Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049897.D
Acq On : 19 Aug 2021 17:33
Operator : CG/JU
Sample : M2250-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MDL-WATER-QT3-2021-05

Quant Time: Aug 19 18:12:30 2021
Quant Title :
QLast Update : Fri Aug 20 10:07:50 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.978 | 152 | 24902 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.803 | 136 | 105151 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.639 | 164 | 79531 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.389 | 188 | 182376 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.659 | 240 | 189748 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.884 | 264 | 186420 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.343 | 96 | 2327 | 4.819 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.778 | 84 | 20400 | 14.025 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.144 | 99 | 46298 | 21.895 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.302 | 67 | 26686 | 22.716 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.514 | 132 | 36609 | 23.138 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.700 | 113 | 37072 | 22.261 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.147 | 128 | 18470 | 22.657 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.875 | 143 | 22260 | 22.932 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.428 | 165 | 38705 | 22.355 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.939 | 131 | 50594 | 21.469 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.034 | 166 | 137881 | 22.653 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.334 | 160 | 161461 | 22.624 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.857 | 143 | 16942 | 19.239 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.632 | 176 | 117622 | 22.792 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.761 | 200 | 23596 | 20.111 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.489 | 188 | 189832 | 23.180 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.774 | 212 | 225195 | 21.962 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.667 | 264 | 234959 | 23.757 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.366 | 88 | 1032m | 1.753 | ng/uL | |
| 5) Pyridine | 3.801 | 79 | 5679 | 3.612 | ng/ul# | 86 |
| 6) Benzaldehyde | 7.114 | 77 | 5907 | 4.854 | ng/ul | 82 |
| 8) Phenol | 7.167 | 94 | 8784 | 4.113 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.396 | 93 | 6596 | 4.474 | ng/ul | 92 |
| 12) 2-Chlorophenol | 7.543 | 128 | 6888 | 4.406 | ng/ul# | 80 |
| 13) 2-Methylphenol | 8.436 | 108 | 6430 | 3.902 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.507 | 45 | 7016 | 4.538 | ng/ul# | 95 |
| 16) Acetophenone | 8.806 | 105 | 12238 | 4.506 | ng/ul | 92 |
| 17) N-Nitroso-di-n-propyla... | 8.783 | 70 | 6476 | 4.749 | ng/ul# | 89 |
| 18) 4-Methylphenol | 8.765 | 108 | 7482 | 4.221 | ng/ul | 89 |
| 19) Hexachloroethane | 9.065 | 117 | 3381 | 4.941 | ng/ul | 94 |
| 22) Nitrobenzene | 9.200 | 77 | 10858 | 4.915 | ng/ul | 94 |
| 23) Isophorone | 9.717 | 82 | 18062 | 4.589 | ng/ul# | 96 |
| 25) 2-Nitrophenol | 9.911 | 139 | 4324 | 4.582 | ng/ul# | 86 |
| 26) 2,4-Dimethylphenol | 9.975 | 107 | 9939 | 4.739 | ng/ul | 95 |
| 27) Bis(2-Chloroethoxy)met... | 10.198 | 93 | 8743 | 4.302 | ng/ul# | 86 |
| 29) 2,4-Dichlorophenol | 10.457 | 162 | 7100 | 4.468 | ng/ul | 96 |
| 30) Naphthalene | 10.850 | 128 | 24538 | 4.669 | ng/ul# | 92 |
| 32) 4-Chloroaniline | 10.962 | 127 | 9825 | 4.329 | ng/ul# | 77 |
| 33) Hexachlorobutadiene | 11.132 | 225 | 5431 | 4.225 | ng/ul | 88 |
| 34) Caprolactam | 11.737 | 113 | 2463m | 4.425 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.096 | 107 | 7812 | 4.113 | ng/ul | 86 |
| 36) 2-Methylnaphthalene | 12.460 | 142 | 18047 | 4.619 | ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.677 | 142 | 16983 | 4.307 | ng/ul# | 81 |

