Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP017996.D
Acq On : 09 Nov 2023 19:33
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 09 23:23:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.864 | 152 | 67355 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.687 | 136 | 276536 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.540 | 164 | 176386 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.322 | 188 | 402508 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.451 | 240 | 406544 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.963 | 264 | 455415 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.246 | 96 | 15005 | 7.626 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.681 | 84 | 92233 | 18.036 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.028 | 99 | 111222 | 17.571 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.216 | 67 | 71565 | 18.665 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.387 | 132 | 91443 | 18.056 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.587 | 113 | 91819 | 18.086 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.069 | 128 | 44263 | 17.874 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.787 | 143 | 50100 | 18.178 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.310 | 165 | 90722 | 18.374 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.863 | 131 | 121039 | 17.889 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.963 | 166 | 295204 | 18.206 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.240 | 160 | 319694 | 18.391 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.793 | 143 | 36900 | 15.538 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.545 | 176 | 244196 | 18.170 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 200 | 48813 | 17.368 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.422 | 188 | 388604 | 18.018 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.675 | 212 | 475004 | 18.154 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.792 | 264 | 474812 | 17.937 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.281 | 88 | 16381 | 7.389 | ng/uL | 99 |
| 5) Pyridine | 3.699 | 79 | 96833 | 18.446 | ng/ul | 97 |
| 6) Benzaldehyde | 7.034 | 77 | 75210 | 21.587 | ng/ul | 97 |
| 8) Phenol | 7.058 | 94 | 111313 | 17.859 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.311 | 93 | 91307 | 18.560 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.422 | 128 | 93456 | 18.141 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.316 | 108 | 84318 | 18.050 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.375 | 45 | 106791m | 18.731 | ng/ul | |
| 16) Acetophenone | 8.722 | 105 | 148629 | 18.309 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.687 | 70 | 78825 | 17.729 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.652 | 108 | 89781 | 17.723 | ng/ul | 99 |
| 19) Hexachloroethane | 8.916 | 117 | 44635 | 18.124 | ng/ul | 98 |
| 22) Nitrobenzene | 9.116 | 77 | 120893 | 17.942 | ng/ul | 97 |
| 23) Isophorone | 9.622 | 82 | 214404 | 17.972 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.816 | 139 | 51535 | 18.184 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.858 | 107 | 108780 | 17.956 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.110 | 93 | 121014 | 17.968 | ng/ul | 96 |
| 29) 2,4-Dichlorophenol | 10.340 | 162 | 88412 | 18.674 | ng/ul | 96 |
| 30) Naphthalene | 10.740 | 128 | 303819 | 18.119 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.893 | 127 | 116424 | 17.986 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.957 | 225 | 65401 | 18.593 | ng/ul | 94 |
| 34) Caprolactam | 11.734 | 113 | 26703m | 18.045 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.999 | 107 | 101419 | 17.991 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.352 | 142 | 205535 | 17.934 | ng/ul | 93 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.575 | 142 | 207927 | 17.809 | ng/ul | 94 |
| 39) 1,2,4,5-Tetrachloroben... | 12.704 | 216 | 110710 | 18.510 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.646 | 237 | 45093 | 15.770 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 12.969 | 196 | 70623 | 18.076 | ng/ul | 92 |
| 42) 2,4,5-Trichlorophenol | 13.051 | 196 | 75808 | 18.130 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.369 | 154 | 271800 | 18.122 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.416 | 162 | 216262 | 18.228 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.675 | 65 | 69708 | 18.573 | ng/ul | 92 |
| 47) Dimethylphthalate | 14.010 | 163 | 292457 | 17.879 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.163 | 165 | 56087 | 18.260 | ng/ul | 96 |
| 50) Acenaphthylene | 14.269 | 152 | 360333 | 18.100 | ng/ul | 98 |
| 51) 3-Nitroaniline | 14.510 | 138 | 52346 | 18.197 | ng/ul | 99 |
| 52) Acenaphthene | 14.604 | 153 | 239914 | 18.136 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.722 | 184 | 24666 | 14.927 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.810 | 109 | 55637 | 17.294 | ng/ul | 99 |
| 56) Dibenzofuran | 14.945 | 168 | 328933 | 18.014 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.957 | 165 | 86608 | 18.435 | ng/ul | 94 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.169 | 232 | 67676 | 18.592 | ng/ul | 99 |
| 59) Diethylphthalate | 15.369 | 149 | 332842 | 12.644 | ng/ul | 99 |
| 61) Fluorene | 15.598 | 166 | 275541 | 17.892 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.593 | 204 | 136931 | 18.113 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.687 | 138 | 51056 | 18.744 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.710 | 198 | 52449 | 17.814 | ng/ul# | 98 |
| 67) N-Nitrosodiphenylamine | 15.822 | 169 | 232297 | 18.020 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.498 | 248 | 81016 | 18.435 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.575 | 284 | 91452 | 18.357 | ng/ul | 97 |
| 70) Atrazine | 16.781 | 200 | 85788 | 19.230 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.951 | 266 | 52694 | 17.163 | ng/ul | 98 |
| 72) Phenanthrene | 17.363 | 178 | 448049 | 17.883 | ng/ul | 99 |
| 74) Anthracene | 17.457 | 178 | 453581 | 17.907 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.322 | 216 | 110527 | 18.302 | ng/uL | 96 |
| 76) Pentachlorobenzene | 14.834 | 250 | 108279 | 18.246 | ng/uL | 98 |
| 77) Carbazole | 17.757 | 167 | 406208 | 18.571 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.257 | 149 | 528242 | 17.957 | ng/ul | 99 |
| 80) Fluoranthene | 19.345 | 202 | 553465 | 18.276 | ng/ul | 99 |
| 82) Pyrene | 19.704 | 202 | 583238 | 18.222 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.569 | 149 | 257581 | 18.584 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.375 | 252 | 186444 | 19.354 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.433 | 228 | 598551 | 18.314 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.310 | 149 | 367369 | 18.903 | ng/ul | 98 |
| 87) Chrysene | 21.486 | 228 | 554485 | 18.012 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.275 | 149 | 643042 | 18.602 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.180 | 252 | 582125 | 17.785 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.233 | 252 | 591175 | 18.096 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.845 | 252 | 557927 | 18.084 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.627 | 276 | 649347 | 17.758 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.651 | 278 | 539913 | 17.859 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 27.462 | 276 | 519086 | 17.788 | ng/ul | 97 |

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

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