Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092920\
Data File : BG046724.D
Acq On : 29 Sep 2020 18:22
Operator : CG/JU
Sample : SSTD02029
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD02029

**Manual Integrations APPROVED**
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Quant Time: Sep 29 19:04:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 29 19:01:34 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.12 | 152 | 77620 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.93 | 136 | 313352 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.74 | 164 | 229076 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.48 | 188 | 541339 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.76 | 240 | 571620 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.04 | 264 | 586703 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.54 | 96 | 11557 | 7.35 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.26 | 99 | 119238 | 19.58 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.44 | 67 | 75330 | 19.96 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.64 | 132 | 89411 | 18.34 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.81 | 113 | 93406 | 18.18 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.28 | 128 | 40000 | 18.08 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.00 | 143 | 40940 | 18.11 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.53 | 165 | 96867 | 18.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.06 | 131 | 119734 | 20.77 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.14 | 166 | 298383 | 16.70 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.44 | 160 | 350727 | 16.54 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.91 | 143 | 46979 | 16.10 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.73 | 176 | 273384 | 16.81 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.83 | 200 | 38886 | 14.35 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.58 | 188 | 415591 | 16.65 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.86 | 212 | 513815 | 16.99 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.82 | 264 | 537105 | 16.52 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.58 | 88 | 14712 | 7.645 | ng/uL | 100 |
| 4) Benzaldehyde | 7.25 | 77 | 89265 | 20.555 | ng/ul | 100 |
| 6) Phenol | 7.28 | 94 | 126817 | 20.213 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.53 | 93 | 97190 | 18.927 | ng/ul | 100 |
| 10) 2-Chlorophenol | 7.68 | 128 | 88478 | 17.901 | ng/ul | 100 |
| 11) 2-Methylphenol | 8.55 | 108 | 92831 | 18.362 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.64 | 45 | 155328 | 17.898 | ng/ul | 100 |
| 14) Acetophenone | 8.94 | 105 | 154785 | 20.414 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.92 | 70 | 79933 | 19.484 | ng/ul | 100 |
| 16) 4-Methylphenol | 8.87 | 108 | 97932 | 18.081 | ng/ul | 100 |
| 17) Hexachloroethane | 9.21 | 117 | 40936 | 19.518 | ng/ul | 100 |
| 20) Nitrobenzene | 9.32 | 77 | 118222 | 20.799 | ng/ul | 100 |
| 21) Isophorone | 9.85 | 82 | 229208 | 20.634 | ng/ul | 100 |
| 23) 2-Nitrophenol | 10.03 | 139 | 45618 | 18.021 | ng/ul | 100 |
| 24) 2,4-Dimethylphenol | 10.09 | 107 | 112701 | 20.091 | ng/ul | 100 |
| 25) Bis(2-Chloroethoxy)methane | 10.32 | 93 | 134187 | 19.098 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.56 | 162 | 96772 | 19.185 | ng/ul | 100 |
| 28) Naphthalene | 10.98 | 128 | 299485 | 17.859 | ng/ul | 100 |
| 30) 4-Chloroaniline | 11.07 | 127 | 117582 | 21.210 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 11.27 | 225 | 82483 | 21.250 | ng/ul | 100 |
