Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG092920\
Data File : BG046722.D
Acq On : 29 Sep 2020 17:01
Operator : CG/JU
Sample : SSTD00527
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD00527

Quant Time: Sep 29 19:09:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 29 19:01:34 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.12 | 152 | 60636 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.93 | 136 | 241382 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.74 | 164 | 179216 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.48 | 188 | 412897 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.76 | 240 | 472689 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.04 | 264 | 464338 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.54 | 96 | 2584 | 2.10 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.26 | 99 | 24943 | 5.24 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.28 | 67 | 831 | 0.28 | ng/ul | -0.15 |
| 9) 2-Chlorophenol-d4 | 7.64 | 132 | 18019 | 4.73 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.81 | 113 | 20566 | 5.12 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.27 | 128 | 8520 | 5.00 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.00 | 143 | 8212 | 4.71 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.54 | 165 | 19703 | 5.00 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.05 | 131 | 26248 | 5.91 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.14 | 166 | 68892 | 4.93 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.44 | 160 | 82118 | 4.95 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.91 | 143 | 9214 | 4.04 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.73 | 176 | 65313 | 5.13 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.83 | 200 | 6980 | 3.38 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.48 | 188 | 412897 | 21.68 | ng/ul | -0.10 |
| 79) Pyrene-d10 | 19.86 | 212 | 120893 | 4.84 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.81 | 264 | 127196 | 4.94 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.58 | 88 | 3727 | 2.479 | ng/uL# | 76 |
| 4) Benzaldehyde | 7.26 | 77 | 20076 | 5.918 | ng/ul | 91 |
| 6) Phenol | 7.28 | 94 | 27687 | 5.649 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.53 | 93 | 22326 | 5.566 | ng/ul | 85 |
| 10) 2-Chlorophenol | 7.67 | 128 | 19170 | 4.965 | ng/ul | 94 |
| 11) 2-Methylphenol | 8.55 | 108 | 19384 | 4.908 | ng/ul | 95 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.65 | 45 | 36221 | 5.343 | ng/ul# | 97 |
| 14) Acetophenone | 8.94 | 105 | 35834 | 6.050 | ng/ul# | 86 |
| 15) N-Nitroso-di-n-propylamine | 8.92 | 70 | 18202 | 5.679 | ng/ul | 97 |
| 16) 4-Methylphenol | 8.87 | 108 | 21130 | 4.994 | ng/ul | 93 |
| 17) Hexachloroethane | 9.21 | 117 | 9062 | 5.531 | ng/ul | 91 |
| 20) Nitrobenzene | 9.32 | 77 | 23626 | 5.396 | ng/ul | 95 |
| 21) Isophorone | 9.84 | 82 | 52009 | 6.078 | ng/ul | 99 |
| 23) 2-Nitrophenol | 10.03 | 139 | 8363 | 4.289 | ng/ul# | 88 |
| 24) 2,4-Dimethylphenol | 10.08 | 107 | 25438 | 5.887 | ng/ul | 89 |
| 25) Bis(2-Chloroethoxy)methane | 10.32 | 93 | 31349 | 5.792 | ng/ul | 93 |
| 27) 2,4-Dichlorophenol | 10.56 | 162 | 20047 | 5.159 | ng/ul | 93 |
| 28) Naphthalene | 10.98 | 128 | 66916 | 5.180 | ng/ul | 99 |
| 30) 4-Chloroaniline | 11.08 | 127 | 25586 | 5.992 | ng/ul# | 87 |
| 31) Hexachlorobutadiene | 11.27 | 225 | 17702 | 5.920 | ng/ul | 91 |
| 32) Caprolactam | 11.81 | 113 | 6236 | 4.761 | ng/ul | 88 |
| 33) 4-Chloro-3-methylphenol | 12.18 | 107 | 22839 | 5.733 | ng/ul# | 85 |
| 34) 2-Methylnaphthalene | 12.58 | 142 | 51038 | 5.255 | ng/ul | 90 |