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|---|---|---|---|---|---|---|
| 39) 1,2,4,5-Tetrachloroben... | 12.836 | 216 | 9931 | 4.251 | ng/ul# | 80 |
| 40) Hexachlorocyclopentadiene | 12.801 | 237 | 5535 | 5.294 | ng/ul# | 80 |
| 41) 2,4,6-Trichlorophenol | 13.077 | 196 | 5521 | 3.709 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 13.159 | 196 | 5486 | 3.516 | ng/ul | 93 |
| 43) 1,1'-Biphenyl | 13.470 | 154 | 23752 | 4.275 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.512 | 162 | 19335 | 4.332 | ng/ul | 93 |
| 45) 2-Nitroaniline | 13.717 | 65 | 6759 | 4.461 | ng/ul# | 74 |
| 47) Dimethylphthalate | 14.087 | 163 | 26155 | 4.342 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.211 | 165 | 5137 | 4.131 | ng/ul | 86 |
| 50) Acenaphthylene | 14.357 | 152 | 28471 | 4.365 | ng/ul# | 92 |
| 51) 3-Nitroaniline | 14.545 | 138 | 5097 | 4.247 | ng/ul | 95 |
| 52) Acenaphthene | 14.698 | 153 | 20726 | 4.380 | ng/ul | 87 |
| 53) 2,4-Dinitrophenol | 14.769 | 184 | 3139 | 4.942 | ng/ul | 91 |
| 55) 4-Nitrophenol | 14.869 | 109 | 4204 | 3.765 | ng/ul | 96 |
| 56) Dibenzofuran | 15.039 | 168 | 28189 | 4.302 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 15.004 | 165 | 7469 | 4.175 | ng/ul# | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.280 | 232 | 4844 | 3.747 | ng/ul# | 86 |
| 59) Diethylphthalate | 15.450 | 149 | 27243 | 4.421 | ng/ul# | 90 |
| 61) Fluorene | 15.685 | 166 | 25043 | 4.530 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.673 | 204 | 13076 | 4.471 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.709 | 138 | 5536 | 4.623 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.779 | 198 | 4273 | 4.018 | ng/ul# | 86 |
| 67) N-Nitrosodiphenylamine | 15.891 | 169 | 21144 | 4.404 | ng/ul | 93 |
| 68) 4-Bromophenyl-phenylether | 16.566 | 248 | 9246 | 4.583 | ng/ul | 92 |
| 69) Hexachlorobenzene | 16.695 | 284 | 10022 | 4.302 | ng/ul | 94 |
| 70) Atrazine | 16.836 | 200 | 9678 | 4.537 | ng/ul | 98 |
| 71) Pentachlorophenol | 17.054 | 266 | 3856 | 3.909 | ng/ul# | 86 |
| 72) Phenanthrene | 17.430 | 178 | 41555 | 4.571 | ng/ul | 94 |
| 74) Anthracene | 17.524 | 178 | 41335 | 4.486 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.435 | 216 | 10453 | 4.272 | ng/uL# | 81 |
| 76) Pentachlorobenzene | 14.963 | 250 | 10358 | 3.995 | ng/uL | 90 |
| 77) Carbazole | 17.794 | 167 | 37842 | 4.616 | ng/ul | 95 |
| 78) Di-n-butylphthalate | 18.340 | 149 | 48518 | 4.627 | ng/ul | 100 |
| 80) Fluoranthene | 19.445 | 202 | 54816 | 4.332 | ng/ul# | 98 |
| 82) Pyrene | 19.809 | 202 | 53818 | 4.292 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.678 | 149 | 21045 | 4.253 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.554 | 252 | 20601 | 4.580 | ng/ul# | 98 |
| 85) Benzo(a)anthracene | 21.642 | 228 | 53750 | 4.546 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.530 | 149 | 29800 | 4.386 | ng/ul | 93 |
| 87) Chrysene | 21.706 | 228 | 51066 | 4.569 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.740 | 149 | 50261 | 4.545 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.862 | 252 | 50639 | 4.247 | ng/ul# | 95 |
| 91) Benzo(k)fluoranthene | 23.921 | 252 | 50851m | 4.486 | ng/ul | |
| 93) Benzo(a)pyrene | 24.726 | 252 | 45089 | 4.354 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 28.568 | 276 | 59997m | 4.392 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.626 | 278 | 48528 | 4.243 | ng/ul | 95 |
| 96) Benzo(g,h,i)perylene | 29.725 | 276 | 47268m | 4.116 | ng/ul | |

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

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