Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057218.D
Acq On : 28 Apr 2023 14:43
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SICV434

Quant Time: Apr 28 23:36:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.379 | 152 | 14877 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.217 | 136 | 66400 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.988 | 164 | 52649 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.725 | 188 | 133576 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 22.037 | 240 | 122190 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 25.544 | 264 | 126883 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.650 | 96 | 2608 | 7.714 | ng/uL | -0.01 |
| 4) Pyridine-d5 | 4.097 | 84 | 22685 | 21.284 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.510 | 99 | 29921 | 21.267 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.680 | 67 | 18268 | 22.076 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.903 | 132 | 20193 | 21.779 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 9.072 | 113 | 23635 | 22.103 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.554 | 128 | 11469 | 21.689 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.283 | 143 | 13355 | 21.641 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.829 | 165 | 25864 | 21.724 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.340 | 131 | 35212 | 22.314 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.371 | 166 | 90102 | 21.598 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.688 | 160 | 100862 | 21.512 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.170 | 143 | 12536 | 20.644 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.975 | 176 | 84149 | 21.653 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 16.086 | 200 | 17681 | 22.341 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.825 | 188 | 134362 | 22.037 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.093 | 212 | 158674 | 21.878 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.303 | 264 | 138455 | 21.418 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.697 | 88 | 3303 | 9.213 | ng/uL# | 80 |
| 5) Pyridine | 4.114 | 79 | 23701 | 21.095 | ng/ul | 94 |
| 6) Benzaldehyde | 7.504 | 77 | 8627 | 20.076 | ng/ul# | 76 |
| 8) Phenol | 7.539 | 94 | 30616 | 21.590 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.774 | 93 | 22950 | 21.624 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.933 | 128 | 21418 | 21.993 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.808 | 108 | 23850 | 21.702 | ng/ul | 85 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.896 | 45 | 29776 | 21.761 | ng/ul | 97 |
| 16) Acetophenone | 9.202 | 105 | 41167 | 22.373 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 9.178 | 70 | 23434 | 22.162 | ng/ul | 96 |
| 18) 4-Methylphenol | 9.137 | 108 | 25783 | 21.675 | ng/ul | 95 |
| 19) Hexachloroethane | 9.478 | 117 | 9160 | 22.481 | ng/ul | 96 |
| 22) Nitrobenzene | 9.595 | 77 | 33648 | 21.369 | ng/ul | 98 |
| 23) Isophorone | 10.112 | 82 | 64993 | 21.694 | ng/ul | 98 |
| 25) 2-Nitrophenol | 10.312 | 139 | 14241 | 22.784 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 10.353 | 107 | 30538 | 21.537 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.588 | 93 | 34446 | 22.119 | ng/ul | 95 |
| 29) 2,4-Dichlorophenol | 10.852 | 162 | 24610 | 21.777 | ng/ul | 95 |
| 30) Naphthalene | 11.264 | 128 | 78735 | 21.596 | ng/ul | 98 |
| 32) 4-Chloroaniline | 11.363 | 127 | 36317 | 22.088 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.540 | 225 | 21713 | 22.653 | ng/ul | 92 |
| 34) Caprolactam | 12.115 | 113 | 8744 | 22.984 | ng/ul | 95 |
| 35) 4-Chloro-3-methylphenol | 12.456 | 107 | 29074 | 22.360 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.844 | 142 | 58674 | 21.946 | ng/ul | 96 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 13.061 | 142 | 59792 | 22.241 | ng/ul | 96 |
| 39) 1,2,4,5-Tetrachloroben... | 13.202 | 216 | 41375 | 21.625 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 13.179 | 237 | 18025 | 18.879 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 13.437 | 196 | 24452 | 21.944 | ng/ul | 93 |
| 42) 2,4,5-Trichlorophenol | 13.513 | 196 | 26023 | 21.752 | ng/ul | 91 |
| 43) 1,1'-Biphenyl | 13.825 | 154 | 86476 | 21.526 | ng/ul# | 98 |
| 44) 2-Chloronaphthalene | 13.878 | 162 | 67187 | 21.569 | ng/ul | 97 |
| 45) 2-Nitroaniline | 14.072 | 65 | 21325 | 22.678 | ng/ul | 96 |
| 47) Dimethylphthalate | 14.418 | 163 | 93057 | 22.213 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.553 | 165 | 19262 | 22.342 | ng/ul# | 95 |
| 50) Acenaphthylene | 14.718 | 152 | 102319 | 21.474 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.888 | 138 | 12982 | 21.251 | ng/ul# | 87 |
| 52) Acenaphthene | 15.053 | 153 | 72204 | 21.269 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 15.094 | 184 | 9220 | 20.082 | ng/ul | 93 |
| 55) 4-Nitrophenol | 15.182 | 109 | 14670 | 21.311 | ng/ul | 94 |
| 56) Dibenzofuran | 15.382 | 168 | 105951 | 21.612 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.340 | 165 | 27928 | 22.628 | ng/ul# | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.605 | 232 | 24357 | 22.406 | ng/ul | 98 |
| 59) Diethylphthalate | 15.769 | 149 | 94007 | 22.087 | ng/ul | 98 |
| 61) Fluorene | 16.028 | 166 | 88445 | 21.336 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 16.010 | 204 | 51892 | 21.447 | ng/ul | 99 |
| 63) 4-Nitroaniline | 16.039 | 138 | 11391 | 19.691 | ng/ul | 94 |
| 66) 4,6-Dinitro-2-methylph... | 16.098 | 198 | 17388 | 21.561 | ng/ul# | 98 |
| 67) N-Nitrosodiphenylamine | 16.222 | 169 | 75564 | 21.656 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.903 | 248 | 34381 | 21.535 | ng/ul | 96 |
| 69) Hexachlorobenzene | 17.032 | 284 | 36925 | 21.963 | ng/ul | 98 |
| 70) Atrazine | 17.150 | 200 | 34383 | 22.172 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.379 | 266 | 15061 | 19.381 | ng/ul | 95 |
| 72) Phenanthrene | 17.772 | 178 | 150617 | 21.653 | ng/ul | 98 |
| 74) Anthracene | 17.861 | 178 | 151963 | 21.748 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.801 | 216 | 43747 | 21.775 | ng/uL | 98 |
| 76) Pentachlorobenzene | 15.305 | 250 | 45007 | 22.008 | ng/uL | 95 |
| 77) Carbazole | 18.125 | 167 | 128638 | 22.030 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.642 | 149 | 147107 | 22.031 | ng/ul | 99 |
| 80) Fluoranthene | 19.758 | 202 | 184289 | 21.390 | ng/ul | 100 |
| 82) Pyrene | 20.122 | 202 | 187017 | 21.443 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.974 | 149 | 60212 | 21.557 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.914 | 252 | 60190 | 22.180 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 22.014 | 228 | 184495 | 21.349 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.861 | 149 | 87630 | 21.571 | ng/ul | 94 |
| 87) Chrysene | 22.084 | 228 | 174076 | 21.350 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 23.165 | 149 | 148419 | 21.182 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.416 | 252 | 190035 | 21.628 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 24.493 | 252 | 183953 | 21.519 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 25.380 | 252 | 161906 | 21.344 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 29.586 | 276 | 199658 | 21.056 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 29.656 | 278 | 165460 | 21.044 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 30.861 | 276 | 160741 | 20.946 | ng/ul | 97 |

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

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