Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120817\
Data File : BM013280.D
Acq On : 08 Dec 2017 22:05
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 08 23:42:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 16:56:30 2017
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** SSTD02024

**Manual Integrations APPROVED**
Sohil
12/11/2017 6:16:07 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 178415 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.47 | 136 | 755241 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.33 | 164 | 490870 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.09 | 188 | 1222882 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.27 | 240 | 1292692 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.50 | 264 | 1108423 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.24 | 96 | 26207m | 7.28 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.87 | 99 | 288610 | 18.69 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.03 | 67 | 166039 | 18.86 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.23 | 132 | 230362 | 19.10 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.40 | 113 | 249410 | 18.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.85 | 128 | 118890 | 19.85 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.56 | 143 | 133061 | 20.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.10 | 165 | 257369 | 19.48 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.62 | 131 | 304579 | 25.09 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.75 | 166 | 867824 | 19.87 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.03 | 160 | 1068236 | 19.82 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.54 | 143 | 149045 | 19.64 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.33 | 176 | 734410 | 19.55 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 142058 | 18.47 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.18 | 188 | 1206107 | 19.69 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.48 | 212 | 1349446 | 20.95 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.36 | 264 | 1109346 | 19.65 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 32308m | 7.989 | ng/uL | |
| 4) Benzaldehyde | 6.85 | 77 | 150681 | 19.727 | ng/ul | 90 |
| 6) Phenol | 6.90 | 94 | 290033 | 19.006 | ng/ul# | 85 |
| 8) Bis(2-Chloroethyl)ether | 7.13 | 93 | 216154 | 18.526 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.26 | 128 | 226862 | 19.180 | ng/ul | 94 |
| 11) 2-Methylphenol | 8.13 | 108 | 220205 | 18.658 | ng/ul | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.22 | 45 | 236120 | 19.274 | ng/ul# | 78 |
| 14) Acetophenone | 8.51 | 105 | 372648 | 18.581 | ng/ul | 93 |
| 15) N-Nitroso-di-n-propylamine | 8.50 | 70 | 192832 | 19.088 | ng/ul# | 71 |
| 16) 4-Methylphenol | 8.46 | 108 | 236337 | 18.726 | ng/ul | 90 |
| 17) Hexachloroethane | 8.76 | 117 | 99216 | 19.267 | ng/ul# | 79 |
| 20) Nitrobenzene | 8.89 | 77 | 290386 | 19.247 | ng/ul | 98 |
| 21) Isophorone | 9.41 | 82 | 535130 | 20.157 | ng/ul | 96 |
| 23) 2-Nitrophenol | 9.59 | 139 | 133991 | 20.163 | ng/ul# | 79 |
| 24) 2,4-Dimethylphenol | 9.66 | 107 | 282118 | 19.464 | ng/ul# | 85 |
| 25) Bis(2-Chloroethoxy)methane | 9.89 | 93 | 309869 | 19.944 | ng/ul | 96 |
| 27) 2,4-Dichlorophenol | 10.13 | 162 | 247578 | 20.291 | ng/ul# | 92 |
| 28) Naphthalene | 10.52 | 128 | 769891 | 19.814 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.64 | 127 | 291888 | 24.834 | ng/ul | 95 |
| 31) Hexachlorobutadiene | 10.80 | 225 | 171420 | 19.396 | ng/ul | 95 |
| 32) Caprolactam | 11.41 | 113 | 82180m | 21.074 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.77 | 107 | 269495 | 20.135 | ng/ul | 95 |
| 34) 2-Methylnaphthalene | 12.14 | 142 | 574447 | 19.667 | ng/ul | 97 |