| 32) Caprolactam | 11.82 | 113 | 32800m | 19.290 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 12.18 | 107 | 103090 | 19.933 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.58 | 142 | 215802 | 17.117 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.80 | 142 | 211580 | 16.992 | ng/uL | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 144181 | 18.206 | ng/ul | 100 |
| 38) Hexachlorocyclopentadiene | 12.93 | 237 | 87075 | 19.204 | ng/ul | 100 |
| 39) 2,4,6-Trichlorophenol | 13.17 | 196 | 85861 | 18.547 | ng/ul | 100 |
| 40) 2,4,5-Trichlorophenol | 13.24 | 196 | 90257 | 17.935 | ng/ul | 100 |
| 41) 1,1'-Biphenyl | 13.58 | 154 | 299846 | 16.918 | ng/ul | 100 |
| 42) 2-Chloronaphthalene | 13.62 | 162 | 239226 | 16.917 | ng/ul | 100 |
| 43) 2-Nitroaniline | 13.81 | 65 | 62786 | 18.835 | ng/ul | 100 |
| 45) Dimethylphthalate | 14.19 | 163 | 306315 | 17.096 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 14.31 | 165 | 53421 | 15.634 | ng/ul | 100 |
| 48) Acenaphthylene | 14.46 | 152 | 345908 | 15.944 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.63 | 138 | 54403 | 16.902 | ng/ul | 100 |
| 50) Acenaphthene | 14.81 | 153 | 244343 | 15.643 | ng/ul | 100 |
| 51) 2,4-Dinitrophenol | 14.83 | 184 | 26411 | 17.461 | ng/ul | 100 |
| 53) 4-Nitrophenol | 14.92 | 109 | 47264 | 22.574 | ng/ul | 100 |
| 54) Dibenzofuran | 15.14 | 168 | 359789 | 16.890 | ng/ul | 100 |
| 55) 2,4-Dinitrotoluene | 15.09 | 165 | 74082 | 15.225 | ng/ul | 100 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.36 | 232 | 83483 | 17.791 | ng/ul | 100 |
| 57) Diethylphthalate | 15.55 | 149 | 302330 | 17.082 | ng/ul | 100 |
| 59) Fluorene | 15.79 | 166 | 294505 | 16.304 | ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.77 | 204 | 167701 | 17.671 | ng/ul | 100 |
| 61) 4-Nitroaniline | 15.79 | 138 | 59403 | 16.555 | ng/ul | 100 |
| 64) 4,6-Dinitro-2-methylphenol | 15.85 | 198 | 41767 | 14.473 | ng/ul | 100 |
| 65) N-Nitrosodiphenylamine | 15.99 | 169 | 260484 | 16.549 | ng/ul | 100 |
| 66) 4-Bromophenyl-phenylether | 16.67 | 248 | 114559 | 17.030 | ng/ul | 100 |
| 67) Hexachlorobenzene | 16.79 | 284 | 77146 | 10.159 | ng/ul | 100 |
| 68) Atrazine | 16.93 | 200 | 110060 | 17.491 | ng/ul | 100 |
| 69) Pentachlorophenol | 17.13 | 266 | 67282 | 16.623 | ng/ul | 100 |
| 70) Phenanthrene | 17.53 | 178 | 496774 | 16.443 | ng/ul | 100 |
| 72) Anthracene | 17.62 | 178 | 505024 | 16.777 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.54 | 216 | 143190 | 17.614 | ng/uL | 100 |
| 74) Pentachlorobenzene | 15.06 | 250 | 144694 | 17.625 | ng/uL | 100 |
| 75) Carbazole | 17.88 | 167 | 422485 | 17.490 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 18.44 | 149 | 511290 | 17.202 | ng/ul | 100 |
| 77) Fluoranthene | 19.53 | 202 | 640341 | 19.322 | ng/ul | 100 |
| 80) Pyrene | 19.89 | 202 | 629032 | 16.274 | ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.77 | 149 | 227229 | 17.127 | ng/ul | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.65 | 252 | 241739 | 19.703 | ng/ul | 100 |
| 83) Benzo(a)anthracene | 21.74 | 228 | 649671 | 17.258 | ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.66 | 149 | 332943 | 17.251 | ng/ul | 100 |
| 85) Chrysene | 21.81 | 228 | 627606 | 17.150 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.90 | 149 | 569274 | 18.569 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 24.00 | 252 | 656443 | 16.561 | ng/ul | 100 |
| 89) Benzo(k)fluoranthene | 24.07 | 252 | 648758 | 16.670 | ng/ul | 100 |
| 91) Benzo(a)pyrene | 24.88 | 252 | 606770 | 16.693 | ng/ul | 100 |
| 92) Indeno(1,2,3-cd)pyrene | 28.78 | 276 | 736996m | 16.236 | ng/ul | |
| 93) Dibenzo(a,h)anthracene | 28.85 | 278 | 608253 | 16.379 | ng/ul | 100 |
| 94) Benzo(g,h,i)perylene | 29.94 | 276 | 615545 | 16.043 | ng/ul | 100 |

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

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

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