Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102220\
Data File : BN012387.D
Acq On : 22 Oct 2020 15:04
Operator : CG/JU
Sample : SSTD02051
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD02051

Quant Time: Oct 22 15:53:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 15:51:59 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 143802 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.35 | 136 | 599175 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.23 | 164 | 394204 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.97 | 188 | 835323 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.18 | 240 | 868398 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.35 | 264 | 934214 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.13 | 96 | 31150 | 9.98 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.76 | 99 | 245869 | 19.01 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.93 | 67 | 150102 | 19.46 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.12 | 132 | 196193 | 19.44 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.29 | 113 | 202417 | 19.49 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 93855 | 18.60 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 102197 | 17.90 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.97 | 165 | 194586 | 19.01 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.49 | 131 | 182545 | 14.51 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.64 | 166 | 619535 | 19.37 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.92 | 160 | 731573 | 19.05 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.43 | 143 | 106808 | 17.49 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.22 | 176 | 547694 | 20.03 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 102026 | 17.43 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.07 | 188 | 796911 | 19.42 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.37 | 212 | 847131 | 18.04 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.22 | 264 | 953138 | 17.67 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.16 | 88 | 32563 | 8.824 | ng/uL | 100 |
| 4) Benzaldehyde | 6.73 | 77 | 142374 | 19.213 | ng/ul | 100 |
| 6) Phenol | 6.79 | 94 | 252891 | 18.668 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.02 | 93 | 195608 | 18.538 | ng/ul | 100 |
| 10) 2-Chlorophenol | 7.15 | 128 | 201926 | 19.247 | ng/ul | 100 |
| 11) 2-Methylphenol | 8.02 | 108 | 186343 | 18.515 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.11 | 45 | 259563 | 18.507 | ng/ul | 100 |
| 14) Acetophenone | 8.40 | 105 | 306760 | 19.086 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.39 | 70 | 160624 | 19.062 | ng/ul | 100 |
| 16) 4-Methylphenol | 8.35 | 108 | 206340 | 18.940 | ng/ul | 100 |
| 17) Hexachloroethane | 8.65 | 117 | 86022 | 18.733 | ng/ul | 100 |
| 20) Nitrobenzene | 8.78 | 77 | 256935 | 19.422 | ng/ul | 100 |
| 21) Isophorone | 9.30 | 82 | 430448 | 18.213 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.48 | 139 | 114961 | 18.738 | ng/ul | 100 |
| 24) 2,4-Dimethylphenol | 9.54 | 107 | 241916 | 19.535 | ng/ul | 100 |
| 25) Bis(2-Chloroethoxy)methane | 9.78 | 93 | 268953 | 18.652 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.00 | 162 | 195254 | 19.139 | ng/ul | 100 |
| 28) Naphthalene | 10.40 | 128 | 649939 | 18.674 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.52 | 127 | 178900 | 14.277 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.68 | 225 | 125264 | 19.233 | ng/ul | 100 |
| 32) Caprolactam | 11.30 | 113 | 57194 | 17.317 | ng/ul | 100 |
