Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030421\
Data File : BM028980.D
Acq On : 04 Mar 2021 09:07
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02008

Quant Time: Mar 04 09:46:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 04 09:45:23 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 12467 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.56 | 136 | 53152 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.43 | 164 | 34093 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.17 | 188 | 72469 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.34 | 240 | 74172 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.53 | 264 | 69379 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.12 | 96 | 2264 | 8.18 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.95 | 99 | 18914 | 21.00 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.10 | 67 | 11108 | 21.68 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.30 | 132 | 16935 | 21.03 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.50 | 113 | 15998 | 22.07 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.94 | 128 | 7744 | 20.26 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.66 | 143 | 8761 | 20.47 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.20 | 165 | 16857 | 21.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.72 | 131 | 22410 | 24.89 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.85 | 166 | 51707 | 22.06 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.12 | 160 | 63636 | 20.24 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.67 | 143 | 8316 | 20.39 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.42 | 176 | 43128 | 21.09 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 8360 | 19.35 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.27 | 188 | 67880 | 20.61 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.56 | 212 | 73166 | 20.07 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.40 | 264 | 72553 | 20.59 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.16 | 88 | 2422 | 8.680 | ng/uL | 96 |
| 4) Benzaldehyde | 6.91 | 77 | 11777 | 26.302 | ng/ul | 96 |
| 6) Phenol | 6.97 | 94 | 19716 | 21.084 | ng/ul | 96 |
| 8) Bis(2-Chloroethyl)ether | 7.20 | 93 | 15359 | 21.195 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.33 | 128 | 17509 | 21.267 | ng/ul | 98 |
| 11) 2-Methylphenol | 8.23 | 108 | 15282 | 21.653 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.30 | 45 | 26451 | 23.608 | ng/ul | 98 |
| 14) Acetophenone | 8.60 | 105 | 26353 | 22.325 | ng/ul | 95 |
| 15) N-Nitroso-di-n-propylamine | 8.59 | 70 | 12591 | 24.105 | ng/ul | 89 |
| 16) 4-Methylphenol | 8.56 | 108 | 16629 | 22.148 | ng/ul | 97 |
| 17) Hexachloroethane | 8.83 | 117 | 7682 | 21.826 | ng/ul | 95 |
| 20) Nitrobenzene | 8.99 | 77 | 18939 | 21.099 | ng/ul | 98 |
| 21) Isophorone | 9.50 | 82 | 33716 | 22.248 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.69 | 139 | 9701 | 20.180 | ng/ul | 93 |
| 24) 2,4-Dimethylphenol | 9.76 | 107 | 20466 | 22.130 | ng/ul | 93 |
| 25) Bis(2-Chloroethoxy)methane | 9.99 | 93 | 21179 | 21.363 | ng/ul# | 98 |
| 27) 2,4-Dichlorophenol | 10.22 | 162 | 16851 | 21.287 | ng/ul | 95 |
| 28) Naphthalene | 10.62 | 128 | 55189 | 20.353 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.74 | 127 | 22224 | 24.324 | ng/ul | 95 |
| 31) Hexachlorobutadiene | 10.88 | 225 | 11067 | 21.439 | ng/ul | 94 |
| 32) Caprolactam | 11.53 | 113 | 4952 | 23.384 | ng/ul | 88 |
| 33) 4-Chloro-3-methylphenol | 11.88 | 107 | 18204 | 22.818 | ng/ul | 95 |
| 34) 2-Methylnaphthalene | 12.23 | 142 | 40050 | 21.610 | ng/ul | 99 |

