Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011520\
Data File : BM024482.D
Acq On : 15 Jan 2020 20:33
Operator : JU
Sample : SSTD08003
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD08003

**Manual Integrations APPROVED**
mohammad
1/16/2020 2:25:24 PM

Quant Time: Jan 16 01:29:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 16 01:05:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.46 | 152 | 182794 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.23 | 136 | 823937 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.11 | 164 | 614894 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.86 | 188 | 1433420 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.07 | 240 | 1436458 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.19 | 264 | 1290188 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.06 | 96 | 115059 | 27.16 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.66 | 99 | 1143295 | 80.10 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.82 | 67 | 598888 | 71.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.01 | 132 | 1012792 | 83.95 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.19 | 113 | 1034860 | 90.26 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.61 | 128 | 513524 | 83.11 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.32 | 143 | 602289 | 101.69 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.86 | 165 | 1245508 | 95.84 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.37 | 131 | 1352507 | 92.27 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6 | 13.54 | 166 | 3941106 | 89.23 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.80 | 160 | 4742622 | 83.17 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.34 | 143 | 704894 | 90.51 | ng/ul | 0.02 |
| 58) Fluorene-d10 | 15.12 | 176 | 3527565 | 90.11 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.25 | 200 | 756033 | 117.72 | ng/ul | 0.02 |
| 71) Anthracene-d10 | 16.97 | 188 | 5613067 | 83.61 | ng/ul | 0.01 |
| 79) Pyrene-d10 | 19.27 | 212 | 6528180 | 85.06 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.07 | 264 | 5887075 | 89.36 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.09 | 88 | 114226 | 26.815 | ng/uL | 94 |
| 4) Benzaldehyde | 6.62 | 77 | 560958 | 71.062 | ng/ul | 98 |
| 6) Phenol | 6.69 | 94 | 1145561 | 78.747 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 6.91 | 93 | 861241 | 75.545 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.04 | 128 | 1010690 | 84.033 | ng/ul | 98 |
| 11) 2-Methylphenol | 7.92 | 108 | 940628 | 85.961 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.00 | 45 | 1006848 | 65.652 | ng/ul | 99 |
| 14) Acetophenone | 8.28 | 105 | 1575263 | 89.328 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.29 | 70 | 766318 | 85.920 | ng/ul | 97 |
| 16) 4-Methylphenol | 8.26 | 108 | 1041623 | 88.916 | ng/ul | 95 |
| 17) Hexachloroethane | 8.53 | 117 | 421794 | 80.438 | ng/ul | 99 |
| 20) Nitrobenzene | 8.65 | 77 | 1181609 | 77.847 | ng/ul | 97 |
| 21) Isophorone | 9.19 | 82 | 2266696 | 81.818 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.35 | 139 | 636370 | 97.471 | ng/ul | 94 |
| 24) 2,4-Dimethylphenol | 9.43 | 107 | 1267618 | 85.318 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 9.67 | 93 | 1306393 | 78.735 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 9.89 | 162 | 1201615 | 96.588 | ng/ul | 99 |
| 28) Naphthalene | 10.27 | 128 | 3486598 | 81.867 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.39 | 127 | 1321095 | 92.122 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.58 | 225 | 877897 | 97.208 | ng/ul | 99 |
| 32) Caprolactam | 11.18 | 113 | 340331m | 89.940 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.54 | 107 | 1230930 | 94.671 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 11.90 | 142 | 2712887 | 91.952 | ng/ul | 98 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.13 | 142 | 2738160 | 92.747 | ng/ul | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.29 | 216 | 1738751 | 86.184 | ng/ul | 99 |
