Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047021.D
Acq On : 21 Oct 2020 21:56
Operator : CG/JU
Sample : SSTD08027
Misc : GCMS CONFIRMATION
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD08027

**Manual Integrations APPROVED**
mohammad
10/26/2020 10:31:40 AM

Quant Time: Oct 22 05:24:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:01:00 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.06 | 152 | 56096 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.88 | 136 | 218748 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.70 | 164 | 152382 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.44 | 188 | 362269 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.71 | 240 | 362761 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.94 | 264 | 377678 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.47 | 96 | 41436 | 32.79 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.22 | 99 | 376106 | 76.67 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.39 | 67 | 214331 | 74.78 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.60 | 132 | 288653 | 78.17 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.77 | 113 | 296547 | 75.04 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 9.23 | 128 | 142490 | 76.64 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.95 | 143 | 168681 | 79.54 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.49 | 165 | 325254 | 78.17 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 11.01 | 131 | 280037 | 58.55 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.10 | 166 | 917242 | 72.46 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.39 | 160 | 1087384 | 75.36 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.89 | 143 | 161072 | 73.82 | ng/ul | 0.02 |
| 58) Fluorene-d10 | 15.69 | 176 | 851278 | 73.16 | ng/ul | 0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.81 | 200 | 206547 | 82.79 | ng/ul | 0.01 |
| 71) Anthracene-d10 | 17.54 | 188 | 1276371 | 72.74 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.82 | 212 | 1513274 | 76.10 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.73 | 264 | 1593334 | 74.90 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.51 | 88 | 41866 | 27.783 | ng/uL | 93 |
| 4) Benzaldehyde | 7.20 | 77 | 231900 | 80.549 | ng/ul | 97 |
| 6) Phenol | 7.25 | 94 | 367849 | 70.957 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.48 | 93 | 289044 | 73.572 | ng/ul | 96 |
| 10) 2-Chlorophenol | 7.63 | 128 | 284568 | 76.343 | ng/ul | 96 |
| 11) 2-Methylphenol | 8.50 | 108 | 281968 | 73.008 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.59 | 45 | 418310 | 74.441 | ng/ul | 96 |
| 14) Acetophenone | 8.89 | 105 | 449208 | 70.867 | ng/ul | 92 |
| 15) N-Nitroso-di-n-propylamine | 8.89 | 70 | 234939 | 70.669 | ng/ul | 95 |
| 16) 4-Methylphenol | 8.84 | 108 | 289291 | 70.570 | ng/ul | 84 |
| 17) Hexachloroethane | 9.16 | 117 | 127883 | 75.299 | ng/ul | 99 |
| 20) Nitrobenzene | 9.27 | 77 | 377988 | 75.347 | ng/ul | 96 |
| 21) Isophorone | 9.80 | 82 | 663233 | 71.846 | ng/ul# | 95 |
| 23) 2-Nitrophenol | 9.98 | 139 | 173671 | 78.145 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 10.04 | 107 | 340979 | 72.729 | ng/ul | 97 |
| 25) Bis(2-Chloroethoxy)methane | 10.28 | 93 | 378610 | 71.921 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.52 | 162 | 304037 | 73.475 | ng/ul | 92 |
| 28) Naphthalene | 10.93 | 128 | 906053 | 71.782 | ng/ul | 98 |
| 30) 4-Chloroaniline | 11.03 | 127 | 266479 | 58.222 | ng/ul | 96 |
| 31) Hexachlorobutadiene | 11.21 | 225 | 259590 | 73.625 | ng/ul | 95 |
| 32) Caprolactam | 11.81 | 113 | 105182m | 75.108 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 12.15 | 107 | 311248 | 71.889 | ng/ul | 92 |
| 34) 2-Methylnaphthalene | 12.53 | 142 | 650563 | 70.102 | ng/ul | 97 |

