Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012915\
Data File : BM000391.D
Acq On : 29 Jan 2015 18:24
Operator : TP/IZ
Sample : SSTD02059
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jan 30 14:50:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 30 14:42:54 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.75 | 152 | 181510 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.55 | 136 | 789199 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.40 | 164 | 602284 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.15 | 188 | 1312564 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.34 | 240 | 1242525 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.60 | 264 | 926799 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 20962 | 8.56 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.92 | 99 | 257045 | 20.01 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.09 | 67 | 161776 | 19.94 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.29 | 132 | 208571 | 19.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.46 | 113 | 220936 | 20.02 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.91 | 128 | 105745 | 19.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.63 | 143 | 110403 | 19.70 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 250215 | 20.25 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.68 | 131 | 314403 | 21.28 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.81 | 166 | 893692 | 19.80 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.09 | 160 | 1057647 | 19.84 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.60 | 143 | 131492 | 19.12 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.39 | 176 | 773366 | 19.57 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 138435 | 19.29 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.25 | 188 | 1211263 | 19.91 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.55 | 212 | 1300470 | 20.28 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.45 | 264 | 879808 | 19.93 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 26827 | 7.82 | ng/uL# | 55 |
| 4) Benzaldehyde | 6.90 | 77 | 185298 | 21.96 | ng/ul | 100 |
| 6) Phenol | 6.95 | 94 | 262655 | 20.13 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.18 | 93 | 207490 | 20.18 | ng/ul | 100 |
| 10) 2-Chlorophenol | 7.32 | 128 | 218130 | 20.13 | ng/ul | 100 |
| 11) 2-Methylphenol | 8.19 | 108 | 215545 | 20.08 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.29 | 45 | 427007 | 19.95 | ng/ul | 100 |
| 14) Acetophenone | 8.58 | 105 | 381560 | 19.65 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.56 | 70 | 192341 | 20.18 | ng/ul | 100 |
| 16) 4-Methylphenol | 8.52 | 108 | 236772 | 20.38 | ng/ul | 100 |
| 17) Hexachloroethane | 8.83 | 117 | 103766 | 19.76 | ng/ul | 100 |
| 20) Nitrobenzene | 8.95 | 77 | 310247 | 20.28 | ng/ul | 100 |
| 21) Isophorone | 9.48 | 82 | 541326 | 19.92 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.66 | 139 | 122843 | 19.91 | ng/ul | 100 |
| 24) 2,4-Dimethylphenol | 9.72 | 107 | 319142 | 19.92 | ng/ul | 100 |
| 25) Bis(2-Chloroethoxy)methane | 9.96 | 93 | 291935 | 19.88 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.19 | 162 | 243927 | 19.70 | ng/ul | 100 |
| 28) Naphthalene | 10.60 | 128 | 780198 | 19.78 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.70 | 127 | 323354 | 21.13 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.88 | 225 | 197612 | 19.69 | ng/ul | 100 |
| 32) Caprolactam | 11.46 | 113 | 38656 | 11.31 | ng/ul | 100 |
| 33) 4-Chloro-3-methylphenol | 11.83 | 107 | 303332 | 20.36 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.21 | 142 | 613970 | 20.02 | ng/ul | 100 |

