Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042523\
Data File : BP014828.D
Acq On : 25 Apr 2023 17:21
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SICV645

Quant Time: Apr 26 02:54:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 26 02:53:24 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.199 | 152 | 322572 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.034 | 136 | 1437801 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.834 | 164 | 933461 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.581 | 188 | 2088944 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.651 | 240 | 1710400 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.251 | 264 | 1540884 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.505 | 96 | 61211 | 7.461 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.940 | 84 | 466427 | 19.602 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.340 | 99 | 556239 | 18.969 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.516 | 67 | 371355 | 21.073 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.722 | 132 | 419699 | 19.383 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.905 | 113 | 455929 | 19.357 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.375 | 128 | 214483 | 19.928 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.105 | 143 | 229466 | 20.743 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.646 | 165 | 456512 | 19.853 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.163 | 131 | 649304 | 19.679 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.234 | 166 | 1413550 | 19.515 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.528 | 160 | 1632603 | 19.661 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.004 | 143 | 257539 | 19.517 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.822 | 176 | 1182279 | 19.172 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.928 | 200 | 215145 | 18.561 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.681 | 188 | 1838880 | 18.747 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.892 | 212 | 2038812 | 19.606 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.080 | 264 | 1498687 | 18.761 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.540 | 88 | 66058 | 7.461 | ng/uL | 98 |
| 5) Pyridine | 3.964 | 79 | 461036 | 18.897 | ng/ul | 98 |
| 6) Benzaldehyde | 7.328 | 77 | 384224 | 27.285 | ng/ul | 99 |
| 8) Phenol | 7.369 | 94 | 601771 | 19.732 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.611 | 93 | 478009 | 19.553 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.758 | 128 | 450458 | 19.946 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.640 | 108 | 460226 | 20.007 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.734 | 45 | 608506 | 19.973 | ng/ul | 100 |
| 16) Acetophenone | 9.034 | 105 | 777597 | 21.105 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 9.016 | 70 | 390687 | 20.720 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.969 | 108 | 513659 | 19.947 | ng/ul | 100 |
| 19) Hexachloroethane | 9.299 | 117 | 175300 | 19.242 | ng/ul | 97 |
| 22) Nitrobenzene | 9.416 | 77 | 545357 | 19.919 | ng/ul | 100 |
| 23) Isophorone | 9.946 | 82 | 1112002 | 19.661 | ng/ul | 99 |
| 25) 2-Nitrophenol | 10.134 | 139 | 257115 | 20.820 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 10.187 | 107 | 546814 | 19.955 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.428 | 93 | 683609 | 19.199 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.669 | 162 | 457831 | 19.982 | ng/ul | 96 |
| 30) Naphthalene | 11.087 | 128 | 1523321 | 19.154 | ng/ul | 99 |
| 32) 4-Chloroaniline | 11.187 | 127 | 686306 | 20.645 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.369 | 225 | 278011 | 19.077 | ng/ul | 99 |
| 34) Caprolactam | 11.957 | 113 | 166278 | 22.011 | ng/ul | 96 |
| 35) 4-Chloro-3-methylphenol | 12.293 | 107 | 503159 | 19.832 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.675 | 142 | 1088345 | 20.155 | ng/ul | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.893 | 142 | 1021873 | 18.983 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 13.040 | 216 | 586447 | 20.053 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 13.016 | 237 | 340546 | 20.096 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.269 | 196 | 375773 | 20.244 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.340 | 196 | 412654 | 20.116 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.669 | 154 | 1463932 | 19.951 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.716 | 162 | 1113085 | 19.377 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.910 | 65 | 316285 | 21.985 | ng/ul | 98 |
| 47) Dimethylphthalate | 14.281 | 163 | 1416072 | 19.507 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.398 | 165 | 296988 | 22.833 | ng/ul | 99 |
| 50) Acenaphthylene | 14.557 | 152 | 1791330 | 19.975 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.728 | 138 | 330063 | 23.135 | ng/ul | 98 |
| 52) Acenaphthene | 14.898 | 153 | 1197710 | 19.429 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.928 | 184 | 148308 | 19.356 | ng/ul | 98 |
| 55) 4-Nitrophenol | 15.022 | 109 | 201419 | 20.400 | ng/ul | 97 |
| 56) Dibenzofuran | 15.228 | 168 | 1717511 | 19.784 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.181 | 165 | 402882 | 21.022 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.445 | 232 | 364393 | 21.066 | ng/ul | 99 |
| 59) Diethylphthalate | 15.640 | 149 | 1378815 | 19.613 | ng/ul | 100 |
| 61) Fluorene | 15.875 | 166 | 1354204 | 19.775 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.863 | 204 | 672785 | 19.379 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.893 | 138 | 329656 | 25.617 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.945 | 198 | 226619 | 19.451 | ng/ul | 100 |
| 67) N-Nitrosodiphenylamine | 16.075 | 169 | 1201858 | 19.563 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.763 | 248 | 425068 | 18.805 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.881 | 284 | 492308 | 18.781 | ng/ul | 97 |
| 70) Atrazine | 17.022 | 200 | 426167 | 20.297 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.222 | 266 | 291988 | 18.988 | ng/ul | 97 |
| 72) Phenanthrene | 17.622 | 178 | 2166997 | 18.943 | ng/ul | 99 |
| 74) Anthracene | 17.716 | 178 | 2219237 | 19.241 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.640 | 216 | 578995 | 18.619 | ng/uL | 98 |
| 76) Pentachlorobenzene | 15.146 | 250 | 561820 | 18.299 | ng/uL | 99 |
| 77) Carbazole | 17.975 | 167 | 2002197 | 20.396 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.510 | 149 | 2338425 | 20.071 | ng/ul | 100 |
| 80) Fluoranthene | 19.563 | 202 | 2421460 | 19.759 | ng/ul | 98 |
| 82) Pyrene | 19.922 | 202 | 2538583 | 20.028 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.775 | 149 | 892527 | 20.987 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.557 | 252 | 826606 | 23.160 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.633 | 228 | 2260782 | 19.000 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.533 | 149 | 1333914 | 21.129 | ng/ul | 99 |
| 87) Chrysene | 21.692 | 228 | 2139498 | 18.967 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.527 | 149 | 2083388 | 20.337 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.451 | 252 | 2007700 | 19.025 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.498 | 252 | 1949877 | 19.052 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.133 | 252 | 1684765 | 18.849 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 27.004 | 276 | 1939580 | 19.244 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 27.027 | 278 | 1619208 | 19.263 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 27.857 | 276 | 1534912 | 19.222 | ng/ul | 99 |

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

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