Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
Data File : BP011559.D
Acq On : 25 Aug 2022 11:18
Operator : CG/JU
Sample : PB147280BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS280

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 08/26/2022
Supervised By :mohammad ahmed 08/27/2022

Quant Time: Aug 26 01:02:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 25 02:14:54 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.546 | 152 | 68032 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.334 | 136 | 305905 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.222 | 164 | 191978 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.992 | 188 | 389498 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.128 | 240 | 367829 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.416 | 264 | 369694 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.064 | 96 | 14111 | 6.437 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.470 | 84 | 178184 | 31.745 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.734 | 99 | 217936 | 34.859 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.899 | 67 | 140773 | 34.658 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.081 | 132 | 180244 | 39.199 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.275 | 113 | 182827 | 36.536 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.716 | 128 | 88824 | 40.332 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.428 | 143 | 94595 | 42.205 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.963 | 165 | 165780 | 40.070 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.487 | 131 | 237623 | 34.503 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.651 | 166 | 524642 | 38.638 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.910 | 160 | 628723 | 41.661 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.457 | 143 | 95402 | 36.467 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.228 | 176 | 436853 | 38.242 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.369 | 200 | 84917 | 40.347 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.092 | 188 | 656939 | 38.083 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.357 | 212 | 737658 | 39.637 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.269 | 264 | 704012 | 39.148 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.093 | 88 | 28210 | 12.341 | ng/uL | 98 |
| 5) Pyridine | 3.487 | 79 | 185473 | 33.104 | ng/ul | 95 |
| 6) Benzaldehyde | 6.705 | 77 | 150414 | 52.426 | ng/ul | 99 |
| 8) Phenol | 6.764 | 94 | 223106 | 34.727 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 6.993 | 93 | 170619 | 34.045 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.111 | 128 | 182464 | 36.877 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.005 | 108 | 165727 | 35.015 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.087 | 45 | 258969 | 34.881 | ng/ul | 99 |
| 16) Acetophenone | 8.381 | 105 | 289399 | 34.766 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.375 | 70 | 151695 | 36.636 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.334 | 108 | 184162 | 35.146 | ng/ul | 94 |
| 19) Hexachloroethane | 8.611 | 117 | 85900 | 38.273 | ng/ul | 97 |
| 22) Nitrobenzene | 8.758 | 77 | 235280 | 37.902 | ng/ul | 97 |
| 23) Isophorone | 9.287 | 82 | 408899 | 37.525 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.463 | 139 | 102613 | 40.126 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.528 | 107 | 224028 | 36.896 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 9.769 | 93 | 240022 | 36.441 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 9.993 | 162 | 164708 | 38.900 | ng/ul | 97 |
| 30) Naphthalene | 10.387 | 128 | 582791 | 36.082 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.510 | 127 | 236451 | 33.138 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.663 | 225 | 105641 | 39.192 | ng/ul | 98 |
| 34) Caprolactam | 11.316 | 113 | 55571m | 36.197 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.652 | 107 | 207651 | 38.790 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.016 | 142 | 391148 | 37.222 | ng/ul | 96 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.234 | 142 | 397157 | 37.263 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.387 | 216 | 180211 | 36.984 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.357 | 237 | 96325 | 31.864 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.640 | 196 | 121036 | 38.594 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 12.710 | 196 | 133964 | 38.374 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.046 | 154 | 517033 | 36.144 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.087 | 162 | 392725 | 36.433 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.310 | 65 | 149898 | 40.744 | ng/ul | 97 |
| 47) Dimethylphthalate | 13.699 | 163 | 511214 | 36.427 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 13.822 | 165 | 100358 | 39.776 | ng/ul | 100 |
| 50) Acenaphthylene | 13.940 | 152 | 659537 | 36.787 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.151 | 138 | 108866 | 39.613 | ng/ul | 98 |
| 52) Acenaphthene | 14.287 | 153 | 436886 | 36.382 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.363 | 184 | 57459 | 37.207 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.475 | 109 | 119163 | 38.229 | ng/ul | 88 |
| 56) Dibenzofuran | 14.628 | 168 | 602853 | 36.405 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.616 | 165 | 151579 | 40.131 | ng/ul | 91 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.857 | 232 | 107884 | 39.361 | ng/ul | 97 |
| 59) Diethylphthalate | 15.075 | 149 | 578729 | 37.651 | ng/ul | 99 |
| 61) Fluorene | 15.281 | 166 | 506068 | 37.356 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.287 | 204 | 231675 | 37.855 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.328 | 138 | 122392m | 46.105 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.381 | 198 | 81472 | 37.422 | ng/ul# | 89 |
| 67) N-Nitrosodiphenylamine | 15.504 | 169 | 426930 | 37.361 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.187 | 248 | 132012 | 37.968 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.287 | 284 | 152807 | 38.134 | ng/ul | 99 |
| 70) Atrazine | 16.481 | 200 | 153350 | 35.959 | ng/ul | 96 |
| 71) Pentachlorophenol | 16.645 | 266 | 92977 | 37.421 | ng/ul | 99 |
| 72) Phenanthrene | 17.040 | 178 | 776923 | 36.852 | ng/ul | 99 |
| 74) Anthracene | 17.128 | 178 | 789440 | 37.116 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.004 | 216 | 180903 | 36.131 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.540 | 250 | 179871 | 37.860 | ng/uL | 100 |
| 77) Carbazole | 17.410 | 167 | 726248 | 36.302 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 17.987 | 149 | 990369 | 40.200 | ng/ul | 99 |
| 80) Fluoranthene | 19.034 | 202 | 876472 | 38.297 | ng/ul | 96 |
| 82) Pyrene | 19.386 | 202 | 912631 | 37.951 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.286 | 149 | 446560 | 41.396 | ng/ul | 95 |
| 84) 3,3'-Dichlorobenzidine | 21.051 | 252 | 284458 | 40.851 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.110 | 228 | 853458 | 38.084 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.051 | 149 | 672763 | 42.143 | ng/ul | 97 |
| 87) Chrysene | 21.163 | 228 | 839009 | 38.112 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 21.945 | 149 | 1138430 | 38.308 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.722 | 252 | 867582 | 37.727 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.763 | 252 | 838050 | 38.188 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 23.316 | 252 | 846614 | 37.708 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 25.774 | 276 | 928698 | 37.085 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 25.792 | 278 | 808471 | 37.494 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 26.498 | 276 | 695320 | 32.641 | ng/ul | 99 |

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

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