Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049535.D
Acq On : 28 Jul 2021 16:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD020465

**Manual Integrations APPROVED**
mohammad
7/29/2021 1:42:05 PM

Quant Time: Jul 28 16:59:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.048 | 152 | 23759 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.868 | 136 | 99532 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.698 | 164 | 68250 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.447 | 188 | 147840m | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.730 | 240 | 134000 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.008 | 264 | 133883 | 20.000 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.431 | 96 | 3774 | 7.267 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.854 | 84 | 27424 | 18.385 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.202 | 99 | 39540 | 18.810 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.367 | 67 | 22489 | 18.890 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.578 | 132 | 30862 | 20.482 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.759 | 113 | 31374 | 19.801 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.217 | 128 | 15649 | 20.450 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.946 | 143 | 17418 | 19.424 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.486 | 165 | 34220 | 20.982 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.003 | 131 | 43167 | 18.992 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.099 | 166 | 104759 | 20.038 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.393 | 160 | 119661 | 19.706 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.898 | 143 | 16795 | 19.507 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.691 | 176 | 90533 | 20.101 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.808 | 200 | 15121 | 16.505 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.547 | 188 | 136459 | 19.860 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.832 | 212 | 150596 | 21.979 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.779 | 264 | 152060 | 21.609 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.472 | 88 | 4408 | 6.210 | ng/uL# | 91 |
| 5) Pyridine | 3.877 | 79 | 31490 | 19.736 | ng/ul | 95 |
| 6) Benzaldehyde | 7.179 | 77 | 29915 | 23.849 | ng/ul | 97 |
| 8) Phenol | 7.232 | 94 | 43898 | 21.378 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.461 | 93 | 29052 | 20.536 | ng/ul | 95 |
| 12) 2-Chlorophenol | 7.608 | 128 | 32532 | 22.426 | ng/ul | 92 |
| 13) 2-Methylphenol | 8.489 | 108 | 32297 | 20.636 | ng/ul | 92 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.577 | 45 | 33518 | 20.218 | ng/ul# | 94 |
| 16) Acetophenone | 8.877 | 105 | 55401 | 21.725 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.853 | 70 | 29162 | 22.176 | ng/ul# | 92 |
| 18) 4-Methylphenol | 8.824 | 108 | 34045 | 20.678 | ng/ul | 98 |
| 19) Hexachloroethane | 9.135 | 117 | 14554 | 22.270 | ng/ul# | 80 |
| 22) Nitrobenzene | 9.258 | 77 | 47907 | 20.967 | ng/ul# | 97 |
| 23) Isophorone | 9.781 | 82 | 79274 | 20.706 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.975 | 139 | 18442 | 21.853 | ng/ul# | 87 |
| 26) 2,4-Dimethylphenol | 10.028 | 107 | 45510 | 22.628 | ng/ul | 92 |
| 27) Bis(2-Chloroethoxy)met... | 10.263 | 93 | 38368 | 20.093 | ng/ul | 94 |
| 29) 2,4-Dichlorophenol | 10.516 | 162 | 34092 | 21.384 | ng/ul# | 92 |
| 30) Naphthalene | 10.921 | 128 | 108483 | 21.160 | ng/ul | 97 |
| 32) 4-Chloroaniline | 11.027 | 127 | 42680 | 19.740 | ng/ul# | 84 |
| 33) Hexachlorobutadiene | 11.203 | 225 | 26366 | 21.631 | ng/ul | 95 |
