Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027522.D
Acq On : 19 Jun 2017 10:22
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD02089

Quant Time: Jun 20 00:55:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 19 01:52:26 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.52 | 152 | 33197 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.34 | 136 | 171845 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 15.10 | 164 | 115460 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.85 | 188 | 276265 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 22.23 | 240 | 302715 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.89 | 264 | 285422 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 4.08 | 96 | 6530 | 7.87 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.65 | 99 | 73835 | 20.51 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.83 | 67 | 52164 | 21.26 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 8.05 | 132 | 51364 | 21.59 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.19 | 113 | 60900 | 21.64 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.69 | 128 | 25885 | 20.74 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.41 | 143 | 27993 | 21.11 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.94 | 165 | 53543 | 21.37 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.47 | 131 | 76190 | 24.02 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.49 | 166 | 187610 | 19.41 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.80 | 160 | 229476 | 20.61 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.27 | 143 | 32688 | 17.28 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 16.09 | 176 | 180757 | 19.93 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.20 | 200 | 32343 | 18.85 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.95 | 188 | 263552 | 20.46 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.22 | 212 | 289693 | 19.60 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.63 | 264 | 259991 | 20.23 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 4.11 | 88 | 7325 | 7.62 | ng/uL# | 80 |
| 4) Benzaldehyde | 7.67 | 77 | 53617 | 25.47 | ng/ul | 96 |
| 6) Phenol | 7.68 | 94 | 78507 | 20.81 | ng/ul# | 88 |
| 8) Bis(2-Chloroethyl)ether | 7.92 | 93 | 57922 | 20.88 | ng/ul | 95 |
| 10) 2-Chlorophenol | 8.08 | 128 | 52715 | 22.02 | ng/ul | 95 |
| 11) 2-Methylphenol | 8.93 | 108 | 54994 | 20.17 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 9.03 | 45 | 102394 | 22.17 | ng/ul | 98 |
| 14) Acetophenone | 9.33 | 105 | 92821 | 21.34 | ng/ul# | 90 |
| 15) N-Nitroso-di-n-propylamine | 9.30 | 70 | 55433 | 22.56 | ng/ul | 88 |
| 16) 4-Methylphenol | 9.26 | 108 | 63463 | 21.19 | ng/ul | 97 |
| 17) Hexachloroethane | 9.61 | 117 | 19995 | 21.78 | ng/ul# | 74 |
| 20) Nitrobenzene | 9.72 | 77 | 76261 | 21.69 | ng/ul# | 96 |
| 21) Isophorone | 10.24 | 82 | 145516 | 20.99 | ng/ul# | 96 |
| 23) 2-Nitrophenol | 10.44 | 139 | 31038 | 21.31 | ng/ul# | 84 |
| 24) 2,4-Dimethylphenol | 10.47 | 107 | 74781 | 21.56 | ng/ul | 95 |
| 25) Bis(2-Chloroethoxy)methane | 10.71 | 93 | 85434 | 20.03 | ng/ul# | 93 |
| 27) 2,4-Dichlorophenol | 10.97 | 162 | 53190 | 21.00 | ng/ul | 98 |
| 28) Naphthalene | 11.39 | 128 | 177345 | 20.08 | ng/ul | 98 |
| 30) 4-Chloroaniline | 11.49 | 127 | 73350 | 23.44 | ng/ul | 93 |
| 31) Hexachlorobutadiene | 11.66 | 225 | 33628 | 21.59 | ng/ul | 87 |
| 32) Caprolactam | 12.24 | 113 | 21890 | 19.60 | ng/ul | 93 |
| 33) 4-Chloro-3-methylphenol | 12.57 | 107 | 74298 | 22.27 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.95 | 142 | 133705 | 20.42 | ng/ul | 95 |

