Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030321\
Data File : BM028978.D
Acq On : 03 Mar 2021 16:28
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02025

**Manual Integrations APPROVED**
Sohil
3/3/2021 5:29:56 PM

Quant Time: Mar 03 16:59:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 03 10:15:41 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 14275 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.57 | 136 | 58717 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.43 | 164 | 36140 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.17 | 188 | 71441 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.34 | 240 | 59500 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.53 | 264 | 51158 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.12 | 96 | 2644 | 8.34 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.95 | 99 | 20813 | 20.18 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.10 | 67 | 12866 | 21.93 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.30 | 132 | 19555 | 21.21 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.50 | 113 | 17995 | 21.68 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.95 | 128 | 8740 | 20.70 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.66 | 143 | 9927 | 21.00 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.20 | 165 | 18564 | 21.19 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.72 | 131 | 24421 | 24.55 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.85 | 166 | 52704 | 21.21 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.12 | 160 | 67798 | 20.34 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.67 | 143 | 7945 | 18.38 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.43 | 176 | 44562 | 20.56 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 7920 | 18.59 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.27 | 188 | 66181 | 20.38 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.56 | 212 | 65529 | 22.41 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.40 | 264 | 53956 | 20.76 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.15 | 88 | 2718 | 8.507 | ng/uL | 94 |
| 4) Benzaldehyde | 6.91 | 77 | 13808 | 26.932 | ng/ul | 99 |
| 6) Phenol | 6.98 | 94 | 22639 | 21.144 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.20 | 93 | 17528 | 21.124 | ng/ul | 97 |
| 10) 2-Chlorophenol | 7.33 | 128 | 19911 | 21.121 | ng/ul | 95 |
| 11) 2-Methylphenol | 8.23 | 108 | 17033 | 21.077 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.29 | 45 | 29941m | 23.339 | ng/ul | |
| 14) Acetophenone | 8.60 | 105 | 29674 | 21.954 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.59 | 70 | 13891 | 23.226 | ng/ul | 91 |
| 16) 4-Methylphenol | 8.56 | 108 | 18361 | 21.357 | ng/ul | 99 |
| 17) Hexachloroethane | 8.83 | 117 | 8470 | 21.017 | ng/ul | 89 |
| 20) Nitrobenzene | 8.99 | 77 | 21580 | 21.762 | ng/ul | 97 |
| 21) Isophorone | 9.51 | 82 | 36718 | 21.933 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.69 | 139 | 11434 | 21.531 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 9.76 | 107 | 22315 | 21.842 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 9.99 | 93 | 23190 | 21.174 | ng/ul | 96 |
| 27) 2,4-Dichlorophenol | 10.23 | 162 | 18506 | 21.162 | ng/ul | 97 |
| 28) Naphthalene | 10.62 | 128 | 62042 | 20.711 | ng/ul | 96 |
| 30) 4-Chloroaniline | 10.75 | 127 | 24779 | 24.550 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.88 | 225 | 12346 | 21.650 | ng/ul | 94 |
| 32) Caprolactam | 11.54 | 113 | 4834 | 20.663 | ng/ul# | 75 |
| 33) 4-Chloro-3-methylphenol | 11.88 | 107 | 19322 | 21.924 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.23 | 142 | 43532 | 21.263 | ng/ul | 99 |

