Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050991.D
Acq On : 12 Nov 2021 8:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD020550

Quant Time: Nov 12 08:43:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 11 12:40:48 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.229 | 152 | 34537 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.055 | 136 | 155993 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.850 | 164 | 104317 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.594 | 188 | 238177 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.895 | 240 | 208863 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.291 | 264 | 204928 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.587 | 96 | 8168 | 7.633 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 4.016 | 84 | 62219 | 19.436 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.371 | 99 | 65982 | 17.908 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.541 | 67 | 44686 | 18.775 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.759 | 132 | 47673 | 18.670 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.928 | 113 | 51499 | 17.755 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.398 | 128 | 26176 | 19.746 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.126 | 143 | 28342 | 19.228 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.667 | 165 | 47381 | 19.083 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.184 | 131 | 71430 | 18.997 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.245 | 166 | 158389 | 19.846 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.545 | 160 | 198680 | 19.981 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.038 | 143 | 26639 | 18.409 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.837 | 176 | 137970 | 19.515 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.955 | 200 | 26203 | 18.146 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.694 | 188 | 221143 | 19.638 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.968 | 212 | 256950 | 19.047 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.050 | 264 | 214399 | 18.925 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.628 | 88 | 8972 | 7.634 | ng/uL | 95 |
| 5) Pyridine | 4.034 | 79 | 64286 | 19.400 | ng/ul | 93 |
| 6) Benzaldehyde | 7.365 | 77 | 51146 | 22.009 | ng/ul | 98 |
| 8) Phenol | 7.400 | 94 | 69735 | 18.296 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.635 | 93 | 53686 | 18.818 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.788 | 128 | 48280 | 18.622 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.663 | 108 | 51132 | 18.150 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.752 | 45 | 80383 | 17.888 | ng/ul | 97 |
| 16) Acetophenone | 9.057 | 105 | 83632 | 18.560 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 9.028 | 70 | 50658 | 18.633 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.992 | 108 | 54554 | 18.187 | ng/ul | 97 |
| 19) Hexachloroethane | 9.316 | 117 | 20228 | 18.661 | ng/ul | 98 |
| 22) Nitrobenzene | 9.445 | 77 | 70542 | 19.080 | ng/ul | 99 |
| 23) Isophorone | 9.962 | 82 | 136768 | 19.061 | ng/ul | 98 |
| 25) 2-Nitrophenol | 10.156 | 139 | 29025 | 19.628 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 10.203 | 107 | 63360 | 19.468 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.438 | 93 | 73504 | 19.012 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.696 | 162 | 48733 | 20.122 | ng/ul | 98 |
| 30) Naphthalene | 11.102 | 128 | 165608 | 19.415 | ng/ul | 98 |
| 32) 4-Chloroaniline | 11.208 | 127 | 70807 | 18.965 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.372 | 225 | 30187 | 18.990 | ng/ul | 95 |
| 34) Caprolactam | 11.971 | 113 | 19824 | 19.280 | ng/ul | 99 |
| 35) 4-Chloro-3-methylphenol | 12.312 | 107 | 59132 | 19.112 | ng/ul | 93 |
| 36) 2-Methylnaphthalene | 12.694 | 142 | 110859 | 19.077 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.911 | 142 | 115226 | 19.569 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 13.052 | 216 | 61218 | 20.140 | ng/ul | 94 |
| 40) Hexachlorocyclopentadiene | 13.029 | 237 | 32903 | 22.542 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 13.293 | 196 | 40284 | 20.254 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 13.364 | 196 | 41783 | 19.568 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.687 | 154 | 150221 | 19.701 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.734 | 162 | 118788 | 19.880 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.934 | 65 | 45179 | 19.031 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.292 | 163 | 156773 | 19.646 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.421 | 165 | 32338 | 19.362 | ng/ul | 98 |
| 50) Acenaphthylene | 14.574 | 152 | 198925 | 19.961 | ng/ul | 97 |
| 51) 3-Nitroaniline | 14.756 | 138 | 35825 | 20.739 | ng/ul | 94 |
| 52) Acenaphthene | 14.915 | 153 | 129651 | 19.786 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.962 | 184 | 23385 | 25.380 | ng/ul | 95 |
| 55) 4-Nitrophenol | 15.056 | 109 | 25196 | 18.985 | ng/ul | 93 |
| 56) Dibenzofuran | 15.250 | 168 | 184574 | 19.678 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.209 | 165 | 46787 | 19.629 | ng/ul# | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.473 | 232 | 33625 | 20.038 | ng/ul# | 95 |
| 59) Diethylphthalate | 15.644 | 149 | 165995 | 19.433 | ng/ul | 99 |
| 61) Fluorene | 15.896 | 166 | 144327 | 19.441 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.879 | 204 | 76786 | 19.863 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.914 | 138 | 36105 | 21.068 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.973 | 198 | 26272 | 18.656 | ng/ul | 100 |
| 67) N-Nitrosodiphenylamine | 16.090 | 169 | 129649 | 19.474 | ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.777 | 248 | 46949 | 19.816 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.895 | 284 | 47657 | 19.566 | ng/ul | 91 |
| 70) Atrazine | 17.030 | 200 | 54457 | 19.289 | ng/ul | 97 |
| 71) Pentachlorophenol | 17.242 | 266 | 25217 | 22.551 | ng/ul | 98 |
| 72) Phenanthrene | 17.641 | 178 | 250834 | 19.729 | ng/ul | 100 |
| 74) Anthracene | 17.729 | 178 | 253167 | 19.846 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.658 | 216 | 63607 | 19.614 | ng/uL | 94 |
| 76) Pentachlorobenzene | 15.168 | 250 | 59445 | 19.783 | ng/uL | 99 |
| 77) Carbazole | 18.000 | 167 | 232742 | 20.356 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.528 | 149 | 297604 | 19.809 | ng/ul | 99 |
| 80) Fluoranthene | 19.639 | 202 | 306438 | 18.928 | ng/ul | 99 |
| 82) Pyrene | 19.997 | 202 | 303286 | 19.172 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.861 | 149 | 130919 | 19.246 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.778 | 252 | 99875 | 19.635 | ng/ul | 96 |
| 85) Benzo(a)anthracene | 21.872 | 228 | 276659 | 19.134 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.742 | 149 | 186348 | 19.084 | ng/ul | 100 |
| 87) Chrysene | 21.942 | 228 | 264947 | 19.181 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 23.005 | 149 | 315969 | 18.939 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.204 | 252 | 278957 | 19.108 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 24.275 | 252 | 253945 | 18.537 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 25.127 | 252 | 262050 | 18.847 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 29.192 | 276 | 289016 | 18.672 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 29.257 | 278 | 243741 | 18.611 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 30.409 | 276 | 242210 | 18.694 | ng/ul | 98 |

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

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