Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030122\
Data File : BM034100.D
Acq On : 01 Mar 2022 10:03
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020094

Quant Time: Mar 01 11:24:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 01 03:48:18 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.995 | 152 | 139092 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.813 | 136 | 513566 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.630 | 164 | 345293 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.371 | 188 | 740663 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.547 | 240 | 813891 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 23.994 | 264 | 875971 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.372 | 96 | 24552 | 8.139 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.790 | 84 | 153430 | 19.355 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.142 | 99 | 181199 | 18.240 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.313 | 67 | 103512 | 18.770 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.525 | 132 | 167393 | 19.546 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.701 | 113 | 150897 | 17.846 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.154 | 128 | 77711 | 20.033 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.883 | 143 | 84599 | 19.186 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.425 | 165 | 177415 | 19.882 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.936 | 131 | 209199 | 18.590 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.036 | 166 | 517851 | 19.822 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.324 | 160 | 633372 | 19.906 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.807 | 143 | 83076 | 18.565 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.624 | 176 | 444772 | 19.697 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.730 | 200 | 85605 | 17.703 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.471 | 188 | 705678 | 19.703 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.759 | 212 | 817449 | 18.631 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.835 | 264 | 881456 | 19.745 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.407 | 88 | 24351 | 8.224 | ng/uL# | 77 |
| 5) Pyridine | 3.813 | 79 | 160242 | 19.808 | ng/ul# | 77 |
| 6) Benzaldehyde | 7.125 | 77 | 124401 | 22.052 | ng/ul# | 81 |
| 8) Phenol | 7.172 | 94 | 179195 | 18.477 | ng/ul# | 85 |
| 10) Bis(2-Chloroethyl)ether | 7.407 | 93 | 144354 | 18.896 | ng/ul# | 86 |
| 12) 2-Chlorophenol | 7.554 | 128 | 167964 | 19.762 | ng/ul# | 80 |
| 13) 2-Methylphenol | 8.436 | 108 | 136743 | 17.941 | ng/ul | 95 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.531 | 45 | 156984 | 18.832 | ng/ul# | 88 |
| 16) Acetophenone | 8.819 | 105 | 236992 | 18.023 | ng/ul# | 84 |
| 17) N-Nitroso-di-n-propyla... | 8.807 | 70 | 109621 | 18.277 | ng/ul# | 87 |
| 18) 4-Methylphenol | 8.760 | 108 | 148301 | 17.941 | ng/ul | 92 |
| 19) Hexachloroethane | 9.089 | 117 | 70206 | 19.725 | ng/ul# | 67 |
| 22) Nitrobenzene | 9.201 | 77 | 167307 | 20.106 | ng/ul# | 85 |
| 23) Isophorone | 9.730 | 82 | 293580 | 19.137 | ng/ul# | 89 |
| 25) 2-Nitrophenol | 9.919 | 139 | 89321 | 19.620 | ng/ul# | 74 |
| 26) 2,4-Dimethylphenol | 9.978 | 107 | 179863 | 19.727 | ng/ul | 91 |
| 27) Bis(2-Chloroethoxy)met... | 10.213 | 93 | 181477 | 19.510 | ng/ul# | 96 |
| 29) 2,4-Dichlorophenol | 10.454 | 162 | 167375 | 19.530 | ng/ul | 92 |
| 30) Naphthalene | 10.860 | 128 | 508060 | 19.740 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.960 | 127 | 208244 | 18.719 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.160 | 225 | 132105 | 20.069 | ng/ul | 97 |
| 34) Caprolactam | 11.719 | 113 | 39572 | 17.002 | ng/ul# | 54 |
| 35) 4-Chloro-3-methylphenol | 12.083 | 107 | 152938 | 19.058 | ng/ul# | 74 |
