Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013076.D
Acq On : 21 Nov 2017 10:38
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02043

Quant Time: Nov 21 14:02:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 07:39:32 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.71 | 152 | 237286 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.50 | 136 | 1032725 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.36 | 164 | 652913 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.10 | 188 | 1537573 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.29 | 240 | 1381393 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.51 | 264 | 1057742 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.25 | 96 | 25204 | 4.92 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.89 | 99 | 333899 | 16.25 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.05 | 67 | 189854 | 16.28 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.25 | 132 | 263915 | 16.07 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.42 | 113 | 289434 | 17.19 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.86 | 128 | 139664 | 18.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.58 | 143 | 151021 | 21.57 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.12 | 165 | 305585 | 17.19 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.63 | 131 | 335043 | 18.03 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.77 | 166 | 982257 | 17.15 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.04 | 160 | 1201093 | 16.46 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.57 | 143 | 151134 | 17.40 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.35 | 176 | 816980 | 16.79 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 109985 | 16.50 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.20 | 188 | 1276942 | 16.22 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.49 | 212 | 1334986 | 18.92 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.37 | 264 | 889320 | 16.58 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 31899 | 5.668 | ng/uL# | 62 |
| 4) Benzaldehyde | 6.86 | 77 | 172217 | 15.547 | ng/ul | 91 |
| 6) Phenol | 6.92 | 94 | 327115 | 16.125 | ng/ul# | 84 |
| 8) Bis(2-Chloroethyl)ether | 7.15 | 93 | 249626 | 16.343 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.28 | 128 | 262850 | 16.166 | ng/ul | 94 |
| 11) 2-Methylphenol | 8.16 | 108 | 254746 | 16.544 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.25 | 45 | 274691 | 15.852 | ng/ul# | 80 |
| 14) Acetophenone | 8.53 | 105 | 440183 | 17.059 | ng/ul | 88 |
| 15) N-Nitroso-di-n-propylamine | 8.52 | 70 | 221293 | 16.722 | ng/ul# | 66 |
| 16) 4-Methylphenol | 8.49 | 108 | 278670 | 17.042 | ng/ul | 94 |
| 17) Hexachloroethane | 8.78 | 117 | 114456 | 16.622 | ng/ul# | 76 |
| 20) Nitrobenzene | 8.91 | 77 | 334442 | 18.186 | ng/ul | 96 |
| 21) Isophorone | 9.43 | 82 | 621849 | 16.502 | ng/ul# | 96 |
| 23) 2-Nitrophenol | 9.62 | 139 | 157781 | 20.709 | ng/ul# | 76 |
| 24) 2,4-Dimethylphenol | 9.68 | 107 | 328126 | 16.371 | ng/ul# | 89 |
| 25) Bis(2-Chloroethoxy)methane | 9.92 | 93 | 365276 | 16.893 | ng/ul | 97 |
| 27) 2,4-Dichlorophenol | 10.15 | 162 | 282333 | 17.096 | ng/ul# | 90 |
| 28) Naphthalene | 10.55 | 128 | 880315 | 16.543 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.66 | 127 | 323547 | 18.161 | ng/ul | 96 |
| 31) Hexachlorobutadiene | 10.83 | 225 | 203106 | 17.080 | ng/ul | 93 |
| 32) Caprolactam | 11.43 | 113 | 93093 | 17.952 | ng/ul# | 37 |
| 33) 4-Chloro-3-methylphenol | 11.79 | 107 | 312983 | 17.793 | ng/ul | 92 |
| 34) 2-Methylnaphthalene | 12.16 | 142 | 670853 | 17.231 | ng/ul | 98 |

