Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019073.D
Acq On : 23 Dec 2023 11:17
Operator : MA/JU
Sample : PB157993BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS993

Quant Time: Dec 24 23:59:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.816 | 152 | 184639 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.610 | 136 | 710544 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.451 | 164 | 453953 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.198 | 188 | 1068183 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.292 | 240 | 1121926 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.651 | 264 | 1312370 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.246 | 96 | 24010 | 4.431 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.670 | 84 | 327994 | 22.600 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.993 | 99 | 415672 | 22.433 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.152 | 67 | 231885 | 21.115 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.346 | 132 | 326117 | 22.556 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.534 | 113 | 326317 | 21.761 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.975 | 128 | 154891 | 24.492 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.699 | 143 | 174999 | 26.691 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.234 | 165 | 350545 | 26.147 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.752 | 131 | 416570 | 23.775 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.869 | 166 | 1008039 | 24.880 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.140 | 160 | 1136086 | 25.465 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.669 | 143 | 195548 | 29.403 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.445 | 176 | 885908 | 26.049 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.575 | 200 | 193116 | 30.152 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.298 | 188 | 1454126 | 25.894 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.539 | 212 | 1850067 | 21.184 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.498 | 264 | 2010945 | 26.280 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.281 | 88 | 55492 | 9.339 | ng/uL | 95 |
| 5) Pyridine | 3.687 | 79 | 341656 | 23.312 | ng/ul | 95 |
| 6) Benzaldehyde | 6.958 | 77 | 213345 | 22.301 | ng/ul | 96 |
| 8) Phenol | 7.022 | 94 | 467472 | 25.726 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.246 | 93 | 362419 | 24.286 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.381 | 128 | 372636 | 25.466 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.269 | 108 | 343046 | 24.660 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.340 | 45 | 418870 | 22.121 | ng/ul | 99 |
| 16) Acetophenone | 8.640 | 105 | 543137 | 24.304 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.628 | 70 | 256891 | 20.895 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.599 | 108 | 374089 | 24.627 | ng/ul | 99 |
| 19) Hexachloroethane | 8.887 | 117 | 152001 | 25.338 | ng/ul | 87 |
| 22) Nitrobenzene | 9.022 | 77 | 408965 | 26.598 | ng/ul | 97 |
| 23) Isophorone | 9.546 | 82 | 751068 | 23.958 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.728 | 139 | 207252 | 29.522 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.793 | 107 | 355634 | 25.902 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.034 | 93 | 479940 | 24.249 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.263 | 162 | 372299 | 28.830 | ng/ul | 97 |
| 30) Naphthalene | 10.657 | 128 | 1141380 | 26.480 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.775 | 127 | 358392 | 21.461 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.940 | 225 | 272031 | 31.454 | ng/ul | 97 |
| 34) Caprolactam | 11.569 | 113 | 118548 | 29.938 | ng/ul | 92 |
| 35) 4-Chloro-3-methylphenol | 11.910 | 107 | 384767 | 26.597 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.269 | 142 | 788988 | 25.837 | ng/ul | 100 |

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Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
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Quant Time: Dec 24 23:59:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.493 | 142 | 782122 | 25.362 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.640 | 216 | 503783 | 30.588 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.616 | 237 | 270251 | 27.683 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.887 | 196 | 312578 | 29.502 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.957 | 196 | 345907 | 30.114 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.287 | 154 | 1076868 | 27.429 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.322 | 162 | 872129 | 28.126 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.540 | 65 | 237016 | 28.196 | ng/ul | 95 |
| 47) Dimethylphthalate | 13.916 | 163 | 1124459 | 28.195 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.040 | 165 | 234595 | 31.134 | ng/ul | 92 |
| 50) Acenaphthylene | 14.169 | 152 | 1405903 | 28.029 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.363 | 138 | 228477 | 30.376 | ng/ul | 98 |
| 52) Acenaphthene | 14.510 | 153 | 932484 | 28.117 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.575 | 184 | 139436 | 34.917 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.681 | 109 | 173428 | 34.516 | ng/ul | 90 |
| 56) Dibenzofuran | 14.851 | 168 | 1322216 | 28.685 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.822 | 165 | 351036 | 33.120 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.081 | 232 | 300314 | 31.169 | ng/ul | 91 |
| 59) Diethylphthalate | 15.281 | 149 | 1116682 | 28.614 | ng/ul | 99 |
| 61) Fluorene | 15.498 | 166 | 1083326 | 29.702 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.498 | 204 | 585719 | 30.620 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.528 | 138 | 251417 | 35.087 | ng/ul | 95 |
| 66) 4,6-Dinitro-2-methylph... | 15.587 | 198 | 226841 | 33.127 | ng/ul | 92 |
| 67) N-Nitrosodiphenylamine | 15.716 | 169 | 937254 | 26.479 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.392 | 248 | 394713 | 29.270 | ng/ul | 93 |
| 69) Hexachlorobenzene | 16.498 | 284 | 468248 | 31.100 | ng/ul | 97 |
| 70) Atrazine | 16.669 | 200 | 201254 | 19.124 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.851 | 266 | 269460 | 30.092 | ng/ul | 99 |
| 72) Phenanthrene | 17.245 | 178 | 1840782 | 28.533 | ng/ul | 100 |
| 74) Anthracene | 17.334 | 178 | 1883276 | 29.123 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.246 | 216 | 512087 | 27.726 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.769 | 250 | 528675 | 29.140 | ng/uL | 99 |
| 77) Carbazole | 17.610 | 167 | 1724603 | 33.462 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.163 | 149 | 2018410 | 29.412 | ng/ul | 100 |
| 80) Fluoranthene | 19.216 | 202 | 2394461 | 23.195 | ng/ul | 95 |
| 82) Pyrene | 19.569 | 202 | 2481793 | 23.831 | ng/ul# | 94 |
| 83) Butylbenzylphthalate | 20.445 | 149 | 959486 | 25.167 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.216 | 252 | 903836 | 33.151 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.280 | 228 | 2662887 | 29.242 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.204 | 149 | 1401565 | 26.747 | ng/ul | 100 |
| 87) Chrysene | 21.333 | 228 | 2454439 | 29.268 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.116 | 149 | 2463406 | 25.709 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.933 | 252 | 2756293 | 28.485 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 22.980 | 252 | 2670529 | 28.524 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 23.545 | 252 | 2571951 | 29.090 | ng/ul# | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.098 | 276 | 3273496 | 30.988 | ng/ul# | 94 |
| 95) Dibenzo(a,h)anthracene | 26.115 | 278 | 2708569 | 30.823 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 26.857 | 276 | 2628925 | 30.923 | ng/ul# | 94 |

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

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