Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022221\
Data File : BP004847.D
Acq On : 22 Feb 2021 12:24
Operator : CG/JU
Sample : SSTD02002
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTD020102

Quant Time: Feb 22 12:56:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP022221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 12:56:00 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 50976 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.55 | 136 | 192758 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.40 | 164 | 113521 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.16 | 188 | 237503 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.25 | 240 | 240823 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.55 | 264 | 236096 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.26 | 96 | 10644 | 8.83 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.67 | 84 | 67878 | 21.79 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.94 | 99 | 85274 | 20.34 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.09 | 67 | 44174 | 18.79 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.29 | 132 | 68744 | 20.27 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.47 | 113 | 65215 | 19.59 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.91 | 128 | 32774 | 20.30 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.63 | 143 | 37248 | 21.98 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.18 | 165 | 70045 | 21.67 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.69 | 131 | 86991 | 19.88 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.82 | 166 | 187544 | 20.76 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.09 | 160 | 220491 | 19.85 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.63 | 143 | 31576 | 20.35 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.40 | 176 | 160179 | 20.34 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 32937 | 22.66 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.26 | 188 | 240626 | 20.89 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.50 | 212 | 264403 | 20.96 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.40 | 264 | 273043 | 21.82 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 10513 | 8.369 | ng/uL | 100 |
| 5) Pyridine | 3.69 | 79 | 66618 | 21.188 | ng/ul | 100 |
| 6) Benzaldehyde | 6.90 | 77 | 57438 | 34.360 | ng/ul | 100 |
| 8) Phenol | 6.96 | 94 | 89764 | 20.850 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.18 | 93 | 67611 | 19.282 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.32 | 128 | 73238 | 21.176 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.21 | 108 | 67364 | 20.440 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.29 | 45 | 55967 | 15.084 | ng/ul | 100 |
| 16) Acetophenone | 8.58 | 105 | 108454 | 21.131 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propylamine | 8.56 | 70 | 47442 | 19.347 | ng/ul | 100 |
| 18) 4-Methylphenol | 8.53 | 108 | 70954 | 20.257 | ng/ul | 100 |
| 19) Hexachloroethane | 8.83 | 117 | 32524 | 21.310 | ng/ul | 100 |
| 22) Nitrobenzene | 8.96 | 77 | 81357 | 21.752 | ng/ul | 100 |
| 23) Isophorone | 9.48 | 82 | 138829 | 19.978 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.66 | 139 | 40216 | 22.184 | ng/ul | 100 |
| 26) 2,4-Dimethylphenol | 9.73 | 107 | 84911 | 24.728 | ng/ul | 100 |
| 27) Bis(2-Chloroethoxy)methane | 9.96 | 93 | 84522 | 19.281 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.20 | 162 | 69147 | 21.930 | ng/ul | 100 |
| 30) Naphthalene | 10.59 | 128 | 223065 | 20.657 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.71 | 127 | 89450 | 21.238 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.88 | 225 | 52245 | 22.248 | ng/ul | 100 |
| 34) Caprolactam | 11.49 | 113 | 20245 | 19.441 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 11.85 | 107 | 72760 | 23.535 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.21 | 142 | 158309 | 21.237 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.43 | 142 | 155016 | 21.588 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.58 | 216 | 90229 | 21.670 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.56 | 237 | 56999 | 27.543 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 12.83 | 196 | 54761 | 22.622 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 12.90 | 196 | 58937 | 23.150 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.23 | 154 | 195843 | 20.956 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.27 | 162 | 156330 | 20.882 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.49 | 65 | 42627 | 24.603 | ng/ul | 100 |
| 47) Dimethylphthalate | 13.86 | 163 | 189544 | 20.804 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.98 | 165 | 39829 | 21.427 | ng/ul | 100 |
| 50) Acenaphthylene | 14.12 | 152 | 221277 | 20.134 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.32 | 138 | 38269 | 24.834 | ng/ul | 100 |
| 52) Acenaphthene | 14.47 | 153 | 162784 | 21.031 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.52 | 184 | 19715 | 20.907 | ng/ul | 100 |
| 55) 4-Nitrophenol | 14.64 | 109 | 33307 | 30.354 | ng/ul | 100 |
| 56) Dibenzofuran | 14.80 | 168 | 229425 | 20.846 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.77 | 165 | 54530 | 20.335 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.03 | 232 | 51986 | 23.170 | ng/ul | 100 |
| 59) Diethylphthalate | 15.23 | 149 | 190178 | 21.352 | ng/ul | 100 |
| 61) Fluorene | 15.46 | 166 | 189009 | 21.360 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenylether | 15.45 | 204 | 101317 | 21.096 | ng/ul | 100 |
| 63) 4-Nitroaniline | 15.48 | 138 | 39451 | 28.780 | ng/ul | 100 |
| 66) 4,6-Dinitro-2-methylphenol | 15.53 | 198 | 33213 | 21.462 | ng/ul | 100 |
| 67) N-Nitrosodiphenylamine | 15.67 | 169 | 162245 | 23.149 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.35 | 248 | 62767 | 21.554 | ng/ul | 100 |
| 69) Hexachlorobenzene | 16.46 | 284 | 67833 | 20.007 | ng/ul | 100 |
| 70) Atrazine | 16.63 | 200 | 62147 | 22.677 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.81 | 266 | 37533 | 22.913 | ng/ul | 100 |
| 72) Phenanthrene | 17.20 | 178 | 288253 | 20.882 | ng/ul | 100 |
| 74) Anthracene | 17.29 | 178 | 296467 | 21.349 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.19 | 216 | 89251 | 23.027 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.72 | 250 | 89498 | 22.921 | ng/uL | 100 |
| 77) Carbazole | 17.57 | 167 | 252551 | 21.924 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.12 | 149 | 309464 | 22.319 | ng/ul | 100 |
| 80) Fluoranthene | 19.17 | 202 | 336981 | 21.394 | ng/ul | 100 |
| 82) Pyrene | 19.53 | 202 | 345116 | 21.168 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.40 | 149 | 137571 | 23.780 | ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.17 | 252 | 125210 | 24.403 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.23 | 228 | 338385 | 21.035 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 206944 | 23.644 | ng/ul | 100 |
| 87) Chrysene | 21.29 | 228 | 323125 | 20.556 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.05 | 149 | 343886 | 25.701 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.85 | 252 | 329616 | 21.934 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 22.90 | 252 | 336916 | 22.210 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.45 | 252 | 295168 | 21.030 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 25.92 | 276 | 370753 | 20.951 | ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 25.93 | 278 | 316901 | 21.564 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 26.64 | 276 | 308356 | 20.689 | ng/ul | 100 |

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

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