Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031821\
Data File : BP004999.D
Acq On : 18 Mar 2021 15:41
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTD020009

Quant Time: Mar 18 16:12:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 18 10:42:23 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 45044 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.52 | 136 | 182025 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.37 | 164 | 118661 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.13 | 188 | 264475 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.23 | 240 | 277636 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.52 | 264 | 269362 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 6892 | 6.05 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.64 | 84 | 45379 | 16.32 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.90 | 99 | 63076 | 17.25 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.06 | 67 | 32248 | 16.72 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.26 | 132 | 53747 | 18.27 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.43 | 113 | 50516 | 17.41 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.88 | 128 | 25738 | 18.50 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.60 | 143 | 29626 | 18.83 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.14 | 165 | 55693 | 18.40 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.66 | 131 | 71731 | 17.43 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.79 | 166 | 167514 | 18.48 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.07 | 160 | 192172 | 18.16 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.59 | 143 | 27391 | 17.18 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.37 | 176 | 144313 | 18.40 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 31132 | 16.86 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.23 | 188 | 223153 | 17.94 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.47 | 212 | 254587 | 18.46 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.37 | 264 | 270677 | 18.68 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 7008 | 5.935 | ng/uL | 89 |
| 5) Pyridine | 3.66 | 79 | 45794 | 15.960 | ng/ul | 98 |
| 6) Benzaldehyde | 6.88 | 77 | 39957 | 21.014 | ng/ul | 91 |
| 8) Phenol | 6.93 | 94 | 64629 | 16.935 | ng/ul | 95 |
| 10) Bis(2-Chloroethyl)ether | 7.16 | 93 | 49526 | 17.077 | ng/ul | 94 |
| 12) 2-Chlorophenol | 7.29 | 128 | 55945 | 18.189 | ng/ul | 95 |
| 13) 2-Methylphenol | 8.17 | 108 | 50207 | 17.277 | ng/ul | 91 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.26 | 45 | 47313 | 16.418 | ng/ul# | 92 |
| 16) Acetophenone | 8.55 | 105 | 84216 | 17.667 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propylamine | 8.53 | 70 | 38251 | 17.285 | ng/ul# | 90 |
| 18) 4-Methylphenol | 8.50 | 108 | 54429 | 17.589 | ng/ul | 97 |
| 19) Hexachloroethane | 8.80 | 117 | 22432 | 16.868 | ng/ul | 98 |
| 22) Nitrobenzene | 8.93 | 77 | 58340 | 16.429 | ng/ul | 99 |
| 23) Isophorone | 9.45 | 82 | 105817 | 16.834 | ng/ul | 95 |
| 25) 2-Nitrophenol | 9.63 | 139 | 31039 | 18.105 | ng/ul | 91 |
| 26) 2,4-Dimethylphenol | 9.70 | 107 | 62287 | 17.338 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)methane | 9.93 | 93 | 64506 | 17.249 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.16 | 162 | 55530 | 18.653 | ng/ul | 99 |
| 30) Naphthalene | 10.56 | 128 | 178462 | 17.794 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.68 | 127 | 72210 | 17.347 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.85 | 225 | 41540 | 18.452 | ng/ul | 97 |
| 34) Caprolactam | 11.46 | 113 | 16274 | 16.551 | ng/ul | 93 |

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|---|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 11.81 | 107 | 57234 | 18.094 | ng/ul# | 90 |
| 36) 2-Methylnaphthalene | 12.19 | 142 | 129289 | 18.347 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.40 | 142 | 127618 | 17.973 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.56 | 216 | 78428 | 18.387 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.53 | 237 | 45498 | 16.803 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.80 | 196 | 48165 | 18.212 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 12.87 | 196 | 51796 | 18.167 | ng/ul | 94 |
| 43) 1,1'-Biphenyl | 13.20 | 154 | 170803 | 18.083 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.25 | 162 | 135966 | 18.299 | ng/ul | 96 |
| 45) 2-Nitroaniline | 13.46 | 65 | 32676 | 16.567 | ng/ul# | 82 |
| 47) Dimethylphthalate | 13.84 | 163 | 170027 | 18.232 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.96 | 165 | 34944 | 18.498 | ng/ul | 89 |
| 50) Acenaphthylene | 14.10 | 152 | 194372 | 17.901 | ng/ul# | 97 |
| 51) 3-Nitroaniline | 14.29 | 138 | 33129 | 18.879 | ng/ul | 96 |
| 52) Acenaphthene | 14.44 | 153 | 138545 | 17.793 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.49 | 184 | 19327 | 15.606 | ng/ul | 89 |
| 55) 4-Nitrophenol | 14.60 | 109 | 24842 | 16.546 | ng/ul | 95 |
| 56) Dibenzofuran | 14.78 | 168 | 203496 | 18.144 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.75 | 165 | 49787 | 18.645 | ng/ul# | 94 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.01 | 232 | 48066 | 18.893 | ng/ul# | 92 |
| 59) Diethylphthalate | 15.21 | 149 | 163936 | 17.927 | ng/ul | 96 |
| 61) Fluorene | 15.43 | 166 | 167992 | 18.122 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenylether | 15.43 | 204 | 91362 | 18.172 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.46 | 138 | 33555 | 19.464 | ng/ul | 95 |
| 66) 4,6-Dinitro-2-methylphenol | 15.51 | 198 | 31227 | 16.811 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.65 | 169 | 145376 | 18.305 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.33 | 248 | 57734 | 18.600 | ng/ul | 94 |
| 69) Hexachlorobenzene | 16.44 | 284 | 64764 | 18.596 | ng/ul | 95 |
| 70) Atrazine | 16.60 | 200 | 56597 | 17.548 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.79 | 266 | 39861 | 17.419 | ng/ul | 93 |
| 72) Phenanthrene | 17.18 | 178 | 267739 | 17.826 | ng/ul | 99 |
| 74) Anthracene | 17.27 | 178 | 270486 | 17.828 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.17 | 216 | 80309 | 18.072 | ng/uL | 94 |
| 76) Pentachlorobenzene | 14.70 | 250 | 81125 | 18.204 | ng/uL | 95 |
| 77) Carbazole | 17.55 | 167 | 227941 | 17.112 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.10 | 149 | 267561 | 17.629 | ng/ul | 98 |
| 80) Fluoranthene | 19.15 | 202 | 319670 | 18.456 | ng/ul | 99 |
| 82) Pyrene | 19.50 | 202 | 325560 | 18.176 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.39 | 149 | 117531 | 18.238 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.15 | 252 | 112537 | 17.639 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.22 | 228 | 321403 | 17.931 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 173654 | 17.663 | ng/ul# | 96 |
| 87) Chrysene | 21.26 | 228 | 313237 | 17.817 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.03 | 149 | 290346 | 16.805 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.82 | 252 | 336051 | 18.605 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.87 | 252 | 324850 | 18.133 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.42 | 252 | 290991 | 18.329 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 25.86 | 276 | 375517 | 18.717 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 25.87 | 278 | 315061 | 18.778 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 26.57 | 276 | 309932 | 18.385 | ng/ul | 98 |

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

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