Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046734.D
Acq On : 2 Oct 2020 12:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 10:06:22 2020
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD02022

**Manual Integrations APPROVED**
mohammad
10/5/2020 10:19:21 AM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.115 | 152 | 68294 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.929 | 136 | 280034 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.736 | 164 | 213051 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.480 | 188 | 537281 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.757 | 240 | 578758 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.030 | 264 | 576162 | 20.00 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.532 | 96 | 9442 | 6.79 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.251 | 99 | 108429 | 18.55 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)eth... | 7.433 | 67 | 61991 | 17.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.639 | 132 | 77178 | 18.09 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.808 | 113 | 83864 | 18.35 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.272 | 128 | 39365 | 18.78 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.001 | 143 | 42050 | 19.74 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.535 | 165 | 93422 | 18.64 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.046 | 131 | 112588 | 18.90 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.137 | 166 | 292236 | 17.95 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.431 | 160 | 332502 | 17.20 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.907 | 143 | 50969 | 18.36 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.723 | 176 | 268744 | 17.91 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylph... | 15.829 | 200 | 46785 | 17.43 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.574 | 188 | 418662 | 16.98 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.854 | 212 | 533603 | 17.77 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.801 | 264 | 538213 | 17.33 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.561 | 88 | 12050 | 6.76 | ng/uL | 93 |
| 4) Benzaldehyde | 7.245 | 77 | 80099 | 19.43 | ng/ul | 98 |
| 6) Phenol | 7.280 | 94 | 110428 | 18.03 | ng/ul | 96 |
| 8) Bis(2-Chloroethyl)ether | 7.527 | 93 | 85111 | 18.05 | ng/ul | 94 |
| 10) 2-Chlorophenol | 7.674 | 128 | 78412 | 18.02 | ng/ul | 94 |
| 11) 2-Methylphenol | 8.543 | 108 | 82189 | 18.21 | ng/ul | 91 |
| 12) 2,2'-oxybis(1-Chloropr... | 8.643 | 45 | 133704 | 18.02 | ng/ul | 96 |
| 14) Acetophenone | 8.931 | 105 | 138926 | 18.75 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propyla... | 8.914 | 70 | 72519 | 18.12 | ng/ul# | 92 |
| 16) 4-Methylphenol | 8.867 | 108 | 89803 | 18.65 | ng/ul | 91 |
| 17) Hexachloroethane | 9.201 | 117 | 34472 | 17.06 | ng/ul | 96 |
| 20) Nitrobenzene | 9.313 | 77 | 112336 | 18.79 | ng/ul# | 97 |
| 21) Isophorone | 9.836 | 82 | 205914 | 17.27 | ng/ul | 99 |
| 23) 2-Nitrophenol | 10.030 | 139 | 44208 | 19.05 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 10.083 | 107 | 101570 | 17.47 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)met... | 10.324 | 93 | 117040 | 16.85 | ng/ul | 97 |
| 27) 2,4-Dichlorophenol | 10.559 | 162 | 89865 | 18.42 | ng/ul | 99 |
| 28) Naphthalene | 10.976 | 128 | 269242 | 17.37 | ng/ul | 97 |
| 30) 4-Chloroaniline | 11.070 | 127 | 108253 | 18.67 | ng/ul# | 89 |
| 31) Hexachlorobutadiene | 11.264 | 225 | 73652 | 17.57 | ng/ul | 95 |
| 32) Caprolactam | 11.828 | 113 | 30827 | 18.31 | ng/ul | 91 |
| 33) 4-Chloro-3-methylphenol | 12.180 | 107 | 101279 | 19.00 | ng/ul | 94 |
| 34) 2-Methylnaphthalene | 12.574 | 142 | 199300 | 17.58 | ng/ul | 95 |
| 35) 1-Methylnaphthalene | 12.791 | 142 | 198399 | 18.06 | ng/uL | 96 |
| 37) 1,2,4,5-Tetrachloroben... | 12.932 | 216 | 132638 | 17.01 | ng/ul | 98 |

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
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mohammad
10/5/2020 10:19:21 AM

