Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050815.D
Acq On : 2 Nov 2021 12:52
Operator : CG/JU
Sample : SSTD16017
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 02 14:27:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:25:39 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.234 | 152 | 31443 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.066 | 136 | 149124 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.862 | 164 | 99218 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.611 | 188 | 216596 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.912 | 240 | 176748 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.320 | 264 | 176739 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.587 | 96 | 62845 | 64.509 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 4.015 | 84 | 450529 | 154.543 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.388 | 99 | 531401 | 158.419 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.552 | 67 | 320003 | 147.681 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.770 | 132 | 364599 | 156.837 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.951 | 113 | 405446 | 153.534 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 9.421 | 128 | 196218 | 154.836 | ng/ul | 0.01 |
| 24) 2-Nitrophenol-d4 | 10.144 | 143 | 228013 | 161.816 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.684 | 165 | 373257 | 157.252 | ng/ul | 0.01 |
| 31) 4-Chloroaniline-d4 | 11.201 | 131 | 548711 | 152.651 | ng/ul | 0.01 |
| 46) Dimethylphthalate-d6 | 14.262 | 166 | 1092664 | 143.946 | ng/ul | 0.01 |
| 49) Acenaphthylene-d8 | 14.562 | 160 | 1361731 | 143.988 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.073 | 143 | 217725 | 158.192 | ng/ul | 0.03 |
| 60) Fluorene-d10 | 15.854 | 176 | 967201 | 143.835 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.984 | 200 | 222291 | 169.278 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.717 | 188 | 1400375 | 136.750 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.985 | 212 | 1530863 | 134.099 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.097 | 264 | 1462644 | 149.701 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.622 | 88 | 64471 | 60.252 | ng/uL | 94 |
| 5) Pyridine | 4.033 | 79 | 458599 | 151.462 | ng/ul | 96 |
| 6) Benzaldehyde | 7.370 | 77 | 151048 | 71.393 | ng/ul | 95 |
| 8) Phenol | 7.417 | 94 | 529265 | 152.527 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.652 | 93 | 381142 | 146.745 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.799 | 128 | 362758 | 153.689 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.675 | 108 | 400596 | 156.189 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.763 | 45 | 597568 | 146.066 | ng/ul | 98 |
| 16) Acetophenone | 9.074 | 105 | 603825 | 147.191 | ng/ul | 94 |
| 17) N-Nitroso-di-n-propyla... | 9.068 | 70 | 368251 | 148.780 | ng/ul | 96 |
| 18) 4-Methylphenol | 9.021 | 108 | 418688 | 153.316 | ng/ul | 96 |
| 19) Hexachloroethane | 9.327 | 117 | 150214 | 152.214 | ng/ul | 98 |
| 22) Nitrobenzene | 9.462 | 77 | 526312 | 148.912 | ng/ul | 97 |
| 23) Isophorone | 9.991 | 82 | 1020533 | 148.778 | ng/ul | 99 |
| 25) 2-Nitrophenol | 10.173 | 139 | 219758 | 155.452 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 10.220 | 107 | 474164 | 152.405 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.455 | 93 | 543485 | 147.050 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.708 | 162 | 356038 | 153.777 | ng/ul | 94 |
| 30) Naphthalene | 11.119 | 128 | 1166477 | 143.048 | ng/ul | 98 |
| 32) 4-Chloroaniline | 11.225 | 127 | 536348 | 150.269 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.383 | 225 | 233612 | 153.731 | ng/ul | 97 |
| 34) Caprolactam | 12.030 | 113 | 84790 | 86.213 | ng/ul | 97 |
| 35) 4-Chloro-3-methylphenol | 12.335 | 107 | 451138 | 152.532 | ng/ul | 99 |

