Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024911.D
Acq On : 17 Feb 2020 18:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02020

**Manual Integrations APPROVED**
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2/18/2020 3:17:41 PM

Quant Time: Feb 18 01:33:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 06:02:17 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 298167 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.14 | 136 | 1095974 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.04 | 164 | 675214 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.79 | 188 | 1409776 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.01 | 240 | 1358859 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.11 | 264 | 1518887 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.03 | 96 | 62313 | 10.05 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.59 | 99 | 460254 | 23.24 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.75 | 67 | 273029 | 24.41 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.93 | 132 | 387250 | 21.82 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.10 | 113 | 357493 | 21.39 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.53 | 128 | 183417 | 23.14 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.24 | 143 | 211883 | 22.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.77 | 165 | 402165 | 21.29 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.29 | 131 | 432999 | 24.50 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.46 | 166 | 1069209 | 20.98 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.72 | 160 | 1271486 | 21.36 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.26 | 143 | 167898 | 20.27 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.04 | 176 | 929328 | 20.59 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.17 | 200 | 181635 | 19.77 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.89 | 188 | 1387051 | 21.55 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.20 | 212 | 1548756 | 22.79 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 22.97 | 264 | 1674301 | 21.95 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.07 | 88 | 64070 | 9.801 | ng/uL# | 87 |
| 4) Benzaldehyde | 6.55 | 77 | 194721 | 14.947 | ng/ul | 98 |
| 6) Phenol | 6.62 | 94 | 492258 | 23.611 | ng/ul | 94 |
| 8) Bis(2-Chloroethyl)ether | 6.83 | 93 | 394745 | 23.447 | ng/ul | 98 |
| 10) 2-Chlorophenol | 6.96 | 128 | 417181 | 23.058 | ng/ul | 97 |
| 11) 2-Methylphenol | 7.84 | 108 | 361050 | 22.311 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 7.93 | 45 | 203237 | 15.351 | ng/ul# | 72 |
| 14) Acetophenone | 8.20 | 105 | 586280 | 22.260 | ng/ul# | 94 |
| 15) N-Nitroso-di-n-propylamine | 8.20 | 70 | 276392 | 22.202 | ng/ul# | 87 |
| 16) 4-Methylphenol | 8.17 | 108 | 390883 | 22.371 | ng/ul | 96 |
| 17) Hexachloroethane | 8.45 | 117 | 184782 | 22.650 | ng/ul | 87 |
| 20) Nitrobenzene | 8.57 | 77 | 452509 | 24.048 | ng/ul | 94 |
| 21) Isophorone | 9.10 | 82 | 812994 | 23.825 | ng/ul | 94 |
| 23) 2-Nitrophenol | 9.27 | 139 | 232771 | 23.095 | ng/ul | 95 |
| 24) 2,4-Dimethylphenol | 9.35 | 107 | 429559 | 22.813 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 9.59 | 93 | 507432 | 23.707 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 9.80 | 162 | 406082 | 21.767 | ng/ul | 98 |
| 28) Naphthalene | 10.19 | 128 | 1231028 | 21.984 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.31 | 127 | 447863 | 25.393 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.49 | 225 | 309484 | 19.971 | ng/ul | 98 |
| 32) Caprolactam | 11.07 | 113 | 101130m | 20.679 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.45 | 107 | 370900 | 21.426 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 11.82 | 142 | 893306 | 21.656 | ng/ul | 100 |

