Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111022\
Data File : BP012594.D
Acq On : 10 Nov 2022 12:06
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020671

Quant Time: Nov 10 21:33:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 09 23:28:28 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.763 | 152 | 251965 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.557 | 136 | 1166074 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.416 | 164 | 768733 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.181 | 188 | 1651609 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.280 | 240 | 1751409 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.657 | 264 | 1868562 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.223 | 96 | 47382 | 7.665 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.640 | 84 | 340417 | 19.486 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.952 | 99 | 419025 | 19.728 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.105 | 67 | 258168 | 20.314 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.299 | 132 | 332938 | 20.369 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.487 | 113 | 341211 | 20.308 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.934 | 128 | 171977 | 19.932 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.652 | 143 | 191106 | 20.166 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.193 | 165 | 344243 | 20.164 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.716 | 131 | 503007 | 20.917 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.834 | 166 | 1054324 | 19.898 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.110 | 160 | 1218894 | 20.334 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.663 | 143 | 162559 | 19.485 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.416 | 176 | 911555 | 20.289 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 200 | 174220 | 19.072 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.281 | 188 | 1434086 | 19.995 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.522 | 212 | 1714229 | 17.466 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.504 | 264 | 1794823 | 19.485 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.258 | 88 | 50675 | 7.674 | ng/uL | 97 |
| 5) Pyridine | 3.664 | 79 | 331448 | 19.624 | ng/ul | 95 |
| 6) Benzaldehyde | 6.911 | 77 | 227531 | 22.916 | ng/ul | 96 |
| 8) Phenol | 6.975 | 94 | 446363 | 20.352 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.193 | 93 | 367194 | 20.726 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.328 | 128 | 357474 | 20.391 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.222 | 108 | 343492 | 20.273 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.287 | 45 | 483856 | 20.866 | ng/ul | 99 |
| 16) Acetophenone | 8.593 | 105 | 566866 | 22.073 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.575 | 70 | 276481 | 20.921 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.552 | 108 | 377858 | 20.981 | ng/ul | 96 |
| 19) Hexachloroethane | 8.828 | 117 | 141925 | 20.086 | ng/ul | 97 |
| 22) Nitrobenzene | 8.975 | 77 | 419517 | 20.253 | ng/ul | 100 |
| 23) Isophorone | 9.499 | 82 | 799634 | 19.920 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.681 | 139 | 214380 | 20.274 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.752 | 107 | 419950 | 20.197 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.981 | 93 | 506207 | 19.798 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.222 | 162 | 351844 | 19.944 | ng/ul | 99 |
| 30) Naphthalene | 10.610 | 128 | 1204459 | 19.957 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.740 | 127 | 521678 | 21.108 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.881 | 225 | 234433 | 20.069 | ng/ul | 98 |
| 34) Caprolactam | 11.540 | 113 | 108371 | 19.490 | ng/ul | 100 |
| 35) 4-Chloro-3-methylphenol | 11.881 | 107 | 393579 | 20.379 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.228 | 142 | 840224 | 20.241 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.446 | 142 | 843471 | 20.287 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.593 | 216 | 457370 | 19.909 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.563 | 237 | 180373 | 16.141 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.851 | 196 | 295454 | 19.901 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.934 | 196 | 307702 | 19.617 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.246 | 154 | 1099053 | 19.871 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.287 | 162 | 873321 | 19.891 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.510 | 65 | 246668 | 20.627 | ng/ul | 97 |
| 47) Dimethylphthalate | 13.881 | 163 | 1106214 | 19.998 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.010 | 165 | 223598 | 20.577 | ng/ul | 97 |
| 50) Acenaphthylene | 14.140 | 152 | 1339277 | 20.298 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.345 | 138 | 215926 | 19.600 | ng/ul | 94 |
| 52) Acenaphthene | 14.481 | 153 | 928823 | 19.869 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.557 | 184 | 108056 | 17.224 | ng/ul | 97 |
| 55) 4-Nitrophenol | 14.681 | 109 | 131721 | 19.463 | ng/ul | 99 |
| 56) Dibenzofuran | 14.816 | 168 | 1296452 | 20.514 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.804 | 165 | 321884 | 21.399 | ng/ul | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.051 | 232 | 284608 | 20.789 | ng/ul# | 97 |
| 59) Diethylphthalate | 15.251 | 149 | 1118803 | 20.370 | ng/ul | 99 |
| 61) Fluorene | 15.469 | 166 | 1045603 | 20.726 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.469 | 204 | 525339 | 20.585 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.516 | 138 | 199435 | 21.665 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.569 | 198 | 184542 | 19.383 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.687 | 169 | 917618 | 19.809 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.369 | 248 | 346715 | 19.684 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.475 | 284 | 416438 | 19.860 | ng/ul | 98 |
| 70) Atrazine | 16.651 | 200 | 338259 | 20.501 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.834 | 266 | 228927 | 19.442 | ng/ul | 99 |
| 72) Phenanthrene | 17.222 | 178 | 1735064 | 20.170 | ng/ul | 99 |
| 74) Anthracene | 17.316 | 178 | 1736610 | 19.723 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.210 | 216 | 462443 | 19.114 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.734 | 250 | 503163 | 19.299 | ng/uL | 99 |
| 77) Carbazole | 17.598 | 167 | 1590150 | 21.648 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.139 | 149 | 1931509 | 19.561 | ng/ul | 100 |
| 80) Fluoranthene | 19.198 | 202 | 2078331 | 17.147 | ng/ul | 99 |
| 82) Pyrene | 19.551 | 202 | 2163157 | 17.507 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.427 | 149 | 907770 | 18.290 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.204 | 252 | 781477 | 22.708 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.263 | 228 | 2186982 | 19.696 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.186 | 149 | 1339289 | 19.479 | ng/ul | 99 |
| 87) Chrysene | 21.316 | 228 | 2073282 | 19.887 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.098 | 149 | 2309891 | 17.125 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.933 | 252 | 2274294 | 18.163 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 22.980 | 252 | 2334800 | 19.565 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.551 | 252 | 2007826 | 19.535 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.115 | 276 | 2261791 | 19.162 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.133 | 278 | 2035869 | 19.014 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 26.874 | 276 | 1965219 | 18.564 | ng/ul | 98 |

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

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