Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090519\
Data File : BM022527.D
Acq On : 05 Sep 2019 18:34
Operator : HP/JU
Sample : SSTD08050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 19:08:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 18:23:55 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD08050

**Manual Integrations APPROVED**
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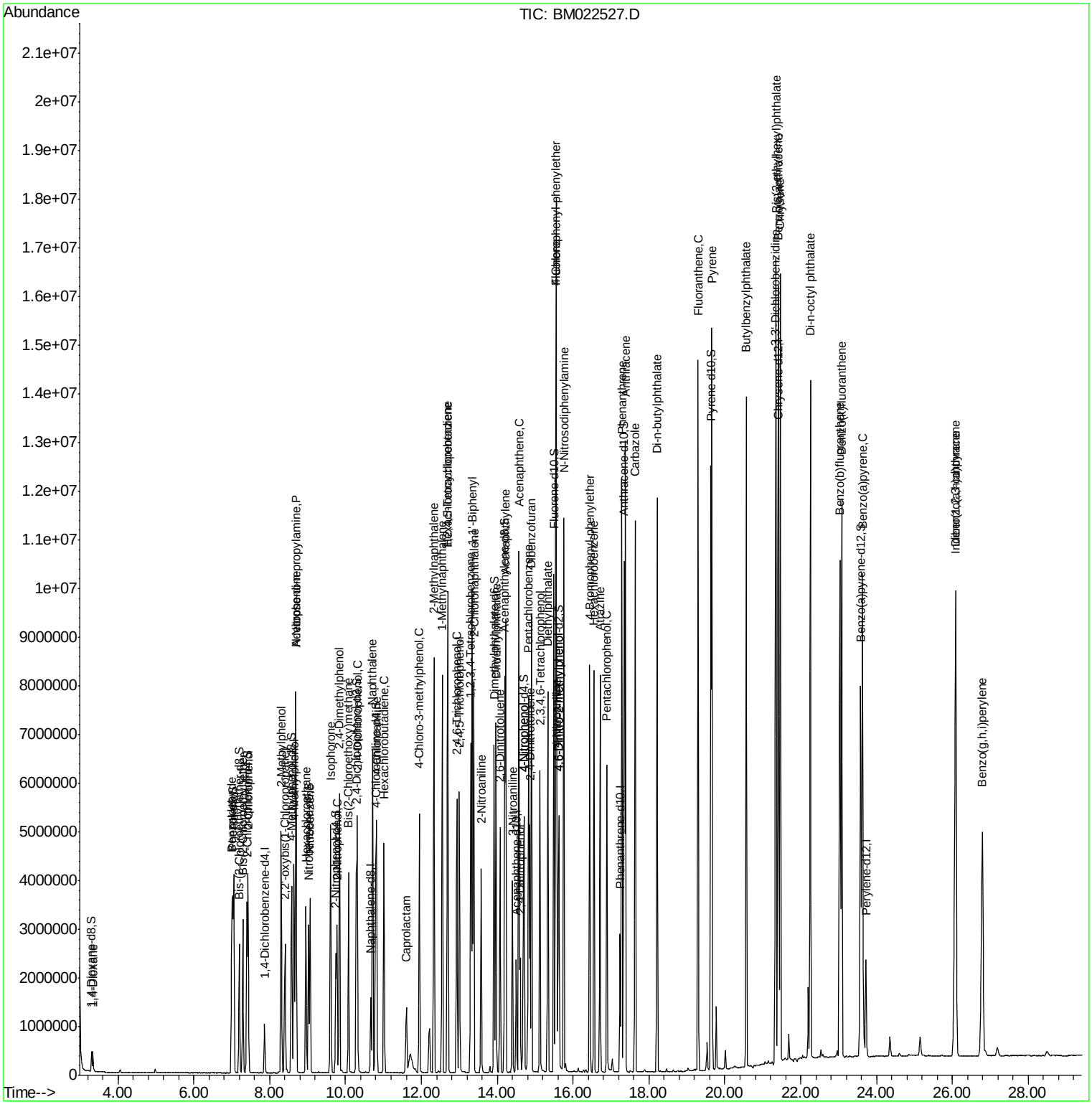

