Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050967.D
Acq On : 11 Nov 2021 14:02
Operator : CG/JU
Sample : PB140678BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS678

Quant Time: Nov 11 14:57:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 11 12:40:48 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.225 | 152 | 35866 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.051 | 136 | 159156 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.847 | 164 | 105261 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.596 | 188 | 229016 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.891 | 240 | 202187 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.281 | 264 | 203443 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.589 | 96 | 6310 | 5.678 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 4.012 | 84 | 88326 | 26.569 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.367 | 99 | 101070 | 26.415 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.543 | 67 | 67229 | 27.200 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.755 | 132 | 71028 | 26.786 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.924 | 113 | 79479 | 26.385 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.400 | 128 | 37793 | 27.943 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.123 | 143 | 41448 | 27.561 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.663 | 165 | 70806 | 27.950 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.180 | 131 | 91622 | 23.882 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.241 | 166 | 230884 | 28.670 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.547 | 160 | 287450 | 28.650 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.035 | 143 | 39160 | 26.819 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.840 | 176 | 199543 | 27.971 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.951 | 200 | 38207 | 27.517 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.690 | 188 | 310078 | 28.638 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.970 | 212 | 364636 | 27.922 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.046 | 264 | 315096 | 28.017 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.624 | 88 | 13703 | 11.227 | ng/uL# | 93 |
| 5) Pyridine | 4.030 | 79 | 92566 | 26.899 | ng/ul | 96 |
| 6) Benzaldehyde | 7.361 | 77 | 69955 | 28.987 | ng/ul | 96 |
| 8) Phenol | 7.396 | 94 | 109228 | 27.596 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.637 | 93 | 83241 | 28.097 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.790 | 128 | 75596 | 28.078 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.660 | 108 | 79860 | 27.297 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.742 | 45 | 126048 | 27.011 | ng/ul | 99 |
| 16) Acetophenone | 9.053 | 105 | 126060 | 26.939 | ng/ul | 95 |
| 17) N-Nitroso-di-n-propyla... | 9.030 | 70 | 76521 | 27.103 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.989 | 108 | 84862 | 27.243 | ng/ul | 100 |
| 19) Hexachloroethane | 9.318 | 117 | 30650 | 27.228 | ng/ul | 98 |
| 22) Nitrobenzene | 9.441 | 77 | 110216 | 29.218 | ng/ul | 97 |
| 23) Isophorone | 9.958 | 82 | 211489 | 28.888 | ng/ul | 100 |
| 25) 2-Nitrophenol | 10.158 | 139 | 43454 | 28.801 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 10.199 | 107 | 95002 | 28.611 | ng/ul | 100 |
| 27) Bis(2-Chloroethoxy)met... | 10.440 | 93 | 115538 | 29.290 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.693 | 162 | 70502 | 28.531 | ng/ul | 93 |
| 30) Naphthalene | 11.104 | 128 | 249884 | 28.712 | ng/ul | 98 |
| 32) 4-Chloroaniline | 11.210 | 127 | 94411 | 24.784 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.374 | 225 | 45724 | 28.193 | ng/ul | 96 |
| 34) Caprolactam | 11.968 | 113 | 28812 | 27.465 | ng/ul | 89 |
| 35) 4-Chloro-3-methylphenol | 12.308 | 107 | 91171 | 28.882 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.690 | 142 | 168083 | 28.349 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.908 | 142 | 169959 | 28.290 | ng/ul | 96 |
| 39) 1,2,4,5-Tetrachloroben... | 13.055 | 216 | 90323 | 29.449 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 13.025 | 237 | 36925 | 25.071 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 13.290 | 196 | 58883 | 29.340 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 13.360 | 196 | 62544 | 29.028 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.683 | 154 | 226304 | 29.414 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.736 | 162 | 175708 | 29.143 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.936 | 65 | 69891 | 29.177 | ng/ul | 96 |
| 47) Dimethylphthalate | 14.288 | 163 | 239367 | 29.727 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.424 | 165 | 50687 | 30.076 | ng/ul | 93 |
| 50) Acenaphthylene | 14.576 | 152 | 295597 | 29.396 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.753 | 138 | 47071 | 27.005 | ng/ul | 93 |
| 52) Acenaphthene | 14.911 | 153 | 193960 | 29.334 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.964 | 184 | 16711 | 17.974 | ng/ul | 95 |
| 55) 4-Nitrophenol | 15.052 | 109 | 36334 | 27.132 | ng/ul | 94 |
| 56) Dibenzofuran | 15.246 | 168 | 272713 | 28.815 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 15.205 | 165 | 71118 | 29.569 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.469 | 232 | 47668 | 28.151 | ng/ul | 99 |
| 59) Diethylphthalate | 15.646 | 149 | 250951 | 29.115 | ng/ul | 99 |
| 61) Fluorene | 15.892 | 166 | 216558 | 28.909 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.875 | 204 | 113645 | 29.134 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.916 | 138 | 50972 | 29.477 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.969 | 198 | 38032 | 28.088 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 16.092 | 169 | 191333 | 29.889 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.774 | 248 | 68583 | 30.106 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.897 | 284 | 69470 | 29.663 | ng/ul | 97 |
| 70) Atrazine | 17.032 | 200 | 78899 | 29.064 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.238 | 266 | 27513 | 25.588 | ng/ul | 90 |
| 72) Phenanthrene | 17.637 | 178 | 365974 | 29.937 | ng/ul | 99 |
| 74) Anthracene | 17.726 | 178 | 358710 | 29.245 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.654 | 216 | 94450 | 30.289 | ng/uL | 97 |
| 76) Pentachlorobenzene | 15.164 | 250 | 83983 | 29.067 | ng/uL | 98 |
| 77) Carbazole | 17.996 | 167 | 338555 | 30.795 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.531 | 149 | 432694 | 29.952 | ng/ul | 100 |
| 80) Fluoranthene | 19.635 | 202 | 450967 | 28.775 | ng/ul | 98 |
| 82) Pyrene | 19.999 | 202 | 443679 | 28.973 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.863 | 149 | 194814 | 29.584 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.774 | 252 | 126554 | 25.702 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.868 | 228 | 411891 | 29.427 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.738 | 149 | 280512 | 29.676 | ng/ul | 99 |
| 87) Chrysene | 21.938 | 228 | 392901 | 29.384 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 23.002 | 149 | 474316 | 28.638 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.194 | 252 | 412390 | 28.454 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 24.271 | 252 | 389110 | 28.611 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 25.123 | 252 | 395009 | 28.616 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 29.177 | 276 | 443381 | 28.855 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 29.247 | 278 | 375160 | 28.855 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 30.405 | 276 | 369879 | 28.756 | ng/ul | 99 |

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

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