Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101816\
Data File : BG024422.D
Acq On : 18 Oct 2016 16:47
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD02002

Quant Time: Oct 18 19:04:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 18:49:31 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.28 | 152 | 116133 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.11 | 136 | 515406 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.90 | 164 | 424706 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.64 | 188 | 914867 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.94 | 240 | 1038120 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.38 | 264 | 1060722 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.64 | 96 | 17924 | 7.33 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.41 | 99 | 221437 | 20.44 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.60 | 67 | 144094 | 19.67 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.81 | 132 | 157800 | 21.15 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.97 | 113 | 186735 | 21.32 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.46 | 128 | 83207 | 22.75 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.18 | 143 | 93698 | 22.90 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.72 | 165 | 188501 | 21.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.24 | 131 | 217627 | 23.24 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.29 | 166 | 633028 | 21.35 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.59 | 160 | 754591 | 22.21 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.06 | 143 | 106711 | 20.29 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.89 | 176 | 606751 | 21.64 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 125180 | 22.77 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.64 | 188 | 914867 | 22.14 | ng/ul | -0.10 |
| 76) Pyrene-d10 | 20.01 | 212 | 1013396 | 20.91 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.14 | 264 | 1007048 | 21.10 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.68 | 88 | 21942 | 8.28 | ng/uL | 91 |
| 4) Benzaldehyde | 7.41 | 77 | 164227 | 21.54 | ng/ul | 93 |
| 6) Phenol | 7.44 | 94 | 228805 | 20.81 | ng/ul | 96 |
| 8) Bis(2-Chloroethyl)ether | 7.69 | 93 | 168093 | 20.76 | ng/ul | 95 |
| 10) 2-Chlorophenol | 7.84 | 128 | 150776 | 19.94 | ng/ul | 94 |
| 11) 2-Methylphenol | 8.71 | 108 | 167005 | 20.50 | ng/ul | 93 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.81 | 45 | 309735 | 19.16 | ng/ul# | 95 |
| 14) Acetophenone | 9.11 | 105 | 286630 | 22.04 | ng/ul | 94 |
| 15) N-Nitroso-di-n-propylamine | 9.08 | 70 | 157654 | 20.10 | ng/ul | 97 |
| 16) 4-Methylphenol | 9.04 | 108 | 179667 | 20.80 | ng/ul | 97 |
| 17) Hexachloroethane | 9.38 | 117 | 70143 | 20.06 | ng/ul | 89 |
| 20) Nitrobenzene | 9.50 | 77 | 253927 | 21.94 | ng/ul | 95 |
| 21) Isophorone | 10.02 | 82 | 446508 | 21.22 | ng/ul | 97 |
| 23) 2-Nitrophenol | 10.22 | 139 | 102653 | 23.02 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 10.25 | 107 | 231137 | 21.03 | ng/ul | 94 |
| 25) Bis(2-Chloroethoxy)methane | 10.49 | 93 | 242145 | 21.00 | ng/ul# | 89 |
| 27) 2,4-Dichlorophenol | 10.75 | 162 | 182516 | 21.36 | ng/ul | 95 |
| 28) Naphthalene | 11.16 | 128 | 531797 | 21.43 | ng/ul | 97 |
| 30) 4-Chloroaniline | 11.26 | 127 | 217177 | 22.85 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 11.43 | 225 | 156707 | 22.90 | ng/ul | 92 |
