Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016132.D
Acq On : 09 Jul 2023 14:32
Operator : MA/JU
Sample : 03356-10MS
Misc :
ALS Vial : 55 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBW38MS

Quant Time: Jul 09 22:41:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.011 | 152 | 290233 | 20.000 | ng/ul | -0.02 |
| 20) Naphthalene-d8 | 10.828 | 136 | 1185384 | 20.000 | ng/ul | #-0.02 |
| 38) Acenaphthene-d10 | 14.663 | 164 | 676662 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.428 | 188 | 1288448 | 20.000 | ng/ul | #-0.02 |
| 79) Chrysene-d12 | 21.527 | 240 | 923238 | 20.000 | ng/ul | #-0.01 |
| 88) Perylene-d12 | 24.074 | 264 | 1083179 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.352 | 96 | 44309 | 5.493 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.793 | 84 | 524755 | 25.806 | ng/ul | -0.01 |
| 7) Phenol-d5 | 7.193 | 99 | 806223 | 32.466 | ng/ul | -0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.340 | 67 | 525717 | 34.219 | ng/ul | -0.02 |
| 11) 2-Chlorophenol-d4 | 7.540 | 132 | 600627 | 32.041 | ng/ul | -0.02 |
| 15) 4-Methylphenol-d8 | 8.752 | 113 | 618009 | 31.503 | ng/ul | -0.02 |
| 21) Nitrobenzene-d5 | 9.199 | 128 | 296239 | 32.701 | ng/ul | -0.02 |
| 24) 2-Nitrophenol-d4 | 9.928 | 143 | 333127 | 31.507 | ng/ul | -0.02 |
| 28) 2,4-Dichlorophenol-d3 | 10.481 | 165 | 589224 | 31.273 | ng/ul | -0.02 |
| 31) 4-Chloroaniline-d4 | 11.004 | 131 | 734193 | 30.334 | ng/ul | -0.02 |
| 46) Dimethylphthalate-d6 | 14.075 | 166 | 1610172 | 30.787 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.357 | 160 | 1896100 | 32.250 | ng/ul | -0.02 |
| 54) 4-Nitrophenol-d4 | 14.951 | 143 | 71686 | 10.387 | ng/ul | -0.01 |
| 60) Fluorene-d10 | 15.657 | 176 | 1330379 | 30.893 | ng/ul | -0.02 |
| 65) 4,6-Dinitro-2-methylph... | 15.839 | 200 | 191651 | 24.187 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.534 | 188 | 1862264 | 31.642 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.763 | 212 | 1899457 | 31.508 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.898 | 264 | 1765821 | 32.317 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.381 | 88 | 107725 | 12.409 | ng/uL | 97 |
| 5) Pyridine | 3.811 | 79 | 647366 | 30.431 | ng/ul | 97 |
| 6) Benzaldehyde | 7.163 | 77 | 470513 | 46.864 | ng/ul | 97 |
| 8) Phenol | 7.222 | 94 | 859543 | 33.355 | ng/ul | 93 |
| 10) Bis(2-Chloroethyl)ether | 7.434 | 93 | 711110 | 34.683 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.575 | 128 | 645843 | 32.429 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.475 | 108 | 633749 | 32.573 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.546 | 45 | 1072368 | 38.293 | ng/ul | 98 |
| 16) Acetophenone | 8.858 | 105 | 1031828 | 31.996 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.834 | 70 | 571257 | 31.895 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.822 | 108 | 691661 | 33.086 | ng/ul | 94 |
| 19) Hexachloroethane | 9.075 | 117 | 287857 | 31.295 | ng/ul | 89 |
| 22) Nitrobenzene | 9.246 | 77 | 854819 | 33.601 | ng/ul | 98 |
| 23) Isophorone | 9.769 | 82 | 1575921 | 32.371 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.957 | 139 | 371140 | 33.075 | ng/ul | 93 |
| 26) 2,4-Dimethylphenol | 10.016 | 107 | 759852 | 30.804 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.240 | 93 | 955334 | 34.762 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.510 | 162 | 597767 | 31.912 | ng/ul | 99 |
| 30) Naphthalene | 10.881 | 128 | 2069086 | 32.109 | ng/ul | 99 |
| 32) 4-Chloroaniline | 11.028 | 127 | 671921 | 26.720 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.140 | 225 | 388471 | 27.462 | ng/ul | 99 |
| 34) Caprolactam | 11.846 | 113 | 179141 | 31.265 | ng/ul | 94 |
| 35) 4-Chloro-3-methylphenol | 12.169 | 107 | 665758 | 30.364 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.493 | 142 | 1344782 | 31.701 | ng/ul | 97 |

