Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112316\
Data File : BG024908.D
Acq On : 23 Nov 2016 14:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD02032

Quant Time: Nov 23 14:51:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 23 14:45:27 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.25 | 152 | 99243 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.08 | 136 | 447540 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.87 | 164 | 374754 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.61 | 188 | 862411 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.91 | 240 | 1049590 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.33 | 264 | 1078465 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.61 | 96 | 16409 | 7.84 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.39 | 99 | 191495 | 20.60 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.56 | 67 | 118953 | 21.16 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.78 | 132 | 138928 | 21.48 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.95 | 113 | 165815 | 21.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.42 | 128 | 69067 | 19.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.15 | 143 | 87106 | 21.14 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.69 | 165 | 169070 | 20.33 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.21 | 131 | 200004 | 21.76 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.26 | 166 | 567245 | 20.59 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.57 | 160 | 632729 | 20.87 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.05 | 143 | 98579 | 20.34 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.86 | 176 | 524123 | 20.57 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 126234 | 20.62 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.71 | 188 | 812434 | 20.71 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.98 | 212 | 984429 | 21.06 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.09 | 264 | 1005741 | 20.97 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.64 | 88 | 18438 | 7.44 | ng/uL# | 77 |
| 4) Benzaldehyde | 7.38 | 77 | 143892 | 24.44 | ng/ul | 96 |
| 6) Phenol | 7.42 | 94 | 196900 | 20.82 | ng/ul | 94 |
| 8) Bis(2-Chloroethyl)ether | 7.66 | 93 | 143854 | 21.40 | ng/ul | 93 |
| 10) 2-Chlorophenol | 7.81 | 128 | 132672 | 21.06 | ng/ul | 90 |
| 11) 2-Methylphenol | 8.68 | 108 | 140571 | 20.12 | ng/ul | 91 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.77 | 45 | 236427 | 20.60 | ng/ul | 98 |
| 14) Acetophenone | 9.08 | 105 | 238533 | 20.81 | ng/ul | 95 |
| 15) N-Nitroso-di-n-propylamine | 9.05 | 70 | 135914 | 20.01 | ng/ul# | 92 |
| 16) 4-Methylphenol | 9.01 | 108 | 161398 | 21.04 | ng/ul | 90 |
| 17) Hexachloroethane | 9.34 | 117 | 59157 | 20.61 | ng/ul | 95 |
| 20) Nitrobenzene | 9.47 | 77 | 211640 | 20.52 | ng/ul | 98 |
| 21) Isophorone | 9.98 | 82 | 394611 | 20.17 | ng/ul | 95 |
| 23) 2-Nitrophenol | 10.18 | 139 | 90834 | 20.85 | ng/ul# | 87 |
| 24) 2,4-Dimethylphenol | 10.22 | 107 | 197231 | 19.58 | ng/ul | 97 |
| 25) Bis(2-Chloroethoxy)methane | 10.46 | 93 | 207106 | 20.09 | ng/ul# | 92 |
| 27) 2,4-Dichlorophenol | 10.72 | 162 | 164429 | 20.22 | ng/ul | 93 |
| 28) Naphthalene | 11.13 | 128 | 444428 | 20.33 | ng/ul | 98 |
| 30) 4-Chloroaniline | 11.24 | 127 | 190306 | 21.15 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 11.39 | 225 | 135719 | 21.00 | ng/ul | 96 |
