Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012915\
Data File : BM000402.D
Acq On : 30 Jan 2015 00:53
Operator : TP/IZ
Sample : SSTD02062
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jan 30 15:48:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 30 14:59:47 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 163297 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.55 | 136 | 729716 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.40 | 164 | 576342 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.15 | 188 | 1347920 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.34 | 240 | 1483983 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.60 | 264 | 1263025 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 18344 | 20.82 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.92 | 99 | 232160 | 20.09 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.09 | 67 | 148517 | 20.35 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.29 | 132 | 194168 | 20.32 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.46 | 113 | 203769 | 20.53 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.91 | 128 | 95141 | 19.44 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.63 | 143 | 102005 | 19.68 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.16 | 165 | 231490 | 20.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.68 | 131 | 297051 | 21.74 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.81 | 166 | 869484 | 20.13 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.09 | 160 | 1017027 | 19.93 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.60 | 143 | 136952 | 20.81 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.40 | 176 | 758706 | 20.07 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 138416 | 18.78 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.24 | 188 | 1232651 | 19.73 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.54 | 212 | 1414492 | 18.46 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.45 | 264 | 1185863 | 19.71 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 24176 | 19.58 | ng/uL# | 63 |
| 4) Benzaldehyde | 6.90 | 77 | 169499 | 22.33 | ng/ul | 99 |
| 6) Phenol | 6.95 | 94 | 243678 | 20.76 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.18 | 93 | 189494 | 20.49 | ng/ul | 97 |
| 10) 2-Chlorophenol | 7.32 | 128 | 198243 | 20.33 | ng/ul | 95 |
| 11) 2-Methylphenol | 8.19 | 108 | 201345 | 20.84 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.29 | 45 | 409649 | 21.28 | ng/ul | 97 |
| 14) Acetophenone | 8.57 | 105 | 359793 | 20.60 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.56 | 70 | 177356 | 20.69 | ng/ul | 93 |
| 16) 4-Methylphenol | 8.52 | 108 | 217723 | 20.83 | ng/ul | 96 |
| 17) Hexachloroethane | 8.83 | 117 | 95173 | 20.15 | ng/ul | 95 |
| 20) Nitrobenzene | 8.95 | 77 | 287198 | 20.30 | ng/ul | 95 |
| 21) Isophorone | 9.47 | 82 | 509500 | 20.27 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.66 | 139 | 112810 | 19.77 | ng/ul | 93 |
| 24) 2,4-Dimethylphenol | 9.72 | 107 | 298868 | 20.18 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.96 | 93 | 272213 | 20.05 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.19 | 162 | 230797 | 20.16 | ng/ul | 98 |
| 28) Naphthalene | 10.60 | 128 | 717661 | 19.68 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.71 | 127 | 307838 | 21.76 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.88 | 225 | 182653 | 19.69 | ng/ul | 99 |
| 32) Caprolactam | 11.46 | 113 | 33427 | 10.82 | ng/ul | 97 |
| 33) 4-Chloro-3-methylphenol | 11.83 | 107 | 281938 | 20.47 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.21 | 142 | 570583 | 20.12 | ng/ul | 94 |

