Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
Data File : BM044506.D
Acq On : 05 Mar 2024 17:40
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SICV026

Quant Time: Mar 05 23:06:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.734 | 152 | 235083 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.516 | 136 | 1098126 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.368 | 164 | 704116 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.121 | 188 | 1584582 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.309 | 240 | 1459667 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.556 | 264 | 1630621 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.287 | 96 | 46393 | 6.693 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.681 | 84 | 387929 | 19.016 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.904 | 99 | 460872 | 19.069 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.081 | 67 | 311410 | 20.859 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.269 | 132 | 360523 | 20.298 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.439 | 113 | 367442 | 19.358 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.892 | 128 | 189471 | 20.490 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.604 | 143 | 204935 | 20.558 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.133 | 165 | 341895 | 20.152 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.657 | 131 | 554031 | 19.663 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.792 | 166 | 1135405 | 20.556 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.063 | 160 | 1259206 | 19.934 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.580 | 143 | 247487 | 21.606 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.368 | 176 | 937047 | 20.188 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.492 | 200 | 209615 | 20.379 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.221 | 188 | 1558006 | 20.570 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.515 | 212 | 1811920 | 20.239 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.415 | 264 | 1718160 | 20.047 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.316 | 88 | 50140 | 6.988 | ng/uL | 95 |
| 5) Pyridine | 3.704 | 79 | 325376 | 15.378 | ng/ul | 99 |
| 6) Benzaldehyde | 6.892 | 77 | 258119 | 24.519 | ng/ul | 99 |
| 8) Phenol | 6.934 | 94 | 432920 | 17.551 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.175 | 93 | 349684 | 17.264 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.298 | 128 | 338738 | 18.490 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.175 | 108 | 324165 | 17.318 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.263 | 45 | 446445 | 16.691 | ng/ul | 99 |
| 16) Acetophenone | 8.557 | 105 | 560820 | 19.050 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.545 | 70 | 282568 | 18.578 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.498 | 108 | 359549 | 17.646 | ng/ul | 96 |
| 19) Hexachloroethane | 8.792 | 117 | 133845 | 17.836 | ng/ul | 100 |
| 22) Nitrobenzene | 8.933 | 77 | 384861 | 17.550 | ng/ul | 99 |
| 23) Isophorone | 9.457 | 82 | 794782 | 17.765 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.639 | 139 | 202973 | 18.677 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 9.698 | 107 | 301328 | 15.238 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.939 | 93 | 500963 | 17.804 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.163 | 162 | 317303 | 18.734 | ng/ul | 99 |
| 30) Naphthalene | 10.563 | 128 | 1126586 | 18.114 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.686 | 127 | 499626 | 18.393 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.833 | 225 | 171277 | 18.042 | ng/ul | 97 |
| 34) Caprolactam | 11.469 | 113 | 132529 | 20.092 | ng/ul | 95 |
| 35) 4-Chloro-3-methylphenol | 11.804 | 107 | 366223 | 18.645 | ng/ul | 97 |
| 36) 2-Methylnaphthalene | 12.180 | 142 | 763542 | 18.461 | ng/ul | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.398 | 142 | 743897 | 18.233 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.545 | 216 | 368107 | 18.376 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.516 | 237 | 181936 | 13.682 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.792 | 196 | 245540 | 17.485 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.863 | 196 | 276491 | 18.372 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.198 | 154 | 1025959 | 18.349 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.239 | 162 | 777316 | 17.716 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.457 | 65 | 247063 | 17.936 | ng/ul | 94 |
| 47) Dimethylphthalate | 13.839 | 163 | 1029677 | 18.320 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.963 | 165 | 223808 | 19.936 | ng/ul | 96 |
| 50) Acenaphthylene | 14.092 | 152 | 1332307 | 18.096 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.292 | 138 | 272207 | 22.448 | ng/ul | 99 |
| 52) Acenaphthene | 14.433 | 153 | 834401 | 17.240 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.498 | 184 | 137100 | 19.092 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.598 | 109 | 155653 | 19.395 | ng/ul | 96 |
| 56) Dibenzofuran | 14.768 | 168 | 1197435 | 18.599 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.751 | 165 | 329140 | 20.311 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.992 | 232 | 251284 | 20.177 | ng/ul | 97 |
| 59) Diethylphthalate | 15.210 | 149 | 1126784 | 19.318 | ng/ul | 99 |
| 61) Fluorene | 15.421 | 166 | 963656 | 18.301 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.421 | 204 | 439292 | 17.976 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.457 | 138 | 297445 | 25.665 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.509 | 198 | 198482 | 18.058 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.639 | 169 | 881642 | 18.473 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.315 | 248 | 272816 | 17.213 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.415 | 284 | 326874 | 18.107 | ng/ul | 97 |
| 70) Atrazine | 16.598 | 200 | 302438 | 19.393 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.762 | 266 | 207822 | 17.434 | ng/ul | 99 |
| 72) Phenanthrene | 17.162 | 178 | 1638636 | 18.230 | ng/ul | 99 |
| 74) Anthracene | 17.251 | 178 | 1683197 | 18.515 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.157 | 216 | 354462 | 16.748 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.680 | 250 | 347010 | 16.959 | ng/uL | 99 |
| 77) Carbazole | 17.527 | 167 | 1649903 | 19.314 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.098 | 149 | 2105039 | 18.320 | ng/ul | 100 |
| 80) Fluoranthene | 19.180 | 202 | 1933310 | 18.133 | ng/ul | 98 |
| 82) Pyrene | 19.545 | 202 | 2017788 | 18.178 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.456 | 149 | 985900 | 18.064 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.233 | 252 | 710651 | 22.507 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.291 | 228 | 2006750 | 18.307 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.239 | 149 | 1430796 | 17.980 | ng/ul | 99 |
| 87) Chrysene | 21.344 | 228 | 1850637 | 18.236 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.127 | 149 | 2577611 | 17.663 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.880 | 252 | 2000709 | 18.337 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 22.927 | 252 | 1898285 | 17.763 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.462 | 252 | 1747199 | 17.118 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 25.832 | 276 | 2088615 | 18.244 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 25.850 | 278 | 1762034 | 18.459 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.526 | 276 | 1654998 | 18.116 | ng/ul | 99 |

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

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