Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022223\
Data File : BP013875.D
Acq On : 22 Feb 2023 15:33
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020767

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 23 03:18:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 22 01:41:33 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.105 | 152 | 151449 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.928 | 136 | 571454 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.740 | 164 | 342124 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.492 | 188 | 729383 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.569 | 240 | 763123 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.116 | 264 | 912634 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.452 | 96 | 31362 | 8.583 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.881 | 84 | 210957 | 19.474 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.246 | 99 | 244919 | 18.150 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.422 | 67 | 140994 | 17.831 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.628 | 132 | 196466 | 19.779 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.811 | 113 | 186435 | 16.904 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.275 | 128 | 87957 | 22.122 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.999 | 143 | 102677 | 22.366 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.540 | 165 | 193510 | 20.684 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.063 | 131 | 234657 | 17.695 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.140 | 166 | 497700 | 18.470 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.434 | 160 | 583821 | 20.015 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.922 | 143 | 80203 | 16.707 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.734 | 176 | 449429 | 19.581 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.845 | 200 | 87684 | 19.595 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.592 | 188 | 678391 | 20.340 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.810 | 212 | 812408 | 18.773 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.951 | 264 | 921839 | 20.159 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.487 | 88 | 32285 | 8.231 | ng/uL | 97 |
| 5) Pyridine | 3.905 | 79 | 205357 | 19.182 | ng/ul | 96 |
| 6) Benzaldehyde | 7.234 | 77 | 116193 | 19.094 | ng/ul | 96 |
| 8) Phenol | 7.275 | 94 | 249385 | 18.004 | ng/ul | 95 |
| 10) Bis(2-Chloroethyl)ether | 7.516 | 93 | 198595 | 17.892 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.658 | 128 | 195602 | 19.192 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.540 | 108 | 182197 | 17.233 | ng/ul | 96 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.628 | 45 | 209820 | 16.619 | ng/ul | 96 |
| 16) Acetophenone | 8.934 | 105 | 298726 | 16.889 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.916 | 70 | 143059 | 16.287 | ng/ul# | 96 |
| 18) 4-Methylphenol | 8.869 | 108 | 195235 | 16.725 | ng/ul | 99 |
| 19) Hexachloroethane | 9.193 | 117 | 86860 | 20.812 | ng/ul | 94 |
| 22) Nitrobenzene | 9.316 | 77 | 226179 | 21.622 | ng/ul | 99 |
| 23) Isophorone | 9.846 | 82 | 391943 | 17.760 | ng/ul | 99 |
| 25) 2-Nitrophenol | 10.034 | 139 | 106065 | 21.316 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 10.087 | 107 | 222868 | 20.117 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.328 | 93 | 248172 | 18.621 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.569 | 162 | 189441 | 20.569 | ng/ul | 97 |
| 30) Naphthalene | 10.981 | 128 | 603083 | 19.825 | ng/ul | 98 |
| 32) 4-Chloroaniline | 11.087 | 127 | 234152 | 17.515 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.263 | 225 | 153170 | 23.609 | ng/ul | 97 |
| 34) Caprolactam | 11.863 | 113 | 45399 | 14.048 | ng/ul | 96 |
| 35) 4-Chloro-3-methylphenol | 12.193 | 107 | 187634 | 17.646 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.575 | 142 | 396375 | 18.533 | ng/ul | 98 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.793 | 142 | 403091 | 18.240 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.940 | 216 | 253115 | 23.478 | ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 12.916 | 237 | 169232 | 24.446 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 13.175 | 196 | 152102 | 21.499 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.246 | 196 | 159788 | 20.865 | ng/ul | 95 |
| 43) 1,1'-Biphenyl | 13.575 | 154 | 533121 | 20.767 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.622 | 162 | 426876 | 21.137 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.822 | 65 | 98985 | 20.350 | ng/ul | 95 |
| 47) Dimethylphthalate | 14.187 | 163 | 494070 | 18.486 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.310 | 165 | 93797 | 20.087 | ng/ul | 97 |
| 50) Acenaphthylene | 14.463 | 152 | 622691 | 19.789 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.640 | 138 | 81253 | 17.600 | ng/ul | 98 |
| 52) Acenaphthene | 14.804 | 153 | 439338 | 19.948 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.845 | 184 | 52563 | 15.786 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.940 | 109 | 75196 | 17.852 | ng/ul | 89 |
| 56) Dibenzofuran | 15.140 | 168 | 629841 | 19.947 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 15.098 | 165 | 135860 | 19.516 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.363 | 232 | 141920 | 19.662 | ng/ul | 98 |
| 59) Diethylphthalate | 15.545 | 149 | 487757 | 18.174 | ng/ul | 100 |
| 61) Fluorene | 15.787 | 166 | 502517 | 19.507 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.775 | 204 | 273485 | 20.418 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.804 | 138 | 74089m | 16.947 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.857 | 198 | 86553 | 19.730 | ng/ul | 100 |
| 67) N-Nitrosodiphenylamine | 15.987 | 169 | 419612 | 21.166 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.675 | 248 | 169398 | 21.992 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.792 | 284 | 195936 | 21.831 | ng/ul | 96 |
| 70) Atrazine | 16.939 | 200 | 156946 | 19.796 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.140 | 266 | 112828 | 19.318 | ng/ul | 99 |
| 72) Phenanthrene | 17.534 | 178 | 778418 | 20.168 | ng/ul | 100 |
| 74) Anthracene | 17.628 | 178 | 786074 | 20.243 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.546 | 216 | 241626 | 24.816 | ng/uL | 99 |
| 76) Pentachlorobenzene | 15.057 | 250 | 239754 | 23.861 | ng/uL | 99 |
| 77) Carbazole | 17.892 | 167 | 681623 | 19.927 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.422 | 149 | 770795 | 18.579 | ng/ul | 99 |
| 80) Fluoranthene | 19.486 | 202 | 941150 | 18.997 | ng/ul | 96 |
| 82) Pyrene | 19.839 | 202 | 992052 | 18.782 | ng/ul | 94 |
| 83) Butylbenzylphthalate | 20.692 | 149 | 339919 | 18.803 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.475 | 252 | 363666 | 21.174 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.551 | 228 | 1048937 | 20.116 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.451 | 149 | 533322 | 19.266 | ng/ul# | 99 |
| 87) Chrysene | 21.610 | 228 | 996701 | 20.260 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.422 | 149 | 930784 | 14.822 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.333 | 252 | 1129182 | 18.555 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.386 | 252 | 1133472 | 18.774 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.004 | 252 | 1022968 | 19.833 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.810 | 276 | 1444913 | 24.975 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 26.821 | 278 | 1190065 | 24.625 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 27.633 | 276 | 1185078 | 25.729 | ng/ul | 97 |

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

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