Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072619\
Data File : BM021671.D
Acq On : 26 Jul 2019 15:00
Operator : HP/JU
Sample : SSTD00534
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD00534

Quant Time: Jul 26 17:04:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 16:40:05 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 123953 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.46 | 136 | 504871 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.33 | 164 | 340119 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.08 | 188 | 722240 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.27 | 240 | 696111 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.51 | 264 | 712217 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 4794 | 2.11 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.86 | 99 | 41334 | 3.93 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.03 | 67 | 25830 | 4.24 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.22 | 132 | 35742 | 4.33 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.39 | 113 | 35575 | 3.96 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.85 | 128 | 16664 | 4.46 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.56 | 143 | 17900 | 4.46 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.09 | 165 | 39925 | 4.47 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.63 | 131 | 35926 | 4.14 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 13.75 | 166 | 125506 | 4.31 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.02 | 160 | 142389 | 4.02 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.56 | 143 | 10499 | 2.10 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.32 | 176 | 110417 | 4.20 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 10739 | 2.37 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.18 | 188 | 171868 | 4.84 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.48 | 212 | 186369 | 5.49 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.36 | 264 | 174762 | 4.60 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 5327 | 2.065 | ng/uL# | 82 |
| 4) Benzaldehyde | 6.85 | 77 | 23291 | 5.256 | ng/ul | 92 |
| 6) Phenol | 6.89 | 94 | 44358 | 4.386 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.13 | 93 | 35832 | 4.790 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.25 | 128 | 39424 | 4.958 | ng/ul | 96 |
| 11) 2-Methylphenol | 8.13 | 108 | 33545 | 4.240 | ng/ul | 95 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.20 | 45 | 46890 | 4.732 | ng/ul | 99 |
| 14) Acetophenone | 8.52 | 105 | 64305 | 4.771 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.50 | 70 | 29749 | 4.487 | ng/ul | 97 |
| 16) 4-Methylphenol | 8.46 | 108 | 37988 | 4.347 | ng/ul | 98 |
| 17) Hexachloroethane | 8.74 | 117 | 18601 | 5.253 | ng/ul | 93 |
| 20) Nitrobenzene | 8.89 | 77 | 47974 | 5.193 | ng/ul | 97 |
| 21) Isophorone | 9.43 | 82 | 83239 | 4.746 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.59 | 139 | 20528 | 4.924 | ng/ul | 99 |
| 24) 2,4-Dimethylphenol | 9.65 | 107 | 44797 | 4.907 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.90 | 93 | 52046 | 5.033 | ng/ul | 95 |
| 27) 2,4-Dichlorophenol | 10.12 | 162 | 40488 | 4.846 | ng/ul | 96 |
| 28) Naphthalene | 10.52 | 128 | 134816 | 5.269 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.65 | 127 | 38742 | 4.581 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 10.78 | 225 | 33381 | 5.658 | ng/ul | 99 |
| 32) Caprolactam | 11.53 | 113 | 1113 | 0.426 | ng/ul | 89 |