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**Instrument :** BNA_G
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|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.80 | 142 | 48180 | 5.023 ng/uL | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 33342 | 5.381 ng/ul | 97 |
| 38) Hexachlorocyclopentadiene | 12.93 | 237 | 17521 | 4.939 ng/ul# | 89 |
| 39) 2,4,6-Trichlorophenol | 13.17 | 196 | 17077 | 4.715 ng/ul | 95 |
| 40) 2,4,5-Trichlorophenol | 13.24 | 196 | 18519 | 4.704 ng/ul | 92 |
| 41) 1,1'-Biphenyl | 13.58 | 154 | 70339 | 5.073 ng/ul | 97 |
| 42) 2-Chloronaphthalene | 13.62 | 162 | 57414 | 5.190 ng/ul | 93 |
| 43) 2-Nitroaniline | 13.81 | 65 | 10560 | 4.049 ng/ul | 99 |
| 45) Dimethylphthalate | 14.19 | 163 | 68868 | 4.913 ng/ul# | 93 |
| 46) 2,6-Dinitrotoluene | 14.30 | 165 | 9693 | 3.626 ng/ul# | 89 |
| 48) Acenaphthylene | 14.46 | 152 | 82127 | 4.839 ng/ul | 95 |
| 49) 3-Nitroaniline | 14.63 | 138 | 9550 | 3.792 ng/ul# | 76 |
| 50) Acenaphthene | 14.81 | 153 | 58491 | 4.786 ng/ul | 96 |
| 51) 2,4-Dinitrophenol | 14.83 | 184 | 4474 | 3.781 ng/ul# | 61 |
| 53) 4-Nitrophenol | 14.92 | 109 | 8443 | 5.154 ng/ul | 86 |
| 54) Dibenzofuran | 15.13 | 168 | 86540 | 5.193 ng/ul | 98 |
| 55) 2,4-Dinitrotoluene | 15.08 | 165 | 12859 | 3.378 ng/ul# | 98 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.35 | 232 | 16897 | 4.603 ng/ul# | 95 |
| 57) Diethylphthalate | 15.55 | 149 | 67457 | 4.872 ng/ul# | 98 |
| 59) Fluorene | 15.79 | 166 | 70277 | 4.973 ng/ul | 89 |
| 60) 4-Chlorophenyl-phenylether | 15.77 | 204 | 41449 | 5.583 ng/ul | 93 |
| 61) 4-Nitroaniline | 15.79 | 138 | 12652 | 4.507 ng/ul# | 74 |
| 64) 4,6-Dinitro-2-methylphenol | 15.85 | 198 | 7051 | 3.203 ng/ul# | 97 |
| 65) N-Nitrosodiphenylamine | 15.99 | 169 | 60512 | 5.040 ng/ul# | 93 |
| 66) 4-Bromophenyl-phenylether | 16.67 | 248 | 25753 | 5.019 ng/ul | 94 |
| 67) Hexachlorobenzene | 16.79 | 284 | 22751 | 3.928 ng/ul | 97 |
| 68) Atrazine | 16.93 | 200 | 23578 | 4.913 ng/ul | 92 |
| 69) Pentachlorophenol | 17.13 | 266 | 11972 | 3.878 ng/ul | 88 |
| 70) Phenanthrene | 17.53 | 178 | 120823 | 5.243 ng/ul | 97 |
| 72) Anthracene | 17.61 | 178 | 122445 | 5.333 ng/ul | 98 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.54 | 216 | 31744 | 5.120 ng/uL | 95 |
| 74) Pentachlorobenzene | 15.05 | 250 | 32383 | 5.172 ng/uL | 92 |
| 75) Carbazole | 17.88 | 167 | 100676 | 5.464 ng/ul | 98 |
| 76) Di-n-butylphthalate | 18.44 | 149 | 112982 | 4.984 ng/ul | 98 |
| 77) Fluoranthene | 19.53 | 202 | 156131 | 6.177 ng/ul | 99 |
| 80) Pyrene | 19.89 | 202 | 162882 | 5.096 ng/ul | 97 |
| 81) Butylbenzylphthalate | 20.77 | 149 | 45566 | 4.153 ng/ul | 93 |
| 82) 3,3'-Dichlorobenzidine | 21.65 | 252 | 50980 | 5.025 ng/ul# | 97 |
| 83) Benzo(a)anthracene | 21.74 | 228 | 158549 | 5.093 ng/ul | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.66 | 149 | 73026 | 4.576 ng/ul# | 95 |
| 85) Chrysene | 21.80 | 228 | 156811 | 5.182 ng/ul | 95 |
| 87) Di-n-octyl phthalate | 22.90 | 149 | 119678 | 4.933 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.99 | 252 | 159781 | 5.093 ng/ul | 97 |
| 89) Benzo(k)fluoranthene | 24.06 | 252 | 154334 | 5.011 ng/ul | 97 |
| 91) Benzo(a)pyrene | 24.88 | 252 | 145875 | 5.071 ng/ul | 94 |
| 92) Indeno(1,2,3-cd)pyrene | 28.77 | 276 | 134511 | 3.744 ng/ul# | 94 |
| 93) Dibenzo(a,h)anthracene | 28.85 | 278 | 145291 | 4.943 ng/ul | 95 |
| 94) Benzo(g,h,i)perylene | 29.93 | 276 | 148833 | 4.901 ng/ul | 98 |

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**ClientSampleId :**
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|---|---|---|---|---|---|---|

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

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