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|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.04 | 142 | 837576 | 20.360 ng/ul | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.20 | 216 | 542946 | 22.739 ng/ul | 97 |
| 38) Hexachlorocyclopentadiene | 12.19 | 237 | 302880 | 17.988 ng/ul | 98 |
| 39) 2,4,6-Trichlorophenol | 12.45 | 196 | 333068 | 22.662 ng/ul | 98 |
| 40) 2,4,5-Trichlorophenol | 12.52 | 196 | 350979 | 22.848 ng/ul | 98 |
| 41) 1,1'-Biphenyl | 12.86 | 154 | 1149071 | 23.053 ng/ul# | 98 |
| 42) 2-Chloronaphthalene | 12.89 | 162 | 908702 | 22.328 ng/ul | 98 |
| 43) 2-Nitroaniline | 13.11 | 65 | 218158 | 25.421 ng/ul | 96 |
| 45) Dimethylphthalate | 13.51 | 163 | 1078727 | 20.288 ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.62 | 165 | 232980 | 21.669 ng/ul | 97 |
| 48) Acenaphthylene | 13.75 | 152 | 1324300 | 21.479 ng/ul | 98 |
| 49) 3-Nitroaniline | 13.95 | 138 | 194962 | 24.074 ng/ul | 87 |
| 50) Acenaphthene | 14.10 | 153 | 905324 | 21.743 ng/ul | 97 |
| 51) 2,4-Dinitrophenol | 14.17 | 184 | 112424 | 17.164 ng/ul | 96 |
| 53) 4-Nitrophenol | 14.28 | 109 | 132807 | 19.634 ng/ul | 90 |
| 54) Dibenzofuran | 14.45 | 168 | 1355220 | 21.835 ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.42 | 165 | 320306 | 20.874 ng/ul | 98 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.68 | 232 | 318906 | 21.246 ng/ul | 97 |
| 57) Diethylphthalate | 14.90 | 149 | 1039997 | 19.768 ng/ul | 99 |
| 59) Fluorene | 15.10 | 166 | 1049156 | 20.510 ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.10 | 204 | 590669 | 20.055 ng/ul | 98 |
| 61) 4-Nitroaniline | 15.12 | 138 | 206062 | 20.546 ng/ul | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 15.19 | 198 | 197907 | 20.121 ng/ul | 97 |
| 65) N-Nitrosodiphenylamine | 15.32 | 169 | 924306 | 23.472 ng/ul | 98 |
| 66) 4-Bromophenyl-phenylether | 16.00 | 248 | 383491 | 21.709 ng/ul | 99 |
| 67) Hexachlorobenzene | 16.11 | 284 | 448084 | 21.463 ng/ul | 100 |
| 68) Atrazine | 16.29 | 200 | 339341 | 20.055 ng/ul | 99 |
| 69) Pentachlorophenol | 16.46 | 266 | 262357 | 21.001 ng/ul | 99 |
| 70) Phenanthrene | 16.83 | 178 | 1658567 | 21.577 ng/ul | 100 |
| 72) Anthracene | 16.93 | 178 | 1690747 | 21.688 ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.82 | 216 | 532029 | 22.983 ng/uL | 99 |
| 74) Pentachlorobenzene | 14.37 | 250 | 528863 | 21.528 ng/uL | 98 |
| 75) Carbazole | 17.20 | 167 | 1428686 | 21.998 ng/ul | 99 |
| 76) Di-n-butylphthalate | 17.80 | 149 | 1690560 | 20.459 ng/ul | 100 |
| 77) Fluoranthene | 18.86 | 202 | 1965655 | 20.831 ng/ul# | 95 |
| 80) Pyrene | 19.23 | 202 | 1993678 | 22.165 ng/ul# | 93 |
| 81) Butylbenzylphthalate | 20.17 | 149 | 753341 | 22.391 ng/ul | 92 |
| 82) 3,3'-Dichlorobenzidine | 20.94 | 252 | 654244 | 20.597 ng/ul | 97 |
| 83) Benzo(a)anthracene | 20.99 | 228 | 2062896 | 22.537 ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 20.97 | 149 | 1096238 | 20.585 ng/ul | 99 |
| 85) Chrysene | 21.04 | 228 | 1928947 | 21.406 ng/ul | 100 |
| 87) Di-n-octyl phthalate | 21.82 | 149 | 1818078 | 20.030 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.49 | 252 | 2155930 | 22.322 ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.53 | 252 | 1982780 | 21.329 ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.02 | 252 | 1972713 | 22.782 ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.16 | 276 | 2341109 | 21.717 ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.16 | 278 | 1984156 | 21.602 ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 25.77 | 276 | 1946992 | 21.716 ng/ul | 99 |

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|---|---|---|---|---|---|---|

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

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