Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080720\
Data File : BM027012.D
Acq On : 06 Aug 2020 20:13
Operator : JU/CG
Sample : SSTD02002
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02002

Quant Time: Aug 07 03:12:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 03:07:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 83787 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.42 | 136 | 288123 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.28 | 164 | 207563 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.02 | 188 | 468138 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.22 | 240 | 530402 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.41 | 264 | 552947 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.20 | 96 | 14916 | 8.57 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.82 | 99 | 128278 | 19.87 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.98 | 67 | 86807 | 20.25 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.18 | 132 | 100297 | 20.22 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.35 | 113 | 99156 | 19.74 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.79 | 128 | 46643 | 20.66 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.50 | 143 | 48668 | 20.40 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.04 | 165 | 98948 | 18.66 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.55 | 131 | 107519 | 18.94 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.69 | 166 | 323391 | 19.48 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.97 | 160 | 386543 | 19.70 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.47 | 143 | 54435 | 19.32 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.27 | 176 | 289324 | 19.22 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 45534 | 16.78 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.12 | 188 | 453267 | 19.41 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.42 | 212 | 503683 | 19.39 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.27 | 264 | 608337 | 19.62 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.23 | 88 | 18211 | 7.988 | ng/uL | 100 |
| 4) Benzaldehyde | 6.79 | 77 | 103874 | 20.031 | ng/ul | 100 |
| 6) Phenol | 6.85 | 94 | 135168 | 19.853 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.07 | 93 | 109516 | 19.936 | ng/ul | 100 |
| 10) 2-Chlorophenol | 7.22 | 128 | 108184 | 20.788 | ng/ul | 100 |
| 11) 2-Methylphenol | 8.09 | 108 | 97795 | 19.766 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.17 | 45 | 83108 | 21.140 | ng/ul | 100 |
| 14) Acetophenone | 8.46 | 105 | 167509 | 19.818 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.45 | 70 | 98068 | 20.658 | ng/ul | 100 |
| 16) 4-Methylphenol | 8.41 | 108 | 104406 | 19.692 | ng/ul | 100 |
| 17) Hexachloroethane | 8.72 | 117 | 52149 | 19.980 | ng/ul | 100 |
| 20) Nitrobenzene | 8.83 | 77 | 153043 | 21.061 | ng/ul | 100 |
| 21) Isophorone | 9.36 | 82 | 247367 | 21.345 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.53 | 139 | 54994 | 20.569 | ng/ul | 100 |
| 24) 2,4-Dimethylphenol | 9.60 | 107 | 125270 | 20.797 | ng/ul | 100 |
| 25) Bis(2-Chloroethoxy)methane | 9.84 | 93 | 144786 | 21.364 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.07 | 162 | 96984 | 18.680 | ng/ul | 100 |
| 28) Naphthalene | 10.46 | 128 | 313408 | 19.852 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.57 | 127 | 109725 | 19.103 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.77 | 225 | 80750 | 17.633 | ng/ul | 100 |
| 32) Caprolactam | 11.33 | 113 | 27358 | 19.739 | ng/ul | 100 |