| 38) Hexachlorocyclopentadiene | 12.27 | 237 | 1270806 | 86.040 | ng/ul | 99 |
| 39) 2,4,6-Trichlorophenol | 12.53 | 196 | 1115419 | 93.408 | ng/ul | 98 |
| 40) 2,4,5-Trichlorophenol | 12.60 | 196 | 1189156 | 92.641 | ng/ul | 98 |
| 41) 1,1'-Biphenyl | 12.94 | 154 | 3765431 | 79.819 | ng/ul | 100 |
| 42) 2-Chloronaphthalene | 12.97 | 162 | 3032085 | 80.196 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.19 | 65 | 780101 | 85.036 | ng/ul | 97 |
| 45) Dimethylphthalate | 13.59 | 163 | 4000668 | 88.273 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 13.70 | 165 | 863252 | 106.192 | ng/ul | 98 |
| 48) Acenaphthylene | 13.83 | 152 | 4786980 | 81.463 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.02 | 138 | 655961 | 86.934 | ng/ul | 98 |
| 50) Acenaphthene | 14.18 | 153 | 3231733 | 82.714 | ng/ul | 100 |
| 51) 2,4-Dinitrophenol | 14.23 | 184 | 483068 | 138.321 | ng/ul | 98 |
| 53) 4-Nitrophenol | 14.36 | 109 | 647242 | 95.286 | ng/ul | 94 |
| 54) Dibenzofuran | 14.52 | 168 | 4638440 | 85.980 | ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.49 | 165 | 1262113 | 111.917 | ng/ul | 96 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.75 | 232 | 1148722 | 111.926 | ng/ul | 99 |
| 57) Diethylphthalate | 14.98 | 149 | 4177554 | 93.744 | ng/ul | 99 |
| 59) Fluorene | 15.17 | 166 | 4049843 | 90.889 | ng/ul | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.18 | 204 | 2287322 | 98.415 | ng/ul | 96 |
| 61) 4-Nitroaniline | 15.20 | 138 | 778370 | 86.396 | ng/ul | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 15.26 | 198 | 794480 | 112.922 | ng/ul# | 97 |
| 65) N-Nitrosodiphenylamine | 15.39 | 169 | 3398004 | 79.731 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.07 | 248 | 1468691 | 91.048 | ng/ul | 98 |
| 67) Hexachlorobenzene | 16.18 | 284 | 1621988 | 86.524 | ng/ul | 98 |
| 68) Atrazine | 16.36 | 200 | 1413967 | 89.262 | ng/ul | 98 |
| 69) Pentachlorophenol | 16.52 | 266 | 1021711 | 100.286 | ng/ul | 98 |
| 70) Phenanthrene | 16.91 | 178 | 6480094 | 82.891 | ng/ul | 100 |
| 72) Anthracene | 17.00 | 178 | 6656912 | 83.101 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.90 | 216 | 1746847 | 76.675 | ng/uL | 99 |
| 74) Pentachlorobenzene | 14.44 | 250 | 1812969 | 82.631 | ng/uL | 99 |
| 75) Carbazole | 17.27 | 167 | 5512623 | 79.726 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 17.87 | 149 | 7276007 | 89.836 | ng/ul | 99 |
| 77) Fluoranthene | 18.93 | 202 | 8085687 | 88.922 | ng/ul | 98 |
| 80) Pyrene | 19.30 | 202 | 8230961 | 82.870 | ng/ul | 97 |
| 81) Butylbenzylphthalate | 20.23 | 149 | 3322986 | 92.952 | ng/ul | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.00 | 252 | 2701584 | 81.608 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.06 | 228 | 8195855 | 83.735 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.03 | 149 | 4989662 | 91.741 | ng/ul | 99 |
| 85) Chrysene | 21.12 | 228 | 7789161 | 82.487 | ng/ul | 99 |
| 87) Di-n-octyl phthalate | 21.89 | 149 | 8167676 | 113.965 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.57 | 252 | 7384522 | 93.747 | ng/ul | 100 |
| 89) Benzo(k)fluoranthene | 22.61 | 252 | 7477482 | 96.825 | ng/ul | 98 |
| 91) Benzo(a)pyrene | 23.11 | 252 | 6475728 | 88.674 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.29 | 276 | 6475077 | 68.808 | ng/ul | 96 |
| 93) Dibenzo(a,h)anthracene | 25.30 | 278 | 5545041 | 69.494 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 25.91 | 276 | 5005980 | 63.439 | ng/ul | 100 |

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

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

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