Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061915\
Data File : BG017737.D
Acq On : 19 Jun 2015 19:42
Operator : TP/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD02020

Quant Time: Jun 20 02:50:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG061915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 19 17:30:37 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 65703 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.39 | 136 | 311765 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.27 | 164 | 190866 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.02 | 188 | 414970 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.21 | 240 | 418148 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.45 | 264 | 407045 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.14 | 96 | 12258 | 8.33 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 113862 | 20.00 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.96 | 67 | 67839 | 20.58 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.15 | 132 | 93672 | 20.03 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.32 | 113 | 93018 | 19.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.76 | 128 | 48017 | 20.02 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.48 | 143 | 47015 | 19.12 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.02 | 165 | 85421 | 18.97 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.53 | 131 | 134707 | 21.94 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.68 | 166 | 251360 | 19.36 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.96 | 160 | 340260 | 19.94 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.47 | 143 | 52446 | 18.78 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.26 | 176 | 248164 | 19.50 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 41565 | 18.86 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.11 | 188 | 362678 | 18.95 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.42 | 212 | 398249 | 19.35 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.30 | 264 | 343744 | 19.00 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 13048 | 7.05 | ng/uL# | 95 |
| 4) Benzaldehyde | 6.76 | 77 | 81698 | 23.82 | ng/ul | 94 |
| 6) Phenol | 6.81 | 94 | 120427 | 19.84 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.05 | 93 | 90484 | 20.34 | ng/ul | 95 |
| 10) 2-Chlorophenol | 7.18 | 128 | 92898 | 19.83 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.06 | 108 | 92026 | 20.03 | ng/ul | 97 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.15 | 45 | 143210 | 20.72 | ng/ul | 95 |
| 14) Acetophenone | 8.43 | 105 | 139654 | 20.11 | ng/ul | 93 |
| 15) N-Nitroso-di-n-propylamine | 8.42 | 70 | 84253 | 20.24 | ng/ul# | 89 |
| 16) 4-Methylphenol | 8.38 | 108 | 99647 | 19.56 | ng/ul | 98 |
| 17) Hexachloroethane | 8.68 | 117 | 39990 | 20.06 | ng/ul# | 68 |
| 20) Nitrobenzene | 8.81 | 77 | 115887 | 19.71 | ng/ul | 97 |
| 21) Isophorone | 9.33 | 82 | 226678 | 20.46 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.51 | 139 | 52103 | 19.66 | ng/ul | 93 |
| 24) 2,4-Dimethylphenol | 9.58 | 107 | 111465 | 19.62 | ng/ul | 90 |
| 25) Bis(2-Chloroethoxy)methane | 9.82 | 93 | 120851 | 19.87 | ng/ul# | 97 |
| 27) 2,4-Dichlorophenol | 10.05 | 162 | 84911 | 19.44 | ng/ul | 93 |
| 28) Naphthalene | 10.45 | 128 | 307526 | 19.11 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.56 | 127 | 132876 | 22.05 | ng/ul | 96 |
| 31) Hexachlorobutadiene | 10.73 | 225 | 49368 | 19.23 | ng/ul | 97 |
| 32) Caprolactam | 11.31 | 113 | 43094 | 19.60 | ng/ul | 88 |
