Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062017\
Data File : BM010596.D
Acq On : 20 Jun 2017 18:55
Operator : SJ/MA
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SICV38

Quant Time: Jun 20 19:48:52 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 19:00:04 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.47 | 152 | 80439 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.23 | 136 | 366067 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.12 | 164 | 254837 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.87 | 188 | 666112 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.09 | 240 | 803370 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.23 | 264 | 692583 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.08 | 96 | 11815 | 8.42 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.65 | 99 | 140567 | 18.34 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.82 | 67 | 81081 | 18.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.00 | 132 | 105120 | 19.56 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.17 | 113 | 121600 | 19.14 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.62 | 128 | 52452 | 20.09 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.33 | 143 | 61448 | 20.43 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.86 | 165 | 125804 | 19.86 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.37 | 131 | 155378 | 23.28 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.54 | 166 | 450573 | 20.14 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.81 | 160 | 526786 | 20.24 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.33 | 143 | 76855 | 19.52 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.12 | 176 | 391326 | 20.24 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.24 | 200 | 78095 | 19.09 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 16.97 | 188 | 644994 | 20.05 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.28 | 212 | 754487 | 20.22 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.10 | 264 | 676122 | 20.20 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.10 | 88 | 12789 | 8.155 | ng/uL# | 37 |
| 4) Benzaldehyde | 6.62 | 77 | 100386 | 22.259 | ng/ul | 92 |
| 6) Phenol | 6.68 | 94 | 146681 | 18.585 | ng/ul# | 88 |
| 8) Bis(2-Chloroethyl)ether | 6.91 | 93 | 110140 | 19.168 | ng/ul | 94 |
| 10) 2-Chlorophenol | 7.04 | 128 | 105784 | 19.687 | ng/ul | 99 |
| 11) 2-Methylphenol | 7.91 | 108 | 113291 | 18.833 | ng/ul | 95 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.01 | 45 | 75959 | 18.937 | ng/ul# | 91 |
| 14) Acetophenone | 8.28 | 105 | 198608 | 19.146 | ng/ul# | 89 |
| 15) N-Nitroso-di-n-propylamine | 8.27 | 70 | 109884 | 19.658 | ng/ul# | 89 |
| 16) 4-Methylphenol | 8.24 | 108 | 121850 | 18.410 | ng/ul | 96 |
| 17) Hexachloroethane | 8.53 | 117 | 47726 | 19.975 | ng/ul# | 79 |
| 20) Nitrobenzene | 8.66 | 77 | 152103 | 19.960 | ng/ul | 98 |
| 21) Isophorone | 9.17 | 82 | 291038 | 19.215 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.36 | 139 | 66328 | 20.783 | ng/ul | 94 |
| 24) 2,4-Dimethylphenol | 9.43 | 107 | 164057 | 20.211 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 9.66 | 93 | 163598 | 19.478 | ng/ul | 96 |
| 27) 2,4-Dichlorophenol | 9.89 | 162 | 122562 | 19.877 | ng/ul# | 89 |
| 28) Naphthalene | 10.28 | 128 | 360966 | 19.815 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.40 | 127 | 151107 | 22.511 | ng/ul | 93 |
| 31) Hexachlorobutadiene | 10.57 | 225 | 94337 | 20.287 | ng/ul | 95 |
| 32) Caprolactam | 11.15 | 113 | 43239 | 19.981 | ng/ul | 99 |
| 33) 4-Chloro-3-methylphenol | 11.53 | 107 | 158492 | 20.153 | ng/ul | 94 |
| 34) 2-Methylnaphthalene | 11.90 | 142 | 295406 | 20.173 | ng/ul | 99 |

