Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047825.D
Acq On : 24 Dec 2020 10:12
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02006

Manual Integrations APPROVED
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12/28/2020 1:35:57 PM

Quant Time: Dec 24 10:56:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 13:42:29 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.20 | 152 | 35526 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.02 | 136 | 140194 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.82 | 164 | 108431 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.56 | 188 | 270421 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.83 | 240 | 238675 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.18 | 264 | 250525 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.52 | 96 | 5293 | 7.93 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.34 | 99 | 59034 | 19.42 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.51 | 67 | 30629 | 19.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.72 | 132 | 43576 | 18.90 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.90 | 113 | 47272 | 19.59 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.37 | 128 | 20951 | 18.33 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.09 | 143 | 24657 | 17.90 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.64 | 165 | 54153 | 18.10 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.15 | 131 | 51182 | 18.63 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.21 | 166 | 160130 | 17.00 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.52 | 160 | 189155 | 17.58 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.99 | 143 | 23695 | 16.96 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.81 | 176 | 152392 | 17.58 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.92 | 200 | 31379 | 17.14 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.66 | 188 | 242670 | 17.99 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.92 | 212 | 268787 | 19.05 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.95 | 264 | 261541 | 17.87 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.56 | 88 | 5722 | 8.317 | ng/uL# | 77 |
| 4) Benzaldehyde | 7.32 | 77 | 27578 | 17.092 | ng/ul# | 85 |
| 6) Phenol | 7.37 | 94 | 56373 | 19.625 | ng/ul | 94 |
| 8) Bis(2-Chloroethyl)ether | 7.60 | 93 | 38070 | 19.047 | ng/ul# | 82 |
| 10) 2-Chlorophenol | 7.76 | 128 | 43889 | 19.333 | ng/ul# | 94 |
| 11) 2-Methylphenol | 8.63 | 108 | 44220 | 19.366 | ng/ul | 88 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.73 | 45 | 37543 | 20.056 | ng/ul# | 94 |
| 14) Acetophenone | 9.03 | 105 | 73621 | 19.337 | ng/ul | 95 |
| 15) N-Nitroso-di-n-propylamine | 9.00 | 70 | 40261 | 19.135 | ng/ul# | 93 |
| 16) 4-Methylphenol | 8.96 | 108 | 45423 | 18.623 | ng/ul | 87 |
| 17) Hexachloroethane | 9.30 | 117 | 23227 | 20.928 | ng/ul | 91 |
| 20) Nitrobenzene | 9.41 | 77 | 67453 | 18.648 | ng/ul# | 92 |
| 21) Isophorone | 9.93 | 82 | 113419 | 18.248 | ng/ul | 98 |
| 23) 2-Nitrophenol | 10.13 | 139 | 26790 | 19.013 | ng/ul# | 91 |
| 24) 2,4-Dimethylphenol | 10.18 | 107 | 61868 | 18.333 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 10.41 | 93 | 51746 | 18.175 | ng/ul | 95 |
| 27) 2,4-Dichlorophenol | 10.66 | 162 | 46363 | 18.324 | ng/ul | 97 |
| 28) Naphthalene | 11.08 | 128 | 142798 | 18.266 | ng/ul# | 94 |
| 30) 4-Chloroaniline | 11.18 | 127 | 47971 | 18.895 | ng/ul | 88 |
| 31) Hexachlorobutadiene | 11.36 | 225 | 50533 | 18.290 | ng/ul | 96 |
| 32) Caprolactam | 11.93 | 113 | 14928 | 17.514 | ng/ul | 93 |
| 33) 4-Chloro-3-methylphenol | 12.27 | 107 | 54345 | 17.642 | ng/ul | 93 |