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 04 09:45:23 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.45 | 142 | 39289 | 22.022 ng/ul | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.60 | 216 | 20247 | 19.066 ng/ul | 96 |
| 38) Hexachlorocyclopentadiene | 12.57 | 237 | 6515 | 15.872 ng/ul | 99 |
| 39) 2,4,6-Trichlorophenol | 12.86 | 196 | 13550 | 20.192 ng/ul | 91 |
| 40) 2,4,5-Trichlorophenol | 12.93 | 196 | 14660 | 20.491 ng/ul | 97 |
| 41) 1,1'-Biphenyl | 13.26 | 154 | 51774 | 19.479 ng/ul | 99 |
| 42) 2-Chloronaphthalene | 13.30 | 162 | 41093 | 19.607 ng/ul | 98 |
| 43) 2-Nitroaniline | 13.52 | 65 | 11979 | 22.069 ng/ul | 99 |
| 45) Dimethylphthalate | 13.89 | 163 | 52696 | 21.555 ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 14.03 | 165 | 10745 | 22.318 ng/ul | 100 |
| 48) Acenaphthylene | 14.15 | 152 | 59997 | 20.107 ng/ul | 98 |
| 49) 3-Nitroaniline | 14.36 | 138 | 10883 | 23.233 ng/ul | 99 |
| 50) Acenaphthene | 14.49 | 153 | 43902 | 20.327 ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.58 | 184 | 4872 | 18.035 ng/ul# | 81 |
| 53) 4-Nitrophenol | 14.68 | 109 | 8079 | 22.321 ng/ul | 91 |
| 54) Dibenzofuran | 14.83 | 168 | 62046 | 20.749 ng/ul | 98 |
| 55) 2,4-Dinitrotoluene | 14.82 | 165 | 15943 | 22.808 ng/ul# | 88 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.06 | 232 | 11743 | 21.208 ng/ul# | 90 |
| 57) Diethylphthalate | 15.26 | 149 | 56390 | 22.816 ng/ul | 99 |
| 59) Fluorene | 15.48 | 166 | 51793 | 21.122 ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.47 | 204 | 25900 | 21.399 ng/ul | 96 |
| 61) 4-Nitroaniline | 15.52 | 138 | 11071 | 22.939 ng/ul | 90 |
| 64) 4,6-Dinitro-2-methylphenol | 15.59 | 198 | 8771 | 20.004 ng/ul | 97 |
| 65) N-Nitrosodiphenylamine | 15.69 | 169 | 44381 | 19.935 ng/ul | 96 |
| 66) 4-Bromophenyl-phenylether | 16.37 | 248 | 14953 | 20.273 ng/ul | 94 |
| 67) Hexachlorobenzene | 16.47 | 284 | 16701 | 20.162 ng/ul | 100 |
| 68) Atrazine | 16.64 | 200 | 16960 | 21.651 ng/ul | 95 |
| 69) Pentachlorophenol | 16.83 | 266 | 8676 | 19.505 ng/ul | 94 |
| 70) Phenanthrene | 17.22 | 178 | 80982 | 20.386 ng/ul | 99 |
| 72) Anthracene | 17.30 | 178 | 85033 | 20.771 ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.22 | 216 | 20454 | 17.989 ng/uL | 96 |
| 74) Pentachlorobenzene | 14.75 | 250 | 19956 | 19.055 ng/uL | 95 |
| 75) Carbazole | 17.58 | 167 | 75751 | 20.949 ng/ul | 100 |
| 76) Di-n-butylphthalate | 18.13 | 149 | 101221 | 23.286 ng/ul | 99 |
| 77) Fluoranthene | 19.23 | 202 | 95282 | 21.999 ng/ul | 97 |
| 80) Pyrene | 19.59 | 202 | 98914 | 20.357 ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.48 | 149 | 46970 | 22.294 ng/ul | 95 |
| 82) 3,3'-Dichlorobenzidine | 21.26 | 252 | 33605 | 22.466 ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.32 | 228 | 96681 | 20.857 ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.24 | 149 | 73610 | 23.388 ng/ul | 98 |
| 85) Chrysene | 21.37 | 228 | 94135 | 20.934 ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.11 | 149 | 127591 | 24.229 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.88 | 252 | 93628 | 20.768 ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.92 | 252 | 93223 | 22.159 ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.44 | 252 | 81687 | 20.861 ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 92911 | 18.770 ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 25.75 | 278 | 79627 | 18.847 ng/ul | 97 |
| 94) Benzo(g,h,i)perylene | 26.41 | 276 | 75956 | 18.370 ng/ul | 97 |

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

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

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BNA_M
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