Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010617\
Data File : BM008733.D
Acq On : 06 Jan 2017 13:50
Operator : UM/SJ
Sample : SSTD04053
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD04053

Quant Time: Jan 06 14:50:27 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 13:55:44 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.96 | 152 | 101346 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.77 | 136 | 435371 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.60 | 164 | 343968 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.34 | 188 | 785664 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.50 | 240 | 897323 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.87 | 264 | 820447 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.41 | 96 | 36332 | 17.72 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.12 | 99 | 337365 | 44.65 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.29 | 67 | 227891 | 52.47 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.49 | 132 | 242604 | 41.49 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.66 | 113 | 259481 | 44.19 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.13 | 128 | 109358 | 34.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.85 | 143 | 128919 | 36.25 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.38 | 165 | 280575 | 43.32 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.90 | 131 | 320891 | 50.88 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.00 | 166 | 930131 | 41.95 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.29 | 160 | 1104273 | 40.55 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.78 | 143 | 152011 | 44.39 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.59 | 176 | 853098 | 44.59 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.70 | 200 | 160981 | 34.51 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.44 | 188 | 1397815 | 41.36 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.72 | 212 | 1652921 | 45.51 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.72 | 264 | 1388275 | 40.62 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.45 | 88 | 40648 | 17.27 | ng/uL# | 71 |
| 4) Benzaldehyde | 7.11 | 77 | 275449 | 50.37 | ng/ul | 94 |
| 6) Phenol | 7.14 | 94 | 365490 | 47.12 | ng/ul# | 74 |
| 8) Bis(2-Chloroethyl)ether | 7.39 | 93 | 262779 | 44.64 | ng/ul | 93 |
| 10) 2-Chlorophenol | 7.53 | 128 | 253503 | 42.34 | ng/ul# | 83 |
| 11) 2-Methylphenol | 8.40 | 108 | 262689 | 45.67 | ng/ul | 97 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.50 | 45 | 409500 | 62.58 | ng/ul# | 91 |
| 14) Acetophenone | 8.79 | 105 | 457534 | 48.71 | ng/ul# | 79 |
| 15) N-Nitroso-di-n-propylamine | 8.78 | 70 | 261697 | 53.08 | ng/ul# | 78 |
| 16) 4-Methylphenol | 8.73 | 108 | 293061 | 47.29 | ng/ul | 98 |
| 17) Hexachloroethane | 9.05 | 117 | 126214 | 47.25 | ng/ul | 95 |
| 20) Nitrobenzene | 9.18 | 77 | 393294 | 50.61 | ng/ul# | 89 |
| 21) Isophorone | 9.70 | 82 | 701202 | 48.96 | ng/ul | 95 |
| 23) 2-Nitrophenol | 9.88 | 139 | 136984 | 37.77 | ng/ul# | 58 |
| 24) 2,4-Dimethylphenol | 9.93 | 107 | 374472 | 48.10 | ng/ul | 91 |
| 25) Bis(2-Chloroethoxy)methane | 10.17 | 93 | 365267 | 43.95 | ng/ul | 96 |
| 27) 2,4-Dichlorophenol | 10.41 | 162 | 283414 | 44.74 | ng/ul | 98 |
| 28) Naphthalene | 10.82 | 128 | 807615 | 39.93 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.93 | 127 | 325573 | 50.12 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 11.09 | 225 | 239149 | 47.61 | ng/ul | 99 |
| 32) Caprolactam | 11.72 | 113 | 47866 | 27.09 | ng/ul# | 60 |
| 33) 4-Chloro-3-methylphenol | 12.03 | 107 | 339979 | 49.94 | ng/ul | 92 |
| 34) 2-Methylnaphthalene | 12.42 | 142 | 629153 | 43.46 | ng/ul | 98 |

