Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111920\
Data File : BG047350.D
Acq On : 19 Nov 2020 11:41
Operator : CG/JU
Sample : SSTD02026
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD02026

Quant Time: Nov 19 12:22:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 12:21:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.27 | 152 | 37503 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.10 | 136 | 154488 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.88 | 164 | 117936 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.62 | 188 | 298489 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.90 | 240 | 305886 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.30 | 264 | 321227 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.61 | 96 | 7054 | 7.59 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.40 | 99 | 73091 | 22.46 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.59 | 67 | 42893 | 22.91 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.80 | 132 | 51072 | 20.18 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.96 | 113 | 57454 | 22.12 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.44 | 128 | 24806 | 19.16 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.17 | 143 | 25954 | 17.16 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.71 | 165 | 61807 | 20.94 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.22 | 131 | 66922 | 26.59 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.28 | 166 | 195018 | 20.11 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.58 | 160 | 226129 | 19.71 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.03 | 143 | 30550 | 20.01 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.87 | 176 | 180584 | 20.06 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 30537 | 14.83 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.72 | 188 | 291536 | 20.15 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.98 | 212 | 342545 | 19.63 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 25.06 | 264 | 355131 | 20.11 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.66 | 88 | 8108 | 8.133 | ng/uL | 100 |
| 4) Benzaldehyde | 7.40 | 77 | 47178 | 21.848 | ng/ul | 100 |
| 6) Phenol | 7.43 | 94 | 72271 | 22.752 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.67 | 93 | 55814 | 22.423 | ng/ul | 100 |
| 10) 2-Chlorophenol | 7.83 | 128 | 51198 | 20.367 | ng/ul | 100 |
| 11) 2-Methylphenol | 8.70 | 108 | 55260 | 22.684 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.81 | 45 | 57469 | 15.539 | ng/ul | 100 |
| 14) Acetophenone | 9.10 | 105 | 89747 | 22.623 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 9.08 | 70 | 53377 | 24.867 | ng/ul | 100 |
| 16) 4-Methylphenol | 9.03 | 108 | 59526 | 23.265 | ng/ul | 100 |
| 17) Hexachloroethane | 9.37 | 117 | 24360 | 21.007 | ng/ul | 100 |
| 20) Nitrobenzene | 9.48 | 77 | 78220 | 22.372 | ng/ul | 100 |
| 21) Isophorone | 10.01 | 82 | 151282 | 24.025 | ng/ul | 100 |
| 23) 2-Nitrophenol | 10.20 | 139 | 29521 | 19.030 | ng/ul | 100 |
| 24) 2,4-Dimethylphenol | 10.24 | 107 | 76422 | 24.233 | ng/ul | 100 |
| 25) Bis(2-Chloroethoxy)methane | 10.49 | 93 | 74342 | 20.922 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.73 | 162 | 55367 | 19.889 | ng/ul | 100 |
| 28) Naphthalene | 11.15 | 128 | 169269 | 19.503 | ng/ul | 100 |
| 30) 4-Chloroaniline | 11.24 | 127 | 62338 | 26.039 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 11.43 | 225 | 53258 | 21.806 | ng/ul | 100 |
| 32) Caprolactam | 11.99 | 113 | 14183 | 14.955 | ng/ul | 100 |
