | 109.465 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 13.073 | 196 | 136016 | 85.589 | ng/ul | 90 |
| 42) 2,4,5-Trichlorophenol | 13.156 | 196 | 142349 | 90.156 | ng/ul | 92 |
| 43) 1,1'-Biphenyl | 13.473 | 154 | 474764 | 80.621 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.514 | 162 | 380683 | 82.203 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.725 | 65 | 132913 | 82.817 | ng/ul | 90 |
| 47) Dimethylphthalate | 14.090 | 163 | 490659 | 79.974 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 14.219 | 165 | 107369 | 84.592 | ng/ul | 92 |
| 50) Acenaphthylene | 14.366 | 152 | 548039 | 80.293 | ng/ul | 96 |
| 51) 3-Nitroaniline | 14.554 | 138 | 98229 | 83.751 | ng/ul | 92 |
| 52) Acenaphthene | 14.707 | 153 | 402262 | 81.546 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.765 | 184 | 62453 | 92.364 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.883 | 109 | 99352 | 91.774 | ng/ul | 91 |
| 56) Dibenzofuran | 15.041 | 168 | 546412 | 81.454 | ng/ul | 96 |
| 57) 2,4-Dinitrotoluene | 15.012 | 165 | 154794 | 83.574 | ng/ul# | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.270 | 232 | 123562 | 94.536 | ng/ul# | 96 |
| 59) Diethylphthalate | 15.453 | 149 | 509702 | 80.951 | ng/ul | 95 |
| 61) Fluorene | 15.693 | 166 | 459495 | 80.794 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.676 | 204 | 246632 | 81.960 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.723 | 138 | 95640 | 82.915 | ng/ul | 90 |
| 66) 4,6-Dinitro-2-methylph... | 15.782 | 198 | 88195 | 80.089 | ng/ul | 90 |
| 67) N-Nitrosodiphenylamine | 15.893 | 169 | 393033 | 79.288 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.575 | 248 | 173818 | 84.087 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.698 | 284 | 197289 | 84.773 | ng/ul | 96 |
| 70) Atrazine | 16.845 | 200 | 164456 | 77.023 | ng/ul | 98 |
| 71) Pentachlorophenol | 17.050 | 266 | 82605 | 100.893 | ng/ul | 98 |
| 72) Phenanthrene | 17.438 | 178 | 733259 | 80.080 | ng/ul | 98 |
| 74) Anthracene | 17.532 | 178 | 722622 | 78.248 | ng/ul# | 93 |
| 75) 1,2,3,4-Tetrachloroben... | 13.438 | 216 | 215231 | 82.556 | ng/uL | 92 |
| 76) Pentachlorobenzene | 14.965 | 250 | 220777 | 80.904 | ng/uL | 94 |
| 77) Carbazole | 17.796 | 167 | 651281 | 79.443 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.343 | 149 | 818847 | 78.024 | ng/ul | 98 |
| 80) Fluoranthene | 19.447 | 202 | 909887 | 81.455 | ng/ul | 98 |
| 82) Pyrene | 19.811 | 202 | 862273 | 78.468 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.687 | 149 | 354833 | 81.114 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.556 | 252 | 309425 | 77.818 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.644 | 228 | 826446 | 79.586 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.533 | 149 | 482682 | 79.512 | ng/ul | 100 |
| 87) Chrysene | 21.715 | 228 | 779714 | 79.830 | ng/ul | 95 |
| 89) Di-n-octyl phthalate | 22.743 | 149 | 780269 | 81.533 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.871 | 252 | 870443 | 86.053 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.941 | 252 | 791388 | 79.200 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.752 | 252 | 738610 | 83.292 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 28.605 | 276 | 965518 | 83.088 | ng/ul# | 97 |
| 95) Dibenzo(a,h)anthracene | 28.670 | 278 | 796382 | 81.344 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 29.768 | 276 | 795877 | 81.994 | ng/ul | 95 |

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

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