Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013817.D
Acq On : 14 Feb 2023 15:01
Operator : CG/JU
Sample : PB150821BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS821

Quant Time: Feb 15 01:40:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 15 01:39:48 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.116 | 152 | 195868 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.946 | 136 | 775279 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.751 | 164 | 443747 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.510 | 188 | 880884 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.586 | 240 | 721860 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.145 | 264 | 788455 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.470 | 96 | 27795 | 5.882 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.899 | 84 | 372191 | 26.566 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.263 | 99 | 457762 | 26.231 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.434 | 67 | 269648 | 26.368 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.640 | 132 | 359616 | 27.993 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.822 | 113 | 354708 | 24.867 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.293 | 128 | 162024 | 30.037 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.016 | 143 | 183482 | 29.460 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.557 | 165 | 354676 | 27.945 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.075 | 131 | 413199 | 22.967 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.157 | 166 | 940975 | 26.923 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.445 | 160 | 1113236 | 29.425 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.939 | 143 | 149227 | 23.966 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.745 | 176 | 804698 | 27.031 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.857 | 200 | 154195 | 28.533 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.604 | 188 | 1172358 | 29.106 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.827 | 212 | 1278497 | 31.232 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.980 | 264 | 1185443 | 30.006 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.505 | 88 | 57019 | 11.240 | ng/uL | 98 |
| 5) Pyridine | 3.917 | 79 | 366441 | 26.466 | ng/ul | 99 |
| 6) Benzaldehyde | 7.246 | 77 | 266678 | 33.886 | ng/ul | 96 |
| 8) Phenol | 7.293 | 94 | 480888 | 26.844 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.528 | 93 | 386107 | 26.897 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.675 | 128 | 375159 | 28.461 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.557 | 108 | 349347 | 25.549 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.640 | 45 | 422705 | 25.888 | ng/ul | 98 |
| 16) Acetophenone | 8.946 | 105 | 572410 | 25.023 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.934 | 70 | 269819 | 23.752 | ng/ul# | 97 |
| 18) 4-Methylphenol | 8.887 | 108 | 377917 | 25.033 | ng/ul | 100 |
| 19) Hexachloroethane | 9.210 | 117 | 156093 | 28.919 | ng/ul | 96 |
| 22) Nitrobenzene | 9.334 | 77 | 417742 | 29.436 | ng/ul | 98 |
| 23) Isophorone | 9.863 | 82 | 763572 | 25.502 | ng/ul | 99 |
| 25) 2-Nitrophenol | 10.052 | 139 | 199299 | 29.524 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 10.099 | 107 | 410201 | 27.292 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.340 | 93 | 491061 | 27.159 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.587 | 162 | 354767 | 28.393 | ng/ul | 95 |
| 30) Naphthalene | 10.993 | 128 | 1176348 | 28.503 | ng/ul | 99 |
| 32) 4-Chloroaniline | 11.104 | 127 | 392554 | 21.644 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.275 | 225 | 265826 | 30.201 | ng/ul | 99 |
| 34) Caprolactam | 11.881 | 113 | 89704 | 20.459 | ng/ul | 96 |
| 35) 4-Chloro-3-methylphenol | 12.210 | 107 | 366035 | 25.374 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.593 | 142 | 760209 | 26.199 | ng/ul | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.810 | 142 | 779627 | 26.004 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.957 | 216 | 460905 | 32.961 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.934 | 237 | 293056 | 32.639 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 13.193 | 196 | 284263 | 30.978 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 13.263 | 196 | 305886 | 30.796 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.587 | 154 | 1025195 | 30.790 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.634 | 162 | 805426 | 30.749 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.834 | 65 | 185597 | 29.417 | ng/ul | 96 |
| 47) Dimethylphthalate | 14.204 | 163 | 946168 | 27.295 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.328 | 165 | 174670 | 28.840 | ng/ul | 95 |
| 50) Acenaphthylene | 14.475 | 152 | 1204935 | 29.523 | ng/ul | 98 |
| 51) 3-Nitroaniline | 14.657 | 138 | 158498 | 26.470 | ng/ul | 98 |
| 52) Acenaphthene | 14.816 | 153 | 830022 | 29.055 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.857 | 184 | 100877 | 23.357 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.951 | 109 | 129376 | 23.680 | ng/ul | 98 |
| 56) Dibenzofuran | 15.151 | 168 | 1173577 | 28.655 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.110 | 165 | 243986 | 27.021 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.375 | 232 | 258171 | 27.576 | ng/ul | 97 |
| 59) Diethylphthalate | 15.563 | 149 | 898418 | 25.810 | ng/ul | 99 |
| 61) Fluorene | 15.804 | 166 | 910074 | 27.238 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.787 | 204 | 494294 | 28.452 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.816 | 138 | 161350 | 28.455 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.869 | 198 | 152613 | 28.805 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 16.004 | 169 | 767206 | 32.043 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.686 | 248 | 300966 | 32.353 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.810 | 284 | 343024 | 31.646 | ng/ul | 98 |
| 70) Atrazine | 16.951 | 200 | 240626 | 25.131 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.151 | 266 | 198274 | 28.110 | ng/ul | 99 |
| 72) Phenanthrene | 17.551 | 178 | 1378316 | 29.569 | ng/ul | 100 |
| 74) Anthracene | 17.639 | 178 | 1390879 | 29.658 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.557 | 216 | 450057 | 38.273 | ng/uL | 100 |
| 76) Pentachlorobenzene | 15.069 | 250 | 424522 | 34.984 | ng/uL | 100 |
| 77) Carbazole | 17.904 | 167 | 1191058 | 28.831 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.439 | 149 | 1355171 | 27.047 | ng/ul | 100 |
| 80) Fluoranthene | 19.498 | 202 | 1533768 | 32.729 | ng/ul | 100 |
| 82) Pyrene | 19.851 | 202 | 1569525 | 31.413 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.704 | 149 | 479240 | 28.026 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.492 | 252 | 463568 | 28.533 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.569 | 228 | 1473178 | 29.867 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.463 | 149 | 702721 | 26.837 | ng/ul | 98 |
| 87) Chrysene | 21.621 | 228 | 1411157 | 30.324 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.445 | 149 | 1147473 | 21.150 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.357 | 252 | 1549099 | 29.464 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.410 | 252 | 1461465 | 28.019 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.033 | 252 | 1363327 | 30.595 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.845 | 276 | 1875616 | 37.526 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.862 | 278 | 1567315 | 37.539 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.680 | 276 | 1569685 | 39.446 | ng/ul | 99 |

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

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