Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027946.D
Acq On : 17 Jul 2017 13:04
Operator : SJ/JU
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD04055

Quant Time: Jul 17 14:13:49 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 17 13:11:04 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.37 | 152 | 55851 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.20 | 136 | 239998 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.98 | 164 | 159304 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.73 | 188 | 390139 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 22.07 | 240 | 485274 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.59 | 264 | 438108 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.87 | 96 | 16589 | 11.88 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.52 | 99 | 195700 | 32.31 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.69 | 67 | 111156 | 26.93 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.91 | 132 | 153686 | 38.41 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.06 | 113 | 159944 | 33.78 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.54 | 128 | 74267 | 42.60 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.26 | 143 | 91777 | 49.55 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.81 | 165 | 177751 | 50.80 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.33 | 131 | 166591 | 37.61 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.37 | 166 | 559821 | 41.97 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.68 | 160 | 647179 | 42.13 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.17 | 143 | 79069 | 30.30 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.97 | 176 | 519626 | 41.53 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.08 | 200 | 109500 | 45.20 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.83 | 188 | 763530 | 41.97 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.10 | 212 | 885222 | 37.35 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.34 | 264 | 856257 | 43.40 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.90 | 88 | 17548 | 10.855 | ng/uL | 92 |
| 4) Benzaldehyde | 7.51 | 77 | 122306 | 34.537 | ng/ul# | 78 |
| 6) Phenol | 7.54 | 94 | 185941 | 29.297 | ng/ul# | 87 |
| 8) Bis(2-Chloroethyl)ether | 7.78 | 93 | 131870 | 28.252 | ng/ul | 94 |
| 10) 2-Chlorophenol | 7.94 | 128 | 139836 | 34.714 | ng/ul# | 86 |
| 11) 2-Methylphenol | 8.80 | 108 | 136176 | 29.680 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.89 | 45 | 253687 | 32.652 | ng/ul | 96 |
| 14) Acetophenone | 9.19 | 105 | 224962 | 30.739 | ng/ul# | 84 |
| 15) N-Nitroso-di-n-propylamine | 9.17 | 70 | 118639 | 28.694 | ng/ul | 98 |
| 16) 4-Methylphenol | 9.13 | 108 | 150939 | 29.957 | ng/ul | 98 |
| 17) Hexachloroethane | 9.46 | 117 | 56360 | 36.494 | ng/ul# | 84 |
| 20) Nitrobenzene | 9.58 | 77 | 169887 | 34.598 | ng/ul# | 87 |
| 21) Isophorone | 10.10 | 82 | 315070 | 32.537 | ng/ul# | 93 |
| 23) 2-Nitrophenol | 10.30 | 139 | 88060 | 43.295 | ng/ul# | 74 |
| 24) 2,4-Dimethylphenol | 10.34 | 107 | 177567 | 36.649 | ng/ul# | 89 |
| 25) Bis(2-Chloroethoxy)methane | 10.58 | 93 | 183921 | 30.875 | ng/ul# | 95 |
| 27) 2,4-Dichlorophenol | 10.83 | 162 | 167216 | 47.277 | ng/ul# | 94 |
| 28) Naphthalene | 11.24 | 128 | 464285 | 37.644 | ng/ul | 98 |
| 30) 4-Chloroaniline | 11.35 | 127 | 155485 | 35.570 | ng/ul | 93 |
| 31) Hexachlorobutadiene | 11.52 | 225 | 130517 | 59.988 | ng/ul | 92 |
| 32) Caprolactam | 12.11 | 113 | 35475 | 22.742 | ng/ul | 99 |
| 33) 4-Chloro-3-methylphenol | 12.45 | 107 | 157793 | 33.872 | ng/ul# | 78 |
| 34) 2-Methylnaphthalene | 12.82 | 142 | 375115 | 41.014 | ng/ul | 94 |

