Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
Data File : BP006382.D
Acq On : 28 Jul 2021 10:40
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTD020664

Quant Time: Jul 28 11:42:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 04:29:12 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.781 | 152 | 285575 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.569 | 136 | 1257443 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.410 | 164 | 741617 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.163 | 188 | 1459399 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.263 | 240 | 1433982 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.610 | 264 | 1487261 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.299 | 96 | 62591 | 8.181 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.699 | 84 | 462516 | 20.365 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.958 | 99 | 525963 | 19.610 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.128 | 67 | 337088 | 20.199 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.316 | 132 | 407847 | 20.468 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.493 | 113 | 414409 | 19.648 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.940 | 128 | 194756 | 20.801 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.657 | 143 | 198619 | 22.217 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.187 | 165 | 366249 | 20.906 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.710 | 131 | 565804 | 19.618 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.828 | 166 | 1076816 | 20.401 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.104 | 160 | 1270387 | 19.590 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.610 | 143 | 210747 | 20.109 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.404 | 176 | 878533 | 19.799 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.528 | 200 | 148574 | 18.262 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.263 | 188 | 1328560 | 20.166 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.504 | 212 | 1461000 | 19.808 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.457 | 264 | 1619299 | 21.425 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 65657 | 8.128 | ng/uL | 97 |
| 5) Pyridine | 3.722 | 79 | 470903 | 19.881 | ng/ul | 99 |
| 6) Benzaldehyde | 6.934 | 77 | 363605 | 24.848 | ng/ul | 99 |
| 8) Phenol | 6.981 | 94 | 568023 | 20.719 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.216 | 93 | 444820 | 20.627 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.346 | 128 | 435898 | 21.577 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.228 | 108 | 414358 | 20.711 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.322 | 45 | 518168 | 21.508 | ng/ul | 98 |
| 16) Acetophenone | 8.605 | 105 | 692280 | 21.344 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.593 | 70 | 367105 | 21.635 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.552 | 108 | 449705 | 20.933 | ng/ul | 99 |
| 19) Hexachloroethane | 8.852 | 117 | 177483 | 21.478 | ng/ul | 100 |
| 22) Nitrobenzene | 8.981 | 77 | 539198 | 22.196 | ng/ul | 99 |
| 23) Isophorone | 9.510 | 82 | 978463 | 22.531 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.687 | 139 | 224415 | 22.764 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.752 | 107 | 508346 | 21.743 | ng/ul | 100 |
| 27) Bis(2-Chloroethoxy)met... | 9.993 | 93 | 597784 | 21.435 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.216 | 162 | 370670 | 21.566 | ng/ul | 99 |
| 30) Naphthalene | 10.616 | 128 | 1380734 | 21.164 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.734 | 127 | 574247 | 20.212 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.904 | 225 | 217123 | 20.707 | ng/ul | 99 |
| 34) Caprolactam | 11.510 | 113 | 133988 | 22.577 | ng/ul | 93 |
| 35) 4-Chloro-3-methylphenol | 11.857 | 107 | 465616 | 22.693 | ng/ul | 97 |
| 36) 2-Methylnaphthalene | 12.228 | 142 | 939412 | 21.014 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.446 | 142 | 942220 | 20.940 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.598 | 216 | 413825 | 20.706 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.575 | 237 | 230463 | 17.726 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.840 | 196 | 272614 | 22.013 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.910 | 196 | 298737 | 22.047 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.245 | 154 | 1168653 | 21.022 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.281 | 162 | 883412 | 21.047 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.493 | 65 | 301180 | 24.291 | ng/ul | 98 |
| 47) Dimethylphthalate | 13.881 | 163 | 1117013 | 21.560 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.993 | 165 | 216583 | 22.866 | ng/ul | 96 |
| 50) Acenaphthylene | 14.128 | 152 | 1353476 | 21.432 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.322 | 138 | 251266 | 22.641 | ng/ul | 97 |
| 52) Acenaphthene | 14.475 | 153 | 979481 | 21.140 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.522 | 184 | 102654 | 18.274 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.628 | 109 | 190565 | 22.480 | ng/ul | 96 |
| 56) Dibenzofuran | 14.810 | 168 | 1310422 | 21.089 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.781 | 165 | 318060 | 23.498 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.034 | 232 | 245683 | 23.250 | ng/ul | 97 |
| 59) Diethylphthalate | 15.245 | 149 | 1172525 | 21.850 | ng/ul | 99 |
| 61) Fluorene | 15.463 | 166 | 1085748 | 21.242 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.463 | 204 | 495591 | 20.798 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.487 | 138 | 265710 | 24.377 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.539 | 198 | 157887 | 19.852 | ng/ul# | 99 |
| 67) N-Nitrosodiphenylamine | 15.675 | 169 | 922375 | 21.275 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.357 | 248 | 282526 | 24.173 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.463 | 284 | 328139 | 20.935 | ng/ul | 98 |
| 70) Atrazine | 16.639 | 200 | 325656 | 21.705 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.810 | 266 | 204410 | 20.744 | ng/ul | 98 |
| 72) Phenanthrene | 17.204 | 178 | 1669122 | 21.299 | ng/ul | 99 |
| 74) Anthracene | 17.298 | 178 | 1689987 | 21.268 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.204 | 216 | 418365 | 20.913 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.728 | 250 | 413266 | 21.191 | ng/uL | 98 |
| 77) Carbazole | 17.569 | 167 | 1572070 | 21.628 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.139 | 149 | 1995185 | 22.967 | ng/ul | 100 |
| 80) Fluoranthene | 19.180 | 202 | 1867730 | 20.551 | ng/ul | 99 |
| 82) Pyrene | 19.533 | 202 | 1937281 | 20.542 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.422 | 149 | 914412 | 23.631 | ng/ul | 94 |
| 84) 3,3'-Dichlorobenzidine | 21.186 | 252 | 630300 | 19.949 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.245 | 228 | 1898957 | 21.371 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.192 | 149 | 1430002 | 23.603 | ng/ul | 100 |
| 87) Chrysene | 21.298 | 228 | 1820622 | 21.376 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.104 | 149 | 2432563 | 23.470 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.898 | 252 | 1968234 | 20.835 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.945 | 252 | 1987510 | 22.168 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.504 | 252 | 1760968 | 21.326 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.033 | 276 | 2200243 | 20.816 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.057 | 278 | 1852014 | 20.688 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.780 | 276 | 1798155 | 20.590 | ng/ul | 99 |

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

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