| 33) 4-Chloro-3-methylphenol | 12.33 | 107 | 69433 | 24.259 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.73 | 142 | 126362 | 20.407 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.95 | 142 | 148498 | 20.467 | ng/uL | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.09 | 216 | 90844 | 19.776 | ng/ul | 100 |
| 38) Hexachlorocyclopentadiene | 13.08 | 237 | 64775 | 22.489 | ng/ul | 100 |
| 39) 2,4,6-Trichlorophenol | 13.32 | 196 | 56095 | 20.027 | ng/ul | 100 |
| 40) 2,4,5-Trichlorophenol | 13.39 | 196 | 58323 | 20.319 | ng/ul | 100 |
| 41) 1,1'-Biphenyl | 13.73 | 154 | 173174 | 18.611 | ng/ul | 100 |
| 42) 2-Chloronaphthalene | 13.77 | 162 | 139990 | 18.654 | ng/ul | 100 |
| 43) 2-Nitroaniline | 13.96 | 65 | 51129 | 22.659 | ng/ul | 100 |
| 45) Dimethylphthalate | 14.33 | 163 | 202782 | 20.837 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 14.44 | 165 | 38729 | 18.387 | ng/ul | 100 |
| 48) Acenaphthylene | 14.61 | 152 | 212014 | 19.754 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.77 | 138 | 30601 | 22.238 | ng/ul | 100 |
| 50) Acenaphthene | 14.95 | 153 | 148873 | 19.172 | ng/ul | 100 |
| 51) 2,4-Dinitrophenol | 14.97 | 184 | 17916 | 16.453 | ng/ul | 100 |
| 53) 4-Nitrophenol | 15.05 | 109 | 43644 | 27.961 | ng/ul | 100 |
| 54) Dibenzofuran | 15.28 | 168 | 215480 | 19.069 | ng/ul | 100 |
| 55) 2,4-Dinitrotoluene | 15.22 | 165 | 52916 | 18.289 | ng/ul | 100 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.49 | 232 | 56344 | 18.696 | ng/ul | 100 |
| 57) Diethylphthalate | 15.68 | 149 | 196893 | 20.188 | ng/ul | 100 |
| 59) Fluorene | 15.92 | 166 | 177687 | 19.157 | ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.91 | 204 | 109005 | 20.482 | ng/ul | 100 |
| 61) 4-Nitroaniline | 15.92 | 138 | 35823 | 22.469 | ng/ul | 100 |
| 64) 4,6-Dinitro-2-methylphenol | 15.98 | 198 | 33345 | 15.713 | ng/ul | 100 |
| 65) N-Nitrosodiphenylamine | 16.12 | 169 | 164448 | 19.062 | ng/ul | 100 |
| 66) 4-Bromophenyl-phenylether | 16.81 | 248 | 74975 | 18.936 | ng/ul | 100 |
| 67) Hexachlorobenzene | 16.92 | 284 | 78277 | 18.679 | ng/ul | 100 |
| 68) Atrazine | 17.05 | 200 | 75481 | 20.274 | ng/ul | 100 |
| 69) Pentachlorophenol | 17.26 | 266 | 45346 | 18.974 | ng/ul | 100 |
| 70) Phenanthrene | 17.66 | 178 | 312530 | 18.668 | ng/ul | 100 |
| 72) Anthracene | 17.75 | 178 | 318909 | 18.955 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.69 | 216 | 91575 | 18.263 | ng/uL | 100 |
| 74) Pentachlorobenzene | 15.20 | 250 | 89413 | 18.599 | ng/uL | 100 |
| 75) Carbazole | 18.01 | 167 | 265746 | 20.562 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 18.56 | 149 | 324315 | 18.810 | ng/ul | 100 |
| 77) Fluoranthene | 19.65 | 202 | 429420 | 21.311 | ng/ul | 100 |
| 80) Pyrene | 20.01 | 202 | 418116 | 19.975 | ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.88 | 149 | 147885 | 19.234 | ng/ul | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.78 | 252 | 139499 | 24.923 | ng/ul | 100 |
| 83) Benzo(a)anthracene | 21.88 | 228 | 417546 | 20.150 | ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.78 | 149 | 207720 | 19.475 | ng/ul | 100 |
| 85) Chrysene | 21.95 | 228 | 402561 | 20.192 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 23.06 | 149 | 346784 | 19.285 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 24.21 | 252 | 425484 | 19.940 | ng/ul | 100 |
| 89) Benzo(k)fluoranthene | 24.28 | 252 | 423964 | 20.504 | ng/ul | 100 |
| 91) Benzo(a)pyrene | 25.14 | 252 | 382102 | 19.886 | ng/ul | 100 |
| 92) Indeno(1,2,3-cd)pyrene | 29.20 | 276 | 407676 | 17.072 | ng/ul | 100 |
| 93) Dibenzo(a,h)anthracene | 29.27 | 278 | 379118 | 19.572 | ng/ul | 100 |
| 94) Benzo(g,h,i)perylene | 30.42 | 276 | 384988 | 19.290 | ng/ul | 100 |

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

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