Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016038.D
Acq On : 06 Jul 2023 17:17
Operator : MA/JU
Sample : PB153520BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS520

Quant Time: Jul 06 23:28:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 06 23:18:26 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.028 | 152 | 190198 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.846 | 136 | 866524 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.675 | 164 | 558974 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.439 | 188 | 1253425 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.533 | 240 | 1090059 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 24.086 | 264 | 1041922 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.352 | 96 | 35710 | 6.755 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.799 | 84 | 450068 | 33.774 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.211 | 99 | 656168 | 40.321 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.352 | 67 | 425901 | 42.302 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.558 | 132 | 507530 | 41.315 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.763 | 113 | 545204 | 42.409 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.210 | 128 | 262580 | 39.651 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.940 | 143 | 298147 | 38.575 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.499 | 165 | 519165 | 37.694 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.016 | 131 | 683872 | 38.652 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.087 | 166 | 1714889 | 39.692 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.375 | 160 | 1887136 | 38.856 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.945 | 143 | 224358 | 39.351 | ng/ul | -0.02 |
| 60) Fluorene-d10 | 15.675 | 176 | 1392926 | 39.155 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.845 | 200 | 288650 | 37.446 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.545 | 188 | 2173939 | 37.970 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.775 | 212 | 2590061 | 36.388 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.910 | 264 | 2136354 | 40.647 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.387 | 88 | 72739 | 12.786 | ng/uL | 96 |
| 5) Pyridine | 3.817 | 79 | 468887 | 33.634 | ng/ul | 99 |
| 6) Benzaldehyde | 7.175 | 77 | 393151 | 59.755 | ng/ul | 98 |
| 8) Phenol | 7.240 | 94 | 693406 | 41.060 | ng/ul | 92 |
| 10) Bis(2-Chloroethyl)ether | 7.446 | 93 | 551056 | 41.012 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.593 | 128 | 510812 | 39.139 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.493 | 108 | 525446 | 41.210 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.552 | 45 | 827446 | 45.088 | ng/ul | 98 |
| 16) Acetophenone | 8.869 | 105 | 859938 | 40.691 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.846 | 70 | 487131 | 41.502 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.834 | 108 | 579648 | 42.311 | ng/ul | 99 |
| 19) Hexachloroethane | 9.093 | 117 | 219990 | 36.496 | ng/ul | 87 |
| 22) Nitrobenzene | 9.258 | 77 | 702602 | 37.781 | ng/ul | 97 |
| 23) Isophorone | 9.781 | 82 | 1392709 | 39.135 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.975 | 139 | 309196 | 37.694 | ng/ul | 93 |
| 26) 2,4-Dimethylphenol | 10.034 | 107 | 598645 | 33.199 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.257 | 93 | 796795 | 39.661 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.528 | 162 | 508967 | 37.170 | ng/ul | 99 |
| 30) Naphthalene | 10.899 | 128 | 1733394 | 36.798 | ng/ul | 100 |
| 32) 4-Chloroaniline | 11.040 | 127 | 646661 | 35.179 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.157 | 225 | 302332 | 29.237 | ng/ul | 97 |
| 34) Caprolactam | 11.863 | 113 | 200822 | 47.946 | ng/ul | 93 |
| 35) 4-Chloro-3-methylphenol | 12.181 | 107 | 621175 | 38.755 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.510 | 142 | 1162017 | 37.472 | ng/ul | 98 |

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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**ClientSampleId :**
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.728 | 142 | 1184318 | 37.438 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.881 | 216 | 616234 | 33.454 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.828 | 237 | 138902 | 25.206 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 13.140 | 196 | 407254 | 34.984 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.228 | 196 | 446924 | 36.195 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.510 | 154 | 1593784 | 35.998 | ng/ul | 97 |
| 44) 2-Chloronaphthalene | 13.563 | 162 | 1250436 | 35.852 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.793 | 65 | 461392 | 42.042 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.134 | 163 | 1680367 | 37.581 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.281 | 165 | 360487 | 39.746 | ng/ul | 98 |
| 50) Acenaphthylene | 14.404 | 152 | 1999058 | 37.355 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.628 | 138 | 350597 | 49.294 | ng/ul | 93 |
| 52) Acenaphthene | 14.740 | 153 | 1379794 | 37.182 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.869 | 184 | 179942 | 37.395 | ng/ul | 89 |
| 55) 4-Nitrophenol | 14.963 | 109 | 246912 | 41.791 | ng/ul# | 81 |
| 56) Dibenzofuran | 15.081 | 168 | 1900705 | 36.896 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 15.093 | 165 | 507879 | 41.092 | ng/ul | 86 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.322 | 232 | 375372 | 35.393 | ng/ul | 98 |
| 59) Diethylphthalate | 15.493 | 149 | 1747854 | 38.629 | ng/ul | 99 |
| 61) Fluorene | 15.728 | 166 | 1583284 | 37.892 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.716 | 204 | 757942 | 35.450 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.804 | 138 | 337734 | 69.380 | ng/ul# | 85 |
| 66) 4,6-Dinitro-2-methylph... | 15.863 | 198 | 285276 | 36.577 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.940 | 169 | 1357558 | 36.179 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.616 | 248 | 479163 | 33.477 | ng/ul | 93 |
| 69) Hexachlorobenzene | 16.745 | 284 | 563246 | 33.350 | ng/ul | 98 |
| 70) Atrazine | 16.898 | 200 | 319958 | 22.276 | ng/ul | 97 |
| 71) Pentachlorophenol | 17.110 | 266 | 256025 | 31.586 | ng/ul | 95 |
| 72) Phenanthrene | 17.486 | 178 | 2571504 | 37.764 | ng/ul | 100 |
| 74) Anthracene | 17.581 | 178 | 2574513 | 37.627 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.481 | 216 | 618078 | 30.304 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.998 | 250 | 637122 | 30.951 | ng/uL | 100 |
| 77) Carbazole | 17.869 | 167 | 2401681 | 41.646 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.369 | 149 | 3128892 | 40.925 | ng/ul | 100 |
| 80) Fluoranthene | 19.451 | 202 | 3081308 | 34.832 | ng/ul# | 95 |
| 82) Pyrene | 19.810 | 202 | 3163199 | 35.054 | ng/ul# | 92 |
| 83) Butylbenzylphthalate | 20.645 | 149 | 1469517 | 39.917 | ng/ul | 93 |
| 84) 3,3'-Dichlorobenzidine | 21.451 | 252 | 941990 | 38.228 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.516 | 228 | 2860973 | 37.310 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.392 | 149 | 2084146 | 41.194 | ng/ul | 99 |
| 87) Chrysene | 21.580 | 228 | 2801814 | 38.512 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.351 | 149 | 3477208 | 45.666 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.292 | 252 | 2591016 | 38.702 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.345 | 252 | 2718054 | 40.183 | ng/ul# | 97 |
| 93) Benzo(a)pyrene | 23.969 | 252 | 2251169 | 38.483 | ng/ul# | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.774 | 276 | 2471967 | 31.128 | ng/ul# | 92 |
| 95) Dibenzo(a,h)anthracene | 26.780 | 278 | 2065953 | 31.673 | ng/ul# | 95 |
| 96) Benzo(g,h,i)perylene | 27.621 | 276 | 1952651 | 29.889 | ng/ul# | 93 |

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

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