| 33) 4-Chloro-3-methylphenol | 11.65 | 107 | 220271 | 19.063 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.02 | 142 | 457981 | 19.121 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.25 | 142 | 544122 | 22.972 | ng/uL | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.40 | 216 | 228055 | 18.519 | ng/ul | 100 |
| 38) Hexachlorocyclopentadiene | 12.37 | 237 | 139116 | 16.521 | ng/ul | 100 |
| 39) 2,4,6-Trichlorophenol | 12.65 | 196 | 153541 | 18.145 | ng/ul | 100 |
| 40) 2,4,5-Trichlorophenol | 12.72 | 196 | 160423 | 18.162 | ng/ul | 100 |
| 41) 1,1'-Biphenyl | 13.05 | 154 | 622486 | 18.740 | ng/ul | 100 |
| 42) 2-Chloronaphthalene | 13.09 | 162 | 489230 | 18.794 | ng/ul | 100 |
| 43) 2-Nitroaniline | 13.30 | 65 | 145566 | 18.204 | ng/ul | 100 |
| 45) Dimethylphthalate | 13.69 | 163 | 629602 | 18.883 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 13.81 | 165 | 125334 | 18.276 | ng/ul | 100 |
| 48) Acenaphthylene | 13.95 | 152 | 741594 | 18.541 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.14 | 138 | 85350 | 13.782 | ng/ul | 100 |
| 50) Acenaphthene | 14.29 | 153 | 532589 | 18.903 | ng/ul | 100 |
| 51) 2,4-Dinitrophenol | 14.35 | 184 | 67072 | 15.576 | ng/ul | 100 |
| 53) 4-Nitrophenol | 14.45 | 109 | 100558 | 19.218 | ng/ul | 100 |
| 54) Dibenzofuran | 14.63 | 168 | 748608 | 19.520 | ng/ul | 100 |
| 55) 2,4-Dinitrotoluene | 14.60 | 165 | 184097 | 18.742 | ng/ul | 100 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.86 | 232 | 139526 | 18.341 | ng/ul | 100 |
| 57) Diethylphthalate | 15.06 | 149 | 628283 | 18.592 | ng/ul | 100 |
| 59) Fluorene | 15.28 | 166 | 613899 | 19.033 | ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.28 | 204 | 292611 | 18.590 | ng/ul | 100 |
| 61) 4-Nitroaniline | 15.30 | 138 | 114173 | 17.132 | ng/ul | 100 |
| 64) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 113805 | 17.902 | ng/ul | 100 |
| 65) N-Nitrosodiphenylamine | 15.49 | 169 | 509621 | 18.860 | ng/ul | 100 |
| 66) 4-Bromophenyl-phenylether | 16.17 | 248 | 180309 | 19.344 | ng/ul | 100 |
| 67) Hexachlorobenzene | 16.28 | 284 | 210738 | 18.742 | ng/ul | 100 |
| 68) Atrazine | 16.45 | 200 | 183446 | 18.284 | ng/ul | 100 |
| 69) Pentachlorophenol | 16.63 | 266 | 120099 | 17.586 | ng/ul | 100 |
| 70) Phenanthrene | 17.02 | 178 | 980019 | 19.080 | ng/ul | 100 |
| 72) Anthracene | 17.10 | 178 | 1000859 | 19.367 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.01 | 216 | 223741 | 18.617 | ng/uL | 100 |
| 74) Pentachlorobenzene | 14.55 | 250 | 233989 | 18.954 | ng/uL | 100 |
| 75) Carbazole | 17.38 | 167 | 850528 | 18.566 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 17.95 | 149 | 1044502 | 17.670 | ng/ul | 100 |
| 77) Fluoranthene | 19.04 | 202 | 1135657 | 19.277 | ng/ul | 100 |
| 80) Pyrene | 19.41 | 202 | 1168209 | 17.795 | ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.33 | 149 | 472214 | 16.051 | ng/ul | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.10 | 252 | 303193 | 13.722 | ng/ul | 100 |
| 83) Benzo(a)anthracene | 21.16 | 228 | 1119600 | 18.788 | ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.11 | 149 | 723796 | 16.021 | ng/ul | 100 |
| 85) Chrysene | 21.22 | 228 | 1091445 | 18.687 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 21.97 | 149 | 1191703 | 15.351 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.70 | 252 | 1196848 | 18.240 | ng/ul | 100 |
| 89) Benzo(k)fluoranthene | 22.74 | 252 | 1140471 | 17.902 | ng/ul | 100 |
| 91) Benzo(a)pyrene | 23.26 | 252 | 1093689 | 18.186 | ng/ul | 100 |
| 92) Indeno(1,2,3-cd)pyrene | 25.52 | 276 | 1325579 | 17.305 | ng/ul | 100 |
| 93) Dibenzo(a,h)anthracene | 25.53 | 278 | 1159747 | 17.907 | ng/ul | 100 |
| 94) Benzo(g,h,i)perylene | 26.17 | 276 | 1139569 | 17.884 | ng/ul | 100 |

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

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