Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059341.D
Acq On : 7 Oct 2023 13:51
Operator : MA/JU
Sample : SSTD04040
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD040403

Quant Time: Oct 07 14:57:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 14:54:34 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.229 | 152 | 40498 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.072 | 136 | 213382 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.868 | 164 | 146290 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.612 | 188 | 351780 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.918 | 240 | 311037 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.403 | 264 | 365302 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.528 | 96 | 18813 | 19.013 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.963 | 84 | 153806 | 52.234 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.359 | 99 | 208922 | 51.780 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.553 | 67 | 117368 | 51.227 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.747 | 132 | 152719 | 53.447 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.928 | 113 | 166315 | 53.783 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.427 | 128 | 82829 | 48.924 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.150 | 143 | 90684 | 48.310 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.679 | 165 | 165794 | 49.014 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.219 | 131 | 269424 | 52.213 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.263 | 166 | 551439 | 50.005 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.568 | 160 | 646121 | 48.214 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.062 | 143 | 105548 | 53.257 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.855 | 176 | 521496 | 49.981 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.972 | 200 | 106533 | 49.407 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.717 | 188 | 774843 | 47.791 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.991 | 212 | 856536 | 47.611 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.156 | 264 | 872104 | 48.769 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.569 | 88 | 19344 | 17.064 | ng/uL | 91 |
| 5) Pyridine | 3.981 | 79 | 156566 | 53.832 | ng/ul | 98 |
| 6) Benzaldehyde | 7.377 | 77 | 89396 | 62.420 | ng/ul | 93 |
| 8) Phenol | 7.388 | 94 | 204674 | 51.961 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.647 | 93 | 159674 | 51.945 | ng/ul | 95 |
| 12) 2-Chlorophenol | 7.782 | 128 | 157560 | 54.272 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.657 | 108 | 155427 | 52.921 | ng/ul | 92 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.734 | 45 | 168383 | 26.265 | ng/ul | 99 |
| 16) Acetophenone | 9.075 | 105 | 248180 | 52.303 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 9.039 | 70 | 123927 | 53.059 | ng/ul | 87 |
| 18) 4-Methylphenol | 8.992 | 108 | 170757 | 53.231 | ng/ul | 89 |
| 19) Hexachloroethane | 9.310 | 117 | 55895 | 47.557 | ng/ul | 92 |
| 22) Nitrobenzene | 9.474 | 77 | 180031 | 49.161 | ng/ul | 90 |
| 23) Isophorone | 9.979 | 82 | 389532 | 48.777 | ng/ul | 98 |
| 25) 2-Nitrophenol | 10.185 | 139 | 93047 | 48.137 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 10.209 | 107 | 179750 | 48.941 | ng/ul | 95 |
| 27) Bis(2-Chloroethoxy)met... | 10.461 | 93 | 237710 | 49.100 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.702 | 162 | 160660 | 48.988 | ng/ul | 98 |
| 30) Naphthalene | 11.125 | 128 | 551882 | 47.796 | ng/ul | 95 |
| 32) 4-Chloroaniline | 11.243 | 127 | 250325 | 50.611 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.348 | 225 | 99541 | 49.218 | ng/ul | 98 |
| 34) Caprolactam | 12.030 | 113 | 40580 | 34.287 | ng/ul | 92 |
| 35) 4-Chloro-3-methylphenol | 12.324 | 107 | 175354 | 49.119 | ng/ul | 94 |
| 36) 2-Methylnaphthalene | 12.712 | 142 | 373453 | 48.343 | ng/ul | 91 |

