Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046934.D
Acq On : 16 Oct 2020 18:06
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD02033

**Manual Integrations APPROVED**
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10/19/2020 1:23:25 PM

Quant Time: Oct 16 18:51:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 02:00:57 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.08 | 152 | 67446 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.90 | 136 | 271952 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.71 | 164 | 191721 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.45 | 188 | 439607 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.73 | 240 | 386829 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.98 | 264 | 384471 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.49 | 96 | 11086 | 7.30 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.24 | 99 | 118808 | 20.14 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.40 | 67 | 66575 | 19.32 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.61 | 132 | 96459 | 21.73 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.79 | 113 | 99554 | 20.95 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.24 | 128 | 48803 | 21.11 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.97 | 143 | 54884 | 20.82 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.51 | 165 | 111158 | 21.49 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.02 | 131 | 120376 | 20.25 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.11 | 166 | 321538 | 20.19 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.40 | 160 | 377622 | 20.80 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.89 | 143 | 55225 | 20.12 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.70 | 176 | 300264 | 20.51 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.81 | 200 | 34772 | 11.49 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.55 | 188 | 436525 | 20.50 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.83 | 212 | 478927 | 22.59 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.76 | 264 | 450606 | 20.81 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.53 | 88 | 12922 | 7.132 | ng/uL | 97 |
| 4) Benzaldehyde | 7.22 | 77 | 66425m | 19.190 | ng/ul | |
| 6) Phenol | 7.26 | 94 | 125414 | 20.121 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.49 | 93 | 96358 | 20.399 | ng/ul | 91 |
| 10) 2-Chlorophenol | 7.65 | 128 | 96454 | 21.522 | ng/ul | 95 |
| 11) 2-Methylphenol | 8.52 | 108 | 95300 | 20.523 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.61 | 45 | 142971 | 21.161 | ng/ul | 98 |
| 14) Acetophenone | 8.90 | 105 | 154766 | 20.307 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.89 | 70 | 81792 | 20.463 | ng/ul# | 92 |
| 16) 4-Methylphenol | 8.85 | 108 | 103926 | 21.086 | ng/ul | 99 |
| 17) Hexachloroethane | 9.17 | 117 | 42336 | 20.733 | ng/ul | 96 |
| 20) Nitrobenzene | 9.29 | 77 | 127484 | 20.441 | ng/ul | 96 |
| 21) Isophorone | 9.81 | 82 | 232778 | 20.283 | ng/ul | 98 |
| 23) 2-Nitrophenol | 10.00 | 139 | 60351 | 21.843 | ng/ul | 95 |
| 24) 2,4-Dimethylphenol | 10.06 | 107 | 119469 | 20.497 | ng/ul | 97 |
| 25) Bis(2-Chloroethoxy)methane | 10.29 | 93 | 131481 | 20.090 | ng/ul | 96 |
| 27) 2,4-Dichlorophenol | 10.54 | 162 | 108534 | 21.097 | ng/ul | 98 |
| 28) Naphthalene | 10.94 | 128 | 322787 | 20.570 | ng/ul | 98 |
| 30) 4-Chloroaniline | 11.05 | 127 | 117767 | 20.697 | ng/ul | 94 |
| 31) Hexachlorobutadiene | 11.23 | 225 | 89742 | 20.473 | ng/ul | 98 |
| 32) Caprolactam | 11.80 | 113 | 36472m | 20.949 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 12.16 | 107 | 108983 | 20.247 | ng/ul | 94 |
