Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048111.D
Acq On : 17 Oct 2024 17:46
Operator : RC/JU
Sample : PB164148BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS148

Quant Time: Oct 17 18:40:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 15:44:59 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.769 | 152 | 233025 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.563 | 136 | 904780 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.410 | 164 | 540619 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.151 | 188 | 1035509 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.374 | 240 | 905597 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.362 | 264 | 1036245 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.234 | 96 | 41728 | 6.800 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.646 | 84 | 552267 | 33.446 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.951 | 99 | 658556 | 34.889 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.104 | 67 | 394562 | 35.190 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.310 | 132 | 569084 | 34.857 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.486 | 113 | 515694 | 35.103 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.928 | 128 | 270101 | 35.376 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.645 | 143 | 302294 | 35.779 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.186 | 165 | 526166 | 35.360 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.698 | 131 | 677799 | 34.802 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.815 | 166 | 1402283 | 35.713 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.104 | 160 | 1640451 | 35.137 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.621 | 143 | 264101 | 36.390 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.398 | 176 | 1179704 | 35.191 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.527 | 200 | 244855 | 36.558 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.245 | 188 | 1772212 | 36.086 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.539 | 212 | 1964504 | 35.500 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.162 | 264 | 1985131 | 35.867 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.269 | 88 | 88049 | 13.701 | ng/uL | 98 |
| 5) Pyridine | 3.669 | 79 | 585234 | 34.687 | ng/ul | 97 |
| 6) Benzaldehyde | 6.916 | 77 | 330227 | 37.805 | ng/ul | 99 |
| 8) Phenol | 6.975 | 94 | 711260 | 36.633 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.198 | 93 | 567109 | 36.393 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.339 | 128 | 601091 | 36.540 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.222 | 108 | 537800 | 36.617 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.292 | 45 | 812473 | 36.936 | ng/ul | 100 |
| 16) Acetophenone | 8.592 | 105 | 838658 | 37.226 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.581 | 70 | 393357 | 36.876 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.551 | 108 | 584719 | 37.004 | ng/ul | 96 |
| 19) Hexachloroethane | 8.845 | 117 | 255040 | 36.471 | ng/ul | 99 |
| 22) Nitrobenzene | 8.969 | 77 | 613507 | 37.134 | ng/ul | 98 |
| 23) Isophorone | 9.498 | 82 | 1164598 | 36.859 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.680 | 139 | 334926 | 37.174 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.745 | 107 | 533838 | 34.014 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 9.975 | 93 | 720990 | 36.423 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.216 | 162 | 547519 | 36.732 | ng/ul | 99 |
| 30) Naphthalene | 10.610 | 128 | 1822735 | 36.444 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.722 | 127 | 543791 | 28.954 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.898 | 225 | 356597 | 36.194 | ng/ul | 98 |
| 34) Caprolactam | 11.504 | 113 | 171613 | 37.223 | ng/ul | 98 |
| 35) 4-Chloro-3-methylphenol | 11.857 | 107 | 536177 | 37.420 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.227 | 142 | 1186937 | 36.464 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.445 | 142 | 1187967 | 36.237 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.598 | 216 | 634498 | 36.022 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.574 | 237 | 348400 | 35.346 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.839 | 196 | 406707 | 35.110 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.916 | 196 | 442818 | 36.301 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.239 | 154 | 1514739 | 36.279 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.280 | 162 | 1200857 | 36.271 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.486 | 65 | 328419 | 38.166 | ng/ul | 99 |
| 47) Dimethylphthalate | 13.863 | 163 | 1445409 | 36.607 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.986 | 165 | 302070 | 38.522 | ng/ul | 97 |
| 50) Acenaphthylene | 14.127 | 152 | 1865529 | 36.937 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.315 | 138 | 309738 | 37.868 | ng/ul | 96 |
| 52) Acenaphthene | 14.474 | 153 | 1250872 | 35.796 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.527 | 184 | 188258 | 36.387 | ng/ul | 97 |
| 55) 4-Nitrophenol | 14.639 | 109 | 188526 | 37.337 | ng/ul | 93 |
| 56) Dibenzofuran | 14.810 | 168 | 1748880 | 36.581 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.774 | 165 | 432915 | 38.863 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.039 | 232 | 338320 | 34.381 | ng/ul | 99 |
| 59) Diethylphthalate | 15.227 | 149 | 1450165 | 37.035 | ng/ul | 100 |
| 61) Fluorene | 15.457 | 166 | 1360378 | 36.407 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.451 | 204 | 682790 | 36.743 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.480 | 138 | 316258 | 44.644 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.539 | 198 | 273679 | 37.985 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.662 | 169 | 1161055 | 37.284 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.339 | 248 | 420268 | 37.409 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.462 | 284 | 491846 | 37.044 | ng/ul | 98 |
| 70) Atrazine | 16.615 | 200 | 254759 | 24.376 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.804 | 266 | 292544 | 34.174 | ng/ul | 97 |
| 72) Phenanthrene | 17.192 | 178 | 2104492 | 37.152 | ng/ul | 100 |
| 74) Anthracene | 17.280 | 178 | 2138441 | 37.621 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.204 | 216 | 609096 | 34.991 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.733 | 250 | 585039 | 34.514 | ng/uL | 99 |
| 77) Carbazole | 17.551 | 167 | 1947661 | 38.682 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.109 | 149 | 2492817 | 37.590 | ng/ul | 100 |
| 80) Fluoranthene | 19.203 | 202 | 2382664 | 37.006 | ng/ul | 100 |
| 82) Pyrene | 19.568 | 202 | 2541742 | 37.059 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.456 | 149 | 1116874 | 37.484 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.280 | 252 | 789838 | 39.106 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.356 | 228 | 2430913 | 36.918 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.274 | 149 | 1608022 | 37.333 | ng/ul | 99 |
| 87) Chrysene | 21.415 | 228 | 2302023 | 37.098 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.397 | 149 | 2842764 | 38.020 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.421 | 252 | 2492975 | 38.194 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.480 | 252 | 2407668 | 37.037 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.221 | 252 | 2222065 | 36.570 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 27.726 | 276 | 2950859 | 37.461 | ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 27.779 | 278 | 2413690 | 37.925 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 28.785 | 276 | 2293626 | 37.414 | ng/ul | 99 |

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

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