Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059601.D
Acq On : 2 Nov 2023 13:33
Operator : MA/JU
Sample : 04996-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 04:10:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
A4A86

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.348 | 152 | 82292 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 11.204 | 136 | 537132 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.982 | 164 | 341345 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.737 | 188 | 747081 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 22.073 | 240 | 583003 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.669 | 264 | 607751 | 20.000 | ng/ul | #-0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.648 | 96 | 11087 | 5.041 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 4.083 | 84 | 153622 | 24.994 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.467 | 99 | 255703 | 30.238 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.667 | 67 | 106709 | 27.473 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.866 | 132 | 199357 | 29.059 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 9.036 | 113 | 205575 | 30.642 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.553 | 128 | 98487 | 25.787 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.269 | 143 | 105336 | 26.866 | ng/ul | -0.02 |
| 28) 2,4-Dichlorophenol-d3 | 10.798 | 165 | 280729 | 32.498 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.345 | 131 | 204875 | 14.407 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.376 | 166 | 912239 | 29.498 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.688 | 160 | 1047958 | 28.875 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.152 | 143 | 199611 | 37.640 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.969 | 176 | 806583 | 30.519 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 16.074 | 200 | 155617 | 43.985 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.837 | 188 | 1280628 | 31.641 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.105 | 212 | 1330118 | 32.823 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.428 | 264 | 1225999 | 34.258 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.689 | 88 | 10745 | 4.365 | ng/uL# | 88 |
| 6) Benzaldehyde | 7.496 | 77 | 186348 | 48.924 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.767 | 93 | 284437 | 48.653 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 9.153 | 70 | 94538 | 18.972 | ng/ul# | 95 |
| 22) Nitrobenzene | 9.600 | 77 | 76986 | 9.339 | ng/ul | 89 |
| 25) 2-Nitrophenol | 10.305 | 139 | 82805 | 19.637 | ng/ul# | 80 |
| 29) 2,4-Dichlorophenol | 10.822 | 162 | 201715 | 24.137 | ng/ul | 92 |
| 30) Naphthalene | 11.251 | 128 | 385375 | 11.511 | ng/ul# | 96 |
| 33) Hexachlorobutadiene | 11.486 | 225 | 126793 | 25.290 | ng/ul | 95 |
| 36) 2-Methylnaphthalene | 12.831 | 142 | 525753 | 22.827 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 13.049 | 142 | 787315 | 34.320 | ng/ul | 95 |
| 39) 1,2,4,5-Tetrachloroben... | 13.172 | 216 | 108078 | 10.978 | ng/ul | 94 |
| 40) Hexachlorocyclopentadiene | 13.125 | 237 | 223094 | 38.872 | ng/ul | 91 |
| 41) 2,4,6-Trichlorophenol | 13.413 | 196 | 267653 | 39.261 | ng/ul | 93 |
| 43) 1,1'-Biphenyl | 13.824 | 154 | 1292112 | 41.844 | ng/ul# | 96 |
| 44) 2-Chloronaphthalene | 13.871 | 162 | 245361 | 10.223 | ng/ul | 95 |
| 48) 2,6-Dinitrotoluene | 14.570 | 165 | 215163 | 46.684 | ng/ul# | 76 |
| 50) Acenaphthylene | 14.717 | 152 | 596074 | 14.255 | ng/ul | 98 |
| 52) Acenaphthene | 15.046 | 153 | 300360 | 11.019 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 15.099 | 184 | 196464 | 75.021 | ng/ul# | 68 |
| 56) Dibenzofuran | 15.381 | 168 | 407281 | 11.525 | ng/ul | 94 |
| 61) Fluorene | 16.027 | 166 | 386895 | 12.682 | ng/ul | 96 |
| 62) 4-Chlorophenyl-phenyle... | 16.010 | 204 | 251149 | 19.264 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 16.092 | 198 | 266166 | 71.383 | ng/ul# | 79 |

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|---|---|---|---|---|---|---|
| 69) Hexachlorobenzene | 16.997 | 284 | 340285 | 39.385 | ng/ul | 98 |
| 71) Pentachlorophenol | 17.355 | 266 | 338990 | 68.679 | ng/ul | 91 |
| 72) Phenanthrene | 17.778 | 178 | 574019 | 11.819 | ng/ul | 97 |
| 74) Anthracene | 17.872 | 178 | 913599 | 18.630 | ng/ul | 98 |
| 77) Carbazole | 18.148 | 167 | 2024845 | 48.065 | ng/ul | 97 |
| 80) Fluoranthene | 19.770 | 202 | 1167607 | 23.637 | ng/ul | 99 |
| 82) Pyrene | 20.134 | 202 | 1146504 | 22.344 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 22.050 | 228 | 1477992 | 30.806 | ng/ul | 98 |
| 87) Chrysene | 22.120 | 228 | 536197m | 12.014 | ng/ul | |
| 90) Benzo(b)fluoranthene | 24.506 | 252 | 1136595 | 25.800 | ng/ul | 95 |
| 93) Benzo(a)pyrene | 25.499 | 252 | 638890 | 15.344 | ng/ul | 93 |
| 94) Indeno(1,2,3-cd)pyrene | 29.870 | 276 | 1742270m | 33.013 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 29.958 | 278 | 1183622 | 27.155 | ng/ul | 95 |
| 96) Benzo(g,h,i)perylene | 31.192 | 276 | 662419m | 15.336 | ng/ul | |

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

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