Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061578.D
Acq On : 8 Jun 2024 23:45
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD020526

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 01:07:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.876 | 152 | 36182 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.667 | 136 | 134701 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.515 | 164 | 101132 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.265 | 188 | 236023 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.524 | 240 | 261029 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.627 | 264 | 280935 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.334 | 96 | 5526 | 8.547 | ng/uL | -0.02 |
| 4) Pyridine-d5 | 3.745 | 84 | 40741 | 17.713 | ng/ul | -0.02 |
| 7) Phenol-d5 | 7.071 | 99 | 49591 | 16.690 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.206 | 67 | 28925 | 15.488 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.417 | 132 | 41311 | 18.786 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.604 | 113 | 42904 | 16.934 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.033 | 128 | 21147 | 20.390 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.756 | 143 | 24205 | 19.942 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.308 | 165 | 50768 | 21.455 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.808 | 131 | 56001 | 18.090 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.916 | 166 | 146896 | 18.728 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.204 | 160 | 159906 | 19.610 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.774 | 143 | 14412 | 14.862 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.508 | 176 | 132765 | 19.606 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.661 | 200 | 23425 | 16.410 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.365 | 188 | 216341 | 20.791 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.662 | 212 | 262250 | 19.567 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.421 | 264 | 279158 | 20.669 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.369 | 88 | 6544m | 8.433 | ng/uL | |
| 5) Pyridine | 3.763 | 79 | 41921 | 18.427 | ng/ul | 89 |
| 6) Benzaldehyde | 7.012 | 77 | 24778 | 15.948 | ng/ul | 88 |
| 8) Phenol | 7.100 | 94 | 51316 | 16.950 | ng/ul | 91 |
| 10) Bis(2-Chloroethyl)ether | 7.294 | 93 | 35626 | 16.088 | ng/ul | 90 |
| 12) 2-Chlorophenol | 7.447 | 128 | 41858 | 18.012 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.340 | 108 | 39997 | 17.047 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.399 | 45 | 75724 | 12.662 | ng/ul# | 95 |
| 16) Acetophenone | 8.698 | 105 | 68490 | 15.840 | ng/ul | 91 |
| 17) N-Nitroso-di-n-propyla... | 8.675 | 70 | 33973 | 14.290 | ng/ul# | 85 |
| 18) 4-Methylphenol | 8.663 | 108 | 43534 | 16.747 | ng/ul | 98 |
| 19) Hexachloroethane | 8.945 | 117 | 17845 | 17.258 | ng/ul | 90 |
| 22) Nitrobenzene | 9.074 | 77 | 53768 | 18.902 | ng/ul | 97 |
| 23) Isophorone | 9.597 | 82 | 90395 | 15.622 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.785 | 139 | 26980 | 20.479 | ng/ul | 90 |
| 26) 2,4-Dimethylphenol | 9.862 | 107 | 49267 | 18.873 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.073 | 93 | 51876 | 17.885 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.338 | 162 | 46844 | 21.494 | ng/ul | 91 |
| 30) Naphthalene | 10.719 | 128 | 139699 | 19.649 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.837 | 127 | 52781 | 17.157 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.996 | 225 | 49351 | 23.166 | ng/ul | 96 |
| 34) Caprolactam | 11.601 | 113 | 13132m | 15.749 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.989 | 107 | 48401 | 17.179 | ng/ul | 94 |
| 36) 2-Methylnaphthalene | 12.329 | 142 | 96229 | 18.664 | ng/ul | 99 |

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Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
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**Instrument :**
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Reviewed By :Yogesh Patel 06/10/2024
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Quant Time: Jun 10 01:07:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.553 | 142 | 96553 | 18.247 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.705 | 216 | 82759 | 24.786 | ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 12.676 | 237 | 9354 | 6.207 | ng/ul# | 81 |
| 41) 2,4,6-Trichlorophenol | 12.958 | 196 | 43425 | 23.090 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 13.046 | 196 | 44721 | 22.580 | ng/ul | 94 |
| 43) 1,1'-Biphenyl | 13.340 | 154 | 139222 | 21.290 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.387 | 162 | 111032 | 21.575 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.598 | 65 | 36795 | 17.323 | ng/ul | 93 |
| 47) Dimethylphthalate | 13.963 | 163 | 149362 | 18.270 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.098 | 165 | 29883 | 18.640 | ng/ul | 95 |
| 50) Acenaphthylene | 14.233 | 152 | 180686 | 19.982 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.427 | 138 | 27050 | 19.442 | ng/ul | 88 |
| 52) Acenaphthene | 14.580 | 153 | 119023 | 20.066 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.668 | 184 | 13085m | 15.392 | ng/ul | |
| 55) 4-Nitrophenol | 14.785 | 109 | 17012 | 14.921 | ng/ul | 91 |
| 56) Dibenzofuran | 14.915 | 168 | 167488 | 19.748 | ng/ul | 95 |
| 57) 2,4-Dinitrotoluene | 14.897 | 165 | 44636 | 18.300 | ng/ul | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.155 | 232 | 34337 | 19.009 | ng/ul | 97 |
| 59) Diethylphthalate | 15.332 | 149 | 138972 | 17.215 | ng/ul | 97 |
| 61) Fluorene | 15.567 | 166 | 141287 | 19.254 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.555 | 204 | 85891 | 19.958 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.596 | 138 | 25909 | 17.880 | ng/ul | 94 |
| 66) 4,6-Dinitro-2-methylph... | 15.678 | 198 | 23591 | 15.769 | ng/ul# | 89 |
| 67) N-Nitrosodiphenylamine | 15.772 | 169 | 121612 | 20.500 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.448 | 248 | 61704 | 22.064 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.583 | 284 | 69933 | 22.498 | ng/ul# | 91 |
| 70) Atrazine | 16.724 | 200 | 43391 | 18.482 | ng/ul | 92 |
| 71) Pentachlorophenol | 16.942 | 266 | 19153m | 17.703 | ng/ul | |
| 72) Phenanthrene | 17.306 | 178 | 231488 | 20.207 | ng/ul | 99 |
| 74) Anthracene | 17.400 | 178 | 241737 | 20.409 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.316 | 216 | 80323 | 25.746 | ng/uL | 96 |
| 76) Pentachlorobenzene | 14.844 | 250 | 80722 | 23.402 | ng/uL | 95 |
| 77) Carbazole | 17.676 | 167 | 193325 | 20.067 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.228 | 149 | 236617 | 19.601 | ng/ul | 99 |
| 80) Fluoranthene | 19.327 | 202 | 311860 | 19.396 | ng/ul | 98 |
| 82) Pyrene | 19.691 | 202 | 320489 | 19.203 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.573 | 149 | 108250 | 18.881 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.419 | 252 | 113662 | 20.514 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.507 | 228 | 354145 | 19.663 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.407 | 149 | 153572 | 18.096 | ng/ul# | 97 |
| 87) Chrysene | 21.571 | 228 | 326975 | 19.716 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.570 | 149 | 268780 | 19.123 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.651 | 252 | 341456 | 20.414 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.710 | 252 | 349008 | 20.553 | ng/ul | 95 |
| 93) Benzo(a)pyrene | 24.492 | 252 | 322284 | 20.291 | ng/ul | 96 |
| 94) Indeno(1,2,3-cd)pyrene | 28.170 | 276 | 308805m | 16.077 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.211 | 278 | 276730m | 17.473 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.262 | 276 | 201438m | 13.183 | ng/ul | |

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

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