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|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.53 | 216 | 384957 | 16.209 | ng/ul | 95 |
| 37) Hexachlorocyclopentadiene | 12.51 | 237 | 234433 | 13.348 | ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.78 | 196 | 254653 | 17.792 | ng/ul | 95 |
| 39) 2,4,5-Trichlorophenol | 12.85 | 196 | 267893 | 17.901 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.19 | 154 | 903875 | 16.431 | ng/ul | 98 |
| 41) 2-Chloronaphthalene | 13.22 | 162 | 713534 | 16.365 | ng/ul | 99 |
| 42) 2-Nitroaniline | 13.43 | 65 | 212265 | 22.924 | ng/ul | 88 |
| 44) Dimethylphthalate | 13.82 | 163 | 927468 | 16.935 | ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 13.93 | 165 | 189654 | 22.696 | ng/ul# | 96 |
| 47) Acenaphthylene | 14.07 | 152 | 1086179 | 16.158 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.26 | 138 | 173138 | 22.122 | ng/ul | 89 |
| 49) Acenaphthene | 14.42 | 153 | 750468 | 16.612 | ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 14.47 | 184 | 56428 | 14.106 | ng/ul | 95 |
| 52) 4-Nitrophenol | 14.58 | 109 | 142982 | 18.164 | ng/ul | 85 |
| 53) Dibenzofuran | 14.75 | 168 | 1094028 | 16.906 | ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.72 | 165 | 273282 | 23.380 | ng/ul | 86 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.98 | 232 | 242303 | 19.335 | ng/ul# | 88 |
| 56) Diethylphthalate | 15.19 | 149 | 944089 | 17.051 | ng/ul | 95 |
| 58) Fluorene | 15.40 | 166 | 890812 | 16.715 | ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.40 | 204 | 483474 | 17.172 | ng/ul | 97 |
| 60) 4-Nitroaniline | 15.43 | 138 | 188569 | 18.321 | ng/ul | 96 |
| 63) 4,6-Dinitro-2-methylphenol | 15.48 | 198 | 115816 | 15.995 | ng/ul | 94 |
| 64) N-Nitrosodiphenylamine | 15.62 | 169 | 772902 | 16.011 | ng/ul | 95 |
| 65) 4-Bromophenyl-phenylether | 16.30 | 248 | 309454 | 16.617 | ng/ul | 95 |
| 66) Hexachlorobenzene | 16.40 | 284 | 333270 | 16.582 | ng/ul# | 93 |
| 67) Atrazine | 16.57 | 200 | 309677 | 16.748 | ng/ul | 94 |
| 68) Pentachlorophenol | 16.75 | 266 | 155645 | 15.015 | ng/ul | 99 |
| 69) Phenanthrene | 17.14 | 178 | 1433865 | 16.580 | ng/ul | 99 |
| 71) Anthracene | 17.23 | 178 | 1457975 | 16.248 | ng/ul | 98 |
| 72) Carbazole | 17.50 | 167 | 1227601 | 15.820 | ng/ul | 98 |
| 73) Di-n-butylphthalate | 18.07 | 149 | 1563782 | 15.820 | ng/ul | 98 |
| 74) Fluoranthene | 19.16 | 202 | 1647670 | 15.762 | ng/ul# | 95 |
| 77) Pyrene | 19.52 | 202 | 1635864 | 19.018 | ng/ul# | 92 |
| 78) Butylbenzylphthalate | 20.43 | 149 | 658798 | 18.433 | ng/ul | 93 |
| 79) 3,3'-Dichlorobenzidine | 21.21 | 252 | 400394 | 14.102 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.27 | 228 | 1434598 | 16.227 | ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 933083 | 17.714 | ng/ul | 98 |
| 82) Chrysene | 21.32 | 228 | 1302476 | 15.887 | ng/ul | 100 |
| 84) Di-n-octyl phthalate | 22.09 | 149 | 1409223 | 20.218 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 22.84 | 252 | 1188917 | 17.393 | ng/ul# | 98 |
| 86) Benzo(k)fluoranthene | 22.89 | 252 | 1116445 | 17.740 | ng/ul# | 98 |
| 88) Benzo(a)pyrene | 23.41 | 252 | 1057289 | 16.609 | ng/ul# | 96 |
| 89) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 1125294 | 15.133 | ng/ul# | 94 |
| 90) Dibenzo(a,h)anthracene | 25.77 | 278 | 937126 | 14.877 | ng/ul# | 93 |
| 91) Benzo(g,h,i)perylene | 26.44 | 276 | 915314 | 14.815 | ng/ul# | 96 |

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

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