| 33) 4-Chloro-3-methylphenol | 11.70 | 107 | 109344 | 20.850 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.09 | 142 | 240995 | 20.502 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.30 | 142 | 237821 | 20.415 | ng/ul | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216 | 150247 | 18.216 | ng/ul | 100 |
| 38) Hexachlorocyclopentadiene | 12.45 | 237 | 94748 | 17.471 | ng/ul | 100 |
| 39) 2,4,6-Trichlorophenol | 12.70 | 196 | 88502 | 19.313 | ng/ul | 100 |
| 40) 2,4,5-Trichlorophenol | 12.77 | 196 | 97049 | 19.064 | ng/ul | 100 |
| 41) 1,1'-Biphenyl | 13.11 | 154 | 331780 | 20.031 | ng/ul | 100 |
| 42) 2-Chloronaphthalene | 13.14 | 162 | 269133 | 19.927 | ng/ul | 100 |
| 43) 2-Nitroaniline | 13.34 | 65 | 79256 | 20.705 | ng/ul | 100 |
| 45) Dimethylphthalate | 13.74 | 163 | 341290 | 19.668 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 13.85 | 165 | 65338 | 19.649 | ng/ul | 100 |
| 48) Acenaphthylene | 14.00 | 152 | 396433 | 20.017 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.17 | 138 | 54539 | 19.124 | ng/ul | 100 |
| 50) Acenaphthene | 14.34 | 153 | 280652 | 19.978 | ng/ul | 100 |
| 51) 2,4-Dinitrophenol | 14.38 | 184 | 29475 | 16.239 | ng/ul | 100 |
| 53) 4-Nitrophenol | 14.49 | 109 | 59713 | 20.097 | ng/ul | 100 |
| 54) Dibenzofuran | 14.68 | 168 | 403820 | 19.675 | ng/ul | 100 |
| 55) 2,4-Dinitrotoluene | 14.64 | 165 | 95778 | 19.477 | ng/ul | 100 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.91 | 232 | 85370 | 18.285 | ng/ul | 100 |
| 57) Diethylphthalate | 15.12 | 149 | 348010 | 19.979 | ng/ul | 100 |
| 59) Fluorene | 15.33 | 166 | 340172 | 19.296 | ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.33 | 204 | 183549 | 18.464 | ng/ul | 100 |
| 61) 4-Nitroaniline | 15.34 | 138 | 65960 | 18.870 | ng/ul | 100 |
| 64) 4,6-Dinitro-2-methylphenol | 15.40 | 198 | 51333 | 17.231 | ng/ul | 100 |
| 65) N-Nitrosodiphenylamine | 15.54 | 169 | 284816 | 19.762 | ng/ul | 100 |
| 66) 4-Bromophenyl-phenylether | 16.22 | 248 | 113654 | 18.670 | ng/ul | 100 |
| 67) Hexachlorobenzene | 16.34 | 284 | 132470 | 18.815 | ng/ul | 100 |
| 68) Atrazine | 16.50 | 200 | 108997 | 18.827 | ng/ul | 100 |
| 69) Pentachlorophenol | 16.68 | 266 | 71447 | 18.171 | ng/ul | 100 |
| 70) Phenanthrene | 17.06 | 178 | 552886 | 19.929 | ng/ul | 100 |
| 72) Anthracene | 17.15 | 178 | 559923 | 19.345 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.07 | 216 | 141814 | 19.242 | ng/uL | 100 |
| 74) Pentachlorobenzene | 14.60 | 250 | 148436 | 19.075 | ng/uL | 100 |
| 75) Carbazole | 17.42 | 167 | 472207 | 19.158 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 18.00 | 149 | 587367 | 19.993 | ng/ul | 100 |
| 77) Fluoranthene | 19.08 | 202 | 661974 | 18.611 | ng/ul | 100 |
| 80) Pyrene | 19.44 | 202 | 694377 | 19.844 | ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.37 | 149 | 261034 | 20.714 | ng/ul | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.13 | 252 | 222314 | 18.730 | ng/ul | 100 |
| 83) Benzo(a)anthracene | 21.20 | 228 | 708428 | 19.784 | ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 393127 | 20.562 | ng/ul | 100 |
| 85) Chrysene | 21.25 | 228 | 686521 | 19.622 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.03 | 149 | 662869 | 17.760 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.76 | 252 | 756873 | 19.695 | ng/ul | 100 |
| 89) Benzo(k)fluoranthene | 22.80 | 252 | 736318 | 19.369 | ng/ul | 100 |
| 91) Benzo(a)pyrene | 23.32 | 252 | 688404 | 19.545 | ng/ul | 100 |
| 92) Indeno(1,2,3-cd)pyrene | 25.61 | 276 | 862965 | 19.484 | ng/ul | 100 |
| 93) Dibenzo(a,h)anthracene | 25.63 | 278 | 727664 | 19.413 | ng/ul | 100 |
| 94) Benzo(g,h,i)perylene | 26.28 | 276 | 718957 | 19.666 | ng/ul | 100 |

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

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