Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004863.D
Acq On : 02 Apr 2016 05:42
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Manual Integrations APPROVED
Sohil
4/4/2016 6:49:51 PM

Quant Time: Apr 02 06:44:50 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 02 00:53:13 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 50760 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.62 | 136 | 240609 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.46 | 164 | 152335 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.20 | 188 | 361812 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.39 | 240 | 427816 | 20.00 | ng/ul | -0.01 |
| 86) Perylene-d12 | 23.68 | 264 | 446031 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.32 | 96 | 10498 | 8.37 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.99 | 99 | 83674 | 18.55 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.16 | 67 | 47569 | 19.46 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.36 | 132 | 65370 | 19.09 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.52 | 113 | 69975 | 18.47 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.98 | 128 | 32670 | 19.14 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.70 | 143 | 36642 | 19.30 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.23 | 165 | 69112 | 19.53 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.75 | 131 | 94266 | 22.32 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.87 | 166 | 231946 | 19.30 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.15 | 160 | 279103 | 19.41 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.66 | 143 | 43809 | 18.44 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.45 | 176 | 201980 | 19.44 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 39797 | 18.36 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.30 | 188 | 316970 | 19.58 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.60 | 212 | 358595 | 19.31 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.53 | 264 | 375169 | 18.99 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 12326 | 8.07 | ng/uL | 90 |
| 4) Benzaldehyde | 6.97 | 77 | 47956 | 22.81 | ng/ul | 99 |
| 6) Phenol | 7.01 | 94 | 88116 | 18.71 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.25 | 93 | 68630 | 19.23 | ng/ul | 93 |
| 10) 2-Chlorophenol | 7.39 | 128 | 70029 | 19.43 | ng/ul | 96 |
| 11) 2-Methylphenol | 8.26 | 108 | 68465 | 18.42 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.36 | 45 | 85387 | 19.62 | ng/ul# | 92 |
| 14) Acetophenone | 8.64 | 105 | 112112 | 19.57 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.62 | 70 | 55541 | 19.16 | ng/ul | 93 |
| 16) 4-Methylphenol | 8.59 | 108 | 77823 | 18.79 | ng/ul | 99 |
| 17) Hexachloroethane | 8.90 | 117 | 26315 | 19.04 | ng/ul | 99 |
| 20) Nitrobenzene | 9.02 | 77 | 80638 | 19.69 | ng/ul | 98 |
| 21) Isophorone | 9.54 | 82 | 156717 | 19.22 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.73 | 139 | 40305 | 19.47 | ng/ul | 95 |
| 24) 2,4-Dimethylphenol | 9.79 | 107 | 85958 | 19.64 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 10.02 | 93 | 97261 | 19.15 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.26 | 162 | 72097 | 19.72 | ng/ul | 99 |
| 28) Naphthalene | 10.66 | 128 | 235482 | 19.36 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.77 | 127 | 99967 | 22.43 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.95 | 225 | 43383 | 19.52 | ng/ul | 98 |
| 32) Caprolactam | 11.53 | 113 | 23807m | 17.21 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.90 | 107 | 82662 | 19.72 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.27 | 142 | 177142 | 19.54 | ng/ul | 97 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.50 | 142 | 169849 | 19.33 | ng/ul | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216 | 91408 | 19.39 | ng/ul | 98 |
| 38) Hexachlorocyclopentadiene | 12.62 | 237 | 50411 | 17.98 | ng/ul | 99 |
| 39) 2,4,6-Trichlorophenol | 12.89 | 196 | 59155 | 19.01 | ng/ul | 98 |
| 40) 2,4,5-Trichlorophenol | 12.96 | 196 | 65607 | 19.17 | ng/ul | 100 |
| 41) 1,1'-Biphenyl | 13.29 | 154 | 238953 | 19.32 | ng/ul | 99 |
| 42) 2-Chloronaphthalene | 13.33 | 162 | 178402 | 19.15 | ng/ul | 97 |
| 43) 2-Nitroaniline | 13.54 | 65 | 51198 | 19.08 | ng/ul | 91 |
| 45) Dimethylphthalate | 13.92 | 163 | 235498 | 19.24 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 14.04 | 165 | 45656 | 19.17 | ng/ul | 96 |
| 48) Acenaphthylene | 14.18 | 152 | 297735 | 19.45 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.36 | 138 | 48696 | 20.00 | ng/ul | 91 |
| 50) Acenaphthene | 14.52 | 153 | 197160 | 19.24 | ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.57 | 184 | 25173 | 15.93 | ng/ul | 96 |
| 53) 4-Nitrophenol | 14.67 | 109 | 36678 | 18.84 | ng/ul | 95 |
| 54) Dibenzofuran | 14.86 | 168 | 289357 | 19.45 | ng/ul | 95 |
| 55) 2,4-Dinitrotoluene | 14.82 | 165 | 69368 | 19.35 | ng/ul | 93 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.09 | 232 | 58471 | 19.23 | ng/ul# | 94 |
| 57) Diethylphthalate | 15.28 | 149 | 237107 | 19.13 | ng/ul | 99 |
| 59) Fluorene | 15.51 | 166 | 231326 | 19.52 | ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.50 | 204 | 113010 | 19.59 | ng/ul | 92 |
| 61) 4-Nitroaniline | 15.53 | 138 | 53038 | 18.58 | ng/ul | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.59 | 198 | 43244 | 18.61 | ng/ul | 99 |
| 65) N-Nitrosodiphenylamine | 15.72 | 169 | 204074 | 19.45 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.40 | 248 | 69699 | 19.32 | ng/ul | 92 |
| 67) Hexachlorobenzene | 16.51 | 284 | 79928 | 19.46 | ng/ul | 94 |
| 68) Atrazine | 16.66 | 200 | 74702 | 19.41 | ng/ul | 97 |
| 69) Pentachlorophenol | 16.85 | 266 | 46102 | 18.05 | ng/ul | 99 |
| 70) Phenanthrene | 17.24 | 178 | 386891 | 19.39 | ng/ul | 100 |
| 72) Anthracene | 17.34 | 178 | 390034 | 19.50 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.26 | 216 | 91265 | 19.41 | ng/uL | 98 |
| 74) Pentachlorobenzene | 14.77 | 250 | 90911 | 19.35 | ng/uL | 98 |
| 75) Carbazole | 17.61 | 167 | 356730 | 19.99 | ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.17 | 149 | 400383 | 18.89 | ng/ul | 100 |
| 77) Fluoranthene | 19.26 | 202 | 449567 | 20.28 | ng/ul | 100 |
| 80) Pyrene | 19.63 | 202 | 474264 | 19.37 | ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.52 | 149 | 187949 | 18.10 | ng/ul | 95 |
| 82) 3,3'-Dichlorobenzidine | 21.31 | 252 | 163722 | 19.64 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.37 | 228 | 465096 | 18.96 | ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 269549 | 18.17 | ng/ul# | 97 |
| 85) Chrysene | 21.43 | 228 | 441973 | 18.99 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.19 | 149 | 492840 | 18.67 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.99 | 252 | 482034 | 18.86 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 23.03 | 252 | 479718 | 19.57 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.58 | 252 | 470783 | 18.99 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 26.00 | 276 | 552616 | 18.69 | ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 26.01 | 278 | 465013 | 18.92 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.72 | 276 | 466966 | 18.39 | ng/ul | 98 |

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|---|---|---|---|---|---|---|

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

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