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|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.59 | 216 | 332218 | 19.23 ng/ul | 96 |
| 37) Hexachlorocyclopentadiene | 12.56 | 237 | 199340 | 18.57 ng/ul | 96 |
| 38) 2,4,6-Trichlorophenol | 12.83 | 196 | 204057 | 19.36 ng/ul | 93 |
| 39) 2,4,5-Trichlorophenol | 12.90 | 196 | 227622 | 19.64 ng/ul | 96 |
| 40) 1,1'-Biphenyl | 13.23 | 154 | 813536 | 19.47 ng/ul | 98 |
| 41) 2-Chloronaphthalene | 13.27 | 162 | 637518 | 19.59 ng/ul | 99 |
| 42) 2-Nitroaniline | 13.48 | 65 | 203366 | 19.56 ng/ul | 99 |
| 44) Dimethylphthalate | 13.86 | 163 | 867948 | 19.94 ng/ul | 98 |
| 45) 2,6-Dinitrotoluene | 13.98 | 165 | 163456 | 20.52 ng/ul | 98 |
| 47) Acenaphthylene | 14.12 | 152 | 1054871 | 20.10 ng/ul | 99 |
| 48) 3-Nitroaniline | 14.31 | 138 | 158343 | 20.46 ng/ul | 98 |
| 49) Acenaphthene | 14.47 | 153 | 683492 | 20.12 ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 14.52 | 184 | 77276 | 18.12 ng/ul | 95 |
| 52) 4-Nitrophenol | 14.62 | 109 | 219263 | 20.23 ng/ul | 97 |
| 53) Dibenzofuran | 14.80 | 168 | 1010321 | 19.94 ng/ul | 97 |
| 54) 2,4-Dinitrotoluene | 14.77 | 165 | 250671 | 20.55 ng/ul | 99 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.03 | 232 | 211267 | 20.59 ng/ul | 98 |
| 56) Diethylphthalate | 15.23 | 149 | 947646 | 20.64 ng/ul | 99 |
| 58) Fluorene | 15.45 | 166 | 857543 | 20.29 ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.44 | 204 | 449980 | 20.16 ng/ul | 99 |
| 60) 4-Nitroaniline | 15.47 | 138 | 177641 | 21.51 ng/ul | 97 |
| 63) 4,6-Dinitro-2-methylphenol | 15.53 | 198 | 144780 | 19.31 ng/ul | 98 |
| 64) N-Nitrosodiphenylamine | 15.66 | 169 | 735995 | 19.54 ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.34 | 248 | 274615 | 19.10 ng/ul | 99 |
| 66) Hexachlorobenzene | 16.46 | 284 | 320483 | 19.37 ng/ul | 97 |
| 67) Atrazine | 16.62 | 200 | 307721 | 20.18 ng/ul | 100 |
| 68) Pentachlorophenol | 16.80 | 266 | 169223 | 18.24 ng/ul | 96 |
| 69) Phenanthrene | 17.19 | 178 | 1437725 | 19.54 ng/ul | 99 |
| 71) Anthracene | 17.28 | 178 | 1470271 | 19.84 ng/ul | 99 |
| 72) Carbazole | 17.55 | 167 | 1289899 | 20.31 ng/ul | 99 |
| 73) Di-n-butylphthalate | 18.12 | 149 | 1555117 | 20.52 ng/ul | 99 |
| 74) Fluoranthene | 19.21 | 202 | 1756226 | 20.53 ng/ul | 99 |
| 77) Pyrene | 19.57 | 202 | 1845443 | 18.63 ng/ul | 98 |
| 78) Butylbenzylphthalate | 20.47 | 149 | 705162 | 19.88 ng/ul | 98 |
| 79) 3,3'-Dichlorobenzidine | 21.26 | 252 | 540995 | 20.38 ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.32 | 228 | 1743106 | 19.95 ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 993406 | 19.79 ng/ul | 98 |
| 82) Chrysene | 21.37 | 228 | 1608424 | 19.77 ng/ul | 99 |
| 84) Di-n-octyl phthalate | 22.13 | 149 | 1647988 | 19.49 ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 22.91 | 252 | 1641902 | 20.29 ng/ul | 98 |
| 86) Benzo(k)fluoranthene | 22.96 | 252 | 1502768 | 19.00 ng/ul | 99 |
| 88) Benzo(a)pyrene | 23.50 | 252 | 1469928 | 19.95 ng/ul | 100 |
| 89) Indeno(1,2,3-cd)pyrene | 25.88 | 276 | 1464297 | 19.86 ng/ul | 97 |
| 90) Dibenzo(a,h)anthracene | 25.89 | 278 | 1229287 | 20.04 ng/ul | 100 |
| 91) Benzo(g,h,i)perylene | 26.58 | 276 | 1213304 | 19.86 ng/ul | 98 |

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

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