Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021321\
Data File : BG048152.D
Acq On : 12 Feb 2021 17:26
Operator : CG/JU
Sample : SSTD01027
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01027

Manual Integrations APPROVED
mohammad
2/15/2021 11:32:08 AM

Quant Time: Feb 12 22:57:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 12 22:47:29 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.10 | 152 | 52876 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.91 | 136 | 203965 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.73 | 164 | 154096 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.46 | 188 | 385438 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.74 | 240 | 403226 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.00 | 264 | 409850 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.52 | 96 | 4964 | 5.00 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.24 | 99 | 42589 | 9.41 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.42 | 67 | 26421 | 11.36 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.63 | 132 | 30325 | 8.84 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.79 | 113 | 33081 | 9.21 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.26 | 128 | 15418 | 9.27 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.98 | 143 | 18212 | 9.09 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.53 | 165 | 35277 | 8.10 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.04 | 131 | 35989 | 9.00 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.12 | 166 | 114818 | 8.58 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.42 | 160 | 140935 | 9.22 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.90 | 143 | 17312 | 8.72 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.71 | 176 | 100801 | 8.18 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.82 | 200 | 21086 | 8.08 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.56 | 188 | 171767 | 8.93 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.84 | 212 | 208635 | 8.75 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.77 | 264 | 210630 | 8.80 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.55 | 88 | 5973 | 5.833 | ng/uL | 100 |
| 4) Benzaldehyde | 7.24 | 77 | 31589 | 13.154 | ng/ul | 100 |
| 6) Phenol | 7.28 | 94 | 44426 | 10.391 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.51 | 93 | 36337 | 12.215 | ng/ul | 100 |
| 10) 2-Chlorophenol | 7.66 | 128 | 32578 | 9.642 | ng/ul | 100 |
| 11) 2-Methylphenol | 8.53 | 108 | 30707 | 9.036 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.63 | 45 | 47298 | 16.976 | ng/ul | 100 |
| 14) Acetophenone | 8.92 | 105 | 57787 | 10.198 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.90 | 70 | 31394 | 10.025 | ng/ul | 100 |
| 16) 4-Methylphenol | 8.86 | 108 | 35797 | 9.861 | ng/ul | 100 |
| 17) Hexachloroethane | 9.19 | 117 | 14958 | 9.055 | ng/ul | 100 |
| 20) Nitrobenzene | 9.30 | 77 | 46952 | 8.922 | ng/ul | 100 |
| 21) Isophorone | 9.83 | 82 | 82672 | 9.142 | ng/ul | 100 |
| 23) 2-Nitrophenol | 10.02 | 139 | 18754 | 9.148 | ng/ul | 100 |
| 24) 2,4-Dimethylphenol | 10.07 | 107 | 42387 | 8.633 | ng/ul | 100 |
| 25) Bis(2-Chloroethoxy)methane | 10.31 | 93 | 47967 | 11.580 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.55 | 162 | 34171 | 9.283 | ng/ul | 100 |
| 28) Naphthalene | 10.97 | 128 | 104713 | 9.206 | ng/ul | 100 |
| 30) 4-Chloroaniline | 11.07 | 127 | 37874 | 10.254 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 11.25 | 225 | 30436 | 7.572 | ng/ul | 100 |
| 32) Caprolactam | 11.82 | 113 | 12140m | 9.790 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 12.17 | 107 | 37130 | 8.285 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.56 | 142 | 79027 | 9.019 | ng/ul | 100 |

