Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121620\
Data File : BG047758.D
Acq On : 16 Dec 2020 17:01
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020006

Manual Integrations APPROVED
mohammad
12/17/2020 11:37:41 AM

Quant Time: Dec 16 17:38:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 16 10:08:44 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.21 | 152 | 31779 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.03 | 136 | 118952 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.82 | 164 | 90735 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.56 | 188 | 231231 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.84 | 240 | 241497 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.19 | 264 | 260785 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.52 | 96 | 5889 | 8.15 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.96 | 84 | 38208 | 18.63 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.34 | 99 | 54656 | 20.50 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.52 | 67 | 29252 | 20.83 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.72 | 132 | 39669 | 19.68 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.90 | 113 | 40053 | 19.76 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.37 | 128 | 20578 | 20.56 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.10 | 143 | 23685 | 20.79 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.64 | 165 | 49412 | 20.53 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.15 | 131 | 58970 | 21.06 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.22 | 166 | 154135 | 20.58 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.52 | 160 | 174320 | 20.36 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.99 | 143 | 21956 | 19.25 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.81 | 176 | 143144 | 20.48 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.92 | 200 | 31156 | 19.69 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.66 | 188 | 230907m | 20.54 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.93 | 212 | 279224 | 21.36 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.96 | 264 | 306412 | 20.94 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.56 | 88 | 6452 | 8.657 | ng/uL# | 82 |
| 5) Pyridine | 3.98 | 79 | 38813 | 20.181 | ng/ul | 87 |
| 6) Benzaldehyde | 7.33 | 77 | 23749 | 19.389 | ng/ul | 89 |
| 8) Phenol | 7.37 | 94 | 51882 | 19.805 | ng/ul | 87 |
| 10) Bis(2-Chloroethyl)ether | 7.61 | 93 | 36172 | 19.853 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.76 | 128 | 38733 | 19.365 | ng/ul | 94 |
| 13) 2-Methylphenol | 8.63 | 108 | 41056 | 20.601 | ng/ul | 85 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.72 | 45 | 35168 | 20.739 | ng/ul# | 92 |
| 16) Acetophenone | 9.03 | 105 | 72987 | 21.431 | ng/ul | 92 |
| 17) N-Nitroso-di-n-propylamine | 9.01 | 70 | 37848 | 20.240 | ng/ul# | 96 |
| 18) 4-Methylphenol | 8.96 | 108 | 44223 | 20.220 | ng/ul | 99 |
| 19) Hexachloroethane | 9.30 | 117 | 19072 | 19.473 | ng/ul | 96 |
| 22) Nitrobenzene | 9.42 | 77 | 63462 | 21.294 | ng/ul# | 91 |
| 23) Isophorone | 9.93 | 82 | 110376 | 21.322 | ng/ul | 98 |
| 25) 2-Nitrophenol | 10.14 | 139 | 24968 | 20.972 | ng/ul | 85 |
| 26) 2,4-Dimethylphenol | 10.18 | 107 | 58075 | 20.781 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)methane | 10.41 | 93 | 49914 | 20.202 | ng/ul | 96 |
| 29) 2,4-Dichlorophenol | 10.67 | 162 | 44895 | 20.334 | ng/ul | 96 |
| 30) Naphthalene | 11.08 | 128 | 135626 | 20.637 | ng/ul | 97 |
| 32) 4-Chloroaniline | 11.18 | 127 | 55922 | 20.887 | ng/ul | 91 |
| 33) Hexachlorobutadiene | 11.36 | 225 | 49205 | 20.753 | ng/ul# | 82 |
| 34) Caprolactam | 11.92 | 113 | 13907m | 18.595 | ng/ul | |