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|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.29 | 216 | 184073 | 20.466 ng/ul | 99 |
| 37) Hexachlorocyclopentadiene | 12.27 | 237 | 102992 | 19.920 ng/ul# | 97 |
| 38) 2,4,6-Trichlorophenol | 12.53 | 196 | 125983 | 20.512 ng/ul | 96 |
| 39) 2,4,5-Trichlorophenol | 12.60 | 196 | 130585 | 20.591 ng/ul | 95 |
| 40) 1,1'-Biphenyl | 12.95 | 154 | 402226 | 20.189 ng/ul# | 98 |
| 41) 2-Chloronaphthalene | 12.98 | 162 | 319560 | 20.384 ng/ul | 96 |
| 42) 2-Nitroaniline | 13.19 | 65 | 93662 | 20.423 ng/ul | 94 |
| 44) Dimethylphthalate | 13.59 | 163 | 447566 | 20.410 ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.70 | 165 | 82661 | 21.763 ng/ul# | 92 |
| 47) Acenaphthylene | 13.83 | 152 | 503642 | 20.321 ng/ul | 98 |
| 48) 3-Nitroaniline | 14.03 | 138 | 79391 | 20.724 ng/ul | 100 |
| 49) Acenaphthene | 14.19 | 153 | 336219 | 20.111 ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.24 | 184 | 52287 | 19.007 ng/ul | 92 |
| 52) 4-Nitrophenol | 14.34 | 109 | 104362 | 20.893 ng/ul | 98 |
| 53) Dibenzofuran | 14.52 | 168 | 517873 | 20.454 ng/ul | 96 |
| 54) 2,4-Dinitrotoluene | 14.50 | 165 | 124409 | 21.112 ng/ul | 92 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.75 | 232 | 128654 | 20.052 ng/ul# | 82 |
| 56) Diethylphthalate | 14.97 | 149 | 461545 | 20.005 ng/ul | 97 |
| 58) Fluorene | 15.17 | 166 | 427805 | 20.181 ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.18 | 204 | 235102 | 20.406 ng/ul | 95 |
| 60) 4-Nitroaniline | 15.20 | 138 | 90502 | 20.003 ng/ul | 83 |
| 63) 4,6-Dinitro-2-methylphenol | 15.26 | 198 | 84099 | 19.292 ng/ul | 100 |
| 64) N-Nitrosodiphenylamine | 15.40 | 169 | 373384 | 20.212 ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.07 | 248 | 154032 | 20.196 ng/ul# | 87 |
| 66) Hexachlorobenzene | 16.18 | 284 | 160958 | 20.039 ng/ul# | 86 |
| 67) Atrazine | 16.36 | 200 | 164908 | 21.189 ng/ul | 94 |
| 68) Pentachlorophenol | 16.53 | 266 | 108848 | 19.221 ng/ul | 94 |
| 69) Phenanthrene | 16.92 | 178 | 717321 | 20.256 ng/ul | 99 |
| 71) Anthracene | 17.01 | 178 | 740322 | 20.292 ng/ul | 99 |
| 72) Carbazole | 17.28 | 167 | 628608 | 19.749 ng/ul | 99 |
| 73) Di-n-butylphthalate | 17.87 | 149 | 812918 | 20.085 ng/ul | 99 |
| 74) Fluoranthene | 18.94 | 202 | 919092 | 20.138 ng/ul# | 94 |
| 77) Pyrene | 19.31 | 202 | 939398 | 20.244 ng/ul# | 94 |
| 78) Butylbenzylphthalate | 20.24 | 149 | 356523 | 20.438 ng/ul | 96 |
| 79) 3,3'-Dichlorobenzidine | 21.02 | 252 | 327520 | 20.379 ng/ul# | 94 |
| 80) Benzo(a)anthracene | 21.07 | 228 | 957531 | 20.467 ng/ul | 100 |
| 81) Bis(2-ethylhexyl)phthalate | 21.03 | 149 | 535661 | 20.126 ng/ul# | 99 |
| 82) Chrysene | 21.13 | 228 | 851761 | 20.420 ng/ul | 99 |
| 84) Di-n-octyl phthalate | 21.89 | 149 | 888048 | 18.350 ng/ul# | 93 |
| 85) Benzo(b)fluoranthene | 22.60 | 252 | 895245 | 19.913 ng/ul# | 99 |
| 86) Benzo(k)fluoranthene | 22.64 | 252 | 862949 | 20.247 ng/ul# | 98 |
| 88) Benzo(a)pyrene | 23.14 | 252 | 830650 | 20.069 ng/ul# | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 25.35 | 276 | 845227 | 19.690 ng/ul# | 97 |
| 90) Dibenzo(a,h)anthracene | 25.36 | 278 | 711382 | 19.886 ng/ul# | 98 |
| 91) Benzo(g,h,i)perylene | 26.00 | 276 | 672711 | 19.686 ng/ul# | 97 |

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

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