Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051004.D
Acq On : 12 Nov 2021 18:41
Operator : CG/JU
Sample : PB140711BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS711

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 00:37:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 15 00:27:19 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.241 | 152 | 35090 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.067 | 136 | 159822 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.869 | 164 | 105013 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.612 | 188 | 223446 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.913 | 240 | 168025 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 25.333 | 264 | 167202 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.599 | 96 | 4213 | 3.875 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 4.052 | 84 | 76651 | 23.567 | ng/ul | -0.01 |
| 7) Phenol-d5 | 7.389 | 99 | 93941 | 25.095 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.554 | 67 | 57095 | 23.611 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.771 | 132 | 68005 | 26.213 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.946 | 113 | 73803 | 25.043 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.416 | 128 | 35426 | 26.083 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.145 | 143 | 42211 | 27.951 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.685 | 165 | 71305 | 28.030 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.202 | 131 | 98947 | 25.684 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.263 | 166 | 233674 | 29.085 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.563 | 160 | 292291 | 29.201 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.062 | 143 | 43221 | 29.670 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.856 | 176 | 204621 | 28.750 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.973 | 200 | 39820 | 29.394 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.712 | 188 | 305929 | 28.959 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.986 | 212 | 314195 | 28.951 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.098 | 264 | 257578 | 27.867 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.635 | 88 | 9858 | 8.255 | ng/uL | 96 |
| 5) Pyridine | 4.075 | 79 | 79302 | 23.554 | ng/ul | 94 |
| 6) Benzaldehyde | 7.377 | 77 | 63057 | 26.706 | ng/ul | 99 |
| 8) Phenol | 7.413 | 94 | 100860 | 26.046 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.648 | 93 | 71230 | 24.574 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.800 | 128 | 69494 | 26.382 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.676 | 108 | 73584 | 25.708 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.764 | 45 | 108926 | 23.858 | ng/ul | 99 |
| 16) Acetophenone | 9.075 | 105 | 120948 | 26.418 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 9.058 | 70 | 70961 | 25.690 | ng/ul | 99 |
| 18) 4-Methylphenol | 9.011 | 108 | 79590 | 26.115 | ng/ul | 96 |
| 19) Hexachloroethane | 9.328 | 117 | 27877 | 25.312 | ng/ul | 97 |
| 22) Nitrobenzene | 9.463 | 77 | 100340 | 26.489 | ng/ul | 99 |
| 23) Isophorone | 10.004 | 82 | 199092 | 27.082 | ng/ul | 97 |
| 25) 2-Nitrophenol | 10.174 | 139 | 43119 | 28.460 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 10.221 | 107 | 90022 | 26.998 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.456 | 93 | 103717 | 26.184 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.709 | 162 | 71325 | 28.744 | ng/ul | 97 |
| 30) Naphthalene | 11.120 | 128 | 240638 | 27.535 | ng/ul | 97 |
| 32) 4-Chloroaniline | 11.226 | 127 | 96603 | 25.254 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.384 | 225 | 46025 | 28.260 | ng/ul | 97 |
| 34) Caprolactam | 12.101 | 113 | 28756 | 27.297 | ng/ul | 96 |
| 35) 4-Chloro-3-methylphenol | 12.330 | 107 | 91508 | 28.868 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.706 | 142 | 164796 | 27.679 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.924 | 142 | 167586 | 27.779 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 13.071 | 216 | 92308 | 30.168 | ng/ul | 95 |
| 40) Hexachlorocyclopentadiene | 13.035 | 237 | 28279 | 19.246 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.306 | 196 | 66223 | 33.075 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.382 | 196 | 71200 | 33.123 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.699 | 154 | 227240 | 29.605 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.752 | 162 | 178527 | 29.680 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.952 | 65 | 68828 | 28.801 | ng/ul | 94 |
| 47) Dimethylphthalate | 14.310 | 163 | 237161 | 29.522 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.440 | 165 | 49900 | 29.678 | ng/ul | 96 |
| 50) Acenaphthylene | 14.592 | 152 | 296541 | 29.560 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.775 | 138 | 49747 | 28.607 | ng/ul | 97 |
| 52) Acenaphthene | 14.933 | 153 | 191784 | 29.074 | ng/ul | 95 |
| 53) 2,4-Dinitrophenol | 14.986 | 184 | 27090 | 29.206 | ng/ul | 90 |
| 55) 4-Nitrophenol | 15.074 | 109 | 39645 | 29.675 | ng/ul | 97 |
| 56) Dibenzofuran | 15.262 | 168 | 274127 | 29.033 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.227 | 165 | 70261 | 29.281 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.486 | 232 | 58145 | 34.420 | ng/ul | 98 |
| 59) Diethylphthalate | 15.662 | 149 | 248190 | 28.863 | ng/ul | 99 |
| 61) Fluorene | 15.914 | 166 | 218446 | 29.230 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.897 | 204 | 117198 | 30.116 | ng/ul | 93 |
| 63) 4-Nitroaniline | 15.938 | 138 | 50133 | 29.060 | ng/ul | 95 |
| 66) 4,6-Dinitro-2-methylph... | 15.991 | 198 | 39762 | 30.097 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 16.108 | 169 | 195684 | 31.330 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.790 | 248 | 72719 | 32.717 | ng/ul | 93 |
| 69) Hexachlorobenzene | 16.913 | 284 | 73997 | 32.384 | ng/ul | 97 |
| 70) Atrazine | 17.054 | 200 | 74595 | 28.164 | ng/ul | 98 |
| 71) Pentachlorophenol | 17.260 | 266 | 44126 | 42.062 | ng/ul | 97 |
| 72) Phenanthrene | 17.654 | 178 | 360349 | 30.212 | ng/ul | 99 |
| 74) Anthracene | 17.748 | 178 | 351641 | 29.383 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.670 | 216 | 97117 | 31.921 | ng/uL | 98 |
| 76) Pentachlorobenzene | 15.180 | 250 | 89268 | 31.666 | ng/uL | 99 |
| 77) Carbazole | 18.018 | 167 | 321449 | 29.968 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.547 | 149 | 401107 | 28.458 | ng/ul | 99 |
| 80) Fluoranthene | 19.657 | 202 | 392916 | 30.168 | ng/ul | 96 |
| 82) Pyrene | 20.015 | 202 | 379256 | 29.802 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.879 | 149 | 152777 | 27.918 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.802 | 252 | 115104 | 28.129 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.896 | 228 | 340508 | 29.273 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.760 | 149 | 216044 | 27.503 | ng/ul# | 100 |
| 87) Chrysene | 21.966 | 228 | 329084 | 29.615 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 23.030 | 149 | 367981 | 27.033 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.240 | 252 | 340292 | 28.569 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 24.310 | 252 | 317785 | 28.431 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 25.180 | 252 | 325489 | 28.691 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 29.275 | 276 | 369433 | 29.253 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 29.340 | 278 | 322232 | 30.156 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 30.509 | 276 | 309633m | 29.290 | ng/ul | |

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

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