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|---|---|---|---|---|---|---|---|
| 36) | 2-Methylnaphthalene | 12.705 | 142 | 802023 | 144.371 | ng/ul | 100 |
| 37) | 1-Methylnaphthalene | 12.923 | 142 | 807333 | 143.423 | ng/ul | 99 |
| 39) | 1,2,4,5-Tetrachloroben... | 13.070 | 216 | 445176 | 153.988 | ng/ul | 96 |
| 40) | Hexachlorocyclopentadiene | 13.040 | 237 | 261887 | 188.642 | ng/ul | 98 |
| 41) | 2,4,6-Trichlorophenol | 13.305 | 196 | 316300 | 167.203 | ng/ul | 96 |
| 42) | 2,4,5-Trichlorophenol | 13.381 | 196 | 336544 | 165.711 | ng/ul | 99 |
| 43) | 1,1'-Biphenyl | 13.704 | 154 | 1017009 | 140.235 | ng/ul | 97 |
| 44) | 2-Chloronaphthalene | 13.751 | 162 | 835011 | 146.929 | ng/ul | 94 |
| 45) | 2-Nitroaniline | 13.957 | 65 | 357755 | 158.445 | ng/ul | 96 |
| 47) | Dimethylphthalate | 14.315 | 163 | 1056185 | 139.156 | ng/ul | 98 |
| 48) | 2,6-Dinitrotoluene | 14.444 | 165 | 250777 | 157.863 | ng/ul | 100 |
| 50) | Acenaphthylene | 14.597 | 152 | 1306141 | 137.802 | ng/ul | 95 |
| 51) | 3-Nitroaniline | 14.773 | 138 | 206268 | 125.544 | ng/ul | 92 |
| 52) | Acenaphthene | 14.932 | 153 | 895805 | 143.732 | ng/ul | 94 |
| 53) | 2,4-Dinitrophenol | 14.985 | 184 | 166308 | 189.774 | ng/ul | 93 |
| 55) | 4-Nitrophenol | 15.091 | 109 | 199297 | 157.889 | ng/ul | 93 |
| 56) | Dibenzofuran | 15.261 | 168 | 1228766 | 137.738 | ng/ul | 91 |
| 57) | 2,4-Dinitrotoluene | 15.232 | 165 | 343954 | 151.715 | ng/ul | 98 |
| 58) | 2,3,4,6-Tetrachlorophenol | 15.484 | 232 | 271769 | 170.275 | ng/ul | 99 |
| 59) | Diethylphthalate | 15.666 | 149 | 1133055 | 139.464 | ng/ul | 95 |
| 61) | Fluorene | 15.913 | 166 | 967320 | 136.995 | ng/ul | 99 |
| 62) | 4-Chlorophenyl-phenyle... | 15.896 | 204 | 534830 | 145.460 | ng/ul | 99 |
| 63) | 4-Nitroaniline | 15.948 | 138 | 188568 | 115.690 | ng/ul | 95 |
| 66) | 4,6-Dinitro-2-methylph... | 15.995 | 198 | 212426 | 165.879 | ng/ul# | 94 |
| 67) | N-Nitrosodiphenylamine | 16.113 | 169 | 893989 | 147.660 | ng/ul | 98 |
| 68) | 4-Bromophenyl-phenylether | 16.789 | 248 | 341757 | 158.622 | ng/ul | 95 |
| 69) | Hexachlorobenzene | 16.912 | 284 | 345951 | 156.188 | ng/ul | 97 |
| 70) | Atrazine | 17.059 | 200 | 372072 | 144.920 | ng/ul | 98 |
| 71) | Pentachlorophenol | 17.253 | 266 | 204531 | 201.130 | ng/ul | 98 |
| 72) | Phenanthrene | 17.658 | 178 | 1589969 | 137.519 | ng/ul | 94 |
| 74) | Anthracene | 17.752 | 178 | 1535793 | 132.389 | ng/ul | 94 |
| 75) | 1,2,3,4-Tetrachloroben... | 13.669 | 216 | 480350 | 162.877 | ng/uL | 96 |
| 76) | Pentachlorobenzene | 15.179 | 250 | 438870 | 160.605 | ng/uL | 98 |
| 77) | Carbazole | 18.017 | 167 | 1432315 | 137.754 | ng/ul | 94 |
| 78) | Di-n-butylphthalate | 18.545 | 149 | 1754786 | 128.437 | ng/ul# | 95 |
| 80) | Fluoranthene | 19.650 | 202 | 1822051 | 132.992 | ng/ul | 97 |
| 82) | Pyrene | 20.020 | 202 | 1697352 | 126.794 | ng/ul | 98 |
| 83) | Butylbenzylphthalate | 20.878 | 149 | 839076 | 145.761 | ng/ul | 98 |
| 84) | 3,3'-Dichlorobenzidine | 21.795 | 252 | 544440 | 126.484 | ng/ul | 97 |
| 85) | Benzo(a)anthracene | 21.894 | 228 | 1730559 | 141.431 | ng/ul | 94 |
| 86) | Bis(2-ethylhexyl)phtha... | 21.753 | 149 | 1172094 | 141.847 | ng/ul | 96 |
| 87) | Chrysene | 21.965 | 228 | 1648862 | 141.062 | ng/ul | 93 |
| 89) | Di-n-octyl phthalate | 23.028 | 149 | 1927616 | 133.968 | ng/ul | 100 |
| 90) | Benzo(b)fluoranthene | 24.239 | 252 | 1820093 | 144.557 | ng/ul | 97 |
| 91) | Benzo(k)fluoranthene | 24.315 | 252 | 1639833 | 138.794 | ng/ul | 96 |
| 93) | Benzo(a)pyrene | 25.185 | 252 | 1717420 | 143.215 | ng/ul | 97 |
| 94) | Indeno(1,2,3-cd)pyrene | 29.280 | 276 | 2034898 | 152.294 | ng/ul | 98 |
| 95) | Dibenzo(a,h)anthracene | 29.350 | 278 | 1682013 | 148.827 | ng/ul | 99 |
| 96) | Benzo(g,h,i)perylene | 30.531 | 276 | 1691832 | 151.579 | ng/ul | 97 |

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

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