Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012221\
Data File : BN013447.D
Acq On : 21 Jan 2021 10:26
Operator : CG/JU
Sample : SSTD01054
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD010542

Quant Time: Jan 21 11:55:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 21 11:50:48 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 518462 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.35 | 136 | 2021599 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.22 | 164 | 1081982 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.97 | 188 | 1932151 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.17 | 240 | 1567278 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.35 | 264 | 1594411 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.19 | 96 | 50986 | 3.92 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.57 | 84 | 314596 | 9.32 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.76 | 99 | 387928 | 9.30 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 6.93 | 67 | 239378 | 9.78 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.12 | 132 | 347482 | 9.70 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.28 | 113 | 306157 | 9.14 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.72 | 128 | 149171 | 9.53 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.44 | 143 | 145333 | 8.90 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.97 | 165 | 296926 | 9.42 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.48 | 131 | 422110 | 9.27 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.63 | 166 | 787310 | 9.67 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.90 | 160 | 1013204 | 9.93 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.42 | 143 | 127393 | 8.17 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.22 | 176 | 696110 | 9.73 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 87511 | 7.67 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.07 | 188 | 930823 | 9.92 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.37 | 212 | 879669 | 9.80 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.22 | 264 | 790901 | 9.36 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 53899 | 4.011 | ng/uL | 98 |
| 5) Pyridine | 3.59 | 79 | 324386 | 9.514 | ng/ul | 99 |
| 6) Benzaldehyde | 6.74 | 77 | 170322 | 10.823 | ng/ul | 97 |
| 8) Phenol | 6.79 | 94 | 411231 | 9.567 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.02 | 93 | 347497 | 9.864 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.15 | 128 | 355693 | 9.609 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.02 | 108 | 300325 | 9.169 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.12 | 45 | 492557 | 10.017 | ng/ul | 99 |
| 16) Acetophenone | 8.39 | 105 | 492971 | 9.701 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propylamine | 8.38 | 70 | 213166 | 9.286 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.35 | 108 | 334514 | 9.487 | ng/ul | 99 |
| 19) Hexachloroethane | 8.65 | 117 | 147781 | 9.728 | ng/ul | 97 |
| 22) Nitrobenzene | 8.76 | 77 | 352031 | 9.910 | ng/ul | 97 |
| 23) Isophorone | 9.29 | 82 | 577105 | 9.168 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.47 | 139 | 172804 | 9.436 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.54 | 107 | 345843 | 9.698 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)methane | 9.78 | 93 | 428485 | 9.888 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.00 | 162 | 309642 | 9.816 | ng/ul | 98 |
| 30) Naphthalene | 10.40 | 128 | 1158160 | 10.091 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.50 | 127 | 416703 | 9.489 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.69 | 225 | 203985 | 9.898 | ng/ul | 97 |
| 34) Caprolactam | 11.26 | 113 | 61700 | 6.735 | ng/ul | 96 |

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ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD010542

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|---|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 11.63 | 107 | 283721 | 9.022 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.02 | 142 | 753792 | 9.758 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.24 | 142 | 722082 | 9.700 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216 | 363089 | 10.460 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.38 | 237 | 201191 | 9.391 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.63 | 196 | 197170 | 9.360 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.70 | 196 | 225054 | 9.813 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.05 | 154 | 935685 | 10.270 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.08 | 162 | 736199 | 10.251 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.29 | 65 | 146593 | 9.084 | ng/ul | 95 |
| 47) Dimethylphthalate | 13.68 | 163 | 834672 | 9.941 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.80 | 165 | 145399 | 9.038 | ng/ul | 100 |
| 50) Acenaphthylene | 13.93 | 152 | 1064805 | 10.097 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.12 | 138 | 130665 | 8.752 | ng/ul | 97 |
| 52) Acenaphthene | 14.28 | 153 | 765386 | 10.174 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.33 | 184 | 54430 | 6.043 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.43 | 109 | 96159 | 8.603 | ng/ul | 100 |
| 56) Dibenzofuran | 14.62 | 168 | 1024675 | 10.050 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.59 | 165 | 206896 | 9.048 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.85 | 232 | 162440 | 8.778 | ng/ul | 97 |
| 59) Diethylphthalate | 15.06 | 149 | 766484 | 9.363 | ng/ul | 99 |
| 61) Fluorene | 15.27 | 166 | 807024 | 9.930 | ng/ul | 95 |
| 62) 4-Chlorophenyl-phenylether | 15.27 | 204 | 400020 | 10.083 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.29 | 138 | 124085 | 9.341 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylphenol | 15.35 | 198 | 100151 | 8.101 | ng/ul# | 96 |
| 67) N-Nitrosodiphenylamine | 15.49 | 169 | 656664 | 10.498 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.17 | 248 | 217980 | 9.989 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.27 | 284 | 253922 | 10.292 | ng/ul | 99 |
| 70) Atrazine | 16.45 | 200 | 189654 | 9.082 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.62 | 266 | 102354 | 7.334 | ng/ul | 100 |
| 72) Phenanthrene | 17.01 | 178 | 1181933 | 10.175 | ng/ul | 100 |
| 74) Anthracene | 17.10 | 178 | 1195495 | 10.207 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.00 | 216 | 351936 | 11.283 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.54 | 250 | 327336 | 10.782 | ng/uL | 99 |
| 77) Carbazole | 17.37 | 167 | 970728 | 10.083 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 17.96 | 149 | 966552 | 8.404 | ng/ul | 100 |
| 80) Fluoranthene | 19.03 | 202 | 1132189 | 9.705 | ng/ul | 98 |
| 82) Pyrene | 19.40 | 202 | 1209913 | 10.064 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.33 | 149 | 319431 | 7.567 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.10 | 252 | 222979 | 7.592 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.16 | 228 | 1021485 | 9.789 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 485736 | 7.983 | ng/ul | 100 |
| 87) Chrysene | 21.21 | 228 | 1032634 | 10.042 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 21.98 | 149 | 765293 | 7.353 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.70 | 252 | 988484 | 9.187 | ng/ul | 96 |
| 91) Benzo(k)fluoranthene | 22.75 | 252 | 1044989 | 9.872 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.26 | 252 | 936674 | 9.740 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 25.53 | 276 | 1217130 | 11.210 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 25.54 | 278 | 1018793 | 11.223 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 26.19 | 276 | 1000913 | 10.986 | ng/ul | 95 |

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|---|---|---|---|---|---|---|

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

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