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|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.31 | 216 | 71727 | 20.99 | ng/ul | 95 |
| 37) Hexachlorocyclopentadiene | 13.29 | 237 | 32919 | 17.20 | ng/ul# | 97 |
| 38) 2,4,6-Trichlorophenol | 13.54 | 196 | 48817 | 21.58 | ng/ul | 94 |
| 39) 2,4,5-Trichlorophenol | 13.62 | 196 | 51127 | 21.71 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.94 | 154 | 181875 | 19.91 | ng/ul# | 96 |
| 41) 2-Chloronaphthalene | 13.99 | 162 | 138474 | 20.10 | ng/ul | 95 |
| 42) 2-Nitroaniline | 14.19 | 65 | 58181 | 22.45 | ng/ul | 96 |
| 44) Dimethylphthalate | 14.54 | 163 | 186106 | 19.41 | ng/ul | 97 |
| 45) 2,6-Dinitrotoluene | 14.66 | 165 | 38325 | 21.47 | ng/ul | 95 |
| 47) Acenaphthylene | 14.83 | 152 | 227677 | 20.40 | ng/ul | 98 |
| 48) 3-Nitroaniline | 15.00 | 138 | 38368 | 19.81 | ng/ul# | 87 |
| 49) Acenaphthene | 15.17 | 153 | 152395 | 19.58 | ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 15.20 | 184 | 21360 | 17.27 | ng/ul | 95 |
| 52) 4-Nitrophenol | 15.29 | 109 | 30077 | 20.00 | ng/ul# | 58 |
| 53) Dibenzofuran | 15.50 | 168 | 223310 | 19.69 | ng/ul | 98 |
| 54) 2,4-Dinitrotoluene | 15.45 | 165 | 56289 | 20.60 | ng/ul# | 89 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.72 | 232 | 49379 | 21.56 | ng/ul# | 89 |
| 56) Diethylphthalate | 15.89 | 149 | 198882 | 19.63 | ng/ul | 99 |
| 58) Fluorene | 16.15 | 166 | 190397 | 20.23 | ng/ul | 97 |
| 59) 4-Chlorophenyl-phenylether | 16.13 | 204 | 96938 | 20.49 | ng/ul# | 86 |
| 60) 4-Nitroaniline | 16.16 | 138 | 42711 | 18.00 | ng/ul# | 76 |
| 63) 4,6-Dinitro-2-methylphenol | 16.21 | 198 | 34506 | 19.06 | ng/ul# | 98 |
| 64) N-Nitrosodiphenylamine | 16.34 | 169 | 167900 | 21.13 | ng/ul | 95 |
| 65) 4-Bromophenyl-phenylether | 17.03 | 248 | 59772 | 21.36 | ng/ul | 89 |
| 66) Hexachlorobenzene | 17.15 | 284 | 63602 | 21.58 | ng/ul | 95 |
| 67) Atrazine | 17.28 | 200 | 61635 | 20.25 | ng/ul | 96 |
| 68) Pentachlorophenol | 17.49 | 266 | 36859 | 18.84 | ng/ul | 92 |
| 69) Phenanthrene | 17.90 | 178 | 299577 | 20.18 | ng/ul | 97 |
| 71) Anthracene | 17.99 | 178 | 307644 | 20.38 | ng/ul | 99 |
| 72) Carbazole | 18.25 | 167 | 251384 | 19.36 | ng/ul | 99 |
| 73) Di-n-butylphthalate | 18.78 | 149 | 323172 | 20.13 | ng/ul# | 98 |
| 74) Fluoranthene | 19.89 | 202 | 340318 | 20.37 | ng/ul# | 86 |
| 77) Pyrene | 20.25 | 202 | 351552 | 19.65 | ng/ul# | 85 |
| 78) Butylbenzylphthalate | 21.13 | 149 | 140662 | 20.86 | ng/ul | 97 |
| 79) 3,3'-Dichlorobenzidine | 22.10 | 252 | 120206 | 21.57 | ng/ul# | 93 |
| 80) Benzo(a)anthracene | 22.21 | 228 | 353834 | 20.99 | ng/ul | 98 |
| 81) Bis(2-ethylhexyl)phthalate | 22.06 | 149 | 202310 | 20.89 | ng/ul | 96 |
| 82) Chrysene | 22.28 | 228 | 314155 | 20.63 | ng/ul | 99 |
| 84) Di-n-octyl phthalate | 23.42 | 149 | 347132 | 19.41 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 24.71 | 252 | 332695 | 19.57 | ng/ul# | 96 |
| 86) Benzo(k)fluoranthene | 24.79 | 252 | 336819 | 20.61 | ng/ul# | 95 |
| 88) Benzo(a)pyrene | 25.71 | 252 | 333646 | 20.44 | ng/ul# | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 30.08 | 276 | 378585 | 20.32 | ng/ul# | 92 |
| 90) Dibenzo(a,h)anthracene | 30.16 | 278 | 328739 | 20.55 | ng/ul# | 89 |
| 91) Benzo(g,h,i)perylene | 31.40 | 276 | 298032 | 19.54 | ng/ul# | 90 |

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

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