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Quant Time: Dec 08 23:42:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
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|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.51 | 216 | 334387 | 18.879 | ng/ul# | 94 |
| 37) Hexachlorocyclopentadiene | 12.49 | 237 | 197663 | 16.955 | ng/ul | 97 |
| 38) 2,4,6-Trichlorophenol | 12.76 | 196 | 221264 | 20.038 | ng/ul | 96 |
| 39) 2,4,5-Trichlorophenol | 12.83 | 196 | 238846 | 20.363 | ng/ul | 96 |
| 40) 1,1'-Biphenyl | 13.16 | 154 | 798907 | 19.257 | ng/ul | 97 |
| 41) 2-Chloronaphthalene | 13.20 | 162 | 629097 | 19.329 | ng/ul | 98 |
| 42) 2-Nitroaniline | 13.42 | 65 | 191854 | 20.120 | ng/ul | 89 |
| 44) Dimethylphthalate | 13.80 | 163 | 843810 | 20.197 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.92 | 165 | 172627 | 20.259 | ng/ul | 98 |
| 47) Acenaphthylene | 14.06 | 152 | 977551 | 19.597 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.24 | 138 | 165676 | 21.753 | ng/ul | 82 |
| 49) Acenaphthene | 14.40 | 153 | 656758 | 19.327 | ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.46 | 184 | 82497 | 17.496 | ng/ul | 96 |
| 52) 4-Nitrophenol | 14.56 | 109 | 146339 | 19.655 | ng/ul | 85 |
| 53) Dibenzofuran | 14.74 | 168 | 976062 | 19.457 | ng/ul | 98 |
| 54) 2,4-Dinitrotoluene | 14.71 | 165 | 252612 | 20.380 | ng/ul | 92 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.97 | 232 | 223909 | 20.820 | ng/ul | 96 |
| 56) Diethylphthalate | 15.17 | 149 | 857074 | 20.454 | ng/ul | 94 |
| 58) Fluorene | 15.39 | 166 | 807132 | 19.449 | ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.39 | 204 | 438002 | 19.445 | ng/ul | 98 |
| 60) 4-Nitroaniline | 15.42 | 138 | 190437 | 21.193 | ng/ul | 99 |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 198 | 136582 | 17.767 | ng/ul# | 90 |
| 64) N-Nitrosodiphenylamine | 15.60 | 169 | 699431 | 19.416 | ng/ul | 97 |
| 65) 4-Bromophenyl-phenylether | 16.28 | 248 | 281043 | 19.550 | ng/ul | 96 |
| 66) Hexachlorobenzene | 16.39 | 284 | 308012 | 19.429 | ng/ul# | 91 |
| 67) Atrazine | 16.56 | 200 | 282104 | 21.217 | ng/ul | 94 |
| 68) Pentachlorophenol | 16.73 | 266 | 174965 | 19.082 | ng/ul | 98 |
| 69) Phenanthrene | 17.13 | 178 | 1331883 | 19.171 | ng/ul | 98 |
| 71) Anthracene | 17.22 | 178 | 1370036 | 19.292 | ng/ul | 99 |
| 72) Carbazole | 17.49 | 167 | 1173666 | 19.215 | ng/ul | 99 |
| 73) Di-n-butylphthalate | 18.06 | 149 | 1491080 | 20.911 | ng/ul | 99 |
| 74) Fluoranthene | 19.14 | 202 | 1628156 | 19.124 | ng/ul# | 93 |
| 77) Pyrene | 19.51 | 202 | 1661103 | 21.151 | ng/ul# | 93 |
| 78) Butylbenzylphthalate | 20.42 | 149 | 682931 | 22.256 | ng/ul | 94 |
| 79) 3,3'-Dichlorobenzidine | 21.19 | 252 | 527657 | 19.418 | ng/ul# | 91 |
| 80) Benzo(a)anthracene | 21.26 | 228 | 1599541 | 19.502 | ng/ul | 98 |
| 81) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 963585 | 20.834 | ng/ul# | 98 |
| 82) Chrysene | 21.31 | 228 | 1479475 | 19.443 | ng/ul | 100 |
| 84) Di-n-octyl phthalate | 22.07 | 149 | 1586218 | 20.124 | ng/ul | 99 |
| 85) Benzo(b)fluoranthene | 22.83 | 252 | 1453074 | 19.447 | ng/ul# | 95 |
| 86) Benzo(k)fluoranthene | 22.87 | 252 | 1429969 | 20.336 | ng/ul# | 98 |
| 88) Benzo(a)pyrene | 23.40 | 252 | 1326382 | 19.761 | ng/ul# | 96 |
| 89) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 1345430 | 20.202 | ng/ul# | 94 |
| 90) Dibenzo(a,h)anthracene | 25.75 | 278 | 1151256 | 20.301 | ng/ul# | 96 |
| 91) Benzo(g,h,i)perylene | 26.42 | 276 | 1045024 | 19.893 | ng/ul# | 97 |

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

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