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|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.19 | 216 | 249882 | 52.989 | ng/ul# | 93 |
| 37) Hexachlorocyclopentadiene | 13.16 | 237 | 145751 | 55.187 | ng/ul | 96 |
| 38) 2,4,6-Trichlorophenol | 13.42 | 196 | 157294 | 50.405 | ng/ul | 97 |
| 39) 2,4,5-Trichlorophenol | 13.50 | 196 | 163517 | 50.323 | ng/ul | 95 |
| 40) 1,1'-Biphenyl | 13.82 | 154 | 499852 | 39.663 | ng/ul | 96 |
| 41) 2-Chloronaphthalene | 13.86 | 162 | 398801 | 41.959 | ng/ul | 97 |
| 42) 2-Nitroaniline | 14.06 | 65 | 116920 | 32.696 | ng/ul# | 86 |
| 44) Dimethylphthalate | 14.42 | 163 | 509917 | 38.544 | ng/ul | 98 |
| 45) 2,6-Dinitrotoluene | 14.55 | 165 | 107863 | 43.796 | ng/ul# | 80 |
| 47) Acenaphthylene | 14.71 | 152 | 634080 | 41.185 | ng/ul | 98 |
| 48) 3-Nitroaniline | 14.89 | 138 | 93360 | 34.931 | ng/ul# | 83 |
| 49) Acenaphthene | 15.04 | 153 | 425073 | 39.588 | ng/ul | 95 |
| 50) 2,4-Dinitrophenol | 15.09 | 184 | 60724 | 35.587 | ng/ul# | 75 |
| 52) 4-Nitrophenol | 15.18 | 109 | 65403 | 31.516 | ng/ul# | 68 |
| 53) Dibenzofuran | 15.38 | 168 | 622313 | 39.765 | ng/ul | 92 |
| 54) 2,4-Dinitrotoluene | 15.33 | 165 | 154177 | 40.886 | ng/ul# | 78 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.60 | 232 | 157359 | 49.794 | ng/ul | 92 |
| 56) Diethylphthalate | 15.78 | 149 | 507231 | 36.280 | ng/ul | 95 |
| 58) Fluorene | 16.03 | 166 | 529491 | 40.770 | ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 16.01 | 204 | 295343 | 45.244 | ng/ul# | 82 |
| 60) 4-Nitroaniline | 16.05 | 138 | 105793 | 32.318 | ng/ul# | 66 |
| 63) 4,6-Dinitro-2-methylphenol | 16.10 | 198 | 106571 | 41.692 | ng/ul# | 86 |
| 64) N-Nitrosodiphenylamine | 16.23 | 169 | 439384 | 39.152 | ng/ul | 94 |
| 65) 4-Bromophenyl-phenylether | 16.91 | 248 | 202647 | 51.282 | ng/ul | 92 |
| 66) Hexachlorobenzene | 17.04 | 284 | 206600 | 49.631 | ng/ul | 93 |
| 67) Atrazine | 17.17 | 200 | 186886 | 43.477 | ng/ul | 98 |
| 68) Pentachlorophenol | 17.38 | 266 | 111102 | 40.218 | ng/ul | 94 |
| 69) Phenanthrene | 17.77 | 178 | 804749 | 38.384 | ng/ul | 99 |
| 71) Anthracene | 17.86 | 178 | 843186 | 39.552 | ng/ul | 99 |
| 72) Carbazole | 18.14 | 167 | 683314 | 37.268 | ng/ul | 98 |
| 73) Di-n-butylphthalate | 18.66 | 149 | 781509 | 34.468 | ng/ul# | 97 |
| 74) Fluoranthene | 19.77 | 202 | 1011014 | 42.859 | ng/ul | 98 |
| 77) Pyrene | 20.13 | 202 | 1041732 | 36.317 | ng/ul | 97 |
| 78) Butylbenzylphthalate | 21.00 | 149 | 352594 | 32.617 | ng/ul# | 84 |
| 79) 3,3'-Dichlorobenzidine | 21.94 | 252 | 336189 | 37.636 | ng/ul | 95 |
| 80) Benzo(a)anthracene | 22.04 | 228 | 1071048 | 39.633 | ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.90 | 149 | 503136 | 32.406 | ng/ul | 95 |
| 82) Chrysene | 22.11 | 228 | 963011 | 39.457 | ng/ul | 98 |
| 84) Di-n-octyl phthalate | 23.22 | 149 | 854270 | 31.120 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 24.46 | 252 | 1038613 | 39.805 | ng/ul# | 99 |
| 86) Benzo(k)fluoranthene | 24.53 | 252 | 1030971 | 41.107 | ng/ul# | 98 |
| 88) Benzo(a)pyrene | 25.42 | 252 | 1012475 | 40.414 | ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 29.63 | 276 | 1159887 | 40.557 | ng/ul# | 95 |
| 90) Dibenzo(a,h)anthracene | 29.70 | 278 | 983197 | 40.041 | ng/ul# | 95 |
| 91) Benzo(g,h,i)perylene | 30.90 | 276 | 945124 | 40.363 | ng/ul# | 96 |

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

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