Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016258.D
Acq On : 17 Jul 2023 17:49
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020663

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :mohammad ahmed 07/18/2023

Quant Time: Jul 18 00:04:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.957 | 152 | 182290 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.769 | 136 | 867934 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.604 | 164 | 555798 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.375 | 188 | 1257563 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.468 | 240 | 1262946 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.974 | 264 | 1349855 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.281 | 96 | 41030 | 7.965 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.734 | 84 | 258964 | 20.156 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.146 | 99 | 340995 | 20.710 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.287 | 67 | 227214 | 20.408 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.487 | 132 | 263606 | 22.178 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.699 | 113 | 276587 | 20.853 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.146 | 128 | 131040 | 21.884 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.875 | 143 | 148626 | 21.778 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.434 | 165 | 272643 | 23.070 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.951 | 131 | 383060 | 20.222 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.022 | 166 | 866469 | 20.437 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.304 | 160 | 1008356 | 21.702 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.928 | 143 | 152245m | 17.596 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.604 | 176 | 742526 | 20.927 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.792 | 200 | 120431 | 16.589 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.480 | 188 | 1176727 | 21.392 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.716 | 212 | 1433791 | 21.878 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.798 | 264 | 1431937 | 22.090 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.316 | 88 | 43146 | 7.635 | ng/uL# | 92 |
| 5) Pyridine | 3.752 | 79 | 266850 | 20.278 | ng/ul | 98 |
| 6) Benzaldehyde | 7.116 | 77 | 222335 | 21.626 | ng/ul | 96 |
| 8) Phenol | 7.175 | 94 | 369925 | 20.959 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.381 | 93 | 294039 | 20.485 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.522 | 128 | 269629 | 21.864 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.422 | 108 | 275099 | 20.708 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.487 | 45 | 486576 | 20.887 | ng/ul | 99 |
| 16) Acetophenone | 8.804 | 105 | 458946 | 20.983 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.775 | 70 | 252546 | 21.537 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.769 | 108 | 305653 | 21.040 | ng/ul | 99 |
| 19) Hexachloroethane | 9.016 | 117 | 117776 | 20.948 | ng/ul | 97 |
| 22) Nitrobenzene | 9.193 | 77 | 366551 | 21.069 | ng/ul | 99 |
| 23) Isophorone | 9.710 | 82 | 708853 | 20.555 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.904 | 139 | 162279 | 22.132 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.969 | 107 | 342528 | 21.242 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.193 | 93 | 424774 | 21.154 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.463 | 162 | 271599 | 22.350 | ng/ul | 98 |
| 30) Naphthalene | 10.822 | 128 | 961353 | 21.106 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.975 | 127 | 387273 | 20.556 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 11.081 | 225 | 171248 | 20.749 | ng/ul | 99 |
| 34) Caprolactam | 11.792 | 113 | 88880 | 20.203 | ng/ul | 92 |
| 35) 4-Chloro-3-methylphenol | 12.116 | 107 | 316978 | 21.137 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.440 | 142 | 643307 | 21.065 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.657 | 142 | 663149 | 21.114 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.810 | 216 | 345191 | 21.807 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.757 | 237 | 130859 | 21.058 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.075 | 196 | 223701 | 22.368 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 13.169 | 196 | 240373 | 22.607 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.439 | 154 | 871155 | 21.487 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.492 | 162 | 693936 | 21.785 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.739 | 65 | 221164 | 21.305 | ng/ul | 99 |
| 47) Dimethylphthalate | 14.069 | 163 | 867241 | 20.253 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.228 | 165 | 168284 | 20.846 | ng/ul | 99 |
| 50) Acenaphthylene | 14.334 | 152 | 1153686 | 21.619 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.581 | 138 | 164823 | 20.106 | ng/ul | 96 |
| 52) Acenaphthene | 14.675 | 153 | 765599 | 21.212 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.822 | 184 | 108725 | 19.242 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.933 | 109 | 104633 | 15.891 | ng/ul | 85 |
| 56) Dibenzofuran | 15.016 | 168 | 1042100 | 21.197 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.033 | 165 | 256612 | 21.548 | ng/ul | 93 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.257 | 232 | 207035 | 21.455 | ng/ul | 98 |
| 59) Diethylphthalate | 15.428 | 149 | 889880 | 19.984 | ng/ul | 100 |
| 61) Fluorene | 15.663 | 166 | 858251 | 20.898 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.651 | 204 | 415810 | 20.934 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.757 | 138 | 156171m | 20.743 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.804 | 198 | 132030 | 17.401 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.875 | 169 | 715389 | 21.462 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.551 | 248 | 257453 | 21.542 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.675 | 284 | 303964 | 21.120 | ng/ul | 98 |
| 70) Atrazine | 16.833 | 200 | 262134 | 19.832 | ng/ul | 98 |
| 71) Pentachlorophenol | 17.045 | 266 | 142264 | 19.712 | ng/ul | 99 |
| 72) Phenanthrene | 17.416 | 178 | 1381540 | 21.084 | ng/ul | 100 |
| 74) Anthracene | 17.516 | 178 | 1418363 | 21.542 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.410 | 216 | 365898 | 22.163 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.933 | 250 | 336714 | 21.607 | ng/uL | 99 |
| 77) Carbazole | 17.810 | 167 | 1263428 | 21.046 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.310 | 149 | 1576542 | 20.965 | ng/ul | 100 |
| 80) Fluoranthene | 19.386 | 202 | 1670026 | 21.792 | ng/ul | 98 |
| 82) Pyrene | 19.745 | 202 | 1782897 | 21.791 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.586 | 149 | 772788 | 21.901 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.392 | 252 | 560144 | 18.982 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.451 | 228 | 1785122 | 21.706 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.333 | 149 | 1153133 | 21.876 | ng/ul | 99 |
| 87) Chrysene | 21.510 | 228 | 1751926 | 21.028 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.274 | 149 | 2028121 | 23.987 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.192 | 252 | 1775514 | 23.027 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.245 | 252 | 1761723 | 22.452 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.857 | 252 | 1639292 | 21.461 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.598 | 276 | 1743221 | 18.430 | ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 26.603 | 278 | 1428002 | 18.509 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 27.427 | 276 | 1329628 | 17.612 | ng/ul | 99 |

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

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