Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113022\
Data File : BP012895.D
Acq On : 01 Dec 2022 00:39
Operator : CG/JU
Sample : N5737-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4345MS

Quant Time: Dec 01 02:19:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 29 22:53:34 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.011 | 152 | 549005 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.828 | 136 | 2221775 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.646 | 164 | 1336808 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.398 | 188 | 2738555 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.486 | 240 | 2808122 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.998 | 264 | 2899187 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.393 | 96 | 57200 | 4.465 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.823 | 84 | 389235 | 10.152 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.158 | 99 | 310854 | 6.891 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.334 | 67 | 691350 | 24.870 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.534 | 132 | 732714 | 21.315 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.711 | 113 | 502168 | 13.816 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.175 | 128 | 412952 | 30.367 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.899 | 143 | 435744 | 30.178 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.440 | 165 | 862023 | 25.587 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.958 | 131 | 994777 | 21.562 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.051 | 166 | 2618721 | 28.460 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.340 | 160 | 2987209 | 27.824 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.828 | 143 | 157506 | 9.601 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.640 | 176 | 2322967 | 28.827 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.751 | 200 | 428026 | 32.701 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.498 | 188 | 3560784 | 29.538 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.728 | 212 | 4209183 | 25.797 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.833 | 264 | 4267951 | 29.970 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.429 | 88 | 752538 | 54.693 | ng/uL | 99 |
| 5) Pyridine | 3.840 | 79 | 420380 | 11.206 | ng/ul | 99 |
| 6) Benzaldehyde | 7.140 | 77 | 656310 | 29.796 | ng/ul | 98 |
| 8) Phenol | 7.187 | 94 | 329741 | 6.971 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.428 | 93 | 938270 | 24.208 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.569 | 128 | 765286 | 20.466 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.446 | 108 | 569478 | 15.490 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.540 | 45 | 1296946 | 23.199 | ng/ul | 99 |
| 16) Acetophenone | 8.834 | 105 | 1376429 | 23.892 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.822 | 70 | 659279 | 23.231 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.775 | 108 | 550666 | 13.600 | ng/ul | 100 |
| 19) Hexachloroethane | 9.099 | 117 | 352957 | 24.614 | ng/ul | 95 |
| 22) Nitrobenzene | 9.216 | 77 | 994643 | 27.888 | ng/ul | 100 |
| 23) Isophorone | 9.746 | 82 | 1875982 | 23.860 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.934 | 139 | 481994 | 27.810 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.987 | 107 | 834287 | 21.663 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.228 | 93 | 1212769 | 25.159 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.463 | 162 | 837825 | 24.006 | ng/ul | 99 |
| 30) Naphthalene | 10.875 | 128 | 2929628 | 25.182 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.981 | 127 | 968917 | 20.450 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.163 | 225 | 580810 | 24.985 | ng/ul | 99 |
| 34) Caprolactam | 11.763 | 113 | 48334 | 4.510 | ng/ul | 98 |
| 35) 4-Chloro-3-methylphenol | 12.093 | 107 | 776497 | 21.971 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.475 | 142 | 1991591 | 24.859 | ng/ul | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.693 | 142 | 1988547 | 24.767 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.840 | 216 | 1139746 | 26.737 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.822 | 237 | 507692 | 24.717 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.075 | 196 | 725339 | 27.194 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.146 | 196 | 774793 | 27.021 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.481 | 154 | 2616049 | 26.864 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.522 | 162 | 2090412 | 26.832 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.722 | 65 | 527630 | 34.615 | ng/ul | 96 |
| 47) Dimethylphthalate | 14.099 | 163 | 2630442 | 27.271 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.216 | 165 | 495946 | 32.855 | ng/ul | 99 |
| 50) Acenaphthylene | 14.369 | 152 | 3177014 | 27.062 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.546 | 138 | 472794 | 27.045 | ng/ul | 97 |
| 52) Acenaphthene | 14.710 | 153 | 2254148 | 27.273 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.746 | 184 | 251143 | 25.891 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.840 | 109 | 87640 | 7.353 | ng/ul | 97 |
| 56) Dibenzofuran | 15.046 | 168 | 3154277 | 27.688 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.998 | 165 | 702410 | 31.533 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.263 | 232 | 670881 | 27.146 | ng/ul | 100 |
| 59) Diethylphthalate | 15.463 | 149 | 2574460 | 27.574 | ng/ul | 98 |
| 61) Fluorene | 15.693 | 166 | 2580353 | 28.244 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.687 | 204 | 1330888 | 28.077 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.710 | 138 | 485281 | 32.569 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.763 | 198 | 415398 | 29.567 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.898 | 169 | 2197089 | 28.229 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.581 | 248 | 835594 | 31.002 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.698 | 284 | 975258 | 28.389 | ng/ul | 98 |
| 70) Atrazine | 16.857 | 200 | 711264 | 26.636 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.045 | 266 | 549335 | 26.039 | ng/ul | 99 |
| 72) Phenanthrene | 17.445 | 178 | 4132261 | 28.312 | ng/ul | 99 |
| 74) Anthracene | 17.534 | 178 | 4116075 | 28.506 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.446 | 216 | 1137409 | 26.865 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.963 | 250 | 1102907 | 25.060 | ng/uL | 100 |
| 77) Carbazole | 17.798 | 167 | 3780072 | 30.946 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.345 | 149 | 4487200 | 31.031 | ng/ul | 100 |
| 80) Fluoranthene | 19.398 | 202 | 4913498 | 24.210 | ng/ul | 100 |
| 82) Pyrene | 19.757 | 202 | 5093372 | 24.264 | ng/ul | 96 |
| 83) Butylbenzylphthalate | 20.622 | 149 | 1995811 | 40.630 | ng/ul | 92 |
| 84) 3,3'-Dichlorobenzidine | 21.398 | 252 | 429607 | 8.331 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.469 | 228 | 5107773 | 26.298 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.380 | 149 | 2882799 | 38.375 | ng/ul | 100 |
| 87) Chrysene | 21.528 | 228 | 4836985 | 25.757 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.345 | 149 | 4822555 | 29.129 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.227 | 252 | 5301303 | 24.693 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.280 | 252 | 5297504 | 24.720 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.886 | 252 | 4682853 | 26.526 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.633 | 276 | 5885969 | 34.558 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.651 | 278 | 5177132 | 33.498 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 27.439 | 276 | 5049790 | 34.470 | ng/ul | 99 |

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

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