Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011921\
Data File : BM028457.D
Acq On : 19 Jan 2021 13:21
Operator : CG/JU
Sample : SSTD16011
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD160011

Quant Time: Jan 19 13:53:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 19 13:19:35 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.08 | 152 | 30302 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.91 | 136 | 121932 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.72 | 164 | 68749 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.45 | 188 | 131393 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.58 | 240 | 117999 | 20.00 | ng/ul | 0.01 |
| 88) Perylene-d12 | 23.89 | 264 | 116769 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.33 | 96 | 46303 | 61.97 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.78 | 84 | 334180 | 156.97 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.25 | 99 | 405786 | 158.26 | ng/ul | 0.02 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.42 | 67 | 253956 | 160.40 | ng/ul | 0.02 |
| 11) 2-Chlorophenol-d4 | 7.62 | 132 | 353646 | 164.54 | ng/ul | 0.01 |
| 15) 4-Methylphenol-d8 | 8.81 | 113 | 331785 | 160.32 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 9.27 | 128 | 169557 | 171.68 | ng/ul | 0.01 |
| 24) 2-Nitrophenol-d4 | 9.99 | 143 | 190261 | 181.75 | ng/ul | 0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.53 | 165 | 336200 | 170.67 | ng/ul | 0.02 |
| 31) 4-Chloroaniline-d4 | 11.05 | 131 | 444684 | 165.16 | ng/ul | 0.01 |
| 46) Dimethylphthalate-d6 | 14.14 | 166 | 878096 | 169.09 | ng/ul | 0.02 |
| 49) Acenaphthylene-d8 | 14.43 | 160 | 1101119 | 166.81 | ng/ul | 0.01 |
| 54) 4-Nitrophenol-d4 | 14.93 | 143 | 163876 | 163.77 | ng/ul | 0.03 |
| 60) Fluorene-d10 | 15.72 | 176 | 740049 | 160.92 | ng/ul | 0.01 |
| 65) 4,6-Dinitro-2-methylphenol | 15.84 | 200 | 152789 | 179.58 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.56 | 188 | 1062876 | 163.62 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.82 | 212 | 1061444 | 156.62 | ng/ul | 0.01 |
| 92) Benzo(a)pyrene-d12 | 23.76 | 264 | 1012275 | 161.47 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.36 | 88 | 47170 | 61.363 | ng/uL | 97 |
| 5) Pyridine | 3.80 | 79 | 332618 | 155.260 | ng/ul | 96 |
| 6) Benzaldehyde | 7.21 | 77 | 115620 | 116.353 | ng/ul | 99 |
| 8) Phenol | 7.27 | 94 | 408211 | 157.110 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.51 | 93 | 340056 | 160.507 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.65 | 128 | 360753 | 162.839 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.53 | 108 | 315215 | 160.070 | ng/ul | 96 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.62 | 45 | 577826 | 165.088 | ng/ul | 99 |
| 16) Acetophenone | 8.93 | 105 | 504024 | 159.626 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propylamine | 8.94 | 70 | 260751 | 167.500 | ng/ul | 95 |
| 18) 4-Methylphenol | 8.89 | 108 | 336632 | 159.048 | ng/ul | 100 |
| 19) Hexachloroethane | 9.17 | 117 | 163347 | 172.760 | ng/ul | 97 |
| 22) Nitrobenzene | 9.32 | 77 | 395742 | 164.065 | ng/ul | 100 |
| 23) Isophorone | 9.85 | 82 | 713267 | 175.002 | ng/ul | 98 |
| 25) 2-Nitrophenol | 10.03 | 139 | 201551 | 174.312 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 10.08 | 107 | 375711 | 166.216 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)methane | 10.32 | 93 | 453101 | 168.023 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.56 | 162 | 325900 | 169.051 | ng/ul | 99 |
| 30) Naphthalene | 10.96 | 128 | 1117273 | 162.007 | ng/ul | 99 |
| 32) 4-Chloroaniline | 11.07 | 127 | 432130 | 164.411 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.23 | 225 | 216760 | 171.483 | ng/ul | 99 |
| 34) Caprolactam | 11.90 | 113 | 57678 | 99.549 | ng/ul | 98 |