| 36) 2-Methylnaphthalene | 12.466 | 142 | 363378 | 19.342 | ng/ul | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.689 | 142 | 366634 | 19.252 | ng/ul# | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.836 | 216 | 232910 | 20.303 | ng/ul# | 95 |
| 40) Hexachlorocyclopentadiene | 12.824 | 237 | 155272 | 19.848 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 13.071 | 196 | 139956 | 19.973 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 13.136 | 196 | 153709 | 19.944 | ng/ul | 95 |
| 43) 1,1'-Biphenyl | 13.471 | 154 | 511799 | 20.108 | ng/ul# | 97 |
| 44) 2-Chloronaphthalene | 13.513 | 162 | 398488 | 20.151 | ng/ul | 94 |
| 45) 2-Nitroaniline | 13.707 | 65 | 86198 | 19.363 | ng/ul# | 61 |
| 47) Dimethylphthalate | 14.083 | 163 | 499781 | 19.761 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.201 | 165 | 96203 | 19.437 | ng/ul# | 83 |
| 50) Acenaphthylene | 14.354 | 152 | 625388 | 20.013 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.524 | 138 | 91252 | 18.955 | ng/ul# | 77 |
| 52) Acenaphthene | 14.695 | 153 | 410570 | 19.798 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.724 | 184 | 56401 | 17.177 | ng/ul# | 78 |
| 55) 4-Nitrophenol | 14.818 | 109 | 78742 | 19.331 | ng/ul# | 80 |
| 56) Dibenzofuran | 15.030 | 168 | 608654 | 19.985 | ng/ul | 93 |
| 57) 2,4-Dinitrotoluene | 14.983 | 165 | 140469 | 19.531 | ng/ul# | 69 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.254 | 232 | 131329 | 19.693 | ng/ul# | 85 |
| 59) Diethylphthalate | 15.448 | 149 | 495365 | 19.619 | ng/ul | 98 |
| 61) Fluorene | 15.677 | 166 | 499266 | 19.656 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.671 | 204 | 270150 | 19.886 | ng/ul | 91 |
| 63) 4-Nitroaniline | 15.683 | 138 | 97601 | 19.815 | ng/ul# | 82 |
| 66) 4,6-Dinitro-2-methylph... | 15.742 | 198 | 85583 | 18.110 | ng/ul# | 86 |
| 67) N-Nitrosodiphenylamine | 15.883 | 169 | 426793 | 19.845 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.565 | 248 | 158499 | 19.614 | ng/ul# | 90 |
| 69) Hexachlorobenzene | 16.683 | 284 | 194656 | 19.862 | ng/ul# | 90 |
| 70) Atrazine | 16.830 | 200 | 167247 | 18.949 | ng/ul | 95 |
| 71) Pentachlorophenol | 17.018 | 266 | 116591 | 18.269 | ng/ul | 95 |
| 72) Phenanthrene | 17.412 | 178 | 792657 | 19.730 | ng/ul | 98 |
| 74) Anthracene | 17.506 | 178 | 812240 | 19.965 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.442 | 216 | 235081 | 20.107 | ng/uL | 96 |
| 76) Pentachlorobenzene | 14.954 | 250 | 232210 | 20.079 | ng/uL | 98 |
| 77) Carbazole | 17.771 | 167 | 687596 | 19.392 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.342 | 149 | 815331 | 19.724 | ng/ul | 98 |
| 80) Fluoranthene | 19.424 | 202 | 943659 | 18.615 | ng/ul# | 91 |
| 82) Pyrene | 19.789 | 202 | 985023 | 18.810 | ng/ul# | 88 |
| 83) Butylbenzylphthalate | 20.683 | 149 | 345871 | 18.731 | ng/ul# | 78 |
| 84) 3,3'-Dichlorobenzidine | 21.459 | 252 | 356342 | 20.653 | ng/ul# | 97 |
| 85) Benzo(a)anthracene | 21.530 | 228 | 998044 | 20.060 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.465 | 149 | 553825 | 19.454 | ng/ul# | 98 |
| 87) Chrysene | 21.583 | 228 | 966644 | 19.787 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.406 | 149 | 923398 | 17.129 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.247 | 252 | 1058663 | 19.058 | ng/ul# | 97 |
| 91) Benzo(k)fluoranthene | 23.294 | 252 | 1020167 | 19.509 | ng/ul# | 98 |
| 93) Benzo(a)pyrene | 23.888 | 252 | 1047236 | 19.691 | ng/ul# | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.553 | 276 | 1261133 | 21.308 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 26.571 | 278 | 1088603 | 21.247 | ng/ul | 96 |
| 96) Benzo(g,h,i)perylene | 27.335 | 276 | 1076793 | 21.541 | ng/ul# | 94 |

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

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