Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014405.D
Acq On : 30 Mar 2023 17:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020799

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

Quant Time: Mar 30 22:41:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 30 12:32:14 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.016 | 152 | 160974 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.840 | 136 | 726450 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.669 | 164 | 500646 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.433 | 188 | 1112954 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.521 | 240 | 930349 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.039 | 264 | 819402 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.387 | 96 | 34938 | 8.417 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.822 | 84 | 232407 | 21.848 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.175 | 99 | 312259 | 21.034 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.340 | 67 | 208686 | 21.909 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.546 | 132 | 232834 | 21.699 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.734 | 113 | 262686 | 21.936 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.193 | 128 | 124430 | 21.217 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.916 | 143 | 144451 | 21.511 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.463 | 165 | 262070 | 21.429 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.987 | 131 | 347356 | 21.563 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.075 | 166 | 873036 | 21.507 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.363 | 160 | 958005 | 21.269 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.881 | 143 | 130186 | 21.229 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.669 | 176 | 722632 | 21.347 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.792 | 200 | 163000 | 19.904 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.533 | 188 | 1132510 | 21.026 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.763 | 212 | 1280276 | 20.487 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.874 | 264 | 933972 | 21.454 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.422 | 88 | 36702 | 8.046 | ng/uL | 97 |
| 5) Pyridine | 3.840 | 79 | 242788 | 21.810 | ng/ul | 99 |
| 6) Benzaldehyde | 7.152 | 77 | 200655m | 27.192 | ng/ul | |
| 8) Phenol | 7.205 | 94 | 332278 | 21.576 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.434 | 93 | 268869 | 21.725 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.575 | 128 | 242782 | 21.739 | ng/ul | 94 |
| 13) 2-Methylphenol | 8.463 | 108 | 243734 | 21.222 | ng/ul | 96 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.540 | 45 | 370922 | 22.827 | ng/ul | 99 |
| 16) Acetophenone | 8.852 | 105 | 438881 | 22.194 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.828 | 70 | 246026 | 23.030 | ng/ul | 94 |
| 18) 4-Methylphenol | 8.799 | 108 | 272793 | 21.627 | ng/ul | 97 |
| 19) Hexachloroethane | 9.099 | 117 | 108405 | 22.216 | ng/ul | 92 |
| 22) Nitrobenzene | 9.234 | 77 | 357349 | 21.211 | ng/ul | 98 |
| 23) Isophorone | 9.763 | 82 | 672416 | 21.652 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.951 | 139 | 152568 | 21.525 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 10.004 | 107 | 335095 | 21.122 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.246 | 93 | 395967 | 21.267 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.487 | 162 | 256941 | 21.348 | ng/ul | 95 |
| 30) Naphthalene | 10.893 | 128 | 847372 | 20.941 | ng/ul | 100 |
| 32) 4-Chloroaniline | 11.010 | 127 | 358505 | 21.972 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.163 | 225 | 196878 | 20.648 | ng/ul | 98 |
| 34) Caprolactam | 11.798 | 113 | 82835m | 23.297 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.128 | 107 | 324765 | 21.938 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.498 | 142 | 589609 | 21.501 | ng/ul | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.716 | 142 | 593276 | 21.814 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.863 | 216 | 358583 | 20.089 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.834 | 237 | 215571 | 18.649 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 13.104 | 196 | 228426 | 20.680 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.181 | 196 | 248040 | 21.093 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.504 | 154 | 825815 | 20.417 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.545 | 162 | 651142 | 20.360 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.763 | 65 | 221657 | 22.380 | ng/ul | 99 |
| 47) Dimethylphthalate | 14.122 | 163 | 870868 | 21.457 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.251 | 165 | 174978 | 22.066 | ng/ul | 99 |
| 50) Acenaphthylene | 14.392 | 152 | 1014670 | 21.152 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.587 | 138 | 161169 | 22.687 | ng/ul | 98 |
| 52) Acenaphthene | 14.734 | 153 | 709402 | 20.928 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.798 | 184 | 100219 | 19.517 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.898 | 109 | 130220 | 21.516 | ng/ul | 95 |
| 56) Dibenzofuran | 15.069 | 168 | 998678 | 20.958 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 15.045 | 165 | 257421 | 22.886 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.298 | 232 | 229473 | 21.712 | ng/ul | 96 |
| 59) Diethylphthalate | 15.486 | 149 | 891302 | 22.099 | ng/ul | 98 |
| 61) Fluorene | 15.722 | 166 | 825848 | 21.382 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.710 | 204 | 440942 | 21.249 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.757 | 138 | 138888 | 24.062 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.810 | 198 | 157505 | 19.846 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.928 | 169 | 704209 | 20.336 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.610 | 248 | 279190 | 20.159 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.728 | 284 | 319313 | 20.073 | ng/ul | 100 |
| 70) Atrazine | 16.886 | 200 | 272862 | 21.646 | ng/ul | 97 |
| 71) Pentachlorophenol | 17.081 | 266 | 179235 | 19.449 | ng/ul | 97 |
| 72) Phenanthrene | 17.475 | 178 | 1299078 | 20.981 | ng/ul | 100 |
| 74) Anthracene | 17.569 | 178 | 1322541 | 21.193 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.469 | 216 | 371348 | 18.955 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.986 | 250 | 378898 | 19.383 | ng/uL | 98 |
| 77) Carbazole | 17.839 | 167 | 1144600 | 21.917 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.369 | 149 | 1498972 | 22.827 | ng/ul | 100 |
| 80) Fluoranthene | 19.433 | 202 | 1510169 | 20.439 | ng/ul | 97 |
| 82) Pyrene | 19.792 | 202 | 1556700 | 20.180 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.645 | 149 | 628514 | 23.654 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.433 | 252 | 433068 | 21.048 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.504 | 228 | 1384352 | 20.998 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.398 | 149 | 865512 | 23.820 | ng/ul | 100 |
| 87) Chrysene | 21.563 | 228 | 1313661 | 21.103 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.363 | 149 | 1315519 | 24.740 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.268 | 252 | 1218219 | 22.013 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.315 | 252 | 1188742 | 22.117 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.927 | 252 | 1028698 | 21.595 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.686 | 276 | 1257231 | 19.184 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.704 | 278 | 1054577 | 19.220 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 27.503 | 276 | 1003195 | 18.780 | ng/ul | 97 |

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

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