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Misc :
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**Instrument :**
BNA_P
**ClientSampleId :**
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.710 | 142 | 1334301 | 30.833 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.863 | 216 | 704990 | 31.616 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.810 | 237 | 207652 | 31.128 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 13.122 | 196 | 440023 | 31.225 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.216 | 196 | 475690 | 31.825 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.493 | 154 | 1774998 | 33.118 | ng/ul# | 97 |
| 44) 2-Chloronaphthalene | 13.546 | 162 | 1385616 | 32.818 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.787 | 65 | 450405 | 33.903 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.122 | 163 | 1660767 | 30.683 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.275 | 165 | 344227 | 31.352 | ng/ul | 100 |
| 50) Acenaphthylene | 14.387 | 152 | 2107540 | 32.533 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.628 | 138 | 318467 | 36.989 | ng/ul | 95 |
| 52) Acenaphthene | 14.728 | 153 | 1458522 | 32.468 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.875 | 184 | 145465 | 24.972 | ng/ul | 88 |
| 55) 4-Nitrophenol | 14.981 | 109 | 224941 | 31.450 | ng/ul# | 51 |
| 56) Dibenzofuran | 15.069 | 168 | 1946893 | 31.220 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 15.087 | 165 | 462870 | 30.937 | ng/ul | 86 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.316 | 232 | 370339 | 28.845 | ng/ul | 98 |
| 59) Diethylphthalate | 15.475 | 149 | 1646602 | 30.062 | ng/ul | 99 |
| 61) Fluorene | 15.716 | 166 | 1563208 | 30.905 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.698 | 204 | 760237 | 29.373 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.804 | 138 | 262556 | 44.556 | ng/ul | 86 |
| 66) 4,6-Dinitro-2-methylph... | 15.857 | 198 | 239693 | 29.897 | ng/ul# | 93 |
| 67) N-Nitrosodiphenylamine | 15.928 | 169 | 1271760 | 32.971 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.604 | 248 | 461664 | 31.378 | ng/ul | 90 |
| 69) Hexachlorobenzene | 16.728 | 284 | 515488 | 29.693 | ng/ul | 97 |
| 70) Atrazine | 16.892 | 200 | 322891 | 21.869 | ng/ul | 96 |
| 71) Pentachlorophenol | 17.098 | 266 | 213779 | 25.657 | ng/ul | 97 |
| 72) Phenanthrene | 17.469 | 178 | 2265145 | 32.361 | ng/ul | 100 |
| 74) Anthracene | 17.569 | 178 | 2243815 | 31.902 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.469 | 216 | 717131 | 34.205 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.987 | 250 | 1504389 | 71.097 | ng/uL | 99 |
| 77) Carbazole | 17.863 | 167 | 1892842 | 31.930 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.357 | 149 | 2608490 | 33.191 | ng/ul | 100 |
| 80) Fluoranthene | 19.439 | 202 | 2331402 | 31.117 | ng/ul# | 94 |
| 82) Pyrene | 19.798 | 202 | 2384438 | 31.199 | ng/ul# | 91 |
| 83) Butylbenzylphthalate | 20.639 | 149 | 1004712 | 32.223 | ng/ul | 94 |
| 84) 3,3'-Dichlorobenzidine | 21.451 | 252 | 611796 | 29.314 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.510 | 228 | 2034259 | 31.323 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.380 | 149 | 1470140 | 34.308 | ng/ul | 100 |
| 87) Chrysene | 21.569 | 228 | 2053396 | 33.325 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.333 | 149 | 2450621 | 30.958 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.274 | 252 | 2118428 | 30.438 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.333 | 252 | 2098938 | 29.848 | ng/ul# | 98 |
| 93) Benzo(a)pyrene | 23.957 | 252 | 1928865 | 31.717 | ng/ul# | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.745 | 276 | 2631929 | 31.880 | ng/ul# | 93 |
| 95) Dibenzo(a,h)anthracene | 26.745 | 278 | 2154158 | 31.767 | ng/ul# | 95 |
| 96) Benzo(g,h,i)perylene | 27.598 | 276 | 2166982 | 31.906 | ng/ul# | 94 |

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

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