Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062065.D
Acq On : 13 Jul 2024 8:18
Operator : MA/JU
Sample : PB161909BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 15 09:13:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS909

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.038 | 152 | 39540 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.852 | 136 | 193514 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.671 | 164 | 153729 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.415 | 188 | 393539 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.681 | 240 | 372427 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 24.889 | 264 | 439547 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.437 | 96 | 6659 | 6.329 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.855 | 84 | 77951m | 24.094 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.204 | 99 | 105709 | 24.429 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.362 | 67 | 55752 | 20.346 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.574 | 132 | 67926 | 22.885 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.755 | 113 | 81714 | 23.984 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.213 | 128 | 39052 | 26.535 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.930 | 143 | 48148 | 28.648 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.476 | 165 | 92262 | 28.460 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.987 | 131 | 102177 | 21.710 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.078 | 166 | 329027 | 26.034 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.372 | 160 | 351561 | 26.602 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.883 | 143 | 55715 | 27.605 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.664 | 176 | 292981 | 27.537 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.788 | 200 | 60912 | 29.472 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.515 | 188 | 467124 | 25.424 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.801 | 212 | 547553 | 24.996 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.671 | 264 | 610689 | 28.014 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.473 | 88 | 12530m | 10.789 | ng/uL | |
| 5) Pyridine | 3.878 | 79 | 81220 | 24.479 | ng/ul | 97 |
| 6) Benzaldehyde | 7.174 | 77 | 54482 | 23.790 | ng/ul | 90 |
| 8) Phenol | 7.233 | 94 | 110491 | 24.940 | ng/ul# | 84 |
| 10) Bis(2-Chloroethyl)ether | 7.456 | 93 | 72605 | 21.334 | ng/ul | 92 |
| 12) 2-Chlorophenol | 7.603 | 128 | 75117 | 24.841 | ng/ul | 90 |
| 13) 2-Methylphenol | 8.484 | 108 | 76142 | 24.080 | ng/ul | 89 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.561 | 45 | 145977 | 19.633 | ng/ul | 97 |
| 16) Acetophenone | 8.866 | 105 | 131839 | 23.427 | ng/ul | 91 |
| 17) N-Nitroso-di-n-propyla... | 8.849 | 70 | 66823 | 21.209 | ng/ul | 90 |
| 18) 4-Methylphenol | 8.819 | 108 | 86496 | 24.427 | ng/ul | 96 |
| 19) Hexachloroethane | 9.119 | 117 | 33086 | 25.222 | ng/ul# | 84 |
| 22) Nitrobenzene | 9.254 | 77 | 108855 | 26.056 | ng/ul | 96 |
| 23) Isophorone | 9.771 | 82 | 210871 | 22.342 | ng/ul# | 94 |
| 25) 2-Nitrophenol | 9.959 | 139 | 46931 | 27.381 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 10.024 | 107 | 88602 | 21.599 | ng/ul | 91 |
| 27) Bis(2-Chloroethoxy)met... | 10.253 | 93 | 110279 | 21.218 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.506 | 162 | 84538 | 27.761 | ng/ul | 93 |
| 30) Naphthalene | 10.905 | 128 | 263183 | 24.759 | ng/ul | 97 |
| 32) 4-Chloroaniline | 11.017 | 127 | 99840 | 21.619 | ng/ul | 96 |
| 33) Hexachlorobutadiene | 11.175 | 225 | 61546 | 26.858 | ng/ul# | 82 |
| 34) Caprolactam | 11.786 | 113 | 34309m | 28.757 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.139 | 107 | 122710 | 30.257 | ng/ul | 89 |