| 34) Caprolactam | 11.784 | 113 | 9923m | 18.300 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.149 | 107 | 38872 | 21.670 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.525 | 142 | 80482 | 21.448 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.742 | 142 | 77101 | 20.334 | ng/ul# | 87 |
| 39) 1,2,4,5-Tetrachloroben... | 12.895 | 216 | 44199 | 21.789 | ng/ul | 95 |
| 40) Hexachlorocyclopentadiene | 12.871 | 237 | 20879 | 17.082 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 13.130 | 196 | 27601 | 22.142 | ng/ul# | 85 |
| 42) 2,4,5-Trichlorophenol | 13.206 | 196 | 30773 | 23.116 | ng/ul | 89 |
| 43) 1,1'-Biphenyl | 13.529 | 154 | 103313 | 21.257 | ng/ul# | 94 |
| 44) 2-Chloronaphthalene | 13.576 | 162 | 83108 | 21.975 | ng/ul | 93 |
| 45) 2-Nitroaniline | 13.776 | 65 | 28717 | 21.397 | ng/ul | 86 |
| 47) Dimethylphthalate | 14.140 | 163 | 102775 | 20.215 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.263 | 165 | 21303 | 20.995 | ng/ul# | 92 |
| 50) Acenaphthylene | 14.422 | 152 | 124961 | 21.549 | ng/ul | 94 |
| 51) 3-Nitroaniline | 14.598 | 138 | 22121 | 21.859 | ng/ul | 94 |
| 52) Acenaphthene | 14.763 | 153 | 88375 | 21.249 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.810 | 184 | 8456 | 16.727 | ng/ul# | 65 |
| 55) 4-Nitrophenol | 14.910 | 109 | 22123 | 18.950 | ng/ul | 98 |
| 56) Dibenzofuran | 15.098 | 168 | 123817 | 22.048 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.056 | 165 | 32975 | 22.927 | ng/ul# | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.327 | 232 | 26638 | 22.049 | ng/ul# | 94 |
| 59) Diethylphthalate | 15.503 | 149 | 107383 | 20.408 | ng/ul | 98 |
| 61) Fluorene | 15.744 | 166 | 102818 | 21.566 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.738 | 204 | 54735 | 22.055 | ng/ul | 93 |
| 63) 4-Nitroaniline | 15.761 | 138 | 23181 | 23.100 | ng/ul | 89 |
| 66) 4,6-Dinitro-2-methylph... | 15.826 | 198 | 14450 | 17.135 | ng/ul# | 87 |
| 67) N-Nitrosodiphenylamine | 15.949 | 169 | 86545 | 22.337 | ng/ul | 96 |
| 68) 4-Bromophenyl-phenylether | 16.631 | 248 | 36161 | 21.967 | ng/ul | 94 |
| 69) Hexachlorobenzene | 16.754 | 284 | 40867 | 21.942 | ng/ul# | 92 |
| 70) Atrazine | 16.895 | 200 | 38639 | 21.835 | ng/ul | 93 |
| 71) Pentachlorophenol | 17.101 | 266 | 16957 | 19.663 | ng/ul | 87 |
| 72) Phenanthrene | 17.494 | 178 | 161153m | 20.939 | ng/ul | |
| 74) Anthracene | 17.582 | 178 | 163936 | 21.019 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.500 | 216 | 45046 | 22.423 | ng/uL | 94 |
| 76) Pentachlorobenzene | 15.021 | 250 | 49968 | 23.509 | ng/uL | 93 |
| 77) Carbazole | 17.853 | 167 | 141925 | 20.354 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.405 | 149 | 174406 | 20.114 | ng/ul | 98 |
| 80) Fluoranthene | 19.503 | 202 | 191272 | 22.990 | ng/ul | 99 |
| 82) Pyrene | 19.862 | 202 | 187411 | 22.688 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.743 | 149 | 72590 | 22.572 | ng/ul | 89 |
| 84) 3,3'-Dichlorobenzidine | 21.624 | 252 | 57963 | 18.826 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.712 | 228 | 173844 | 21.219 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.606 | 149 | 104563 | 21.909 | ng/ul | 97 |
| 87) Chrysene | 21.777 | 228 | 164748 | 21.010 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.834 | 149 | 170181 | 21.624 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.968 | 252 | 177365 | 21.136 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 24.033 | 252 | 175091 | 21.320 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.849 | 252 | 154777 | 21.261 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.761 | 276 | 207629 | 22.353 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 28.820 | 278 | 172377 | 22.425 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 29.936 | 276 | 172577 | 22.347 | ng/ul# | 97 |

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

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