Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011624\
Data File : BN029261.D
Acq On : 16 Jan 2024 22:21
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD020290

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

Quant Time: Jan 17 01:15:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 03:57:40 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.940 | 152 | 118910 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.746 | 136 | 550959 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.581 | 164 | 379604 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.334 | 188 | 862274 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.533 | 240 | 864580 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.945 | 264 | 993690 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.370 | 96 | 21961 | 7.627 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.781 | 84 | 162797 | 18.331 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.105 | 99 | 202714 | 17.768 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.281 | 67 | 136551 | 18.976 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.469 | 132 | 156353 | 19.373 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.652 | 113 | 170427 | 18.527 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.110 | 128 | 78775 | 19.708 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.828 | 143 | 64062 | 19.326 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.363 | 165 | 156885 | 19.013 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.887 | 131 | 270588 | 18.120 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.004 | 166 | 594187 | 19.016 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.275 | 160 | 658046 | 18.700 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.781 | 143 | 93722 | 17.234 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.575 | 176 | 506852 | 19.033 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 200 | 57134 | 15.756 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.434 | 188 | 828070 | 19.103 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.733 | 212 | 947111 | 19.714 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.798 | 264 | 987480 | 19.281 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.411 | 88 | 23812 | 8.152 | ng/uL | 96 |
| 5) Pyridine | 3.799 | 79 | 168188 | 18.537 | ng/ul | 95 |
| 6) Benzaldehyde | 7.087 | 77 | 126579m | 24.721 | ng/ul | |
| 8) Phenol | 7.128 | 94 | 206451 | 17.804 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.375 | 93 | 178681 | 18.985 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.505 | 128 | 164668 | 19.600 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.387 | 108 | 160225 | 18.140 | ng/ul | 95 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.469 | 45 | 233065 | 19.365 | ng/ul | 99 |
| 16) Acetophenone | 8.775 | 105 | 291750 | 18.718 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.758 | 70 | 157920 | 19.251 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.716 | 108 | 177399 | 18.663 | ng/ul | 99 |
| 19) Hexachloroethane | 9.016 | 117 | 74043 | 19.413 | ng/ul | 96 |
| 22) Nitrobenzene | 9.152 | 77 | 218783 | 19.798 | ng/ul | 96 |
| 23) Isophorone | 9.675 | 82 | 443163 | 18.867 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.863 | 139 | 77260 | 19.907 | ng/ul | 100 |
| 26) 2,4-Dimethylphenol | 9.922 | 107 | 202444 | 19.509 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.169 | 93 | 258478 | 19.550 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.393 | 162 | 161567 | 19.911 | ng/ul | 96 |
| 30) Naphthalene | 10.799 | 128 | 605358 | 19.269 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.910 | 127 | 262787 | 18.090 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 11.069 | 225 | 110223 | 19.245 | ng/ul | 98 |
| 34) Caprolactam | 11.681 | 113 | 57113m | 17.366 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.034 | 107 | 191928 | 19.936 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.404 | 142 | 428638 | 19.510 | ng/ul | 98 |

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Quant Title : SVOA CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.628 | 142 | 426958 | 19.586 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.769 | 216 | 225753 | 19.082 | ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 12.740 | 237 | 129592 | 16.360 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 13.016 | 196 | 124814 | 19.039 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 13.081 | 196 | 142365 | 19.344 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.422 | 154 | 577177 | 18.868 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.457 | 162 | 457479 | 19.144 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.669 | 65 | 131626 | 20.780 | ng/ul | 98 |
| 47) Dimethylphthalate | 14.051 | 163 | 609185 | 19.145 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.169 | 165 | 104382 | 20.290 | ng/ul | 99 |
| 50) Acenaphthylene | 14.304 | 152 | 770806 | 18.879 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.498 | 138 | 109683 | 19.628 | ng/ul# | 94 |
| 52) Acenaphthene | 14.645 | 153 | 505823 | 18.875 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.698 | 184 | 33761 | 15.356 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.793 | 109 | 96163 | 19.303 | ng/ul | 94 |
| 56) Dibenzofuran | 14.981 | 168 | 702345 | 19.377 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.957 | 165 | 157291 | 20.878 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.204 | 232 | 119698 | 19.713 | ng/ul | 99 |
| 59) Diethylphthalate | 15.422 | 149 | 636632 | 19.180 | ng/ul | 98 |
| 61) Fluorene | 15.634 | 166 | 592207 | 18.866 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.634 | 204 | 294052 | 19.172 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.657 | 138 | 114609 | 20.828 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.710 | 198 | 65978 | 15.800 | ng/ul# | 96 |
| 67) N-Nitrosodiphenylamine | 15.845 | 169 | 505357 | 19.329 | ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.528 | 248 | 127865 | 13.267 | ng/ul | 94 |
| 69) Hexachlorobenzene | 16.628 | 284 | 213676 | 18.420 | ng/ul | 95 |
| 70) Atrazine | 16.810 | 200 | 176877 | 17.817 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.975 | 266 | 100093 | 15.970 | ng/ul | 89 |
| 72) Phenanthrene | 17.375 | 178 | 963236 | 19.254 | ng/ul | 99 |
| 74) Anthracene | 17.469 | 178 | 984514 | 18.951 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.375 | 216 | 219636 | 18.839 | ng/uL | 90 |
| 76) Pentachlorobenzene | 14.893 | 250 | 230407 | 19.092 | ng/uL | 98 |
| 77) Carbazole | 17.739 | 167 | 883822 | 18.398 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.322 | 149 | 1116624 | 19.060 | ng/ul | 99 |
| 80) Fluoranthene | 19.392 | 202 | 1158427 | 20.407 | ng/ul | 99 |
| 82) Pyrene | 19.757 | 202 | 1198513 | 19.878 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.680 | 149 | 475940 | 20.187 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.457 | 252 | 366480 | 18.271 | ng/ul | 94 |
| 85) Benzo(a)anthracene | 21.516 | 228 | 1259159 | 19.764 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.475 | 149 | 774911 | 19.906 | ng/ul | 100 |
| 87) Chrysene | 21.575 | 228 | 1150418 | 19.523 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.422 | 149 | 1220170 | 17.419 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.216 | 252 | 1248094 | 19.806 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.263 | 252 | 1255270 | 19.991 | ng/ul | 97 |
| 93) Benzo(a)pyrene | 23.845 | 252 | 1159111 | 19.400 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.451 | 276 | 1424138 | 18.833 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.480 | 278 | 1201586 | 19.054 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.221 | 276 | 1141557 | 18.904 | ng/ul | 97 |

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

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