Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014977.D
Acq On : 05 May 2023 11:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020698

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 05 22:35:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 12:12:36 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.163 | 152 | 289003 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.998 | 136 | 1283433 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.810 | 164 | 829570 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.569 | 188 | 1812387 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.645 | 240 | 1556726 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.251 | 264 | 1372349 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.458 | 96 | 52116 | 6.705 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.899 | 84 | 358256 | 16.863 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.310 | 99 | 445820 | 17.793 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.481 | 67 | 265630 | 17.152 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.687 | 132 | 337583 | 18.323 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.875 | 113 | 355679 | 18.421 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.340 | 128 | 175366 | 19.212 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.075 | 143 | 195384 | 20.845 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.616 | 165 | 350820 | 19.062 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.134 | 131 | 521388 | 19.586 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.210 | 166 | 1074668 | 18.304 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.504 | 160 | 1234527 | 17.532 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.998 | 143 | 205173 | 20.087 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.804 | 176 | 919866 | 18.211 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.922 | 200 | 188329 | 18.459 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.663 | 188 | 1436920 | 17.645 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.880 | 212 | 1614068 | 15.373 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.074 | 264 | 1188729 | 17.778 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.499 | 88 | 56974 | 6.766 | ng/uL | 96 |
| 5) Pyridine | 3.917 | 79 | 379232 | 17.147 | ng/ul | 97 |
| 6) Benzaldehyde | 7.293 | 77 | 151225 | 22.075 | ng/ul | 98 |
| 8) Phenol | 7.340 | 94 | 464357 | 17.652 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.575 | 93 | 378914 | 17.330 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.722 | 128 | 356944 | 17.884 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.610 | 108 | 356753 | 18.188 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.699 | 45 | 471680 | 17.007 | ng/ul | 99 |
| 16) Acetophenone | 8.999 | 105 | 590254 | 18.696 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.981 | 70 | 303127 | 18.839 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.940 | 108 | 392484 | 18.100 | ng/ul | 100 |
| 19) Hexachloroethane | 9.263 | 117 | 150735 | 17.407 | ng/ul | 99 |
| 22) Nitrobenzene | 9.387 | 77 | 431404 | 17.987 | ng/ul | 97 |
| 23) Isophorone | 9.916 | 82 | 883338 | 18.636 | ng/ul | 100 |
| 25) 2-Nitrophenol | 10.104 | 139 | 211020 | 19.576 | ng/ul | 100 |
| 26) 2,4-Dimethylphenol | 10.157 | 107 | 424318 | 18.138 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.399 | 93 | 534531 | 17.640 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.640 | 162 | 354024 | 18.598 | ng/ul | 97 |
| 30) Naphthalene | 11.051 | 128 | 1202373 | 17.043 | ng/ul | 100 |
| 32) 4-Chloroaniline | 11.157 | 127 | 541509 | 19.494 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.334 | 225 | 217392 | 17.699 | ng/ul | 99 |
| 34) Caprolactam | 11.928 | 113 | 131793 | 22.473 | ng/ul | 95 |
| 35) 4-Chloro-3-methylphenol | 12.269 | 107 | 396762 | 20.275 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.651 | 142 | 802264 | 18.389 | ng/ul | 99 |

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Quant Title : SVOA CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.863 | 142 | 817927 | 18.188 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 13.010 | 216 | 428964 | 16.577 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.987 | 237 | 367811 | 21.080 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 13.245 | 196 | 296591 | 18.601 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 13.322 | 196 | 318154 | 18.513 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.645 | 154 | 1102156 | 16.618 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.692 | 162 | 864637 | 16.736 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.892 | 65 | 254681 | 21.170 | ng/ul | 98 |
| 47) Dimethylphthalate | 14.257 | 163 | 1121848 | 18.172 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.381 | 165 | 229176 | 21.007 | ng/ul | 100 |
| 50) Acenaphthylene | 14.534 | 152 | 1379829 | 17.284 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.710 | 138 | 186655 | 18.909 | ng/ul | 96 |
| 52) Acenaphthene | 14.875 | 153 | 945855 | 17.122 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.922 | 184 | 131674 | 19.831 | ng/ul | 94 |
| 55) 4-Nitrophenol | 15.010 | 109 | 155086 | 19.947 | ng/ul | 99 |
| 56) Dibenzofuran | 15.204 | 168 | 1304492 | 17.500 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 15.169 | 165 | 332530 | 21.762 | ng/ul | 93 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.434 | 232 | 283773 | 20.290 | ng/ul | 92 |
| 59) Diethylphthalate | 15.616 | 149 | 1124488 | 19.277 | ng/ul | 99 |
| 61) Fluorene | 15.857 | 166 | 1070475 | 18.205 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.845 | 204 | 519712 | 18.061 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.875 | 138 | 173719m | 21.085 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.934 | 198 | 197359 | 18.237 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 16.057 | 169 | 925173 | 16.819 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.745 | 248 | 325247 | 17.251 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.869 | 284 | 384991 | 17.335 | ng/ul | 95 |
| 70) Atrazine | 17.010 | 200 | 348453 | 18.825 | ng/ul | 100 |
| 71) Pentachlorophenol | 17.210 | 266 | 238386 | 18.388 | ng/ul | 98 |
| 72) Phenanthrene | 17.610 | 178 | 1706114 | 17.040 | ng/ul | 100 |
| 74) Anthracene | 17.698 | 178 | 1737204 | 17.427 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.616 | 216 | 442839 | 14.760 | ng/uL | 98 |
| 76) Pentachlorobenzene | 15.128 | 250 | 449032 | 15.732 | ng/uL | 99 |
| 77) Carbazole | 17.963 | 167 | 1570339 | 18.729 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.492 | 149 | 1975961 | 21.075 | ng/ul | 99 |
| 80) Fluoranthene | 19.557 | 202 | 1993989 | 15.477 | ng/ul | 99 |
| 82) Pyrene | 19.910 | 202 | 2061897 | 15.106 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.763 | 149 | 895725 | 21.857 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.551 | 252 | 588233 | 22.451 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.633 | 228 | 1870015 | 17.997 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.527 | 149 | 1294883 | 25.112 | ng/ul# | 99 |
| 87) Chrysene | 21.686 | 228 | 1752238 | 16.748 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.516 | 149 | 2116588 | 26.415 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.445 | 252 | 1623818 | 18.308 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.498 | 252 | 1625026 | 18.003 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.127 | 252 | 1332822 | 17.135 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 27.004 | 276 | 1423828 | 15.006 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 27.027 | 278 | 1180154 | 15.176 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 27.856 | 276 | 1178127 | 14.589 | ng/ul | 99 |

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

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