Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100317\
Data File : BM011850.D
Acq On : 03 Oct 2017 13:37
Operator : SJ/JU
Sample : SSTD08013
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD08013

Quant Time: Oct 03 14:36:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 13:10:06 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 243597 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.69 | 136 | 1111224 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.52 | 164 | 717181 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.26 | 188 | 1770947 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.43 | 240 | 2319545 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.76 | 264 | 2197098 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 156690 | 28.68 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.04 | 99 | 1762164 | 73.55 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.21 | 67 | 993623 | 57.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.41 | 132 | 1469304 | 82.43 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.59 | 113 | 1506062 | 80.25 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 9.05 | 128 | 712811 | 82.24 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.77 | 143 | 847254 | 91.65 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.30 | 165 | 1629277 | 92.34 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.82 | 131 | 1638563 | 84.00 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.93 | 166 | 5200213 | 84.54 | ng/ul | 0.01 |
| 46) Acenaphthylene-d8 | 14.22 | 160 | 6258294 | 84.13 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.73 | 143 | 967898 | 92.07 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.52 | 176 | 4574943 | 86.37 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.64 | 200 | 1072367 | 89.39 | ng/ul | 0.01 |
| 70) Anthracene-d10 | 17.37 | 188 | 7348757 | 81.54 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.66 | 212 | 8783852 | 79.35 | ng/ul | 0.01 |
| 87) Benzo(a)pyrene-d12 | 23.62 | 264 | 9082444 | 86.34 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 161729 | 26.596 | ng/uL# | 68 |
| 4) Benzaldehyde | 7.02 | 77 | 648014 | 55.153 | ng/ul | 90 |
| 6) Phenol | 7.07 | 94 | 1730568 | 71.418 | ng/ul# | 83 |
| 8) Bis(2-Chloroethyl)ether | 7.30 | 93 | 1254993 | 67.366 | ng/ul | 97 |
| 10) 2-Chlorophenol | 7.44 | 128 | 1420642 | 81.682 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.32 | 108 | 1324305 | 74.423 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.41 | 45 | 1574687 | 39.464 | ng/ul# | 87 |
| 14) Acetophenone | 8.71 | 105 | 2164342 | 71.773 | ng/ul | 89 |
| 15) N-Nitroso-di-n-propylamine | 8.70 | 70 | 1145379 | 67.293 | ng/ul# | 68 |
| 16) 4-Methylphenol | 8.66 | 108 | 1458940 | 74.585 | ng/ul | 93 |
| 17) Hexachloroethane | 8.96 | 117 | 545469 | 71.122 | ng/ul | 85 |
| 20) Nitrobenzene | 9.09 | 77 | 1651008 | 69.204 | ng/ul | 91 |
| 21) Isophorone | 9.62 | 82 | 3097623 | 69.218 | ng/ul# | 92 |
| 23) 2-Nitrophenol | 9.80 | 139 | 857857 | 89.123 | ng/ul# | 75 |
| 24) 2,4-Dimethylphenol | 9.86 | 107 | 1704998 | 77.807 | ng/ul# | 86 |
| 25) Bis(2-Chloroethoxy)methane | 10.09 | 93 | 1829986 | 70.625 | ng/ul | 96 |
| 27) 2,4-Dichlorophenol | 10.33 | 162 | 1528616 | 91.093 | ng/ul | 91 |
| 28) Naphthalene | 10.73 | 128 | 4504591 | 77.557 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.85 | 127 | 1598034 | 84.702 | ng/ul | 96 |
| 31) Hexachlorobutadiene | 11.01 | 225 | 1042474 | 88.245 | ng/ul | 95 |
| 32) Caprolactam | 11.65 | 113 | 264280 | 48.608 | ng/ul# | 41 |
| 33) 4-Chloro-3-methylphenol | 11.97 | 107 | 1655387 | 87.135 | ng/ul | 94 |
| 34) 2-Methylnaphthalene | 12.35 | 142 | 3549530 | 86.212 | ng/ul | 96 |

