Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002759.D
Acq On : 29 Sep 2015 23:14
Operator : UM/IZ
Sample : SSTD08094
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD08094

Quant Time: Sep 30 01:42:57 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 30 01:37:31 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.70 | 152 | 67426 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.56 | 136 | 282451 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 15.29 | 164 | 140098 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 18.01 | 188 | 276630 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 22.09 | 240 | 280804 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.68 | 264 | 287955 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.76 | 96 | 45556 | 78.77 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.82 | 99 | 395463 | 76.58 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.99 | 67 | 222041 | 76.86 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 8.22 | 132 | 368948 | 77.38 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.40 | 113 | 327584 | 76.99 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.90 | 128 | 170677 | 78.88 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.63 | 143 | 183082 | 80.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 11.17 | 165 | 307049 | 77.44 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.69 | 131 | 390045 | 79.39 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.68 | 166 | 792594 | 75.05 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 15.00 | 160 | 1067560 | 75.74 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.47 | 143 | 151075 | 79.50 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 16.27 | 176 | 702796 | 74.18 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 16.39 | 200 | 119415 | 91.40 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 18.11 | 188 | 988100 | 74.75 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 20.33 | 212 | 980080 | 74.37 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.52 | 264 | 1102663 | 75.06 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.80 | 88 | 48454 | 77.65 | ng/uL | 96 |
| 4) Benzaldehyde | 7.82 | 77 | 221394 | 73.83 | ng/ul | 98 |
| 6) Phenol | 7.85 | 94 | 410185 | 76.79 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 8.09 | 93 | 322880 | 77.11 | ng/ul | 98 |
| 10) 2-Chlorophenol | 8.25 | 128 | 371875 | 76.98 | ng/ul | 99 |
| 11) 2-Methylphenol | 9.13 | 108 | 317007 | 76.85 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 9.23 | 45 | 441727 | 76.72 | ng/ul | 99 |
| 14) Acetophenone | 9.54 | 105 | 487860 | 76.09 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 9.52 | 70 | 228703 | 76.71 | ng/ul | 99 |
| 16) 4-Methylphenol | 9.47 | 108 | 341532 | 76.79 | ng/ul | 99 |
| 17) Hexachloroethane | 9.81 | 117 | 139431 | 76.90 | ng/ul | 95 |
| 20) Nitrobenzene | 9.94 | 77 | 330104 | 77.81 | ng/ul | 99 |
| 21) Isophorone | 10.46 | 82 | 616198 | 76.16 | ng/ul | 99 |
| 23) 2-Nitrophenol | 10.66 | 139 | 201021 | 79.84 | ng/ul | 99 |
| 24) 2,4-Dimethylphenol | 10.69 | 107 | 349830 | 76.62 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 10.93 | 93 | 404997 | 76.47 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 11.20 | 162 | 307271 | 77.00 | ng/ul | 99 |
| 28) Naphthalene | 11.61 | 128 | 1090980 | 75.85 | ng/ul | 99 |
| 30) 4-Chloroaniline | 11.71 | 127 | 395791 | 78.27 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 11.86 | 225 | 178383 | 76.28 | ng/ul | 97 |
| 32) Caprolactam | 12.47 | 113 | 101203 | 78.67 | ng/ul | 95 |
