Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058082.D
Acq On : 7 Jul 2023 19:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 20:24:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 05 23:20:13 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD020500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.917 | 152 | 45947 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.720 | 136 | 204392 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.557 | 164 | 150047 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.300 | 188 | 382378 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.554 | 240 | 344085 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.703 | 264 | 441110 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.358 | 96 | 11255m | 8.578 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.769 | 84 | 80547 | 20.220 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.083 | 99 | 95879 | 20.433 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.242 | 67 | 59414 | 21.011 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.447 | 132 | 66775 | 20.633 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.622 | 113 | 73403 | 20.732 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 9.075 | 128 | 35898 | 21.549 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.797 | 143 | 40365 | 23.055 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.344 | 165 | 74044 | 22.046 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.855 | 131 | 112715 | 22.135 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.957 | 166 | 253632 | 21.424 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.251 | 160 | 277915 | 21.512 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.756 | 143 | 44458 | 21.255 | ng/ul | -0.01 |
| 60) Fluorene-d10 | 15.544 | 176 | 220201 | 21.901 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.667 | 200 | 45101 | 21.722 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.400 | 188 | 387085 | 21.816 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.686 | 212 | 454590 | 20.977 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.486 | 264 | 468575 | 20.850 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.393 | 88 | 11856 | 7.314 | ng/uL | 94 |
| 5) Pyridine | 3.787 | 79 | 84056 | 20.594 | ng/ul | 98 |
| 6) Benzaldehyde | 7.054 | 77 | 20321 | 12.968 | ng/ul | 98 |
| 8) Phenol | 7.106 | 94 | 99550 | 20.907 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.336 | 93 | 77589 | 21.103 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.482 | 128 | 69715 | 20.701 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.358 | 108 | 78492 | 20.989 | ng/ul | 92 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.440 | 45 | 125247 | 22.130 | ng/ul | 99 |
| 16) Acetophenone | 8.740 | 105 | 127560 | 21.715 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.716 | 70 | 66806 | 21.274 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.687 | 108 | 85011 | 21.023 | ng/ul | 97 |
| 19) Hexachloroethane | 8.998 | 117 | 27253 | 21.109 | ng/ul | 95 |
| 22) Nitrobenzene | 9.122 | 77 | 94001 | 21.736 | ng/ul | 95 |
| 23) Isophorone | 9.639 | 82 | 200689 | 21.748 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.833 | 139 | 42675 | 22.715 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 9.891 | 107 | 91529 | 21.666 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.126 | 93 | 110048 | 21.163 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.367 | 162 | 71482 | 21.889 | ng/ul | 93 |
| 30) Naphthalene | 10.773 | 128 | 245960 | 21.413 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.878 | 127 | 118550 | 22.768 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.055 | 225 | 51719 | 22.371 | ng/ul | 95 |
| 34) Caprolactam | 11.631 | 113 | 28595 | 21.780 | ng/ul | 92 |
| 35) 4-Chloro-3-methylphenol | 12.007 | 107 | 91761 | 22.875 | ng/ul | 96 |

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Quant Title : SVOA CALIBRATION
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**Instrument :**
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.383 | 142 | 166811 | 21.544 | ng/ul | 96 |
| 37) 1-Methylnaphthalene | 12.600 | 142 | 169443 | 21.822 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.747 | 216 | 100033 | 21.877 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.723 | 237 | 57171 | 19.850 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.988 | 196 | 69633 | 22.469 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 13.064 | 196 | 73055 | 21.797 | ng/ul | 94 |
| 43) 1,1'-Biphenyl | 13.387 | 154 | 228596 | 21.141 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.428 | 162 | 181630 | 20.929 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.634 | 65 | 68198 | 22.603 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.004 | 163 | 256002 | 21.523 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.128 | 165 | 54964 | 22.513 | ng/ul | 94 |
| 50) Acenaphthylene | 14.280 | 152 | 297373 | 21.316 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.457 | 138 | 37596 | 18.222 | ng/ul | 99 |
| 52) Acenaphthene | 14.621 | 153 | 206407 | 21.561 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.668 | 184 | 27733 | 21.789 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.774 | 109 | 34969 | 22.568 | ng/ul | 83 |
| 56) Dibenzofuran | 14.950 | 168 | 298136 | 21.908 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.915 | 165 | 80597 | 23.300 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.179 | 232 | 69560 | 22.798 | ng/ul | 99 |
| 59) Diethylphthalate | 15.367 | 149 | 270719 | 21.807 | ng/ul | 99 |
| 61) Fluorene | 15.602 | 166 | 246376 | 22.066 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.591 | 204 | 133086 | 22.526 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.620 | 138 | 32009 | 17.318 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.679 | 198 | 47334 | 22.292 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.808 | 169 | 213202 | 20.951 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.484 | 248 | 92228 | 21.973 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.601 | 284 | 105287 | 22.405 | ng/ul | 97 |
| 70) Atrazine | 16.754 | 200 | 89689 | 21.553 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.948 | 266 | 60296 | 21.372 | ng/ul | 97 |
| 72) Phenanthrene | 17.341 | 178 | 413280 | 21.248 | ng/ul | 99 |
| 74) Anthracene | 17.435 | 178 | 419061 | 21.291 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.352 | 216 | 105314 | 20.767 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.874 | 250 | 116820 | 21.569 | ng/uL | 96 |
| 77) Carbazole | 17.700 | 167 | 388229 | 21.809 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.258 | 149 | 495882 | 21.868 | ng/ul | 100 |
| 80) Fluoranthene | 19.351 | 202 | 524005 | 20.868 | ng/ul | 99 |
| 82) Pyrene | 19.715 | 202 | 528175 | 20.896 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.596 | 149 | 218197 | 21.288 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.454 | 252 | 172485 | 20.706 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.531 | 228 | 527291 | 21.343 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.437 | 149 | 318186 | 21.663 | ng/ul | 97 |
| 87) Chrysene | 21.595 | 228 | 503565 | 21.743 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.618 | 149 | 556679 | 20.540 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.699 | 252 | 560311 | 20.515 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.769 | 252 | 563312 | 21.042 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.557 | 252 | 503696 | 20.836 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.293 | 276 | 674347 | 21.007 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 28.352 | 278 | 562525 | 21.251 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 29.416 | 276 | 547771 | 20.891 | ng/ul | 98 |

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

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**ClientSampleId :**
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