Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031921\
Data File : BM029161.D
Acq On : 19 Mar 2021 08:56
Operator : CG/JU
Sample : SSTD00513
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD005013

Quant Time: Mar 19 10:58:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM031921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 19 10:50:26 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 89427 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.56 | 136 | 327798 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.40 | 164 | 200046 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.13 | 188 | 427618 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.30 | 240 | 490407 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.54 | 264 | 547610 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 4256 | 1.93 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.00 | 84 | 0d | 0.00 | ng/ul | |
| 7) Phenol-d5 | 0.00 | 99 | 0d | 0.00 | ng/ul | |
| 9) Bis-(2-Chloroethyl)ether-d | 0.00 | 67 | 0d | 0.00 | ng/ul | |
| 11) 2-Chlorophenol-d4 | 7.31 | 132 | 23952 | 3.78 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 0.00 | 113 | 0d | 0.00 | ng/ul | |
| 21) Nitrobenzene-d5 | 8.92 | 128 | 7865 | 2.96 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.64 | 143 | 7310 | 2.60 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 21491 | 4.06 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 46) Dimethylphthalate-d6 | 13.81 | 166 | 67809 | 4.49 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.09 | 160 | 76242 | 3.97 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 60) Fluorene-d10 | 15.39 | 176 | 59024 | 4.41 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 73) Anthracene-d10 | 17.23 | 188 | 91758 | 4.34 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.52 | 212 | 100157 | 3.56 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.40 | 264 | 128474 | 4.37 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 4315 | 1.902 | ng/uL | 87 |
| 12) 2-Chlorophenol | 7.34 | 128 | 26268 | 4.018 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propylamine | 8.57 | 70 | 18626 | 4.054 | ng/ul | 99 |
| 19) Hexachloroethane | 8.85 | 117 | 11138 | 3.992 | ng/ul | 98 |
| 22) Nitrobenzene | 8.96 | 77 | 24851 | 3.832 | ng/ul | 94 |
| 23) Isophorone | 9.49 | 82 | 47637 | 4.348 | ng/ul | 96 |
| 25) 2-Nitrophenol | 9.67 | 139 | 7755 | 2.495 | ng/ul | 92 |
| 26) 2,4-Dimethylphenol | 9.73 | 107 | 27998 | 4.607 | ng/ul | 95 |
| 27) Bis(2-Chloroethoxy)methane | 9.97 | 93 | 28586 | 3.943 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.20 | 162 | 22805 | 4.400 | ng/ul | 95 |
| 30) Naphthalene | 10.60 | 128 | 82125 | 4.430 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.90 | 225 | 16941 | 4.985 | ng/ul | 89 |
| 35) 4-Chloro-3-methylphenol | 11.83 | 107 | 21671 | 4.044 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.22 | 142 | 57069 | 4.604 | ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.44 | 142 | 56839 | 4.762 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.59 | 216 | 31977 | 4.748 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 12.83 | 196 | 15359 | 3.669 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 12.89 | 196 | 16281 | 3.589 | ng/ul | 94 |
| 43) 1,1'-Biphenyl | 13.23 | 154 | 73533 | 4.305 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.27 | 162 | 58193 | 4.300 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.47 | 65 | 8972 | 2.403 | ng/ul | 96 |
| 47) Dimethylphthalate | 13.86 | 163 | 70059 | 4.467 | ng/ul | 98 |

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|---|---|---|---|---|---|
| 48) 2,6-Dinitrotoluene | 13.97 | 165 | 7891 | 2.535 ng/ul# | 83 |
| 50) Acenaphthylene | 14.12 | 152 | 79891 | 4.045 ng/ul | 98 |
| 52) Acenaphthene | 14.46 | 153 | 62151 | 4.383 ng/ul | 95 |
| 56) Dibenzofuran | 14.79 | 168 | 88242 | 4.619 ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.75 | 165 | 10821 | 2.476 ng/ul# | 94 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.02 | 232 | 12658 | 3.455 ng/ul# | 94 |
| 59) Diethylphthalate | 15.22 | 149 | 67776 | 4.358 ng/ul | 97 |
| 61) Fluorene | 15.44 | 166 | 70486 | 4.431 ng/ul | 95 |
| 62) 4-Chlorophenyl-phenylether | 15.44 | 204 | 36766 | 4.768 ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.65 | 169 | 59973 | 4.251 ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.33 | 248 | 20292 | 4.086 ng/ul | 98 |
| 69) Hexachlorobenzene | 16.44 | 284 | 22887 | 4.011 ng/ul | 97 |
| 72) Phenanthrene | 17.17 | 178 | 116154 | 4.459 ng/ul | 99 |
| 74) Anthracene | 17.26 | 178 | 115310 | 4.354 ng/ul | 98 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.19 | 216 | 30757 | 4.291 ng/uL | 98 |
| 76) Pentachlorobenzene | 14.72 | 250 | 30725 | 4.413 ng/uL | 97 |
| 78) Di-n-butylphthalate | 18.11 | 149 | 100145 | 3.795 ng/ul | 99 |
| 80) Fluoranthene | 19.19 | 202 | 131710 | 3.561 ng/ul | 99 |
| 82) Pyrene | 19.54 | 202 | 137567 | 3.595 ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.46 | 149 | 42278 | 2.983 ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.29 | 228 | 143581 | 4.375 ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phthalate | 21.24 | 149 | 74623 | 3.836 ng/ul | 99 |
| 87) Chrysene | 21.33 | 228 | 144266 | 4.440 ng/ul | 99 |
| 90) Benzo(b)fluoranthene | 22.87 | 252 | 158865 | 4.317 ng/ul | 97 |
| 91) Benzo(k)fluoranthene | 22.91 | 252 | 160258 | 4.407 ng/ul | 97 |
| 93) Benzo(a)pyrene | 23.44 | 252 | 142298 | 4.267 ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 25.80 | 276 | 189704 | 4.853 ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 25.82 | 278 | 162932 | 4.914 ng/ul | 96 |
| 96) Benzo(g,h,i)perylene | 26.50 | 276 | 157265 | 4.736 ng/ul | 97 |

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

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