Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042424\
Data File : BP020113.D
Acq On : 24 Apr 2024 10:20
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020777

Quant Time: Apr 25 01:14:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 15:30:15 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.634 | 152 | 94747 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.410 | 136 | 394283 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.304 | 164 | 278414 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.157 | 188 | 701873 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.669 | 240 | 710932 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.068 | 264 | 790280 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.228 | 96 | 18865 | 8.315 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.634 | 84 | 133371 | 19.954 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.822 | 99 | 167673 | 20.870 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.987 | 67 | 112789 | 21.792 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.175 | 132 | 121650 | 21.566 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.340 | 113 | 133389 | 21.807 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.793 | 128 | 62026 | 20.485 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.504 | 143 | 73345 | 21.827 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.040 | 165 | 134909 | 21.334 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.563 | 131 | 174165 | 21.119 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.722 | 166 | 418286 | 21.035 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.992 | 160 | 468797 | 20.684 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.563 | 143 | 62929 | 19.469 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.334 | 176 | 409137 | 23.654 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.481 | 200 | 94277 | 21.007 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.257 | 188 | 663688 | 21.298 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.669 | 212 | 798808 | 21.120 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.827 | 264 | 807279 | 20.936 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.264 | 88 | 19958 | 7.825 | ng/uL | 95 |
| 5) Pyridine | 3.652 | 79 | 139012 | 20.280 | ng/ul | 95 |
| 6) Benzaldehyde | 6.805 | 77 | 116833 | 25.391 | ng/ul | 99 |
| 8) Phenol | 6.846 | 94 | 175708 | 21.049 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.075 | 93 | 142830 | 21.700 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.205 | 128 | 125992 | 21.284 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.075 | 108 | 129638 | 21.489 | ng/ul | 93 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.152 | 45 | 203436 | 22.432 | ng/ul | 98 |
| 16) Acetophenone | 8.457 | 105 | 225464 | 22.197 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.440 | 70 | 130387 | 23.456 | ng/ul# | 97 |
| 18) 4-Methylphenol | 8.405 | 108 | 136415 | 21.363 | ng/ul | 94 |
| 19) Hexachloroethane | 8.687 | 117 | 59949 | 20.957 | ng/ul | 95 |
| 22) Nitrobenzene | 8.834 | 77 | 193054 | 21.300 | ng/ul | 97 |
| 23) Isophorone | 9.352 | 82 | 358092 | 22.199 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.534 | 139 | 76346 | 21.512 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 9.593 | 107 | 163925 | 21.989 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.840 | 93 | 201734 | 21.936 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.063 | 162 | 132325 | 21.255 | ng/ul | 98 |
| 30) Naphthalene | 10.457 | 128 | 421022 | 20.655 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.587 | 127 | 171246 | 20.999 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.716 | 225 | 107862 | 20.747 | ng/ul | 96 |
| 34) Caprolactam | 11.387 | 113 | 44901 | 21.400 | ng/ul | 98 |
| 35) 4-Chloro-3-methylphenol | 11.722 | 107 | 158896 | 22.044 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.087 | 142 | 294674 | 21.587 | ng/ul | 99 |

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Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.298 | 142 | 298637 | 21.771 | ng/ul | 96 |
| 39) 1,2,4,5-Tetrachloroben... | 12.457 | 216 | 190154 | 20.157 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.416 | 237 | 97669 | 19.591 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.716 | 196 | 119974 | 20.982 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.793 | 196 | 122810 | 19.995 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.122 | 154 | 405710 | 20.738 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.157 | 162 | 326069 | 20.588 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.392 | 65 | 116256 | 21.018 | ng/ul | 99 |
| 47) Dimethylphthalate | 13.775 | 163 | 423420 | 20.863 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.904 | 165 | 86705 | 21.009 | ng/ul | 99 |
| 50) Acenaphthylene | 14.022 | 152 | 522295 | 20.610 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.245 | 138 | 81257 | 20.997 | ng/ul | 92 |
| 52) Acenaphthene | 14.369 | 153 | 347382 | 20.913 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.475 | 184 | 50244 | 19.178 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.575 | 109 | 67115 | 19.626 | ng/ul | 99 |
| 56) Dibenzofuran | 14.716 | 168 | 483342 | 20.549 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.716 | 165 | 126847 | 20.975 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.957 | 232 | 117169 | 20.721 | ng/ul | 97 |
| 59) Diethylphthalate | 15.163 | 149 | 489278 | 23.908 | ng/ul | 99 |
| 61) Fluorene | 15.392 | 166 | 463469 | 23.729 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.392 | 204 | 261913 | 24.542 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.445 | 138 | 80612 | 23.274 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.498 | 198 | 97534 | 20.558 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.616 | 169 | 387917 | 21.251 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.316 | 248 | 175423 | 23.177 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.422 | 284 | 198122 | 25.852 | ng/ul | 95 |
| 70) Atrazine | 16.616 | 200 | 167560 | 22.730 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.792 | 266 | 120695 | 22.053 | ng/ul | 89 |
| 72) Phenanthrene | 17.198 | 178 | 750316 | 20.907 | ng/ul | 100 |
| 74) Anthracene | 17.298 | 178 | 777175 | 20.991 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.081 | 216 | 191543 | 18.571 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.628 | 250 | 184881 | 18.343 | ng/uL | 98 |
| 77) Carbazole | 17.592 | 167 | 658891 | 20.056 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.198 | 149 | 860832 | 21.391 | ng/ul | 100 |
| 80) Fluoranthene | 19.322 | 202 | 939122 | 21.427 | ng/ul | 97 |
| 82) Pyrene | 19.698 | 202 | 967262 | 21.030 | ng/ul | 96 |
| 83) Butylbenzylphthalate | 20.680 | 149 | 377807 | 20.363 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.586 | 252 | 339374 | 20.409 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.651 | 228 | 1003516 | 20.335 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.598 | 149 | 566533 | 20.874 | ng/ul | 99 |
| 87) Chrysene | 21.716 | 228 | 925968 | 20.218 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.916 | 149 | 913930 | 19.339 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.998 | 252 | 971066 | 20.731 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 24.074 | 252 | 978340 | 20.654 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.904 | 252 | 920915 | 20.500 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 28.909 | 276 | 502550 | 9.279 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 29.003 | 278 | 943452 | 21.104 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 30.097 | 276 | 538851 | 12.374 | ng/ul | 96 |

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

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