Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112316\
Data File : BG024905.D
Acq On : 23 Nov 2016 12:19
Operator : UM/SJ
Sample : SSTD04029
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 23 13:52:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 23 13:49:49 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.25 | 152 | 73328 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.08 | 136 | 327877 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.87 | 164 | 284327 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.71 | 188 | 1148152 | 20.00 | ng/ul | 0.10 |
| 75) Chrysene-d12 | 22.05 | 240 | 1061 | 20.00 | ng/ul | 0.14 |
| 83) Perylene-d12 | 25.33 | 264 | 635004 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.61 | 96 | 23758 | 16.79 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.39 | 99 | 279775 | 44.53 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.56 | 67 | 163947 | 41.48 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.78 | 132 | 191240 | 42.45 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.95 | 113 | 235155 | 44.58 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.42 | 128 | 101436 | 40.86 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.15 | 143 | 123578 | 41.70 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.68 | 165 | 247159 | 41.90 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.21 | 131 | 283113 | 42.96 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.26 | 166 | 809374 | 39.04 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.57 | 160 | 902934 | 39.97 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.06 | 143 | 143897 | 39.00 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.86 | 176 | 756028 | 38.75 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 177159 | 22.44 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.71 | 188 | 1148044 | 22.64 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.24 | 212 | 3195 | 69.45 | ng/ul | 0.26 |
| 87) Benzo(a)pyrene-d12 | 25.09 | 264 | 1455452 | 52.36 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.65 | 88 | 27408 | 15.45 | ng/uL | 96 |
| 4) Benzaldehyde | 7.38 | 77 | 208304 | 51.47 | ng/ul | 97 |
| 6) Phenol | 7.42 | 94 | 282177 | 43.00 | ng/ul | 95 |
| 8) Bis(2-Chloroethyl)ether | 7.66 | 93 | 196877 | 42.15 | ng/ul | 94 |
| 10) 2-Chlorophenol | 7.81 | 128 | 187024 | 42.92 | ng/ul | 93 |
| 11) 2-Methylphenol | 8.68 | 108 | 210105 | 43.71 | ng/ul | 95 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.78 | 45 | 345361 | 43.55 | ng/ul# | 97 |
| 14) Acetophenone | 9.08 | 105 | 339491 | 42.74 | ng/ul# | 94 |
| 15) N-Nitroso-di-n-propylamine | 9.05 | 70 | 202068 | 44.76 | ng/ul | 91 |
| 16) 4-Methylphenol | 9.02 | 108 | 223229 | 42.92 | ng/ul | 96 |
| 17) Hexachloroethane | 9.35 | 117 | 87796 | 44.02 | ng/ul | 87 |
| 20) Nitrobenzene | 9.47 | 77 | 297726 | 40.39 | ng/ul | 97 |
| 21) Isophorone | 9.99 | 82 | 567956 | 41.31 | ng/ul | 99 |
| 23) 2-Nitrophenol | 10.19 | 139 | 121108 | 40.45 | ng/ul | 93 |
| 24) 2,4-Dimethylphenol | 10.23 | 107 | 289020 | 40.65 | ng/ul | 95 |
| 25) Bis(2-Chloroethoxy)methane | 10.46 | 93 | 299664 | 41.51 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.71 | 162 | 229890 | 40.67 | ng/ul | 96 |
| 28) Naphthalene | 11.13 | 128 | 627186 | 39.88 | ng/ul | 98 |
| 30) 4-Chloroaniline | 11.24 | 127 | 276049 | 43.42 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 11.40 | 225 | 187446 | 37.77 | ng/ul | 92 |
| 32) Caprolactam | 12.00 | 113 | 67905 | 30.47 | ng/ul | 83 |