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 03 10:15:41 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.46 | 142 | 42345 | 21.485 ng/ul | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.61 | 216 | 22348 | 19.852 ng/ul | 98 |
| 38) Hexachlorocyclopentadiene | 12.57 | 237 | 7177 | 16.494 ng/ul | 99 |
| 39) 2,4,6-Trichlorophenol | 12.86 | 196 | 14590 | 20.510 ng/ul | 93 |
| 40) 2,4,5-Trichlorophenol | 12.94 | 196 | 15549 | 20.503 ng/ul | 96 |
| 41) 1,1'-Biphenyl | 13.26 | 154 | 55799 | 19.805 ng/ul | 98 |
| 42) 2-Chloronaphthalene | 13.30 | 162 | 43749 | 19.692 ng/ul | 97 |
| 43) 2-Nitroaniline | 13.53 | 65 | 12747 | 22.154 ng/ul | 97 |
| 45) Dimethylphthalate | 13.89 | 163 | 55207 | 21.303 ng/ul | 98 |
| 46) 2,6-Dinitrotoluene | 14.03 | 165 | 11076 | 21.702 ng/ul | 96 |
| 48) Acenaphthylene | 14.15 | 152 | 64400 | 20.360 ng/ul | 100 |
| 49) 3-Nitroaniline | 14.36 | 138 | 11039 | 22.231 ng/ul | 98 |
| 50) Acenaphthene | 14.49 | 153 | 46750 | 20.420 ng/ul | 97 |
| 51) 2,4-Dinitrophenol | 14.59 | 184 | 4782 | 16.699 ng/ul# | 85 |
| 53) 4-Nitrophenol | 14.69 | 109 | 7851 | 20.462 ng/ul | 91 |
| 54) Dibenzofuran | 14.83 | 168 | 64846 | 20.457 ng/ul | 98 |
| 55) 2,4-Dinitrotoluene | 14.82 | 165 | 16042 | 21.650 ng/ul | 91 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.06 | 232 | 12029 | 20.494 ng/ul | 96 |
| 57) Diethylphthalate | 15.26 | 149 | 56088 | 21.408 ng/ul | 98 |
| 59) Fluorene | 15.48 | 166 | 53553 | 20.603 ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.47 | 204 | 26887 | 20.956 ng/ul | 94 |
| 61) 4-Nitroaniline | 15.53 | 138 | 10377 | 20.283 ng/ul | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 15.59 | 198 | 8213 | 19.001 ng/ul# | 88 |
| 65) N-Nitrosodiphenylamine | 15.69 | 169 | 44769 | 20.399 ng/ul | 96 |
| 66) 4-Bromophenyl-phenylether | 16.37 | 248 | 14999 | 20.628 ng/ul | 98 |
| 67) Hexachlorobenzene | 16.48 | 284 | 17200 | 21.063 ng/ul | 97 |
| 68) Atrazine | 16.65 | 200 | 16080 | 20.823 ng/ul | 98 |
| 69) Pentachlorophenol | 16.83 | 266 | 8213 | 18.730 ng/ul | 92 |
| 70) Phenanthrene | 17.22 | 178 | 79424 | 20.282 ng/ul | 100 |
| 72) Anthracene | 17.31 | 178 | 83073 | 20.585 ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.22 | 216 | 22650 | 20.207 ng/uL | 96 |
| 74) Pentachlorobenzene | 14.75 | 250 | 21026 | 20.365 ng/uL | 99 |
| 75) Carbazole | 17.59 | 167 | 71119 | 19.951 ng/ul | 98 |
| 76) Di-n-butylphthalate | 18.13 | 149 | 93438 | 21.805 ng/ul | 99 |
| 77) Fluoranthene | 19.23 | 202 | 85226 | 19.960 ng/ul | 99 |
| 80) Pyrene | 19.59 | 202 | 89663 | 23.004 ng/ul | 98 |
| 81) Butylbenzylphthalate | 20.48 | 149 | 38431 | 22.739 ng/ul | 95 |
| 82) 3,3'-Dichlorobenzidine | 21.26 | 252 | 26272 | 21.894 ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.32 | 228 | 77640 | 20.880 ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.24 | 149 | 56167 | 22.247 ng/ul | 98 |
| 85) Chrysene | 21.37 | 228 | 74862 | 20.753 ng/ul | 99 |
| 87) Di-n-octyl phthalate | 22.11 | 149 | 91201 | 23.487 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.87 | 252 | 69759 | 20.985 ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.92 | 252 | 68156 | 21.970 ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.44 | 252 | 59945 | 20.761 ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 71165 | 19.497 ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.75 | 278 | 61445 | 19.723 ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 26.42 | 276 | 58731 | 19.263 ng/ul | 95 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

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