| 33) 4-Chloro-3-methylphenol | 11.77 | 107 | 41476 | 4.652 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.13 | 142 | 100210 | 5.065 | ng/ul | 100 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 63160 | 5.384 ng/ul | 98 |
| 37) Hexachlorocyclopentadiene | 12.46 | 237 | 23141 | 4.117 ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.76 | 196 | 34989 | 4.857 ng/ul | 94 |
| 39) 2,4,5-Trichlorophenol | 12.83 | 196 | 38118 | 4.861 ng/ul | 98 |
| 40) 1,1'-Biphenyl | 13.16 | 154 | 136569 | 5.188 ng/ul | 98 |
| 41) 2-Chloronaphthalene | 13.20 | 162 | 106315 | 5.061 ng/ul | 99 |
| 42) 2-Nitroaniline | 13.43 | 65 | 16265 | 3.463 ng/ul | 91 |
| 44) Dimethylphthalate | 13.80 | 163 | 131212 | 4.690 ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.93 | 165 | 15516 | 3.345 ng/ul# | 72 |
| 47) Acenaphthylene | 14.05 | 152 | 157929 | 5.021 ng/ul | 99 |
| 48) 3-Nitroaniline | 14.27 | 138 | 10337 | 2.249 ng/ul# | 92 |
| 49) Acenaphthene | 14.39 | 153 | 112346 | 4.870 ng/ul | 96 |
| 50) 2,4-Dinitrophenol | 14.48 | 184 | 5750 | 1.936 ng/ul | 95 |
| 52) 4-Nitrophenol | 14.58 | 109 | 10412 | 2.637 ng/ul | 91 |
| 53) Dibenzofuran | 14.73 | 168 | 167096 | 4.906 ng/ul | 98 |
| 54) 2,4-Dinitrotoluene | 14.72 | 165 | 25937 | 3.291 ng/ul# | 69 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.96 | 232 | 32784 | 4.388 ng/ul | 97 |
| 56) Diethylphthalate | 15.17 | 149 | 119575 | 4.410 ng/ul | 99 |
| 58) Fluorene | 15.38 | 166 | 133402 | 4.735 ng/ul | 98 |
| 59) 4-Chlorophenyl-phenylether | 15.37 | 204 | 72843 | 4.652 ng/ul | 99 |
| 60) 4-Nitroaniline | 15.43 | 138 | 8436 | 1.681 ng/ul# | 85 |
| 63) 4,6-Dinitro-2-methylphenol | 15.49 | 198 | 12707 | 2.842 ng/ul# | 91 |
| 64) N-Nitrosodiphenylamine | 15.60 | 169 | 106840 | 5.444 ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.27 | 248 | 44136 | 5.445 ng/ul | 97 |
| 66) Hexachlorobenzene | 16.37 | 284 | 54805 | 5.543 ng/ul | 98 |
| 67) Atrazine | 16.57 | 200 | 29111 | 3.998 ng/ul | 97 |
| 68) Pentachlorophenol | 16.74 | 266 | 24155 | 4.293 ng/ul | 94 |
| 69) Phenanthrene | 17.12 | 178 | 209267 | 5.311 ng/ul | 100 |
| 71) Anthracene | 17.22 | 178 | 208815 | 5.240 ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.12 | 216 | 62083 | 6.420 ng/uL | 99 |
| 73) Pentachlorobenzene | 14.64 | 250 | 64927 | 5.965 ng/uL | 96 |
| 74) Carbazole | 17.50 | 167 | 161854 | 4.736 ng/ul | 100 |
| 75) Di-n-butylphthalate | 18.05 | 149 | 177715 | 4.949 ng/ul | 98 |
| 76) Fluoranthene | 19.15 | 202 | 238909 | 4.891 ng/ul | 99 |
| 79) Pyrene | 19.51 | 202 | 248517 | 5.993 ng/ul | 99 |
| 80) Butylbenzylphthalate | 20.42 | 149 | 63173 | 4.857 ng/ul | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.20 | 252 | 45035 | 3.287 ng/ul | 98 |
| 82) Benzo(a)anthracene | 21.26 | 228 | 242148 | 5.306 ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 93772 | 4.929 ng/ul | 98 |
| 84) Chrysene | 21.31 | 228 | 231188 | 5.312 ng/ul | 99 |
| 86) Di-n-octyl phthalate | 22.06 | 149 | 163741 | 5.084 ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.83 | 252 | 230433 | 5.352 ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 22.88 | 252 | 225569 | 5.340 ng/ul | 99 |
| 90) Benzo(a)pyrene | 23.41 | 252 | 209418 | 5.065 ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 227870 | 4.538 ng/ul | 99 |
| 92) Dibenzo(a,h)anthracene | 25.77 | 278 | 187530 | 4.441 ng/ul | 98 |
| 93) Benzo(g,h,i)perylene | 26.44 | 276 | 196362 | 4.829 ng/ul | 97 |

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

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