| 32) Caprolactam | 12.02 | 113 | 66711 | 20.54 | ng/ul | 86 |
| 33) 4-Chloro-3-methylphenol | 12.35 | 107 | 224622 | 21.48 | ng/ul | 93 |
| 34) 2-Methylnaphthalene | 12.74 | 142 | 413709 | 20.97 | ng/ul | 100 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.10 | 216 | 287175 | 22.93 ng/ul | 96 |
| 37) Hexachlorocyclopentadiene | 13.07 | 237 | 192963 | 21.01 ng/ul# | 98 |
| 38) 2,4,6-Trichlorophenol | 13.34 | 196 | 180197 | 22.19 ng/ul | 92 |
| 39) 2,4,5-Trichlorophenol | 13.40 | 196 | 193684 | 21.70 ng/ul | 96 |
| 40) 1,1'-Biphenyl | 13.74 | 154 | 586870 | 21.34 ng/ul | 97 |
| 41) 2-Chloronaphthalene | 13.78 | 162 | 468850 | 21.75 ng/ul | 98 |
| 42) 2-Nitroaniline | 13.98 | 65 | 193780 | 23.61 ng/ul | 94 |
| 44) Dimethylphthalate | 14.34 | 163 | 617996 | 21.25 ng/ul | 98 |
| 45) 2,6-Dinitrotoluene | 14.46 | 165 | 133932 | 23.74 ng/ul# | 95 |
| 47) Acenaphthylene | 14.62 | 152 | 713875 | 21.84 ng/ul | 96 |
| 48) 3-Nitroaniline | 14.79 | 138 | 124936 | 23.44 ng/ul# | 95 |
| 49) Acenaphthene | 14.96 | 153 | 502812 | 21.52 ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 15.00 | 184 | 81813 | 21.62 ng/ul# | 78 |
| 52) 4-Nitrophenol | 15.08 | 109 | 129127 | 20.27 ng/ul | 94 |
| 53) Dibenzofuran | 15.29 | 168 | 748182 | 21.76 ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 15.25 | 165 | 189133 | 22.62 ng/ul | 94 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.51 | 232 | 196158 | 22.39 ng/ul | 93 |
| 56) Diethylphthalate | 15.69 | 149 | 651311 | 21.25 ng/ul | 98 |
| 58) Fluorene | 15.94 | 166 | 588676 | 20.70 ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.92 | 204 | 341935 | 21.67 ng/ul | 91 |
| 60) 4-Nitroaniline | 15.96 | 138 | 123595 | 20.14 ng/ul | 99 |
| 63) 4,6-Dinitro-2-methylphenol | 16.00 | 198 | 132364 | 22.97 ng/ul# | 93 |
| 64) N-Nitrosodiphenylamine | 16.14 | 169 | 545977 | 21.10 ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.82 | 248 | 234763 | 22.16 ng/ul | 95 |
| 66) Hexachlorobenzene | 16.93 | 284 | 260271 | 22.01 ng/ul | 97 |
| 67) Atrazine | 17.07 | 200 | 233222 | 22.04 ng/ul | 97 |
| 68) Pentachlorophenol | 17.27 | 266 | 152833 | 21.27 ng/ul | 91 |
| 69) Phenanthrene | 17.68 | 178 | 1001041 | 21.67 ng/ul | 98 |
| 71) Anthracene | 17.77 | 178 | 1020458 | 21.70 ng/ul | 99 |
| 72) Carbazole | 18.04 | 167 | 859855 | 23.31 ng/ul | 99 |
| 73) Di-n-butylphthalate | 18.57 | 149 | 1029837 | 22.82 ng/ul | 100 |
| 74) Fluoranthene | 19.68 | 202 | 1167053 | 25.01 ng/ul | 98 |
| 77) Pyrene | 20.03 | 202 | 1173676 | 21.17 ng/ul | 99 |
| 78) Butylbenzylphthalate | 20.90 | 149 | 462425 | 20.76 ng/ul | 99 |
| 79) 3,3'-Dichlorobenzidine | 21.82 | 252 | 430316 | 22.26 ng/ul# | 92 |
| 80) Benzo(a)anthracene | 21.91 | 228 | 1234850 | 21.44 ng/ul | 98 |
| 81) Bis(2-ethylhexyl)phthalate | 21.78 | 149 | 647746 | 20.56 ng/ul | 98 |
| 82) Chrysene | 21.99 | 228 | 1170778 | 21.35 ng/ul | 99 |
| 84) Di-n-octyl phthalate | 23.07 | 149 | 1087674 | 21.86 ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 24.28 | 252 | 1248414 | 21.20 ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 24.35 | 252 | 1195253 | 21.07 ng/ul | 99 |
| 88) Benzo(a)pyrene | 25.21 | 252 | 1195908 | 21.32 ng/ul | 100 |
| 89) Indeno(1,2,3-cd)pyrene | 29.34 | 276 | 1464877 | 22.05 ng/ul | 99 |
| 90) Dibenzo(a,h)anthracene | 29.40 | 278 | 1214821 | 21.62 ng/ul | 98 |
| 91) Benzo(g,h,i)perylene | 30.58 | 276 | 1204772 | 21.56 ng/ul | 98 |

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

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