| 34) 2-Methylnaphthalene | 12.66 | 142 | 108394 | 17.997 | ng/ul | 89 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.88 | 142 | 126115 | 18.060 | ng/uL | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 80665 | 18.720 | ng/ul# | 92 |
| 38) Hexachlorocyclopentadiene | 13.01 | 237 | 43192 | 14.355 | ng/ul | 98 |
| 39) 2,4,6-Trichlorophenol | 13.26 | 196 | 50912 | 18.094 | ng/ul# | 92 |
| 40) 2,4,5-Trichlorophenol | 13.33 | 196 | 51397 | 17.660 | ng/ul | 94 |
| 41) 1,1'-Biphenyl | 13.66 | 154 | 149918 | 18.367 | ng/ul | 100 |
| 42) 2-Chloronaphthalene | 13.71 | 162 | 120410 | 18.220 | ng/ul | 95 |
| 43) 2-Nitroaniline | 13.90 | 65 | 42496 | 17.995 | ng/ul | 98 |
| 45) Dimethylphthalate | 14.26 | 163 | 163206 | 17.106 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 14.38 | 165 | 36164 | 17.719 | ng/ul# | 80 |
| 48) Acenaphthylene | 14.55 | 152 | 177922 | 17.830 | ng/ul | 98 |
| 49) 3-Nitroaniline | 14.71 | 138 | 23482 | 16.863 | ng/ul# | 97 |
| 50) Acenaphthene | 14.88 | 153 | 124928 | 17.713 | ng/ul | 93 |
| 51) 2,4-Dinitrophenol | 14.92 | 184 | 15984 | 13.565 | ng/ul | 94 |
| 53) 4-Nitrophenol | 15.01 | 109 | 38827m | 16.889 | ng/ul | |
| 54) Dibenzofuran | 15.22 | 168 | 183457 | 17.828 | ng/ul | 97 |
| 55) 2,4-Dinitrotoluene | 15.17 | 165 | 49813 | 17.297 | ng/ul | 96 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.44 | 232 | 47032 | 17.275 | ng/ul# | 98 |
| 57) Diethylphthalate | 15.61 | 149 | 157965 | 16.963 | ng/ul | 99 |
| 59) Fluorene | 15.86 | 166 | 153875 | 17.488 | ng/ul | 96 |
| 60) 4-Chlorophenyl-phenylether | 15.85 | 204 | 97654 | 17.759 | ng/ul | 98 |
| 61) 4-Nitroaniline | 15.87 | 138 | 25130 | 16.175 | ng/ul | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 15.94 | 198 | 30174 | 16.349 | ng/ul# | 92 |
| 65) N-Nitrosodiphenylamine | 16.06 | 169 | 135100 | 18.124 | ng/ul# | 86 |
| 66) 4-Bromophenyl-phenylether | 16.74 | 248 | 65178 | 18.690 | ng/ul | 95 |
| 67) Hexachlorobenzene | 16.86 | 284 | 69564 | 18.290 | ng/ul | 95 |
| 68) Atrazine | 16.99 | 200 | 61970 | 17.944 | ng/ul | 97 |
| 69) Pentachlorophenol | 17.20 | 266 | 30542 | 18.573 | ng/ul | 97 |
| 70) Phenanthrene | 17.60 | 178 | 264710 | 18.061 | ng/ul | 98 |
| 72) Anthracene | 17.69 | 178 | 266010 | 18.208 | ng/ul | 95 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.63 | 216 | 82636 | 19.502 | ng/uL | 99 |
| 74) Pentachlorobenzene | 15.14 | 250 | 81701 | 19.341 | ng/uL | 99 |
| 75) Carbazole | 17.96 | 167 | 215544 | 18.500 | ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.50 | 149 | 264278 | 17.757 | ng/ul | 97 |
| 77) Fluoranthene | 19.60 | 202 | 342264 | 18.353 | ng/ul | 99 |
| 80) Pyrene | 19.95 | 202 | 329079 | 18.957 | ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.82 | 149 | 110606 | 19.150 | ng/ul | 94 |
| 82) 3,3'-Dichlorobenzidine | 21.72 | 252 | 95026 | 17.422 | ng/ul | 94 |
| 83) Benzo(a)anthracene | 21.81 | 228 | 313749 | 18.400 | ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.69 | 149 | 152408 | 18.802 | ng/ul | 96 |
| 85) Chrysene | 21.88 | 228 | 297627 | 18.494 | ng/ul | 97 |
| 87) Di-n-octyl phthalate | 22.94 | 149 | 246656 | 18.682 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 24.11 | 252 | 322825 | 18.459 | ng/ul | 94 |
| 89) Benzo(k)fluoranthene | 24.18 | 252 | 315232 | 18.188 | ng/ul | 96 |
| 91) Benzo(a)pyrene | 25.02 | 252 | 288424 | 18.289 | ng/ul# | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 29.02 | 276 | 353393 | 18.375 | ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 29.09 | 278 | 293664m | 18.217 | ng/ul | |
| 94) Benzo(g,h,i)perylene | 30.21 | 276 | 289849m | 18.357 | ng/ul | |

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

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