Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120520\
Data File : BM028049.D
Acq On : 05 Dec 2020 15:58
Operator : JU/CG
Sample : PB133355BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SLCS355

Quant Time: Dec 07 08:16:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 08:15:07 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.29 | 152 | 193646 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.12 | 136 | 788311 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.91 | 164 | 450103 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.63 | 188 | 909069 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.73 | 240 | 847836 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.14 | 264 | 834230 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.47 | 96 | 30220 | 5.83 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.93 | 84 | 421186 | 30.11 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.42 | 99 | 519899 | 32.25 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.60 | 67 | 320674 | 32.01 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.81 | 132 | 441896 | 32.91 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.99 | 113 | 411459 | 32.36 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.46 | 128 | 203541 | 33.26 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.19 | 143 | 214837 | 35.13 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.73 | 165 | 417113 | 33.63 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.25 | 131 | 537745 | 31.69 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.30 | 166 | 1145743 | 34.41 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.61 | 160 | 1371474 | 32.08 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.07 | 143 | 220308 | 34.30 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.89 | 176 | 971853 | 32.56 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 16.00 | 200 | 180511 | 34.21 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.73 | 188 | 1450773 | 32.55 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.98 | 212 | 1538943 | 34.58 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.99 | 264 | 1518732 | 34.20 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.50 | 88 | 62070 | 11.642 | ng/uL | 95 |
| 5) Pyridine | 3.95 | 79 | 420030 | 29.925 | ng/ul | 97 |
| 6) Benzaldehyde | 7.41 | 77 | 367688 | 55.176 | ng/ul | 98 |
| 8) Phenol | 7.45 | 94 | 518615 | 31.526 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.69 | 93 | 430357 | 31.771 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.84 | 128 | 442343 | 32.000 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.73 | 108 | 392264 | 31.858 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.82 | 45 | 704885 | 32.339 | ng/ul | 100 |
| 16) Acetophenone | 9.12 | 105 | 618495 | 32.509 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propylamine | 9.10 | 70 | 309621 | 34.250 | ng/ul | 99 |
| 18) 4-Methylphenol | 9.06 | 108 | 423252 | 32.064 | ng/ul | 95 |
| 19) Hexachloroethane | 9.39 | 117 | 189210 | 32.613 | ng/ul | 98 |
| 22) Nitrobenzene | 9.51 | 77 | 483174 | 31.994 | ng/ul | 96 |
| 23) Isophorone | 10.04 | 82 | 855292 | 33.854 | ng/ul | 99 |
| 25) 2-Nitrophenol | 10.23 | 139 | 232584 | 33.630 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 10.27 | 107 | 451578 | 31.773 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)methane | 10.51 | 93 | 565802 | 32.624 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.76 | 162 | 398397 | 32.830 | ng/ul | 98 |
| 30) Naphthalene | 11.17 | 128 | 1389235 | 31.208 | ng/ul | 100 |
| 32) 4-Chloroaniline | 11.27 | 127 | 514289 | 31.299 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.45 | 225 | 251885 | 31.701 | ng/ul | 98 |
| 34) Caprolactam | 12.05 | 113 | 122884 | 35.145 | ng/ul | 97 |

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|---|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 12.37 | 107 | 411930 | 33.845 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.76 | 142 | 948930 | 32.421 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.98 | 142 | 915214 | 32.527 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.12 | 216 | 471490 | 30.779 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 13.10 | 237 | 260564 | 29.844 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 13.35 | 196 | 304302 | 33.148 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 13.42 | 196 | 322434 | 32.710 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.75 | 154 | 1208561 | 31.336 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.80 | 162 | 947555 | 31.185 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.99 | 65 | 266723 | 35.305 | ng/ul | 99 |
| 47) Dimethylphthalate | 14.35 | 163 | 1154366 | 33.529 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.47 | 165 | 237851 | 36.388 | ng/ul | 94 |
| 50) Acenaphthylene | 14.64 | 152 | 1420457 | 32.064 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.80 | 138 | 239069 | 36.851 | ng/ul | 99 |
| 52) Acenaphthene | 14.97 | 153 | 1001680 | 31.507 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 15.00 | 184 | 123893 | 32.951 | ng/ul | 94 |
| 55) 4-Nitrophenol | 15.09 | 109 | 160260 | 33.936 | ng/ul | 95 |
| 56) Dibenzofuran | 15.30 | 168 | 1370403 | 31.823 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.25 | 165 | 338446 | 36.951 | ng/ul | 92 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.52 | 232 | 278528 | 35.177 | ng/ul | 98 |
| 59) Diethylphthalate | 15.70 | 149 | 1187269 | 35.198 | ng/ul | 100 |
| 61) Fluorene | 15.94 | 166 | 1145566 | 32.587 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenylether | 15.93 | 204 | 561360 | 32.611 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.95 | 138 | 266671 | 46.399 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylphenol | 16.01 | 198 | 194264 | 33.437 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 16.14 | 169 | 970867 | 32.470 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.82 | 248 | 340523 | 32.775 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.94 | 284 | 384475 | 32.077 | ng/ul | 99 |
| 70) Atrazine | 17.07 | 200 | 345110 | 34.108 | ng/ul | 98 |
| 71) Pentachlorophenol | 17.27 | 266 | 222932 | 33.236 | ng/ul | 99 |
| 72) Phenanthrene | 17.67 | 178 | 1773721 | 32.090 | ng/ul | 99 |
| 74) Anthracene | 17.76 | 178 | 1817567 | 32.285 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.72 | 216 | 476804 | 31.057 | ng/uL | 99 |
| 76) Pentachlorobenzene | 15.22 | 250 | 455876 | 30.986 | ng/uL | 99 |
| 77) Carbazole | 18.02 | 167 | 1574180 | 32.861 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.56 | 149 | 2033413 | 37.239 | ng/ul | 100 |
| 80) Fluoranthene | 19.65 | 202 | 1998998 | 34.277 | ng/ul | 99 |
| 82) Pyrene | 20.01 | 202 | 2051791 | 33.710 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.86 | 149 | 862042 | 39.459 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.64 | 252 | 662970 | 35.290 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.72 | 228 | 1849946 | 32.869 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 1301581 | 39.380 | ng/ul | 99 |
| 87) Chrysene | 21.77 | 228 | 1811730 | 32.569 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.54 | 149 | 2172315 | 38.415 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.41 | 252 | 1894012 | 34.413 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.46 | 252 | 1760676 | 33.150 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.03 | 252 | 1671529 | 33.385 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.63 | 276 | 1975677 | 32.140 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.63 | 278 | 1682888 | 32.389 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.39 | 276 | 1668694 | 32.173 | ng/ul | 99 |

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

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