Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014491.D
Acq On : 03 Apr 2023 17:31
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020656

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023

Quant Time: Apr 04 01:35:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 04 01:34:36 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.005 | 152 | 126017 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.828 | 136 | 567892 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.663 | 164 | 390189 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.428 | 188 | 927587 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.516 | 240 | 1020134 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.027 | 264 | 1014490 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.381 | 96 | 26181 | 8.057 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.817 | 84 | 192092 | 23.067 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.175 | 99 | 242095 | 20.831 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.334 | 67 | 156476 | 20.985 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.540 | 132 | 177360 | 21.114 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.728 | 113 | 198355 | 21.159 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.187 | 128 | 91733 | 20.009 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.910 | 143 | 105892 | 20.172 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.457 | 165 | 196974 | 20.603 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.981 | 131 | 268013 | 21.282 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.069 | 166 | 633500 | 20.024 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.357 | 160 | 708790 | 20.191 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.893 | 143 | 95252 | 19.929 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.657 | 176 | 548810 | 20.802 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.787 | 200 | 120855 | 17.707 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.522 | 188 | 920135 | 20.497 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.751 | 212 | 1161863 | 16.956 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.863 | 264 | 1091347 | 20.248 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.417 | 88 | 28928 | 8.101 | ng/uL | 99 |
| 5) Pyridine | 3.840 | 79 | 192309 | 22.067 | ng/ul | 99 |
| 6) Benzaldehyde | 7.146 | 77 | 148896 | 25.775 | ng/ul | 99 |
| 8) Phenol | 7.205 | 94 | 255279 | 21.174 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.428 | 93 | 196864 | 20.319 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.569 | 128 | 183972 | 21.043 | ng/ul | 95 |
| 13) 2-Methylphenol | 8.463 | 108 | 186866 | 20.784 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.540 | 45 | 270917 | 21.298 | ng/ul | 100 |
| 16) Acetophenone | 8.846 | 105 | 323365 | 20.889 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.822 | 70 | 178668 | 21.364 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.793 | 108 | 207332 | 20.997 | ng/ul | 96 |
| 19) Hexachloroethane | 9.093 | 117 | 80164 | 20.985 | ng/ul | 97 |
| 22) Nitrobenzene | 9.228 | 77 | 268295 | 20.371 | ng/ul | 100 |
| 23) Isophorone | 9.752 | 82 | 482615 | 19.879 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.946 | 139 | 110586 | 19.958 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 10.005 | 107 | 253817 | 20.466 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.234 | 93 | 282620 | 19.417 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.487 | 162 | 196905 | 20.928 | ng/ul | 96 |
| 30) Naphthalene | 10.881 | 128 | 634136 | 20.047 | ng/ul | 100 |
| 32) 4-Chloroaniline | 11.005 | 127 | 275671 | 21.613 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.152 | 225 | 143607 | 19.266 | ng/ul | 98 |
| 34) Caprolactam | 11.799 | 113 | 63815m | 22.959 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.134 | 107 | 244750 | 21.149 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.487 | 142 | 434710 | 20.278 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.704 | 142 | 435506 | 20.484 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.851 | 216 | 263917 | 18.971 | ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 12.822 | 237 | 163503 | 18.149 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 13.099 | 196 | 170579 | 19.815 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.181 | 196 | 184670 | 20.150 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.493 | 154 | 607616 | 19.275 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.540 | 162 | 486695 | 19.526 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.757 | 65 | 172665 | 22.369 | ng/ul | 98 |
| 47) Dimethylphthalate | 14.116 | 163 | 637719 | 20.160 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.246 | 165 | 129144 | 20.897 | ng/ul | 99 |
| 50) Acenaphthylene | 14.387 | 152 | 766321 | 20.497 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.587 | 138 | 125643 | 22.693 | ng/ul | 97 |
| 52) Acenaphthene | 14.728 | 153 | 533892 | 20.209 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.798 | 184 | 84462 | 21.104 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.904 | 109 | 95410 | 20.227 | ng/ul | 88 |
| 56) Dibenzofuran | 15.063 | 168 | 753458 | 20.288 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.040 | 165 | 198919 | 22.691 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.293 | 232 | 176403 | 21.416 | ng/ul | 98 |
| 59) Diethylphthalate | 15.475 | 149 | 652017 | 20.742 | ng/ul | 98 |
| 61) Fluorene | 15.716 | 166 | 628079 | 20.865 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.704 | 204 | 327922 | 20.276 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.751 | 138 | 118092 | 26.251 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.804 | 198 | 118450 | 17.908 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.922 | 169 | 547881 | 18.984 | ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.604 | 248 | 207481 | 17.975 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.722 | 284 | 243916 | 18.397 | ng/ul | 99 |
| 70) Atrazine | 16.881 | 200 | 214867 | 20.452 | ng/ul | 96 |
| 71) Pentachlorophenol | 17.075 | 266 | 157362 | 20.487 | ng/ul | 100 |
| 72) Phenanthrene | 17.469 | 178 | 1041520 | 20.182 | ng/ul | 100 |
| 74) Anthracene | 17.557 | 178 | 1064705 | 20.470 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.457 | 216 | 270465 | 16.565 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.981 | 250 | 281602 | 17.285 | ng/uL | 97 |
| 77) Carbazole | 17.834 | 167 | 977799 | 22.465 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.363 | 149 | 1206741 | 22.049 | ng/ul | 99 |
| 80) Fluoranthene | 19.428 | 202 | 1338441 | 16.520 | ng/ul | 99 |
| 82) Pyrene | 19.781 | 202 | 1406125 | 16.624 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.639 | 149 | 612347 | 21.017 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.427 | 252 | 468213 | 20.753 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.498 | 228 | 1466063 | 20.280 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.392 | 149 | 907681 | 22.782 | ng/ul | 99 |
| 87) Chrysene | 21.551 | 228 | 1379946 | 20.217 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.351 | 149 | 1556139 | 23.637 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.257 | 252 | 1403100 | 20.478 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.304 | 252 | 1364015 | 20.497 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.916 | 252 | 1183435 | 20.066 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.668 | 276 | 1424531 | 17.557 | ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 26.686 | 278 | 1189502 | 17.510 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.492 | 276 | 1136432 | 17.183 | ng/ul | 98 |

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

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