| 33) 4-Chloro-3-methylphenol | 11.69 | 107 | 105186 | 19.94 | ng/ul | 90 |
| 34) 2-Methylnaphthalene | 12.07 | 142 | 222934 | 19.62 | ng/ul | 93 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.44 | 216 | 97089 | 19.52 ng/ul# | 94 |
| 37) Hexachlorocyclopentadiene | 12.43 | 237 | 58513 | 18.98 ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.68 | 196 | 63348 | 19.80 ng/ul | 98 |
| 39) 2,4,5-Trichlorophenol | 12.75 | 196 | 67939 | 19.05 ng/ul | 94 |
| 40) 1,1'-Biphenyl | 13.09 | 154 | 282952 | 19.94 ng/ul# | 97 |
| 41) 2-Chloronaphthalene | 13.13 | 162 | 210387 | 19.31 ng/ul | 97 |
| 42) 2-Nitroaniline | 13.34 | 65 | 74221 | 21.13 ng/ul | 95 |
| 44) Dimethylphthalate | 13.73 | 163 | 280229 | 19.82 ng/ul# | 99 |
| 45) 2,6-Dinitrotoluene | 13.85 | 165 | 58829 | 20.76 ng/ul | 99 |
| 47) Acenaphthylene | 13.99 | 152 | 362580 | 19.64 ng/ul | 98 |
| 48) 3-Nitroaniline | 14.18 | 138 | 66850 | 21.73 ng/ul | 87 |
| 49) Acenaphthene | 14.33 | 153 | 244763 | 19.71 ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 14.38 | 184 | 25069 | 18.85 ng/ul | 89 |
| 52) 4-Nitrophenol | 14.48 | 109 | 42897 | 19.74 ng/ul# | 74 |
| 53) Dibenzofuran | 14.67 | 168 | 329917 | 19.64 ng/ul | 96 |
| 54) 2,4-Dinitrotoluene | 14.63 | 165 | 81140 | 20.77 ng/ul# | 86 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.89 | 232 | 59225 | 20.68 ng/ul# | 87 |
| 56) Diethylphthalate | 15.11 | 149 | 300295 | 19.60 ng/ul | 98 |
| 58) Fluorene | 15.32 | 166 | 292588 | 19.79 ng/ul | 98 |
| 59) 4-Chlorophenyl-phenylether | 15.32 | 204 | 135746 | 19.47 ng/ul | 94 |
| 60) 4-Nitroaniline | 15.34 | 138 | 73911 | 20.49 ng/ul# | 78 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 198 | 44682 | 19.11 ng/ul# | 89 |
| 64) N-Nitrosodiphenylamine | 15.53 | 169 | 246408 | 19.38 ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.21 | 248 | 78350 | 19.02 ng/ul | 91 |
| 66) Hexachlorobenzene | 16.32 | 284 | 81636 | 18.80 ng/ul# | 86 |
| 67) Atrazine | 16.50 | 200 | 91365 | 19.08 ng/ul# | 89 |
| 68) Pentachlorophenol | 16.67 | 266 | 48803 | 19.92 ng/ul | 96 |
| 69) Phenanthrene | 17.06 | 178 | 436652 | 19.04 ng/ul | 98 |
| 71) Anthracene | 17.15 | 178 | 451941 | 19.18 ng/ul | 100 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.05 | 216 | 96287 | 19.17 ng/uL | 98 |
| 73) Pentachlorobenzene | 14.59 | 250 | 93140 | 18.46 ng/uL | 97 |
| 74) Carbazole | 17.43 | 167 | 423726 | 20.44 ng/ul | 97 |
| 75) Di-n-butylphthalate | 18.01 | 149 | 557298 | 19.59 ng/ul | 99 |
| 76) Fluoranthene | 19.09 | 202 | 494774 | 21.01 ng/ul# | 86 |
| 79) Pyrene | 19.45 | 202 | 520875 | 19.69 ng/ul# | 81 |
| 80) Butylbenzylphthalate | 20.37 | 149 | 238680 | 19.38 ng/ul | 92 |
| 81) 3,3'-Dichlorobenzidine | 21.14 | 252 | 154708 | 20.65 ng/ul# | 97 |
| 82) Benzo(a)anthracene | 21.20 | 228 | 460112 | 19.57 ng/ul | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 339807 | 19.59 ng/ul# | 96 |
| 84) Chrysene | 21.25 | 228 | 425219 | 19.12 ng/ul | 98 |
| 86) Di-n-octyl phthalate | 22.03 | 149 | 563368 | 21.14 ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.78 | 252 | 437250 | 18.86 ng/ul# | 96 |
| 88) Benzo(k)fluoranthene | 22.82 | 252 | 427390 | 19.08 ng/ul# | 95 |
| 90) Benzo(a)pyrene | 23.35 | 252 | 419588 | 18.84 ng/ul# | 93 |
| 91) Indeno(1,2,3-cd)pyrene | 25.71 | 276 | 462823 | 18.86 ng/ul# | 85 |
| 92) Dibenzo(a,h)anthracene | 25.72 | 278 | 397663 | 18.85 ng/ul# | 90 |
| 93) Benzo(g,h,i)perylene | 26.40 | 276 | 386190 | 18.93 ng/ul# | 87 |

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

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