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Misc :
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**Instrument :** BNA_M
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Quant Title : SVOA CALIBRATION
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.79 | 216 | 421860 | 39.50 | ng/ul# | 97 |
| 37) Hexachlorocyclopentadiene | 12.76 | 237 | 290900 | 55.00 | ng/ul | 95 |
| 38) 2,4,6-Trichlorophenol | 13.02 | 196 | 253544 | 39.58 | ng/ul | 99 |
| 39) 2,4,5-Trichlorophenol | 13.09 | 196 | 284346 | 41.90 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.43 | 154 | 866182 | 37.37 | ng/ul | 98 |
| 41) 2-Chloronaphthalene | 13.47 | 162 | 689834 | 38.94 | ng/ul | 97 |
| 42) 2-Nitroaniline | 13.68 | 65 | 263347 | 52.06 | ng/ul# | 80 |
| 44) Dimethylphthalate | 14.05 | 163 | 939601 | 43.22 | ng/ul | 98 |
| 45) 2,6-Dinitrotoluene | 14.17 | 165 | 167327 | 38.83 | ng/ul# | 70 |
| 47) Acenaphthylene | 14.32 | 152 | 1073438 | 39.05 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.50 | 138 | 172721 | 42.72 | ng/ul | 97 |
| 49) Acenaphthene | 14.66 | 153 | 744040 | 39.63 | ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.70 | 184 | 110079 | 40.44 | ng/ul | 84 |
| 52) 4-Nitrophenol | 14.79 | 109 | 251782 | 78.20 | ng/ul# | 73 |
| 53) Dibenzofuran | 14.99 | 168 | 1121034 | 41.97 | ng/ul | 91 |
| 54) 2,4-Dinitrotoluene | 14.95 | 165 | 259693 | 42.28 | ng/ul# | 92 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.21 | 232 | 269123 | 44.16 | ng/ul# | 94 |
| 56) Diethylphthalate | 15.42 | 149 | 991033 | 42.58 | ng/ul | 96 |
| 58) Fluorene | 15.64 | 166 | 933055 | 43.03 | ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.63 | 204 | 520085 | 45.31 | ng/ul | 91 |
| 60) 4-Nitroaniline | 15.66 | 138 | 183180 | 45.19 | ng/ul# | 45 |
| 63) 4,6-Dinitro-2-methylphenol | 15.71 | 198 | 172089 | 35.87 | ng/ul# | 82 |
| 64) N-Nitrosodiphenylamine | 15.85 | 169 | 819314 | 37.37 | ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.53 | 248 | 332322 | 37.95 | ng/ul# | 84 |
| 66) Hexachlorobenzene | 16.63 | 284 | 382621 | 39.71 | ng/ul | 92 |
| 67) Atrazine | 16.80 | 200 | 353761 | 41.17 | ng/ul | 96 |
| 68) Pentachlorophenol | 16.98 | 266 | 231016 | 41.43 | ng/ul | 98 |
| 69) Phenanthrene | 17.38 | 178 | 1554239 | 39.56 | ng/ul | 97 |
| 71) Anthracene | 17.47 | 178 | 1598508 | 39.87 | ng/ul | 99 |
| 72) Carbazole | 17.74 | 167 | 1406893 | 40.41 | ng/ul | 99 |
| 73) Di-n-butylphthalate | 18.30 | 149 | 1725734 | 41.81 | ng/ul# | 97 |
| 74) Fluoranthene | 19.39 | 202 | 1970082 | 43.18 | ng/ul# | 96 |
| 77) Pyrene | 19.75 | 202 | 2012803 | 43.60 | ng/ul# | 94 |
| 78) Butylbenzylphthalate | 20.64 | 149 | 769665 | 43.29 | ng/ul | 91 |
| 79) 3,3'-Dichlorobenzidine | 21.42 | 252 | 720153 | 45.46 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.49 | 228 | 1963578 | 42.40 | ng/ul | 98 |
| 81) Bis(2-ethylhexyl)phthalate | 21.41 | 149 | 1068403 | 39.87 | ng/ul | 98 |
| 82) Chrysene | 21.54 | 228 | 1818051 | 41.57 | ng/ul | 99 |
| 84) Di-n-octyl phthalate | 22.33 | 149 | 1726867 | 40.88 | ng/ul# | 89 |
| 85) Benzo(b)fluoranthene | 23.15 | 252 | 1808832 | 41.17 | ng/ul# | 97 |
| 86) Benzo(k)fluoranthene | 23.20 | 252 | 1778888 | 42.94 | ng/ul# | 98 |
| 88) Benzo(a)pyrene | 23.77 | 252 | 1764270 | 41.79 | ng/ul# | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 26.30 | 276 | 1937591 | 37.63 | ng/ul# | 94 |
| 90) Dibenzo(a,h)anthracene | 26.32 | 278 | 1661617 | 38.27 | ng/ul# | 96 |
| 91) Benzo(g,h,i)perylene | 27.04 | 276 | 1641994 | 38.35 | ng/ul# | 95 |

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

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Misc :
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