Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
Data File : BG058118.D
Acq On : 9 Jul 2023 9:09
Operator : CG/JU
Sample : 03349-08MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
YBW01MSD

Quant Time: Jul 10 00:40:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:01:01 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.915 | 152 | 65296 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.717 | 136 | 301963 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.554 | 164 | 221412 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.298 | 188 | 543210 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.557 | 240 | 471014 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.713 | 264 | 596148 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.355 | 96 | 4758 | 2.552 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.761 | 84 | 73889 | 13.052 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.080 | 99 | 103364 | 15.501 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.239 | 67 | 60231 | 14.988 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.450 | 132 | 70432 | 15.314 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.626 | 113 | 80396 | 15.978 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.078 | 128 | 38615 | 15.690 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.801 | 143 | 43378 | 16.770 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.341 | 165 | 82508 | 16.628 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.852 | 131 | 109591 | 14.567 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.955 | 166 | 275987 | 15.798 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.248 | 160 | 305242 | 16.012 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.760 | 143 | 42789 | 13.863 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.547 | 176 | 244787 | 16.499 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.664 | 200 | 41828 | 14.181 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.398 | 188 | 395849 | 15.704 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.683 | 212 | 471632 | 15.899 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.489 | 264 | 495907 | 16.328 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.390 | 88 | 16658 | 7.231 | ng/uL | 88 |
| 5) Pyridine | 3.784 | 79 | 115915 | 19.984 | ng/ul | 97 |
| 6) Benzaldehyde | 7.057 | 77 | 79991 | 35.919 | ng/ul | 96 |
| 8) Phenol | 7.110 | 94 | 159050 | 23.504 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.333 | 93 | 115814 | 22.166 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.480 | 128 | 108012 | 22.569 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.361 | 108 | 121622 | 22.885 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.443 | 45 | 183034 | 22.758 | ng/ul | 98 |
| 16) Acetophenone | 8.737 | 105 | 194471 | 23.295 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.720 | 70 | 101007 | 22.633 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.690 | 108 | 137918 | 24.000 | ng/ul | 95 |
| 19) Hexachloroethane | 8.996 | 117 | 39438 | 21.495 | ng/ul | 95 |
| 22) Nitrobenzene | 9.119 | 77 | 143644 | 22.483 | ng/ul | 96 |
| 23) Isophorone | 9.636 | 82 | 309599 | 22.710 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.830 | 139 | 65705 | 23.673 | ng/ul | 93 |
| 26) 2,4-Dimethylphenol | 9.889 | 107 | 135428 | 21.699 | ng/ul | 95 |
| 27) Bis(2-Chloroethoxy)met... | 10.124 | 93 | 170485 | 22.192 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.365 | 162 | 116043 | 24.053 | ng/ul | 96 |
| 30) Naphthalene | 10.770 | 128 | 382238 | 22.525 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.876 | 127 | 139820 | 18.176 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.052 | 225 | 78113 | 22.870 | ng/ul | 97 |
| 34) Caprolactam | 11.640 | 113 | 45870 | 23.649 | ng/ul | 94 |
| 35) 4-Chloro-3-methylphenol | 12.010 | 107 | 150194 | 25.343 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.380 | 142 | 263210 | 23.009 | ng/ul | 93 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.597 | 142 | 267426 | 23.313 | ng/ul | 96 |
| 39) 1,2,4,5-Tetrachloroben... | 12.744 | 216 | 155579 | 23.058 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.721 | 237 | 75713 | 17.815 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 12.985 | 196 | 108371 | 23.697 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 13.062 | 196 | 116303 | 23.516 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.385 | 154 | 358451 | 22.465 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.432 | 162 | 292145 | 22.814 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.637 | 65 | 109164 | 24.518 | ng/ul | 95 |
| 47) Dimethylphthalate | 14.007 | 163 | 395297 | 22.522 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.131 | 165 | 87378 | 24.254 | ng/ul | 99 |
| 50) Acenaphthylene | 14.278 | 152 | 471129 | 22.886 | ng/ul | 98 |
| 51) 3-Nitroaniline | 14.460 | 138 | 84735 | 27.832 | ng/ul | 99 |
| 52) Acenaphthene | 14.618 | 153 | 323397 | 22.893 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.666 | 184 | 45486 | 24.218 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.771 | 109 | 53320 | 23.320 | ng/ul | 87 |
| 56) Dibenzofuran | 14.953 | 168 | 462280 | 23.021 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.918 | 165 | 125588 | 24.604 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.177 | 232 | 106231 | 23.595 | ng/ul | 97 |
| 59) Diethylphthalate | 15.371 | 149 | 415662 | 22.691 | ng/ul | 99 |
| 61) Fluorene | 15.600 | 166 | 377218 | 22.895 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.594 | 204 | 203333 | 23.323 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.623 | 138 | 87951 | 32.248 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.682 | 198 | 73085 | 24.229 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.805 | 169 | 327630 | 22.663 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.487 | 248 | 141557 | 23.740 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.604 | 284 | 160664 | 24.066 | ng/ul | 99 |
| 70) Atrazine | 16.751 | 200 | 105223 | 17.799 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.951 | 266 | 88507 | 22.083 | ng/ul | 93 |
| 72) Phenanthrene | 17.345 | 178 | 623715 | 22.573 | ng/ul | 99 |
| 74) Anthracene | 17.433 | 178 | 620274 | 22.183 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.355 | 216 | 165640 | 22.992 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.871 | 250 | 402845 | 52.357 | ng/uL | 97 |
| 77) Carbazole | 17.703 | 167 | 576851 | 22.811 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.255 | 149 | 750385 | 23.294 | ng/ul | 99 |
| 80) Fluoranthene | 19.354 | 202 | 762968 | 22.196 | ng/ul | 99 |
| 82) Pyrene | 19.718 | 202 | 763573 | 22.068 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.600 | 149 | 326085 | 23.241 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.452 | 252 | 284854 | 24.981 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.534 | 228 | 771715 | 22.819 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.434 | 149 | 472995 | 23.524 | ng/ul | 98 |
| 87) Chrysene | 21.599 | 228 | 739282 | 23.319 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.621 | 149 | 836195 | 22.829 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.708 | 252 | 828426 | 22.443 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.772 | 252 | 808823 | 22.355 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.560 | 252 | 737641 | 22.578 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.297 | 276 | 988679 | 22.789 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 28.361 | 278 | 823860 | 23.029 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 29.431 | 276 | 802631 | 22.650 | ng/ul | 98 |

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

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