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 16 10:08:44 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 12.28 | 107 | 51759 | 21.268 | ng/ul# | 82 |
| 36) 2-Methylnaphthalene | 12.67 | 142 | 105247 | 21.223 | ng/ul | 96 |
| 37) 1-Methylnaphthalene | 12.89 | 142 | 97626 | 20.603 | ng/ul | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 78021 | 20.879 | ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 13.01 | 237 | 48276 | 19.705 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 13.26 | 196 | 47115 | 21.026 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 13.33 | 196 | 47714 | 20.105 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.66 | 154 | 142004 | 20.262 | ng/ul | 95 |
| 44) 2-Chloronaphthalene | 13.71 | 162 | 115072 | 20.860 | ng/ul | 97 |
| 45) 2-Nitroaniline | 13.90 | 65 | 40500 | 21.374 | ng/ul | 91 |
| 47) Dimethylphthalate | 14.26 | 163 | 160065 | 20.861 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.39 | 165 | 32451 | 20.017 | ng/ul# | 90 |
| 50) Acenaphthylene | 14.55 | 152 | 164998 | 20.449 | ng/ul# | 94 |
| 51) 3-Nitroaniline | 14.72 | 138 | 19388 | 16.657 | ng/ul | 89 |
| 52) Acenaphthene | 14.89 | 153 | 114324 | 19.936 | ng/ul | 91 |
| 53) 2,4-Dinitrophenol | 14.92 | 184 | 16720 | 17.387 | ng/ul# | 80 |
| 55) 4-Nitrophenol | 15.01 | 109 | 37492 | 19.386 | ng/ul# | 89 |
| 56) Dibenzofuran | 15.22 | 168 | 170189 | 20.488 | ng/ul | 93 |
| 57) 2,4-Dinitrotoluene | 15.17 | 165 | 48083 | 20.695 | ng/ul | 87 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.44 | 232 | 45091 | 20.516 | ng/ul# | 94 |
| 59) Diethylphthalate | 15.62 | 149 | 153427 | 20.199 | ng/ul | 95 |
| 61) Fluorene | 15.87 | 166 | 147509 | 20.660 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenylether | 15.85 | 204 | 90994 | 20.377 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.87 | 138 | 14672 | 13.408 | ng/ul# | 81 |
| 66) 4,6-Dinitro-2-methylphenol | 15.93 | 198 | 32583 | 20.283 | ng/ul | 95 |
| 67) N-Nitrosodiphenylamine | 16.06 | 169 | 129672 | 20.154 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.74 | 248 | 62034 | 20.895 | ng/ul | 94 |
| 69) Hexachlorobenzene | 16.87 | 284 | 66460 | 20.392 | ng/ul | 93 |
| 70) Atrazine | 17.00 | 200 | 62937 | 20.533 | ng/ul# | 96 |
| 71) Pentachlorophenol | 17.21 | 266 | 25853 | 16.876 | ng/ul# | 88 |
| 72) Phenanthrene | 17.60 | 178 | 256931 | 20.463 | ng/ul | 98 |
| 74) Anthracene | 17.69 | 178 | 257121 | 20.499 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.63 | 216 | 79302 | 21.162 | ng/uL | 95 |
| 76) Pentachlorobenzene | 15.14 | 250 | 76551 | 20.935 | ng/uL | 96 |
| 77) Carbazole | 17.96 | 167 | 210613 | 20.598 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.50 | 149 | 255097 | 20.341 | ng/ul | 99 |
| 80) Fluoranthene | 19.60 | 202 | 356618 | 21.545 | ng/ul | 100 |
| 82) Pyrene | 19.96 | 202 | 355797 | 21.774 | ng/ul# | 98 |
| 83) Butylbenzylphthalate | 20.82 | 149 | 121174 | 21.257 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.72 | 252 | 118614 | 19.948 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.82 | 228 | 353708 | 20.750 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phthalate | 21.70 | 149 | 167254 | 21.287 | ng/ul | 96 |
| 87) Chrysene | 21.88 | 228 | 342517 | 21.176 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.95 | 149 | 287248 | 20.930 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.12 | 252 | 376046m | 20.631 | ng/ul | |
| 91) Benzo(k)fluoranthene | 24.19 | 252 | 369032 | 20.493 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 25.03 | 252 | 343288 | 21.356 | ng/ul# | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 29.03 | 276 | 410390 | 20.631 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 29.09 | 278 | 344553 | 20.857 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 30.23 | 276 | 340362 | 20.776 | ng/ul | 94 |

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

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

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