Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012221\
Data File : BP004613.D
Acq On : 22 Jan 2021 14:33
Operator : CG/JU
Sample : SSTD16002
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTD160002

Quant Time: Jan 22 15:10:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 22 13:31:31 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.799 | 152 | 45139 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.599 | 136 | 163736 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.451 | 164 | 129112 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.210 | 188 | 296252 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.298 | 240 | 312730 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.627 | 264 | 299657 | 20.00 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 54287 | 42.06 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.687 | 84 | 444971 | 127.01 | ng/ul | -0.01 |
| 7) Phenol-d5 | 6.981 | 99 | 588704 | 145.39 | ng/ul | 0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.146 | 67 | 319022 | 143.98 | ng/ul | 0.01 |
| 11) 2-Chlorophenol-d4 | 7.340 | 132 | 448894 | 145.45 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.522 | 113 | 472235 | 151.45 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 8.969 | 128 | 219524 | 172.64 | ng/ul | 0.01 |
| 24) 2-Nitrophenol-d4 | 9.687 | 143 | 281152 | 202.99 | ng/ul | 0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.228 | 165 | 608951 | 230.57 | ng/ul | 0.01 |
| 31) 4-Chloroaniline-d4 | 10.746 | 131 | 622560 | 163.07 | ng/ul | 0.01 |
| 46) Dimethylphthalate-d6 | 13.875 | 166 | 1783732 | 180.45 | ng/ul | 0.01 |
| 49) Acenaphthylene-d8 | 14.151 | 160 | 2085334 | 178.56 | ng/ul | 0.01 |
| 54) 4-Nitrophenol-d4 | 14.675 | 143 | 274755 | 168.32 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 15.457 | 176 | 1608831 | 190.60 | ng/ul | 0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 200 | 371811 | 213.08 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.316 | 188 | 2537055 | 180.35 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.551 | 212 | 2912208 | 179.51 | ng/ul | 0.01 |
| 92) Benzo(a)pyrene-d12 | 23.492 | 264 | 2876715 | 176.60 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.311 | 88 | 58717 | 42.75 | ng/uL# | 87 |
| 5) Pyridine | 3.711 | 79 | 440367 | 124.99 | ng/ul | 95 |
| 6) Benzaldehyde | 6.946 | 77 | 192863 | 87.12 | ng/ul | 94 |
| 8) Phenol | 7.005 | 94 | 601520 | 140.39 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.240 | 93 | 444891 | 134.21 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.375 | 128 | 452677 | 139.10 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.252 | 108 | 461758 | 143.97 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.340 | 45 | 432441 | 113.73 | ng/ul | 98 |
| 16) Acetophenone | 8.640 | 105 | 782567 | 155.39 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.652 | 70 | 408813 | 174.68 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.599 | 108 | 487280 | 141.83 | ng/ul | 95 |
| 19) Hexachloroethane | 8.881 | 117 | 215667 | 164.14 | ng/ul | 97 |
| 22) Nitrobenzene | 9.016 | 77 | 648694 | 211.96 | ng/ul | 98 |
| 23) Isophorone | 9.557 | 82 | 1149603 | 195.93 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.722 | 139 | 283254 | 182.50 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.787 | 107 | 613330 | 196.03 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.028 | 93 | 613366 | 164.52 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.257 | 162 | 582473 | 220.38 | ng/ul | 98 |
| 30) Naphthalene | 10.657 | 128 | 1516581 | 165.30 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.769 | 127 | 610722 | 158.12 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.940 | 225 | 499561 | 292.21 | ng/ul | 98 |
| 34) Caprolactam | 11.610 | 113 | 81849 | 88.58 | ng/ul | 91 |
| 35) 4-Chloro-3-methylphenol | 11.904 | 107 | 547176 | 197.65 | ng/ul | 97 |

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Sample : SSTD16002
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTD160002

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.269 | 142 | 1200801 | 187.08 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.493 | 142 | 1155528 | 180.25 | ng/ul | 96 |
| 39) 1,2,4,5-Tetrachloroben... | 12.640 | 216 | 914973 | 213.48 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.622 | 237 | 681681 | 440.98 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.881 | 196 | 553439 | 215.67 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 12.957 | 196 | 582703 | 216.69 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.287 | 154 | 1714203 | 162.45 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.328 | 162 | 1406829 | 171.70 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.540 | 65 | 392547 | 190.33 | ng/ul | 97 |
| 47) Dimethylphthalate | 13.928 | 163 | 1779219 | 175.76 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.040 | 165 | 376424 | 194.08 | ng/ul | 97 |
| 50) Acenaphthylene | 14.181 | 152 | 1967722 | 160.88 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.369 | 138 | 246549 | 113.96 | ng/ul | 98 |
| 52) Acenaphthene | 14.522 | 153 | 1419630 | 162.12 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.569 | 184 | 267754 | 290.08 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.692 | 109 | 337986 | 281.83 | ng/ul | 95 |
| 56) Dibenzofuran | 14.857 | 168 | 2128978 | 172.55 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.828 | 165 | 527195 | 187.11 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.087 | 232 | 566231 | 257.80 | ng/ul | 98 |
| 59) Diethylphthalate | 15.298 | 149 | 1720288 | 172.44 | ng/ul | 98 |
| 61) Fluorene | 15.510 | 166 | 1917668 | 191.53 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.510 | 204 | 1139227 | 227.21 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.545 | 138 | 214569 | 100.29 | ng/ul | 86 |
| 66) 4,6-Dinitro-2-methylph... | 15.598 | 198 | 385736 | 211.81 | ng/ul# | 99 |
| 67) N-Nitrosodiphenylamine | 15.722 | 169 | 1494374 | 158.22 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.404 | 248 | 717769 | 217.18 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.510 | 284 | 801764 | 209.74 | ng/ul | 98 |
| 70) Atrazine | 16.692 | 200 | 663999 | 189.85 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.857 | 266 | 510615 | 314.60 | ng/ul | 99 |
| 72) Phenanthrene | 17.257 | 178 | 2946592 | 171.92 | ng/ul | 99 |
| 74) Anthracene | 17.351 | 178 | 3000229 | 171.53 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.245 | 216 | 886323 | 186.84 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.775 | 250 | 936379 | 194.35 | ng/uL | 99 |
| 77) Carbazole | 17.622 | 167 | 2394476 | 153.17 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.186 | 149 | 2890394 | 162.69 | ng/ul | 99 |
| 80) Fluoranthene | 19.228 | 202 | 3716457 | 182.60 | ng/ul | 99 |
| 82) Pyrene | 19.580 | 202 | 3750823 | 176.22 | ng/ul# | 96 |
| 83) Butylbenzylphthalate | 20.457 | 149 | 1250028 | 149.90 | ng/ul | 95 |
| 84) 3,3'-Dichlorobenzidine | 21.222 | 252 | 1309104 | 178.26 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.286 | 228 | 3556596 | 173.10 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.222 | 149 | 2021076 | 161.84 | ng/ul | 97 |
| 87) Chrysene | 21.339 | 228 | 3443132 | 172.14 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.127 | 149 | 2941984 | 145.65 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.933 | 252 | 3567671 | 182.25 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 22.933 | 252 | 3567671 | 179.39 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 23.545 | 252 | 3204844 | 180.89 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.074 | 276 | 4056540 | 175.83 | ng/ul# | 95 |
| 95) Dibenzo(a,h)anthracene | 26.086 | 278 | 3551918 | 185.01 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.809 | 276 | 3245042 | 170.65 | ng/ul | 97 |

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

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