Quant Time: Oct 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 10:06:22 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 38) Hexachlorocyclopentadiene | 12.921 | 237 | 86142 | 17.08 | ng/ul# | 97 |
| 39) 2,4,6-Trichlorophenol | 13.167 | 196 | 85054 | 18.43 | ng/ul | 93 |
| 40) 2,4,5-Trichlorophenol | 13.232 | 196 | 93964m | 19.18 | ng/ul | |
| 41) 1,1'-Biphenyl | 13.573 | 154 | 283307 | 17.29 | ng/ul | 97 |
| 42) 2-Chloronaphthalene | 13.614 | 162 | 227502 | 17.33 | ng/ul | 95 |
| 43) 2-Nitroaniline | 13.808 | 65 | 73073 | 21.02 | ng/ul | 92 |
| 45) Dimethylphthalate | 14.184 | 163 | 300509 | 18.24 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 14.301 | 165 | 59156 | 20.29 | ng/ul | 97 |
| 48) Acenaphthylene | 14.460 | 152 | 335904 | 17.64 | ng/ul | 97 |
| 49) 3-Nitroaniline | 14.625 | 138 | 54846 | 18.89 | ng/ul# | 92 |
| 50) Acenaphthene | 14.801 | 153 | 232227 | 17.13 | ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.824 | 184 | 31215 | 17.83 | ng/ul# | 69 |
| 53) 4-Nitrophenol | 14.918 | 109 | 54826 | 19.94 | ng/ul | 97 |
| 54) Dibenzofuran | 15.136 | 168 | 345598 | 17.36 | ng/ul | 100 |
| 55) 2,4-Dinitrotoluene | 15.083 | 165 | 86176 | 21.36 | ng/ul# | 97 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.353 | 232 | 89875 | 19.69 | ng/ul# | 96 |
| 57) Diethylphthalate | 15.547 | 149 | 297952 | 18.10 | ng/ul | 98 |
| 59) Fluorene | 15.782 | 166 | 282780 | 17.49 | ng/ul | 95 |
| 60) 4-Chlorophenyl-phenyle... | 15.776 | 204 | 164040 | 17.62 | ng/ul | 96 |
| 61) 4-Nitroaniline | 15.788 | 138 | 64043 | 20.06 | ng/ul | 96 |
| 64) 4,6-Dinitro-2-methylph... | 15.847 | 198 | 51179 | 17.36 | ng/ul | 98 |
| 65) N-Nitrosodiphenylamine | 15.982 | 169 | 258865 | 16.74 | ng/ul | 97 |
| 66) 4-Bromophenyl-phenylether | 16.669 | 248 | 113221 | 16.88 | ng/ul | 94 |
| 67) Hexachlorobenzene | 16.787 | 284 | 111806 | 19.33 | ng/ul | 95 |
| 68) Atrazine | 16.928 | 200 | 112552 | 17.57 | ng/ul | 98 |
| 69) Pentachlorophenol | 17.122 | 266 | 75264 | 17.80 | ng/ul | 98 |
| 70) Phenanthrene | 17.521 | 178 | 498478 | 16.97 | ng/ul | 99 |
| 72) Anthracene | 17.609 | 178 | 506909 | 17.03 | ng/ul | 97 |
| 73) 1,2,3,4-Tetrachloroben... | 13.538 | 216 | 132502 | 15.98 | ng/uL | 98 |
| 74) Pentachlorobenzene | 15.053 | 250 | 139024 | 16.50 | ng/uL | 92 |
| 75) Carbazole | 17.874 | 167 | 428372 | 18.06 | ng/ul | 98 |
| 76) Di-n-butylphthalate | 18.438 | 149 | 525721 | 17.87 | ng/ul | 99 |
| 77) Fluoranthene | 19.525 | 202 | 655194 | 18.78 | ng/ul | 100 |
| 80) Pyrene | 19.883 | 202 | 651484 | 17.51 | ng/ul | 98 |
| 81) Butylbenzylphthalate | 20.770 | 149 | 234324 | 18.07 | ng/ul | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.646 | 252 | 239184 | 17.67 | ng/ul | 97 |
| 83) Benzo(a)anthracene | 21.734 | 228 | 660585 | 17.44 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.646 | 149 | 337393 | 17.50 | ng/ul | 100 |
| 85) Chrysene | 21.804 | 228 | 627690 | 17.09 | ng/ul | 99 |
| 87) Di-n-octyl phthalate | 22.885 | 149 | 585240 | 18.60 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.984 | 252 | 655962 | 17.26 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 24.055 | 252 | 652112 | 17.60 | ng/ul | 98 |
| 91) Benzo(a)pyrene | 24.877 | 252 | 601995 | 17.34 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 28.755 | 276 | 729201m | 17.12 | ng/ul | |
| 93) Dibenzo(a,h)anthracene | 28.831 | 278 | 602651 | 17.08 | ng/ul | 94 |
| 94) Benzo(g,h,i)perylene | 29.930 | 276 | 612955 | 17.18 | ng/ul | 97 |

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

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