| 33) 4-Chloro-3-methylphenol | 12.33 | 107 | 292350 | 42.71 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.71 | 142 | 506505 | 40.93 | ng/ul | 86 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.08 | 216 | 351599 | 38.11 ng/ul | 96 |
| 37) Hexachlorocyclopentadiene | 13.05 | 237 | 218141 | 36.69 ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 13.31 | 196 | 233077 | 41.53 ng/ul | 89 |
| 39) 2,4,5-Trichlorophenol | 13.38 | 196 | 252667 | 41.43 ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.70 | 154 | 698320 | 38.16 ng/ul | 98 |
| 41) 2-Chloronaphthalene | 13.76 | 162 | 554306 | 38.99 ng/ul | 98 |
| 42) 2-Nitroaniline | 13.96 | 65 | 227944 | 40.42 ng/ul | 96 |
| 44) Dimethylphthalate | 14.31 | 163 | 783102 | 39.37 ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 14.45 | 165 | 173136 | 41.42 ng/ul# | 93 |
| 47) Acenaphthylene | 14.60 | 152 | 861463 | 39.39 ng/ul | 98 |
| 48) 3-Nitroaniline | 14.77 | 138 | 164137 | 42.49 ng/ul# | 84 |
| 49) Acenaphthene | 14.93 | 153 | 594649 | 38.41 ng/ul | 95 |
| 50) 2,4-Dinitrophenol | 14.98 | 184 | 120436 | 40.26 ng/ul | 83 |
| 52) 4-Nitrophenol | 15.07 | 109 | 170142 | 38.52 ng/ul | 93 |
| 53) Dibenzofuran | 15.27 | 168 | 911267 | 38.48 ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 15.23 | 165 | 257817 | 40.78 ng/ul# | 93 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.49 | 232 | 257875 | 40.64 ng/ul# | 95 |
| 56) Diethylphthalate | 15.66 | 149 | 827988 | 39.19 ng/ul | 96 |
| 58) Fluorene | 15.91 | 166 | 753656 | 39.20 ng/ul | 96 |
| 59) 4-Chlorophenyl-phenylether | 15.90 | 204 | 422902 | 38.90 ng/ul# | 85 |
| 60) 4-Nitroaniline | 15.94 | 138 | 173455 | 39.47 ng/ul | 97 |
| 63) 4,6-Dinitro-2-methylphenol | 16.10 | 198 | 505 | 0.06 ng/ul# | 1 |
| 64) N-Nitrosodiphenylamine | 16.11 | 169 | 706976 | 22.79 ng/ul | 97 |
| 65) 4-Bromophenyl-phenylether | 16.79 | 248 | 316623 | 22.68 ng/ul | 94 |
| 66) Hexachlorobenzene | 16.91 | 284 | 353781 | 22.90 ng/ul | 95 |
| 67) Atrazine | 17.05 | 200 | 320300 | 22.02 ng/ul | 97 |
| 68) Pentachlorophenol | 17.36 | 266 | 581 | 0.06 ng/ul | 93 |
| 69) Phenanthrene | 17.75 | 178 | 1319321 | 23.05 ng/ul | 98 |
| 71) Anthracene | 17.75 | 178 | 1318549 | 22.27 ng/ul | 98 |
| 72) Carbazole | 18.02 | 167 | 1151465 | 23.71 ng/ul | 96 |
| 73) Di-n-butylphthalate | 18.53 | 149 | 1373542 | 22.45 ng/ul | 99 |
| 74) Fluoranthene | 19.65 | 202 | 1574881 | 23.69 ng/ul | 99 |
| 77) Pyrene | 20.01 | 202 | 1590847 | 30506.66 ng/ul | 99 |
| 78) Butylbenzylphthalate | 20.87 | 149 | 638692 | 29921.54 ng/ul | 94 |
| 79) 3,3'-Dichlorobenzidine | 21.79 | 252 | 634068 | 31077.08 ng/ul | 96 |
| 80) Benzo(a)anthracene | 21.95 | 228 | 1617532 | 28015.07 ng/ul | 93 |
| 81) Bis(2-ethylhexyl)phthalate | 21.74 | 149 | 885811 | 30332.39 ng/ul | 97 |
| 82) Chrysene | 21.95 | 228 | 1617532 | 29879.83 ng/ul | 97 |
| 84) Di-n-octyl phthalate | 23.01 | 149 | 1523502 | 56.68 ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 24.23 | 252 | 1738659 | 51.97 ng/ul | 98 |
| 86) Benzo(k)fluoranthene | 24.30 | 252 | 1632455 | 51.37 ng/ul | 98 |
| 88) Benzo(a)pyrene | 25.17 | 252 | 1666857 | 51.48 ng/ul | 98 |
| 89) Indeno(1,2,3-cd)pyrene | 29.27 | 276 | 2069885 | 51.13 ng/ul | 96 |
| 90) Dibenzo(a,h)anthracene | 29.33 | 278 | 1770034 | 52.48 ng/ul | 98 |
| 91) Benzo(g,h,i)perylene | 30.50 | 276 | 1722542 | 51.67 ng/ul | 97 |

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

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