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Sample : SSTD02059
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 30 14:42:54 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.59 | 216 | 360395 | 19.96 | ng/ul | 100 |
| 37) Hexachlorocyclopentadiene | 12.56 | 237 | 221226 | 19.73 | ng/ul | 100 |
| 38) 2,4,6-Trichlorophenol | 12.82 | 196 | 221220 | 20.08 | ng/ul | 100 |
| 39) 2,4,5-Trichlorophenol | 12.89 | 196 | 245473 | 20.27 | ng/ul | 100 |
| 40) 1,1'-Biphenyl | 13.23 | 154 | 864570 | 19.80 | ng/ul | 100 |
| 41) 2-Chloronaphthalene | 13.27 | 162 | 667458 | 19.63 | ng/ul | 100 |
| 42) 2-Nitroaniline | 13.48 | 65 | 207130 | 19.07 | ng/ul | 100 |
| 44) Dimethylphthalate | 13.86 | 163 | 901264 | 19.81 | ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 13.98 | 165 | 167152 | 20.08 | ng/ul | 100 |
| 47) Acenaphthylene | 14.12 | 152 | 1079657 | 19.69 | ng/ul | 100 |
| 48) 3-Nitroaniline | 14.31 | 138 | 163693 | 20.24 | ng/ul | 100 |
| 49) Acenaphthene | 14.47 | 153 | 696491 | 19.62 | ng/ul | 100 |
| 50) 2,4-Dinitrophenol | 14.52 | 184 | 80877 | 18.15 | ng/ul | 100 |
| 52) 4-Nitrophenol | 14.62 | 109 | 216212 | 19.09 | ng/ul | 100 |
| 53) Dibenzofuran | 14.80 | 168 | 1044386 | 19.73 | ng/ul | 100 |
| 54) 2,4-Dinitrotoluene | 14.77 | 165 | 252347 | 19.80 | ng/ul | 100 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.03 | 232 | 211193 | 19.70 | ng/ul | 100 |
| 56) Diethylphthalate | 15.23 | 149 | 949872 | 19.80 | ng/ul | 100 |
| 58) Fluorene | 15.45 | 166 | 862342 | 19.52 | ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.45 | 204 | 452927 | 19.41 | ng/ul | 100 |
| 60) 4-Nitroaniline | 15.47 | 138 | 173391 | 20.09 | ng/ul | 100 |
| 63) 4,6-Dinitro-2-methylphenol | 15.53 | 198 | 138617 | 18.99 | ng/ul | 100 |
| 64) N-Nitrosodiphenylamine | 15.66 | 169 | 727255 | 19.83 | ng/ul | 100 |
| 65) 4-Bromophenyl-phenylether | 16.34 | 248 | 280606 | 20.04 | ng/ul | 100 |
| 66) Hexachlorobenzene | 16.46 | 284 | 315704 | 19.59 | ng/ul | 100 |
| 67) Atrazine | 16.61 | 200 | 304671 | 20.52 | ng/ul | 100 |
| 68) Pentachlorophenol | 16.80 | 266 | 172588 | 19.10 | ng/ul | 100 |
| 69) Phenanthrene | 17.19 | 178 | 1421902 | 19.85 | ng/ul | 100 |
| 71) Anthracene | 17.28 | 178 | 1434512 | 19.88 | ng/ul | 100 |
| 72) Carbazole | 17.55 | 167 | 1237529 | 20.01 | ng/ul | 100 |
| 73) Di-n-butylphthalate | 18.12 | 149 | 1474791 | 19.98 | ng/ul | 100 |
| 74) Fluoranthene | 19.21 | 202 | 1648546 | 19.79 | ng/ul | 100 |
| 77) Pyrene | 19.57 | 202 | 1701036 | 20.51 | ng/ul | 100 |
| 78) Butylbenzylphthalate | 20.47 | 149 | 592005 | 19.93 | ng/ul | 100 |
| 79) 3,3'-Dichlorobenzidine | 21.26 | 252 | 451776 | 20.33 | ng/ul | 100 |
| 80) Benzo(a)anthracene | 21.32 | 228 | 1439349 | 19.67 | ng/ul | 100 |
| 81) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 818937 | 19.48 | ng/ul | 100 |
| 82) Chrysene | 21.37 | 228 | 1337725 | 19.64 | ng/ul | 100 |
| 84) Di-n-octyl phthalate | 22.13 | 149 | 1235644 | 19.92 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 22.92 | 252 | 1203125 | 20.27 | ng/ul | 100 |
| 86) Benzo(k)fluoranthene | 22.96 | 252 | 1142520 | 19.69 | ng/ul | 100 |
| 88) Benzo(a)pyrene | 23.50 | 252 | 1077911 | 19.93 | ng/ul | 100 |
| 89) Indeno(1,2,3-cd)pyrene | 25.88 | 276 | 1074651 | 19.86 | ng/ul | 100 |
| 90) Dibenzo(a,h)anthracene | 25.89 | 278 | 890342 | 19.78 | ng/ul | 100 |
| 91) Benzo(g,h,i)perylene | 26.58 | 276 | 902332 | 20.13 | ng/ul | 100 |

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

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Sample : SSTD02059
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
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