| 34) 2-Methylnaphthalene | 12.55 | 142 | 236936 | 20.536 | ng/ul | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.76 | 142 | 230770 | 20.280 ng/uL | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.91 | 216 | 159074 | 21.276 ng/ul | 97 |
| 38) Hexachlorocyclopentadiene | 12.89 | 237 | 62315 | 12.551 ng/ul | 88 |
| 39) 2,4,6-Trichlorophenol | 13.15 | 196 | 102439 | 22.262 ng/ul | 93 |
| 40) 2,4,5-Trichlorophenol | 13.22 | 196 | 107140 | 22.056 ng/ul | 99 |
| 41) 1,1'-Biphenyl | 13.55 | 154 | 319537 | 20.662 ng/ul | 100 |
| 42) 2-Chloronaphthalene | 13.59 | 162 | 259179 | 20.918 ng/ul | 98 |
| 43) 2-Nitroaniline | 13.79 | 65 | 82244 | 22.126 ng/ul | 95 |
| 45) Dimethylphthalate | 14.16 | 163 | 328795 | 19.914 ng/ul | 98 |
| 46) 2,6-Dinitrotoluene | 14.27 | 165 | 69570 | 20.613 ng/ul | 96 |
| 48) Acenaphthylene | 14.43 | 152 | 370488 | 20.190 ng/ul | 98 |
| 49) 3-Nitroaniline | 14.60 | 138 | 62609 | 22.380 ng/ul | 96 |
| 50) Acenaphthene | 14.77 | 153 | 265115 | 20.604 ng/ul | 97 |
| 51) 2,4-Dinitrophenol | 14.81 | 184 | 18860 | 8.853 ng/ul | 90 |
| 53) 4-Nitrophenol | 14.91 | 109 | 57082 | 19.814 ng/ul | 94 |
| 54) Dibenzofuran | 15.11 | 168 | 393527 | 20.580 ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 15.06 | 165 | 100205 | 20.685 ng/ul | 89 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.33 | 232 | 104817 | 21.784 ng/ul# | 94 |
| 57) Diethylphthalate | 15.51 | 149 | 338186 | 20.535 ng/ul | 99 |
| 59) Fluorene | 15.75 | 166 | 319800 | 20.381 ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.74 | 204 | 179229 | 19.599 ng/ul | 98 |
| 61) 4-Nitroaniline | 15.77 | 138 | 64967 | 20.815 ng/ul | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 15.83 | 198 | 38185 | 11.728 ng/ul# | 93 |
| 65) N-Nitrosodiphenylamine | 15.96 | 169 | 279114 | 21.637 ng/ul | 96 |
| 66) 4-Bromophenyl-phenylether | 16.64 | 248 | 124549 | 21.240 ng/ul | 97 |
| 67) Hexachlorobenzene | 16.76 | 284 | 135273 | 22.147 ng/ul | 93 |
| 68) Atrazine | 16.90 | 200 | 118267 | 20.755 ng/ul | 92 |
| 69) Pentachlorophenol | 17.10 | 266 | 77647 | 20.482 ng/ul | 96 |
| 70) Phenanthrene | 17.50 | 178 | 517277 | 20.564 ng/ul | 98 |
| 72) Anthracene | 17.59 | 178 | 513930 | 20.227 ng/ul | 97 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.51 | 216 | 158522 | 22.688 ng/uL | 96 |
| 74) Pentachlorobenzene | 15.03 | 250 | 160129 | 22.334 ng/uL | 97 |
| 75) Carbazole | 17.85 | 167 | 423159 | 20.739 ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.40 | 149 | 533419 | 19.979 ng/ul | 99 |
| 77) Fluoranthene | 19.50 | 202 | 597761 | 19.460 ng/ul | 98 |
| 80) Pyrene | 19.86 | 202 | 585236 | 22.355 ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.74 | 149 | 210947 | 22.142 ng/ul | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.62 | 252 | 133229 | 14.723 ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.71 | 228 | 571723 | 21.414 ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149 | 292559 | 21.506 ng/ul | 95 |
| 85) Chrysene | 21.77 | 228 | 544510 | 21.138 ng/ul | 97 |
| 87) Di-n-octyl phthalate | 22.83 | 149 | 495324 | 22.415 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.95 | 252 | 556901 | 20.881 ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 24.02 | 252 | 551430 | 21.441 ng/ul | 99 |
| 91) Benzo(a)pyrene | 24.83 | 252 | 508478 | 21.207 ng/ul# | 95 |
| 92) Indeno(1,2,3-cd)pyrene | 28.69 | 276 | 623662 | 21.233 ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 28.76 | 278 | 527716 | 21.665 ng/ul | 100 |
| 94) Benzo(g,h,i)perylene | 29.85 | 276 | 522240m | 21.181 ng/ul | |

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

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

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