Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
Data File : BG059068.D
Acq On : 15 Sep 2023 12:51
Operator : MA/JU
Sample : SSTD00519
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 00:22:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 00:10:16 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD005421

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel

09/18/2023
Supervised By :mohammad ahmed

09/18/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.299 | 152 | 30707 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.143 | 136 | 148762 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.927 | 164 | 105879 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.682 | 188 | 243466 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 22.001 | 240 | 288853 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.555 | 264 | 338028 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.611 | 96 | 1180 | 1.687 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 0.000 | 99 | 0d | 0.000 | ng/ul | |
| 9) Bis-(2-Chloroethyl)eth... | 0.000 | 67 | 0d | 0.000 | ng/ul | |
| 11) 2-Chlorophenol-d4 | 7.811 | 132 | 10287 | 4.818 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 0.000 | 113 | 0d | 0.000 | ng/ul | |
| 21) Nitrobenzene-d5 | 9.498 | 128 | 6301 | 5.533 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.209 | 143 | 5232 | 3.902 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.737 | 165 | 10789 | 4.149 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 0.000 | 131 | 0d | 0.000 | ng/ul | |
| 46) Dimethylphthalate-d6 | 14.322 | 166 | 37633 | 4.417 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.633 | 160 | 40890 | 4.466 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 60) Fluorene-d10 | 15.914 | 176 | 33330 | 4.358 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 0.000 | 200 | 0d | 0.000 | ng/ul | |
| 73) Anthracene-d10 | 17.776 | 188 | 54074 | 4.886 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.050 | 212 | 77026 | 4.789 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.297 | 264 | 77582 | 4.622 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.640 | 88 | 2103 | 2.313 | ng/uL# | 92 |
| 12) 2-Chlorophenol | 7.841 | 128 | 10531 | 4.828 | ng/ul | 95 |
| 17) N-Nitroso-di-n-propyla... | 9.098 | 70 | 12897 | 5.719 | ng/ul# | 94 |
| 19) Hexachloroethane | 9.380 | 117 | 5658 | 6.194 | ng/ul | 92 |
| 22) Nitrobenzene | 9.539 | 77 | 18309 | 5.671 | ng/ul# | 89 |
| 23) Isophorone | 10.044 | 82 | 27470 | 3.881 | ng/ul# | 98 |
| 25) 2-Nitrophenol | 10.244 | 139 | 6281 | 4.625 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 10.262 | 107 | 12248 | 3.882 | ng/ul | 95 |
| 27) Bis(2-Chloroethoxy)met... | 10.532 | 93 | 17020 | 4.783 | ng/ul | 92 |
| 29) 2,4-Dichlorophenol | 10.761 | 162 | 11131 | 4.657 | ng/ul | 95 |
| 30) Naphthalene | 11.196 | 128 | 38141 | 4.926 | ng/ul | 96 |
| 33) Hexachlorobutadiene | 11.425 | 225 | 6923 | 3.859 | ng/ul# | 84 |
| 35) 4-Chloro-3-methylphenol | 12.371 | 107 | 13108 | 4.141 | ng/ul | 85 |
| 36) 2-Methylnaphthalene | 12.770 | 142 | 26489 | 4.634 | ng/ul | 92 |
| 37) 1-Methylnaphthalene | 12.994 | 142 | 26147 | 4.445 | ng/ul | 94 |
| 39) 1,2,4,5-Tetrachloroben... | 13.117 | 216 | 13306 | 4.070 | ng/ul# | 84 |
| 41) 2,4,6-Trichlorophenol | 13.352 | 196 | 9316 | 4.143 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 13.423 | 196 | 10496 | 4.360 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.769 | 154 | 36325 | 4.712 | ng/ul | 93 |
| 44) 2-Chloronaphthalene | 13.816 | 162 | 30897 | 5.127 | ng/ul | 93 |
| 45) 2-Nitroaniline | 14.028 | 65 | 10049 | 4.763 | ng/ul | 94 |
| 47) Dimethylphthalate | 14.369 | 163 | 39617 | 4.820 | ng/ul# | 96 |
| 48) 2,6-Dinitrotoluene | 14.510 | 165 | 7221 | 4.202 | ng/ul# | 82 |
| 50) Acenaphthylene | 14.656 | 152 | 49505 | 4.897 | ng/ul | 95 |

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|---|---|---|---|---|---|---|
| 52) Acenaphthene | 14.991 | 153 | 32798 | 4.848 | ng/ul | 92 |
| 56) Dibenzofuran | 15.320 | 168 | 47732 | 4.801 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.285 | 165 | 10134 | 4.142 | ng/ul# | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.526 | 232 | 9217 | 3.823 | ng/ul# | 94 |
| 59) Diethylphthalate | 15.714 | 149 | 42095 | 5.028 | ng/ul# | 93 |
| 61) Fluorene | 15.973 | 166 | 40570 | 4.832 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.955 | 204 | 19547 | 4.385 | ng/ul | 95 |
| 67) N-Nitrosodiphenylamine | 16.172 | 169 | 34813 | 5.436 | ng/ul | 96 |
| 68) 4-Bromophenyl-phenylether | 16.854 | 248 | 11668 | 4.263 | ng/ul# | 90 |
| 69) Hexachlorobenzene | 16.948 | 284 | 13969 | 4.641 | ng/ul | 98 |
| 72) Phenanthrene | 17.723 | 178 | 66731 | 5.377 | ng/ul | 96 |
| 74) Anthracene | 17.812 | 178 | 68353 | 5.331 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.722 | 216 | 12779 | 4.070 | ng/uL | 97 |
| 76) Pentachlorobenzene | 15.220 | 250 | 13100 | 4.053 | ng/uL | 91 |
| 78) Di-n-butylphthalate | 18.599 | 149 | 99288 | 7.643 | ng/ul | 97 |
| 80) Fluoranthene | 19.715 | 202 | 100152 | 5.546 | ng/ul | 100 |
| 82) Pyrene | 20.079 | 202 | 106237 | 5.451 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.937 | 149 | 42626 | 5.967 | ng/ul# | 96 |
| 85) Benzo(a)anthracene | 21.977 | 228 | 101457 | 5.122 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.819 | 149 | 64657 | 6.154 | ng/ul | 92 |
| 87) Chrysene | 22.054 | 228 | 92718 | 5.094 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 24.392 | 252 | 99662m | 4.996 | ng/ul | |
| 91) Benzo(k)fluoranthene | 24.474 | 252 | 99734 | 4.866 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 25.373 | 252 | 96856 | 5.135 | ng/ul# | 94 |
| 94) Indeno(1,2,3-cd)pyrene | 29.662 | 276 | 103380m | 4.501 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 29.739 | 278 | 85271m | 4.644 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 30.973 | 276 | 88658m | 4.798 | ng/ul | |

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

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