Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047709.D
Acq On : 11 Dec 2020 10:11
Operator : CG/JU
Sample : SSTD00503
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD005003

**Manual Integrations APPROVED**
mohammad
12/14/2020 2:43:50 PM

Quant Time: Dec 11 13:14:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 12:42:47 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.21 | 152 | 21006 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.03 | 136 | 82593 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.83 | 164 | 62899 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.56 | 188 | 165018 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.84 | 240 | 191304 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.19 | 264 | 202965 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.54 | 96 | 1009m | 2.30 | ng/uL | 0.02 |
| 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 | 7.72 | 132 | 6776m | 5.06 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 0.00 | 113 | 0d | 0.00 | ng/ul | |
| 21) Nitrobenzene-d5 | 9.37 | 128 | 3454 | 5.02 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.10 | 143 | 3362 | 4.01 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.64 | 165 | 8139 | 4.90 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 46) Dimethylphthalate-d6 | 14.21 | 166 | 25605 | 4.79 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.53 | 160 | 29439 | 4.81 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 60) Fluorene-d10 | 15.81 | 176 | 25146 | 5.15 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 73) Anthracene-d10 | 17.66 | 188 | 40616 | 5.08 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.93 | 212 | 49572 | 4.19 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.95 | 264 | 54178 | 4.74 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.56 | 88 | 1145m | 2.521 | ng/uL | |
| 12) 2-Chlorophenol | 7.76 | 128 | 7028 | 5.207 | ng/ul | 92 |
| 17) N-Nitroso-di-n-propylamine | 9.00 | 70 | 6039 | 4.773 | ng/ul# | 92 |
| 19) Hexachloroethane | 9.30 | 117 | 3080 | 4.806 | ng/ul# | 83 |
| 22) Nitrobenzene | 9.41 | 77 | 10234 | 4.905 | ng/ul# | 97 |
| 23) Isophorone | 9.94 | 82 | 18080 | 4.929 | ng/ul# | 93 |
| 25) 2-Nitrophenol | 10.14 | 139 | 3929 | 4.668 | ng/ul# | 85 |
| 26) 2,4-Dimethylphenol | 10.18 | 107 | 9134 | 4.650 | ng/ul | 94 |
| 27) Bis(2-Chloroethoxy)methane | 10.42 | 93 | 9086 | 5.469 | ng/ul# | 94 |
| 29) 2,4-Dichlorophenol | 10.67 | 162 | 7386 | 4.828 | ng/ul | 99 |
| 30) Naphthalene | 11.08 | 128 | 22212 | 4.847 | ng/ul# | 93 |
| 33) Hexachlorobutadiene | 11.36 | 225 | 8718 | 5.553 | ng/ul | 94 |
| 35) 4-Chloro-3-methylphenol | 12.29 | 107 | 8299 | 4.764 | ng/ul# | 90 |
| 36) 2-Methylnaphthalene | 12.68 | 142 | 16368 | 4.703 | ng/ul | 94 |
| 37) 1-Methylnaphthalene | 12.89 | 142 | 15624 | 4.674 | ng/ul# | 89 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 13838 | 5.405 | ng/ul | 88 |
| 41) 2,4,6-Trichlorophenol | 13.26 | 196 | 7183 | 4.502 | ng/ul# | 89 |
| 42) 2,4,5-Trichlorophenol | 13.34 | 196 | 8488m | 4.864 | ng/ul | |
| 43) 1,1'-Biphenyl | 13.66 | 154 | 24906 | 5.100 | ng/ul# | 85 |
| 44) 2-Chloronaphthalene | 13.71 | 162 | 18850 | 4.794 | ng/ul# | 79 |
| 45) 2-Nitroaniline | 13.90 | 65 | 5773 | 4.276 | ng/ul | 93 |
| 47) Dimethylphthalate | 14.27 | 163 | 25794 | 4.647 | ng/ul# | 92 |

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|---|---|---|---|---|---|
| 48) 2,6-Dinitrotoluene | 14.38 | 165 | 5122 | 4.412 ng/ul# | 87 |
| 50) Acenaphthylene | 14.56 | 152 | 27164 | 4.717 ng/ul# | 92 |
| 52) Acenaphthene | 14.89 | 153 | 19757 | 4.728 ng/ul | 94 |
| 56) Dibenzofuran | 15.22 | 168 | 28615 | 4.720 ng/ul | 96 |
| 57) 2,4-Dinitrotoluene | 15.17 | 165 | 8600 | 5.185 ng/ul# | 87 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.44 | 232 | 6966 | 4.344 ng/ul | 99 |
| 59) Diethylphthalate | 15.61 | 149 | 27121 | 5.015 ng/ul | 93 |
| 61) Fluorene | 15.87 | 166 | 25339 | 4.947 ng/ul | 99 |
| 62) 4-Chlorophenyl-phenylether | 15.85 | 204 | 15388 | 4.908 ng/ul# | 84 |
| 67) N-Nitrosodiphenylamine | 16.07 | 169 | 23132 | 5.095 ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.75 | 248 | 10457 | 4.853 ng/ul | 90 |
| 69) Hexachlorobenzene | 16.87 | 284 | 11380 | 4.958 ng/ul# | 86 |
| 72) Phenanthrene | 17.60 | 178 | 45926m | 5.186 ng/ul | |
| 74) Anthracene | 17.70 | 178 | 44746 | 5.046 ng/ul | 95 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.63 | 216 | 12831 | 4.790 ng/uL# | 92 |
| 76) Pentachlorobenzene | 15.14 | 250 | 12859 | 4.817 ng/uL | 99 |
| 78) Di-n-butylphthalate | 18.50 | 149 | 43604 | 5.071 ng/ul | 97 |
| 80) Fluoranthene | 19.60 | 202 | 62024 | 4.292 ng/ul | 99 |
| 82) Pyrene | 19.96 | 202 | 63686 | 4.504 ng/ul# | 97 |
| 83) Butylbenzylphthalate | 20.82 | 149 | 21241 | 4.502 ng/ul | 90 |
| 85) Benzo(a)anthracene | 21.82 | 228 | 66671 | 4.909 ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phthalate | 21.70 | 149 | 29063 | 4.535 ng/ul | 96 |
| 87) Chrysene | 21.88 | 228 | 65721 | 5.106 ng/ul | 96 |
| 90) Benzo(b)fluoranthene | 24.12 | 252 | 71522 | 5.093 ng/ul# | 96 |
| 91) Benzo(k)fluoranthene | 24.19 | 252 | 69415 | 5.052 ng/ul# | 93 |
| 93) Benzo(a)pyrene | 25.03 | 252 | 61356 | 4.872 ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 29.01 | 276 | 77875m | 5.109 ng/ul | |
| 95) Dibenzo(a,h)anthracene | 29.10 | 278 | 66038m | 5.183 ng/ul | |
| 96) Benzo(g,h,i)perylene | 30.24 | 276 | 63034m | 5.047 ng/ul | |

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

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