| 36) 2-Methylnaphthalene | 12.503 | 142 | 205937 | 26.742 | ng/ul | 97 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.727 | 142 | 207431 | 25.920 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.868 | 216 | 119424 | 25.869 | ng/ul# | 94 |
| 40) Hexachlorocyclopentadiene | 12.844 | 237 | 40255 | 13.099 | ng/ul | 92 |
| 41) 2,4,6-Trichlorophenol | 13.108 | 196 | 77330 | 25.219 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 13.191 | 196 | 87705 | 26.038 | ng/ul | 91 |
| 43) 1,1'-Biphenyl | 13.508 | 154 | 289127 | 24.410 | ng/ul# | 98 |
| 44) 2-Chloronaphthalene | 13.555 | 162 | 214976 | 24.183 | ng/ul# | 85 |
| 45) 2-Nitroaniline | 13.761 | 65 | 109384 | 30.727 | ng/ul | 96 |
| 47) Dimethylphthalate | 14.125 | 163 | 309081 | 25.425 | ng/ul# | 99 |
| 48) 2,6-Dinitrotoluene | 14.254 | 165 | 68756 | 29.814 | ng/ul | 93 |
| 50) Acenaphthylene | 14.401 | 152 | 370701 | 25.558 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.583 | 138 | 67077 | 29.881 | ng/ul | 97 |
| 52) Acenaphthene | 14.736 | 153 | 258868 | 25.847 | ng/ul | 94 |
| 53) 2,4-Dinitrophenol | 14.789 | 184 | 30325 | 25.169 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.906 | 109 | 76607 | 33.256 | ng/ul | 88 |
| 56) Dibenzofuran | 15.071 | 168 | 374426 | 26.451 | ng/ul | 91 |
| 57) 2,4-Dinitrotoluene | 15.036 | 165 | 109972 | 32.516 | ng/ul | 86 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.294 | 232 | 72039 | 23.685 | ng/ul | 95 |
| 59) Diethylphthalate | 15.482 | 149 | 346404 | 26.443 | ng/ul | 98 |
| 61) Fluorene | 15.723 | 166 | 323319 | 26.858 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.705 | 204 | 163603 | 27.057 | ng/ul | 91 |
| 63) 4-Nitroaniline | 15.746 | 138 | 72369 | 31.771 | ng/ul# | 71 |
| 66) 4,6-Dinitro-2-methylph... | 15.799 | 198 | 64054 | 28.797 | ng/ul# | 92 |
| 67) N-Nitrosodiphenylamine | 15.923 | 169 | 280602 | 26.109 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.598 | 248 | 119619 | 26.793 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.716 | 284 | 146408 | 28.519 | ng/ul | 96 |
| 70) Atrazine | 16.863 | 200 | 23079 | 5.440 | ng/ul | 98 |
| 71) Pentachlorophenol | 17.068 | 266 | 41734m | 14.790 | ng/ul | |
| 72) Phenanthrene | 17.462 | 178 | 536462 | 25.853 | ng/ul | 98 |
| 74) Anthracene | 17.550 | 178 | 530331 | 24.730 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.473 | 216 | 122708 | 25.105 | ng/ul | 98 |
| 76) Pentachlorobenzene | 14.989 | 250 | 148110 | 26.568 | ng/ul | 90 |
| 77) Carbazole | 17.826 | 167 | 485475 | 26.900 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.367 | 149 | 592119 | 25.555 | ng/ul | 98 |
| 80) Fluoranthene | 19.466 | 202 | 644431 | 24.858 | ng/ul# | 94 |
| 82) Pyrene | 19.830 | 202 | 676314 | 25.255 | ng/ul# | 93 |
| 83) Butylbenzylphthalate | 20.705 | 149 | 284744 | 25.336 | ng/ul | 93 |
| 84) 3,3'-Dichlorobenzidine | 21.575 | 252 | 241462 | 27.253 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.657 | 228 | 704036 | 26.109 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.551 | 149 | 396059 | 24.559 | ng/ul | 96 |
| 87) Chrysene | 21.722 | 228 | 667450 | 26.441 | ng/ul | 97 |
| 89) Di-n-octyl phthalate | 22.756 | 149 | 700539 | 26.088 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.866 | 252 | 752317 | 27.166 | ng/ul# | 96 |
| 91) Benzo(k)fluoranthene | 23.937 | 252 | 740196 | 26.804 | ng/ul# | 96 |
| 93) Benzo(a)pyrene | 24.742 | 252 | 648446 | 24.728 | ng/ul# | 93 |
| 94) Indeno(1,2,3-cd)pyrene | 28.561 | 276 | 912825 | 27.239 | ng/ul# | 94 |
| 95) Dibenzo(a,h)anthracene | 28.620 | 278 | 768050m | 27.750 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.707 | 276 | 708610m | 26.579 | ng/ul | |

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

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