Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011624\
Data File : BP019384.D
Acq On : 16 Jan 2024 10:08
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020751

Quant Time: Jan 16 11:08:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 03:05:24 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.769 | 152 | 120904 | 20.000 | ng/ul | -0.02 |
| 20) Naphthalene-d8 | 10.563 | 136 | 459642 | 20.000 | ng/ul | -0.02 |
| 38) Acenaphthene-d10 | 14.416 | 164 | 349507 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.175 | 188 | 892529 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.280 | 240 | 936738 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.639 | 264 | 968938 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.217 | 96 | 22435 | 7.017 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.634 | 84 | 169994 | 18.386 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.964 | 99 | 209382 | 18.119 | ng/ul | -0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.117 | 67 | 128241 | 18.554 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.311 | 132 | 150733 | 18.989 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.499 | 113 | 165930 | 18.100 | ng/ul | -0.02 |
| 21) Nitrobenzene-d5 | 8.940 | 128 | 74109 | 19.165 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.658 | 143 | 87556 | 19.487 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.199 | 165 | 177987 | 19.608 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.716 | 131 | 211378 | 18.435 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.840 | 166 | 588151 | 19.048 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.110 | 160 | 620158 | 18.736 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.657 | 143 | 86827 | 18.312 | ng/ul | -0.01 |
| 60) Fluorene-d10 | 15.416 | 176 | 496024 | 19.621 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.557 | 200 | 113104 | 17.164 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.275 | 188 | 838090 | 18.827 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.522 | 212 | 1070411 | 17.524 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.486 | 264 | 994653 | 18.879 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.246 | 88 | 25155 | 7.595 | ng/uL | 95 |
| 5) Pyridine | 3.652 | 79 | 171771 | 18.289 | ng/ul | 91 |
| 6) Benzaldehyde | 6.922 | 77 | 121599 | 24.137 | ng/ul | 99 |
| 8) Phenol | 6.987 | 94 | 211409 | 18.160 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.205 | 93 | 170393 | 18.247 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.340 | 128 | 154840 | 18.872 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.234 | 108 | 161969 | 18.549 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.299 | 45 | 209485 | 18.853 | ng/ul | 99 |
| 16) Acetophenone | 8.605 | 105 | 263361 | 18.035 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.587 | 70 | 140594 | 18.478 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.563 | 108 | 166080 | 17.866 | ng/ul | 99 |
| 19) Hexachloroethane | 8.840 | 117 | 64801 | 17.486 | ng/ul | 94 |
| 22) Nitrobenzene | 8.981 | 77 | 212132 | 19.610 | ng/ul | 98 |
| 23) Isophorone | 9.505 | 82 | 396766 | 18.919 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.687 | 139 | 91138 | 19.311 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 9.758 | 107 | 195382 | 19.200 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 9.993 | 93 | 225392 | 18.687 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.228 | 162 | 171178 | 19.568 | ng/ul | 96 |
| 30) Naphthalene | 10.616 | 128 | 496579 | 19.173 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.746 | 127 | 210132 | 18.732 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.893 | 225 | 147092 | 19.489 | ng/ul | 99 |
| 34) Caprolactam | 11.540 | 113 | 52530 | 19.148 | ng/ul | 93 |
| 35) 4-Chloro-3-methylphenol | 11.881 | 107 | 195972 | 20.178 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.234 | 142 | 366570 | 19.452 | ng/ul | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.452 | 142 | 361735 | 19.619 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.604 | 216 | 276008 | 18.223 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.569 | 237 | 151672 | 15.603 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 12.857 | 196 | 173544 | 18.620 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 12.934 | 196 | 186790 | 18.701 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.251 | 154 | 523100 | 18.118 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.293 | 162 | 427221 | 18.297 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.510 | 65 | 136938 | 20.447 | ng/ul | 98 |
| 47) Dimethylphthalate | 13.887 | 163 | 581622 | 18.953 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.010 | 165 | 119302 | 19.660 | ng/ul | 98 |
| 50) Acenaphthylene | 14.140 | 152 | 685793 | 18.916 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.346 | 138 | 103548 | 19.563 | ng/ul | 94 |
| 52) Acenaphthene | 14.481 | 153 | 453138 | 19.076 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.557 | 184 | 61945 | 15.568 | ng/ul | 91 |
| 55) 4-Nitrophenol | 14.675 | 109 | 97139 | 18.971 | ng/ul | 96 |
| 56) Dibenzofuran | 14.816 | 168 | 667653 | 19.632 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.804 | 165 | 178983 | 21.021 | ng/ul | 93 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.051 | 232 | 183741 | 20.721 | ng/ul | 97 |
| 59) Diethylphthalate | 15.251 | 149 | 566744 | 19.735 | ng/ul | 99 |
| 61) Fluorene | 15.469 | 166 | 553276 | 19.862 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.469 | 204 | 332578 | 20.007 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.510 | 138 | 86461 | 21.070 | ng/ul | 93 |
| 66) 4,6-Dinitro-2-methylph... | 15.569 | 198 | 118592 | 16.980 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.687 | 169 | 473436 | 17.994 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.363 | 248 | 222955 | 18.288 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.475 | 284 | 259050 | 18.438 | ng/ul | 98 |
| 70) Atrazine | 16.651 | 200 | 211322 | 18.426 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.834 | 266 | 157035 | 17.996 | ng/ul | 98 |
| 72) Phenanthrene | 17.216 | 178 | 935507 | 18.660 | ng/ul | 99 |
| 74) Anthracene | 17.310 | 178 | 957194 | 18.834 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.210 | 216 | 270670 | 16.379 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.734 | 250 | 286342 | 17.837 | ng/uL | 98 |
| 77) Carbazole | 17.592 | 167 | 814071 | 18.827 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.139 | 149 | 975442 | 18.851 | ng/ul | 99 |
| 80) Fluoranthene | 19.198 | 202 | 1230602 | 17.044 | ng/ul | 99 |
| 82) Pyrene | 19.551 | 202 | 1268841 | 17.315 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.433 | 149 | 445318 | 17.712 | ng/ul | 95 |
| 84) 3,3'-Dichlorobenzidine | 21.204 | 252 | 410214 | 19.287 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.269 | 228 | 1324549 | 18.164 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.192 | 149 | 647119 | 17.932 | ng/ul | 99 |
| 87) Chrysene | 21.322 | 228 | 1216630 | 18.252 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.098 | 149 | 1098005 | 16.603 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.922 | 252 | 1291229 | 18.648 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.969 | 252 | 1217607 | 18.126 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.533 | 252 | 1136535 | 18.266 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.080 | 276 | 1287280 | 17.494 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.092 | 278 | 1066591 | 17.509 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.827 | 276 | 1017525 | 17.218 | ng/ul | 98 |

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

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