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|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.78 | 142 | 75006 | 7.383 ng/uL | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.92 | 216 | 57079 | 9.321 ng/ul | 100 |
| 38) Hexachlorocyclopentadiene | 12.90 | 237 | 32480 | 7.596 ng/ul | 100 |
| 39) 2,4,6-Trichlorophenol | 13.16 | 196 | 32683 | 8.173 ng/ul | 100 |
| 40) 2,4,5-Trichlorophenol | 13.23 | 196 | 31668 | 7.657 ng/ul | 100 |
| 41) 1,1'-Biphenyl | 13.56 | 154 | 105232 | 9.072 ng/ul | 100 |
| 42) 2-Chloronaphthalene | 13.60 | 162 | 89048 | 9.481 ng/ul | 100 |
| 43) 2-Nitroaniline | 13.80 | 65 | 29032 | 8.650 ng/ul | 100 |
| 45) Dimethylphthalate | 14.17 | 163 | 119421 | 8.808 ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 14.29 | 165 | 24431 | 8.423 ng/ul | 100 |
| 48) Acenaphthylene | 14.44 | 152 | 128714 | 9.076 ng/ul | 100 |
| 49) 3-Nitroaniline | 14.62 | 138 | 19748 | 9.979 ng/ul | 100 |
| 50) Acenaphthene | 14.79 | 153 | 94703 | 9.448 ng/ul | 100 |
| 51) 2,4-Dinitrophenol | 14.83 | 184 | 11253 | 6.720 ng/ul | 100 |
| 53) 4-Nitrophenol | 14.91 | 109 | 20201 | 6.183 ng/ul | 100 |
| 54) Dibenzofuran | 15.12 | 168 | 138558 | 9.474 ng/ul | 100 |
| 55) 2,4-Dinitrotoluene | 15.07 | 165 | 35787 | 8.744 ng/ul | 100 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.34 | 232 | 34141 | 8.824 ng/ul | 100 |
| 57) Diethylphthalate | 15.53 | 149 | 123722 | 9.349 ng/ul | 100 |
| 59) Fluorene | 15.77 | 166 | 113470 | 9.074 ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.76 | 204 | 65687 | 8.405 ng/ul | 100 |
| 61) 4-Nitroaniline | 15.78 | 138 | 23349 | 10.575 ng/ul | 100 |
| 64) 4,6-Dinitro-2-methylphenol | 15.84 | 198 | 20556 | 7.814 ng/ul | 100 |
| 65) N-Nitrosodiphenylamine | 15.97 | 169 | 101818 | 9.583 ng/ul | 100 |
| 66) 4-Bromophenyl-phenylether | 16.65 | 248 | 45375 | 9.129 ng/ul | 100 |
| 67) Hexachlorobenzene | 16.77 | 284 | 48053 | 8.864 ng/ul | 100 |
| 68) Atrazine | 16.91 | 200 | 43376 | 8.812 ng/ul | 100 |
| 69) Pentachlorophenol | 17.12 | 266 | 22682m | 9.677 ng/ul | |
| 70) Phenanthrene | 17.51 | 178 | 201466 | 9.644 ng/ul | 100 |
| 72) Anthracene | 17.60 | 178 | 201536 | 9.678 ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.53 | 216 | 57051 | 9.446 ng/uL | 100 |
| 74) Pentachlorobenzene | 15.04 | 250 | 55539 | 9.225 ng/uL | 100 |
| 75) Carbazole | 17.86 | 167 | 176006 | 10.599 ng/ul | 100 |
| 76) Di-n-butylphthalate | 18.42 | 149 | 202154 | 9.529 ng/ul | 100 |
| 77) Fluoranthene | 19.51 | 202 | 263527 | 9.914 ng/ul | 100 |
| 80) Pyrene | 19.87 | 202 | 270442 | 9.222 ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.75 | 149 | 86058 | 8.820 ng/ul | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.63 | 252 | 83261 | 9.036 ng/ul | 100 |
| 83) Benzo(a)anthracene | 21.72 | 228 | 263264 | 9.139 ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 127534 | 9.313 ng/ul | 100 |
| 85) Chrysene | 21.78 | 228 | 248694 | 9.147 ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.85 | 149 | 215652 | 9.984 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.96 | 252 | 261893 | 9.154 ng/ul | 100 |
| 89) Benzo(k)fluoranthene | 24.03 | 252 | 258019 | 9.100 ng/ul | 100 |
| 91) Benzo(a)pyrene | 24.84 | 252 | 233263 | 9.041 ng/ul | 100 |
| 92) Indeno(1,2,3-cd)pyrene | 28.71 | 276 | 289302 | 9.195 ng/ul | 100 |
| 93) Dibenzo(a,h)anthracene | 28.77 | 278 | 244850 | 9.284 ng/ul | 100 |
| 94) Benzo(g,h,i)perylene | 29.87 | 276 | 240367 | 9.305 ng/ul | 100 |

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|---|---|---|---|---|---|---|

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

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