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**ClientSampleId :**
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.929 | 142 | 388150 | 48.694 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 13.052 | 216 | 197498 | 47.303 | ng/ul# | 97 |
| 40) Hexachlorocyclopentadiene | 13.005 | 237 | 118761 | 46.849 | ng/ul | 94 |
| 41) 2,4,6-Trichlorophenol | 13.299 | 196 | 134299 | 48.459 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 13.370 | 196 | 147854 | 48.403 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.704 | 154 | 547206 | 48.026 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.757 | 162 | 427466 | 49.335 | ng/ul | 97 |
| 45) 2-Nitroaniline | 13.975 | 65 | 142137 | 51.457 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.310 | 163 | 544011 | 48.747 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.457 | 165 | 112751 | 51.008 | ng/ul | 99 |
| 50) Acenaphthylene | 14.598 | 152 | 694405 | 48.589 | ng/ul | 98 |
| 51) 3-Nitroaniline | 14.797 | 138 | 96112 | 44.532 | ng/ul | 96 |
| 52) Acenaphthene | 14.932 | 153 | 466613 | 47.792 | ng/ul | 96 |
| 53) 2,4-Dinitrophenol | 14.991 | 184 | 65776 | 52.636 | ng/ul | 97 |
| 55) 4-Nitrophenol | 15.079 | 109 | 68794 | 50.546 | ng/ul | 92 |
| 56) Dibenzofuran | 15.262 | 168 | 641362 | 48.660 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.232 | 165 | 160902 | 49.285 | ng/ul# | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.473 | 232 | 146284 | 50.789 | ng/ul# | 95 |
| 59) Diethylphthalate | 15.655 | 149 | 534826 | 48.872 | ng/ul | 99 |
| 61) Fluorene | 15.908 | 166 | 546304 | 49.065 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.890 | 204 | 273247 | 48.313 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.955 | 138 | 76504 | 41.152 | ng/ul | 95 |
| 66) 4,6-Dinitro-2-methylph... | 15.984 | 198 | 113721 | 49.458 | ng/ul# | 95 |
| 67) N-Nitrosodiphenylamine | 16.113 | 169 | 461133 | 49.022 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.789 | 248 | 169020 | 47.065 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.883 | 284 | 193873 | 47.788 | ng/ul | 96 |
| 70) Atrazine | 17.048 | 200 | 178627 | 48.263 | ng/ul | 95 |
| 71) Pentachlorophenol | 17.242 | 266 | 119586 | 52.394 | ng/ul | 96 |
| 72) Phenanthrene | 17.659 | 178 | 938698 | 48.521 | ng/ul | 99 |
| 74) Anthracene | 17.753 | 178 | 966059 | 48.467 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.663 | 216 | 213369 | 47.873 | ng/uL | 92 |
| 76) Pentachlorobenzene | 15.156 | 250 | 214651 | 46.394 | ng/uL | 93 |
| 77) Carbazole | 18.029 | 167 | 813373 | 50.447 | ng/ul | 97 |
| 78) Di-n-butylphthalate | 18.528 | 149 | 957815 | 49.227 | ng/ul | 99 |
| 80) Fluoranthene | 19.650 | 202 | 1086163 | 48.833 | ng/ul | 99 |
| 82) Pyrene | 20.021 | 202 | 1099875 | 47.530 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.867 | 149 | 415661 | 48.567 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.813 | 252 | 334009 | 45.904 | ng/ul | 92 |
| 85) Benzo(a)anthracene | 21.895 | 228 | 1074193 | 47.999 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.725 | 149 | 616685 | 47.625 | ng/ul | 98 |
| 87) Chrysene | 21.971 | 228 | 998327 | 47.638 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 23.017 | 149 | 1054232 | 48.405 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.280 | 252 | 1092274 | 48.728 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 24.351 | 252 | 1111344 | 48.501 | ng/ul | 95 |
| 93) Benzo(a)pyrene | 25.238 | 252 | 1045377 | 48.858 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 29.433 | 276 | 1190653 | 48.374 | ng/ul# | 95 |
| 95) Dibenzo(a,h)anthracene | 29.509 | 278 | 1000457 | 49.389 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 30.714 | 276 | 961330 | 48.704 | ng/ul | 97 |

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

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