Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029826.D
Acq On : 05 May 2021 14:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD020024

**Manual Integrations APPROVED**
mohammad
5/6/2021 4:48:45 PM

Quant Time: May 05 15:17:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.56 | 152 | 94888 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.34 | 136 | 378189 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.21 | 164 | 222377 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.96 | 188 | 441702 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.14 | 240 | 497828 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.31 | 264 | 544393 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.08 | 96 | 17540 | 6.83 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.50 | 84 | 94919 | 16.15 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.75 | 99 | 154719 | 18.78 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 6.92 | 67 | 101229 | 19.89 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.10 | 132 | 132339 | 20.16 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.28 | 113 | 117419 | 17.85 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.72 | 128 | 57517 | 20.47 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.44 | 143 | 57670 | 18.80 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.97 | 165 | 112231 | 19.56 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.49 | 131 | 148690 | 17.78 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.63 | 166 | 314049 | 18.91 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.90 | 160 | 427187 | 19.67 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.45 | 143 | 41289 | 16.16 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.21 | 176 | 275981 | 19.53 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 46294 | 15.61 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.06 | 188 | 422436 | 19.34 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.36 | 212 | 481398 | 18.85 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.17 | 264 | 593423 | 19.41 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.11 | 88 | 19567 | 6.909 | ng/uL | 93 |
| 5) Pyridine | 3.52 | 79 | 106306 | 17.171 | ng/ul | 84 |
| 6) Benzaldehyde | 6.72 | 77 | 96466m | 21.726 | ng/ul | |
| 8) Phenol | 6.77 | 94 | 160105 | 19.097 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.00 | 93 | 126522 | 19.296 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.13 | 128 | 132507 | 19.997 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.02 | 108 | 111778 | 17.766 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.10 | 45 | 216535 | 21.179 | ng/ul | 99 |
| 16) Acetophenone | 8.39 | 105 | 190932 | 19.109 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propylamine | 8.37 | 70 | 104588 | 19.855 | ng/ul | 93 |
| 18) 4-Methylphenol | 8.35 | 108 | 121346 | 18.123 | ng/ul | 95 |
| 19) Hexachloroethane | 8.63 | 117 | 62387 | 21.225 | ng/ul | 98 |
| 22) Nitrobenzene | 8.76 | 77 | 151059 | 21.382 | ng/ul | 97 |
| 23) Isophorone | 9.29 | 82 | 273202 | 20.588 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.47 | 139 | 63825 | 19.140 | ng/ul | 92 |
| 26) 2,4-Dimethylphenol | 9.53 | 107 | 137009 | 19.954 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)methane | 9.77 | 93 | 156160 | 20.053 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.00 | 162 | 107307 | 19.431 | ng/ul | 94 |
| 30) Naphthalene | 10.39 | 128 | 401020 | 19.276 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.52 | 127 | 154924 | 18.248 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.67 | 225 | 74231 | 19.507 | ng/ul | 98 |
| 34) Caprolactam | 11.32 | 113 | 29905m | 16.779 | ng/ul | |

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|---|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 11.65 | 107 | 108529 | 18.893 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.01 | 142 | 273191 | 19.260 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.23 | 142 | 269466 | 19.051 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216 | 133167 | 18.901 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.36 | 237 | 67398 | 19.269 | ng/ul | 94 |
| 41) 2,4,6-Trichlorophenol | 12.64 | 196 | 77846 | 18.686 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.72 | 196 | 81702 | 18.226 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.04 | 154 | 337368 | 19.155 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.08 | 162 | 260230 | 19.238 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.30 | 65 | 71369 | 20.037 | ng/ul | 96 |
| 47) Dimethylphthalate | 13.68 | 163 | 319060 | 19.253 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.80 | 165 | 59224 | 18.388 | ng/ul | 94 |
| 50) Acenaphthylene | 13.93 | 152 | 414734 | 19.587 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.14 | 138 | 54928 | 16.107 | ng/ul | 98 |
| 52) Acenaphthene | 14.27 | 153 | 289445 | 19.356 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.36 | 184 | 27054 | 14.635 | ng/ul | 90 |
| 55) 4-Nitrophenol | 14.46 | 109 | 37907 | 20.887 | ng/ul | 86 |
| 56) Dibenzofuran | 14.62 | 168 | 394116 | 19.669 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.60 | 165 | 89953 | 19.786 | ng/ul | 91 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.84 | 232 | 76393 | 19.204 | ng/ul | 96 |
| 59) Diethylphthalate | 15.05 | 149 | 329583 | 19.501 | ng/ul | 98 |
| 61) Fluorene | 15.26 | 166 | 328007 | 19.451 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenylether | 15.26 | 204 | 155926 | 19.173 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.30 | 138 | 61490m | 17.923 | ng/ul | |
| 66) 4,6-Dinitro-2-methylphenol | 15.36 | 198 | 46244 | 16.055 | ng/ul# | 87 |
| 67) N-Nitrosodiphenylamine | 15.48 | 169 | 274231 | 18.975 | ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.16 | 248 | 91866 | 18.606 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.27 | 284 | 111309 | 19.218 | ng/ul | 98 |
| 70) Atrazine | 16.44 | 200 | 87187 | 16.881 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.62 | 266 | 58098 | 18.229 | ng/ul | 93 |
| 72) Phenanthrene | 17.00 | 178 | 509602 | 19.446 | ng/ul | 99 |
| 74) Anthracene | 17.09 | 178 | 515448 | 19.316 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.00 | 216 | 143435 | 18.891 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.53 | 250 | 127124 | 18.334 | ng/uL | 98 |
| 77) Carbazole | 17.37 | 167 | 455505 | 18.685 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 17.94 | 149 | 542004 | 19.228 | ng/ul | 100 |
| 80) Fluoranthene | 19.02 | 202 | 584725 | 18.860 | ng/ul | 98 |
| 82) Pyrene | 19.38 | 202 | 629961 | 19.087 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.30 | 149 | 241141 | 18.436 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.07 | 252 | 199304 | 17.146 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.13 | 228 | 629454 | 19.471 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 386082 | 18.779 | ng/ul# | 98 |
| 87) Chrysene | 21.18 | 228 | 631009 | 19.289 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 21.93 | 149 | 675656 | 17.372 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.66 | 252 | 668330 | 18.771 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.70 | 252 | 709840 | 20.314 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.22 | 252 | 625911 | 19.628 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 25.47 | 276 | 856063 | 20.222 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 25.47 | 278 | 726541 | 20.532 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.12 | 276 | 719500 | 20.371 | ng/ul | 98 |

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

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

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Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 45 Sample Multiplier: 1

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