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|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.71 | 216 | 2065625 | 85.201 | ng/ul | 97 |
| 37) Hexachlorocyclopentadiene | 12.69 | 237 | 1230308 | 78.956 | ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.95 | 196 | 1408424 | 90.463 | ng/ul | 97 |
| 39) 2,4,5-Trichlorophenol | 13.03 | 196 | 1494419 | 92.719 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.36 | 154 | 4713173 | 79.793 | ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.40 | 162 | 3717735 | 82.137 | ng/ul | 98 |
| 42) 2-Nitroaniline | 13.61 | 65 | 1107141 | 66.517 | ng/ul | 89 |
| 44) Dimethylphthalate | 13.98 | 163 | 4953621 | 84.201 | ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 14.10 | 165 | 1083654 | 100.024 | ng/ul | 88 |
| 47) Acenaphthylene | 14.24 | 152 | 5943198 | 79.646 | ng/ul | 100 |
| 48) 3-Nitroaniline | 14.43 | 138 | 928728 | 83.827 | ng/ul | 87 |
| 49) Acenaphthene | 14.59 | 153 | 4016155 | 79.029 | ng/ul | 100 |
| 50) 2,4-Dinitrophenol | 14.64 | 184 | 718205 | 100.989 | ng/ul | 97 |
| 52) 4-Nitrophenol | 14.74 | 109 | 772013 | 75.071 | ng/ul# | 78 |
| 53) Dibenzofuran | 14.92 | 168 | 5823514 | 83.435 | ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.89 | 165 | 1585934 | 102.588 | ng/ul# | 80 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.14 | 232 | 1444867 | 97.183 | ng/ul | 92 |
| 56) Diethylphthalate | 15.34 | 149 | 5118700 | 82.742 | ng/ul | 96 |
| 58) Fluorene | 15.57 | 166 | 4951742 | 83.782 | ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.56 | 204 | 2674381 | 89.990 | ng/ul | 96 |
| 60) 4-Nitroaniline | 15.60 | 138 | 1106811 | 91.039 | ng/ul | 90 |
| 63) 4,6-Dinitro-2-methylphenol | 15.66 | 198 | 1082577 | 88.875 | ng/ul# | 86 |
| 64) N-Nitrosodiphenylamine | 15.77 | 169 | 4294358 | 82.035 | ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.45 | 248 | 1703699 | 87.464 | ng/ul | 96 |
| 66) Hexachlorobenzene | 16.57 | 284 | 1838569 | 84.947 | ng/ul# | 90 |
| 67) Atrazine | 16.73 | 200 | 1687131 | 83.128 | ng/ul | 93 |
| 68) Pentachlorophenol | 16.92 | 266 | 1212963 | 85.130 | ng/ul | 99 |
| 69) Phenanthrene | 17.31 | 178 | 7958888 | 80.298 | ng/ul | 99 |
| 71) Anthracene | 17.40 | 178 | 8256262 | 80.847 | ng/ul | 98 |
| 72) Carbazole | 17.67 | 167 | 7175001 | 80.198 | ng/ul | 98 |
| 73) Di-n-butylphthalate | 18.22 | 149 | 8937136 | 77.566 | ng/ul# | 97 |
| 74) Fluoranthene | 19.32 | 202 | 10136289 | 83.760 | ng/ul# | 88 |
| 77) Pyrene | 19.69 | 202 | 10486238 | 75.863 | ng/ul# | 89 |
| 78) Butylbenzylphthalate | 20.56 | 149 | 4489570 | 77.707 | ng/ul | 90 |
| 79) 3,3'-Dichlorobenzidine | 21.35 | 252 | 3576578 | 81.093 | ng/ul# | 94 |
| 80) Benzo(a)anthracene | 21.42 | 228 | 10967252 | 84.512 | ng/ul | 96 |
| 81) Bis(2-ethylhexyl)phthalate | 21.33 | 149 | 6559292 | 76.060 | ng/ul | 99 |
| 82) Chrysene | 21.47 | 228 | 10128320 | 82.752 | ng/ul | 96 |
| 84) Di-n-octyl phthalate | 22.23 | 149 | 11158662 | 65.713 | ng/ul | 99 |
| 85) Benzo(b)fluoranthene | 23.06 | 252 | 11747706 | 90.624 | ng/ul# | 97 |
| 86) Benzo(k)fluoranthene | 23.11 | 252 | 10777911 | 81.500 | ng/ul# | 95 |
| 88) Benzo(a)pyrene | 23.67 | 252 | 11034563 | 88.132 | ng/ul# | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 26.16 | 276 | 11738275 | 90.046 | ng/ul# | 91 |
| 90) Dibenzo(a,h)anthracene | 26.17 | 278 | 9898104 | 90.659 | ng/ul# | 95 |
| 91) Benzo(g,h,i)perylene | 26.90 | 276 | 9446662 | 87.305 | ng/ul# | 93 |

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

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