| 35) 4-Chloro-3-methylphenol | 12.20 | 107 | 332548 | 166.835 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.56 | 142 | 762256 | 165.338 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.78 | 142 | 728545 | 164.092 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 39) 1,2,4,5-Tetrachlorobenzene | 12.93 | 216 | 374933 | 162.005 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.90 | 237 | 230984 | 171.682 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.17 | 196 | 247304 | 171.886 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.24 | 196 | 261707 | 167.867 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.57 | 154 | 962555 | 163.985 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.62 | 162 | 746363 | 160.474 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.82 | 65 | 223593 | 174.240 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.19 | 163 | 887275 | 164.604 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 14.32 | 165 | 197629 | 184.722 | ng/ul | 96 |
| 50) Acenaphthylene | 14.46 | 152 | 1114456 | 164.207 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.64 | 138 | 164484 | 161.401 | ng/ul | 99 |
| 52) Acenaphthene | 14.79 | 153 | 787196 | 161.547 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.85 | 184 | 118422 | 184.583 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.95 | 109 | 125003 | 161.017 | ng/ul | 93 |
| 56) Dibenzofuran | 15.13 | 168 | 1054852 | 160.657 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.10 | 165 | 265539 | 176.803 | ng/ul | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.35 | 232 | 220092 | 174.783 | ng/ul | 97 |
| 59) Diethylphthalate | 15.54 | 149 | 928841 | 173.805 | ng/ul | 99 |
| 61) Fluorene | 15.77 | 166 | 878727 | 160.724 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenylether | 15.76 | 204 | 432778 | 163.326 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.80 | 138 | 140057 | 157.371 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylphenol | 15.86 | 198 | 160348 | 174.619 | ng/ul# | 95 |
| 67) N-Nitrosodiphenylamine | 15.97 | 169 | 728311 | 168.006 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.64 | 248 | 264871 | 173.589 | ng/ul | 100 |
| 69) Hexachlorobenzene | 16.77 | 284 | 286584 | 163.455 | ng/ul | 98 |
| 70) Atrazine | 16.92 | 200 | 264254 | 175.705 | ng/ul | 100 |
| 71) Pentachlorophenol | 17.10 | 266 | 179034 | 176.556 | ng/ul | 99 |
| 72) Phenanthrene | 17.50 | 178 | 1286935 | 160.780 | ng/ul | 99 |
| 74) Anthracene | 17.59 | 178 | 1325941 | 162.952 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.53 | 216 | 366446 | 166.399 | ng/uL | 99 |
| 76) Pentachlorobenzene | 15.05 | 250 | 351250 | 164.173 | ng/uL | 98 |
| 77) Carbazole | 17.86 | 167 | 1121850 | 160.460 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.40 | 149 | 1601833 | 197.550 | ng/ul | 100 |
| 80) Fluoranthene | 19.49 | 202 | 1395188 | 156.765 | ng/ul | 97 |
| 82) Pyrene | 19.85 | 202 | 1413556 | 153.535 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.72 | 149 | 685959 | 201.159 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.49 | 252 | 332281 | 134.244 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.56 | 228 | 1251479 | 158.474 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phthalate | 21.47 | 149 | 1053968 | 225.152 | ng/ul | 99 |
| 87) Chrysene | 21.62 | 228 | 1204237 | 154.041 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.37 | 149 | 1727353 | 206.370 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.20 | 252 | 1239588 | 157.966 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.25 | 252 | 1194200 | 154.000 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.81 | 252 | 1126478 | 158.428 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.29 | 276 | 1353233 | 162.343 | ng/ul | 95 |
| 95) Dibenzo(a,h)anthracene | 26.30 | 278 | 1134632 | 160.495 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 27.02 | 276 | 1151836 | 162.687 | ng/ul | 98 |

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

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