| 33) 4-Chloro-3-methylphenol | 12.79 | 107 | 308420 | 76.23 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 13.17 | 142 | 754640 | 75.37 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 13.39 | 142 | 731331 | 75.10 | ng/ul | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.52 | 216 | 333872 | 76.06 | ng/ul | 99 |
| 38) Hexachlorocyclopentadiene | 13.49 | 237 | 129591 | 117.09 | ng/ul | 92 |
| 39) 2,4,6-Trichlorophenol | 13.75 | 196 | 216085 | 77.27 | ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 13.83 | 196 | 229914 | 77.29 | ng/ul | 99 |
| 41) 1,1'-Biphenyl | 14.14 | 154 | 904759 | 75.61 | ng/ul | 100 |
| 42) 2-Chloronaphthalene | 14.20 | 162 | 693533 | 75.93 | ng/ul | 99 |
| 43) 2-Nitroaniline | 14.39 | 65 | 175791 | 79.47 | ng/ul | 97 |
| 45) Dimethylphthalate | 14.73 | 163 | 806094 | 74.91 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 14.87 | 165 | 179773 | 80.86 | ng/ul | 100 |
| 48) Acenaphthylene | 15.03 | 152 | 1120959 | 75.66 | ng/ul | 100 |
| 49) 3-Nitroaniline | 15.20 | 138 | 183628 | 77.77 | ng/ul | 96 |
| 50) Acenaphthene | 15.36 | 153 | 733300 | 75.02 | ng/ul | 100 |
| 51) 2,4-Dinitrophenol | 15.42 | 184 | 75479 | 106.53 | ng/ul | 97 |
| 53) 4-Nitrophenol | 15.49 | 109 | 86074 | 79.83 | ng/ul | 96 |
| 54) Dibenzofuran | 15.69 | 168 | 991609 | 74.87 | ng/ul | 100 |
| 55) 2,4-Dinitrotoluene | 15.65 | 165 | 250429 | 80.35 | ng/ul | 99 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.90 | 232 | 175858 | 79.41 | ng/ul | 97 |
| 57) Diethylphthalate | 16.06 | 149 | 811968 | 75.23 | ng/ul | 99 |
| 59) Fluorene | 16.33 | 166 | 809689 | 74.35 | ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 16.30 | 204 | 374383 | 74.46 | ng/ul | 98 |
| 61) 4-Nitroaniline | 16.34 | 138 | 196758 | 76.91 | ng/ul | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 16.41 | 198 | 127404 | 91.65 | ng/ul# | 97 |
| 65) N-Nitrosodiphenylamine | 16.51 | 169 | 685582 | 75.70 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 17.19 | 248 | 218664 | 75.75 | ng/ul | 97 |
| 67) Hexachlorobenzene | 17.32 | 284 | 246441 | 75.57 | ng/ul | 99 |
| 68) Atrazine | 17.43 | 200 | 237431 | 76.55 | ng/ul | 100 |
| 69) Pentachlorophenol | 17.66 | 266 | 108346 | 85.40 | ng/ul | 99 |
| 70) Phenanthrene | 18.05 | 178 | 1190764 | 74.68 | ng/ul | 99 |
| 72) Anthracene | 18.14 | 178 | 1218795 | 74.89 | ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 14.12 | 216 | 318609 | 76.14 | ng/uL | 98 |
| 74) Pentachlorobenzene | 15.61 | 250 | 292965 | 75.32 | ng/uL | 99 |
| 75) Carbazole | 18.40 | 167 | 1095694 | 75.20 | ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.89 | 149 | 1379858 | 75.42 | ng/ul | 100 |
| 77) Fluoranthene | 20.01 | 202 | 1271916 | 74.64 | ng/ul | 98 |
| 80) Pyrene | 20.37 | 202 | 1321241 | 74.34 | ng/ul | 99 |
| 81) Butylbenzylphthalate | 21.17 | 149 | 617478 | 76.12 | ng/ul | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.98 | 252 | 389154 | 72.14 | ng/ul | 100 |
| 83) Benzo(a)anthracene | 22.07 | 228 | 1241336 | 74.49 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.92 | 149 | 921356 | 76.39 | ng/ul | 99 |
| 85) Chrysene | 22.13 | 228 | 1175015 | 74.94 | ng/ul | 98 |
| 87) Di-n-octyl phthalate | 22.89 | 149 | 1595235 | 75.59 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.89 | 252 | 1265096 | 72.50 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 23.94 | 252 | 1236242 | 76.33 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 24.57 | 252 | 1238414 | 74.88 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 27.43 | 276 | 1447750 | 74.77 | ng/ul | 100 |
| 93) Dibenzo(a,h)anthracene | 27.42 | 278 | 1216977 | 74.42 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 28.27 | 276 | 1232342 | 75.68 | ng/ul | 99 |

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

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