| 32) Caprolactam | 11.99 | 113 | 63928 | 20.46 | ng/ul | 95 |
| 33) 4-Chloro-3-methylphenol | 12.33 | 107 | 202908 | 20.04 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.71 | 142 | 357838 | 20.10 | ng/ul | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.07 | 216 | 244760 | 20.67 ng/ul | 96 |
| 37) Hexachlorocyclopentadiene | 13.04 | 237 | 148037 | 20.36 ng/ul | 95 |
| 38) 2,4,6-Trichlorophenol | 13.31 | 196 | 161282 | 21.24 ng/ul | 90 |
| 39) 2,4,5-Trichlorophenol | 13.38 | 196 | 173367 | 20.15 ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.71 | 154 | 498496 | 20.69 ng/ul | 97 |
| 41) 2-Chloronaphthalene | 13.75 | 162 | 390882 | 20.55 ng/ul | 96 |
| 42) 2-Nitroaniline | 13.96 | 65 | 159927 | 20.64 ng/ul | 97 |
| 44) Dimethylphthalate | 14.31 | 163 | 546614 | 20.26 ng/ul | 98 |
| 45) 2,6-Dinitrotoluene | 14.44 | 165 | 120416 | 20.46 ng/ul | 96 |
| 47) Acenaphthylene | 14.59 | 152 | 605534 | 20.65 ng/ul | 98 |
| 48) 3-Nitroaniline | 14.78 | 138 | 117480 | 22.41 ng/ul# | 94 |
| 49) Acenaphthene | 14.93 | 153 | 419723 | 20.82 ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.98 | 184 | 81296 | 20.15 ng/ul# | 82 |
| 52) 4-Nitrophenol | 15.06 | 109 | 117212 | 20.73 ng/ul | 92 |
| 53) Dibenzofuran | 15.26 | 168 | 650889 | 20.81 ng/ul | 98 |
| 54) 2,4-Dinitrotoluene | 15.23 | 165 | 178947 | 20.57 ng/ul# | 83 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.48 | 232 | 178085 | 20.38 ng/ul | 96 |
| 56) Diethylphthalate | 15.66 | 149 | 557267 | 20.18 ng/ul | 95 |
| 58) Fluorene | 15.91 | 166 | 525132 | 20.46 ng/ul | 97 |
| 59) 4-Chlorophenyl-phenylether | 15.89 | 204 | 292432 | 20.56 ng/ul | 87 |
| 60) 4-Nitroaniline | 15.93 | 138 | 120024 | 20.89 ng/ul | 95 |
| 63) 4,6-Dinitro-2-methylphenol | 15.99 | 198 | 124397 | 20.11 ng/ul# | 92 |
| 64) N-Nitrosodiphenylamine | 16.11 | 169 | 493464 | 20.50 ng/ul | 96 |
| 65) 4-Bromophenyl-phenylether | 16.79 | 248 | 219736 | 20.56 ng/ul | 96 |
| 66) Hexachlorobenzene | 16.91 | 284 | 247282 | 20.60 ng/ul | 93 |
| 67) Atrazine | 17.04 | 200 | 226940 | 20.85 ng/ul | 94 |
| 68) Pentachlorophenol | 17.26 | 266 | 148535 | 21.28 ng/ul | 90 |
| 69) Phenanthrene | 17.65 | 178 | 897564 | 20.23 ng/ul | 98 |
| 71) Anthracene | 17.74 | 178 | 918421 | 20.12 ng/ul | 99 |
| 72) Carbazole | 18.01 | 167 | 798575 | 21.16 ng/ul | 99 |
| 73) Di-n-butylphthalate | 18.54 | 149 | 960301 | 20.45 ng/ul | 98 |
| 74) Fluoranthene | 19.65 | 202 | 1137480 | 22.23 ng/ul | 99 |
| 77) Pyrene | 20.01 | 202 | 1140936 | 20.97 ng/ul | 98 |
| 78) Butylbenzylphthalate | 20.87 | 149 | 446861 | 20.93 ng/ul | 94 |
| 79) 3,3'-Dichlorobenzidine | 21.79 | 252 | 432945 | 21.90 ng/ul | 90 |
| 80) Benzo(a)anthracene | 21.89 | 228 | 1215246 | 21.07 ng/ul | 100 |
| 81) Bis(2-ethylhexyl)phthalate | 21.74 | 149 | 614525 | 20.49 ng/ul | 100 |
| 82) Chrysene | 21.96 | 228 | 1138105 | 20.93 ng/ul | 98 |
| 84) Di-n-octyl phthalate | 23.01 | 149 | 1057631 | 21.89 ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 24.22 | 252 | 1182723 | 20.56 ng/ul | 97 |
| 86) Benzo(k)fluoranthene | 24.30 | 252 | 1168402 | 21.22 ng/ul | 97 |
| 88) Benzo(a)pyrene | 25.16 | 252 | 1164599 | 20.83 ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 29.25 | 276 | 1458131 | 21.27 ng/ul | 99 |
| 90) Dibenzo(a,h)anthracene | 29.32 | 278 | 1204233 | 21.05 ng/ul | 97 |
| 91) Benzo(g,h,i)perylene | 30.49 | 276 | 1180497 | 20.91 ng/ul | 98 |

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

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