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|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.75 | 142 | 754119 | 82.389 ng/uL | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 438094 | 73.720 ng/ul | 95 |
| 38) Hexachlorocyclopentadiene | 12.87 | 237 | 303139 | 76.817 ng/ul | 96 |
| 39) 2,4,6-Trichlorophenol | 13.13 | 196 | 284127 | 77.688 ng/ul | 96 |
| 40) 2,4,5-Trichlorophenol | 13.20 | 196 | 291960 | 75.619 ng/ul | 96 |
| 41) 1,1'-Biphenyl | 13.53 | 154 | 870116 | 70.789 ng/ul | 96 |
| 42) 2-Chloronaphthalene | 13.57 | 162 | 706849 | 71.778 ng/ul | 95 |
| 43) 2-Nitroaniline | 13.77 | 65 | 237231 | 80.297 ng/ul | 97 |
| 45) Dimethylphthalate | 14.14 | 163 | 908574 | 69.234 ng/ul | 98 |
| 46) 2,6-Dinitrotoluene | 14.27 | 165 | 206235 | 76.881 ng/ul | 95 |
| 48) Acenaphthylene | 14.42 | 152 | 1008880 | 69.174 ng/ul | 98 |
| 49) 3-Nitroaniline | 14.60 | 138 | 139137 | 62.574 ng/ul | 96 |
| 50) Acenaphthene | 14.76 | 153 | 742154 | 72.568 ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.80 | 184 | 133793 | 79.014 ng/ul | 95 |
| 53) 4-Nitrophenol | 14.91 | 109 | 162520 | 70.976 ng/ul | 96 |
| 54) Dibenzofuran | 15.10 | 168 | 1061966 | 69.876 ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 15.05 | 165 | 287288 | 74.613 ng/ul# | 97 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.32 | 232 | 300599 | 78.601 ng/ul | 89 |
| 57) Diethylphthalate | 15.51 | 149 | 916113 | 69.987 ng/ul | 99 |
| 59) Fluorene | 15.74 | 166 | 869222 | 69.697 ng/ul | 92 |
| 60) 4-Chlorophenyl-phenylether | 15.73 | 204 | 504822 | 69.454 ng/ul | 97 |
| 61) 4-Nitroaniline | 15.77 | 138 | 165184 | 66.587 ng/ul | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 15.82 | 198 | 208775 | 77.813 ng/ul# | 91 |
| 65) N-Nitrosodiphenylamine | 15.94 | 169 | 786688 | 74.003 ng/ul | 97 |
| 66) 4-Bromophenyl-phenylether | 16.62 | 248 | 360827 | 74.669 ng/ul | 99 |
| 67) Hexachlorobenzene | 16.75 | 284 | 377480 | 74.996 ng/ul | 98 |
| 68) Atrazine | 16.89 | 200 | 339720 | 72.344 ng/ul | 97 |
| 69) Pentachlorophenol | 17.09 | 266 | 240961 | 77.132 ng/ul | 96 |
| 70) Phenanthrene | 17.48 | 178 | 1457579 | 70.315 ng/ul | 97 |
| 72) Anthracene | 17.57 | 178 | 1449514 | 69.227 ng/ul | 95 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.50 | 216 | 456643 | 79.307 ng/uL | 99 |
| 74) Pentachlorobenzene | 15.01 | 250 | 444530 | 75.238 ng/uL | 98 |
| 75) Carbazole | 17.84 | 167 | 1203985 | 71.604 ng/ul | 97 |
| 76) Di-n-butylphthalate | 18.39 | 149 | 1482544 | 67.382 ng/ul | 97 |
| 77) Fluoranthene | 19.49 | 202 | 1822794 | 72.010 ng/ul | 98 |
| 80) Pyrene | 19.85 | 202 | 1733952 | 70.629 ng/ul | 97 |
| 81) Butylbenzylphthalate | 20.73 | 149 | 693761 | 77.652 ng/ul | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.60 | 252 | 530852 | 62.558 ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.69 | 228 | 1792148 | 71.579 ng/ul | 93 |
| 84) Bis(2-ethylhexyl)phthalate | 21.59 | 149 | 963966 | 75.562 ng/ul | 98 |
| 85) Chrysene | 21.76 | 228 | 1739825 | 72.022 ng/ul | 93 |
| 87) Di-n-octyl phthalate | 22.80 | 149 | 1623586 | 74.794 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.92 | 252 | 1901544 | 72.582 ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 23.99 | 252 | 1799654 | 71.233 ng/ul | 95 |
| 91) Benzo(a)pyrene | 24.81 | 252 | 1695356 | 71.981 ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 28.66 | 276 | 2181244 | 75.596 ng/ul | 96 |
| 93) Dibenzo(a,h)anthracene | 28.73 | 278 | 1775460 | 74.201 ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 29.82 | 276 | 1803143 | 74.448 ng/ul | 97 |

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|---|---|---|---|---|---|---|

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

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