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.87 | 152 | 274140 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.66 | 136 | 1254210 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.50 | 164 | 785174 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.24 | 188 | 1607822 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.42 | 240 | 1515092 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.72 | 264 | 1469246 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 198981 | 31.04 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.03 | 99 | 2076296 | 89.80 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.20 | 67 | 1168360 | 81.59 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.40 | 132 | 1638256 | 86.82 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.57 | 113 | 1680062 | 93.90 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 9.02 | 128 | 778186 | 94.42 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.75 | 143 | 805418 | 107.51 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.29 | 165 | 1729758 | 90.86 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.79 | 131 | 2170844 | 94.44 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.92 | 166 | 4947491 | 78.48 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.20 | 160 | 5715388 | 70.18 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.70 | 143 | 940584 | 90.91 | ng/ul | 0.03 |
| 58) Fluorene-d10 | 15.50 | 176 | 4050679 | 73.62 | ng/ul | 0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.62 | 200 | 704411 | 106.72 | ng/ul | 0.02 |
| 71) Anthracene-d10 | 17.34 | 188 | 6186756 | 79.75 | ng/ul | 0.01 |
| 79) Pyrene-d10 | 19.63 | 212 | 6780499 | 92.23 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12 | 23.58 | 264 | 6288794 | 82.05 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 203385 | 30.488 | ng/uL# | 91 |
| 4) Benzaldehyde | 7.00 | 77 | 1101667 | 84.661 | ng/ul | 99 |
| 6) Phenol | 7.06 | 94 | 2179008 | 94.407 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.29 | 93 | 1628803 | 91.656 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.43 | 128 | 1743057 | 91.960 | ng/ul | 100 |
| 11) 2-Methylphenol | 8.30 | 108 | 1688099 | 97.587 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.40 | 45 | 2372936 | 84.440 | ng/ul | 99 |
| 14) Acetophenone | 8.69 | 105 | 2581328 | 93.083 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.70 | 70 | 1372197 | 98.883 | ng/ul | 96 |
| 16) 4-Methylphenol | 8.65 | 108 | 1825189 | 99.818 | ng/ul | 99 |
| 17) Hexachloroethane | 8.96 | 117 | 671081 | 90.139 | ng/ul | 95 |
| 20) Nitrobenzene | 9.07 | 77 | 1893512 | 90.833 | ng/ul | 98 |
| 21) Isophorone | 9.60 | 82 | 3936908 | 95.029 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.77 | 139 | 930281 | 107.550 | ng/ul | 99 |
| 24) 2,4-Dimethylphenol | 9.84 | 107 | 1985374 | 88.949 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 10.08 | 93 | 2343719 | 91.523 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.31 | 162 | 1713954 | 93.696 | ng/ul | 100 |
| 28) Naphthalene | 10.72 | 128 | 5393375 | 83.630 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.82 | 127 | 2263938 | 98.444 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 11.01 | 225 | 1006515 | 81.516 | ng/ul | 99 |
| 32) Caprolactam | 11.61 | 113 | 574919m | 99.380 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.95 | 107 | 1864569 | 97.254 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.33 | 142 | 4019182 | 88.451 | ng/ul | 100 |

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Quant Time: Sep 05 19:08:53 2019
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.55 | 142 | 3813868 | 83.932 ng/ul | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.70 | 216 | 2047553 | 75.932 ng/ul | 99 |
| 38) Hexachlorocyclopentadiene | 12.69 | 237 | 1335199 | 79.523 ng/ul | 100 |
| 39) 2,4,6-Trichlorophenol | 12.93 | 196 | 1344408 | 87.553 ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 13.00 | 196 | 1467202 | 87.553 ng/ul | 99 |
| 41) 1,1'-Biphenyl | 13.34 | 154 | 5079008 | 77.758 ng/ul | 98 |
| 42) 2-Chloronaphthalene | 13.38 | 162 | 3870283 | 75.712 ng/ul | 97 |
| 43) 2-Nitroaniline | 13.57 | 65 | 1131566 | 100.488 ng/ul | 97 |
| 45) Dimethylphthalate | 13.97 | 163 | 4956685 | 80.447 ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 14.08 | 165 | 1022534 | 108.051 ng/ul | 93 |
| 48) Acenaphthylene | 14.23 | 152 | 6132053 | 79.562 ng/ul | 98 |
| 49) 3-Nitroaniline | 14.40 | 138 | 1002990 | 97.464 ng/ul# | 98 |
| 50) Acenaphthene | 14.57 | 153 | 4217790 | 77.079 ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.60 | 184 | 476856 | 112.648 ng/ul# | 72 |
| 53) 4-Nitrophenol | 14.71 | 109 | 729130 | 91.450 ng/ul | 96 |
| 54) Dibenzofuran | 14.90 | 168 | 5860861 | 78.065 ng/ul | 95 |
| 55) 2,4-Dinitrotoluene | 14.86 | 165 | 1488658 | 106.976 ng/ul | 94 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.13 | 232 | 1244853 | 91.840 ng/ul | 98 |
| 57) Diethylphthalate | 15.34 | 149 | 5143257 | 84.258 ng/ul | 98 |
| 59) Fluorene | 15.55 | 166 | 4648017 | 75.359 ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.54 | 204 | 2363761 | 75.585 ng/ul | 97 |
| 61) 4-Nitroaniline | 15.57 | 138 | 1146250 | 90.676 ng/ul | 100 |
| 64) 4,6-Dinitro-2-methylphenol | 15.63 | 198 | 815220 | 110.151 ng/ul | 99 |
| 65) N-Nitrosodiphenylamine | 15.76 | 169 | 4225103 | 84.954 ng/ul | 100 |
| 66) 4-Bromophenyl-phenylether | 16.44 | 248 | 1602512 | 88.093 ng/ul | 99 |
| 67) Hexachlorobenzene | 16.55 | 284 | 1730774 | 88.407 ng/ul | 98 |
| 68) Atrazine | 16.72 | 200 | 1621871 | 92.270 ng/ul | 99 |
| 69) Pentachlorophenol | 16.89 | 266 | 1064487 | 100.550 ng/ul | 99 |
| 70) Phenanthrene | 17.29 | 178 | 7413990 | 83.014 ng/ul | 96 |
| 72) Anthracene | 17.38 | 178 | 7571147 | 82.573 ng/ul | 97 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.30 | 216 | 2046912 | 76.921 ng/uL | 99 |
| 74) Pentachlorobenzene | 14.83 | 250 | 2006793 | 83.601 ng/uL | 99 |
| 75) Carbazole | 17.64 | 167 | 7089456 | 87.957 ng/ul | 98 |
| 76) Di-n-butylphthalate | 18.22 | 149 | 8665877 | 92.409 ng/ul | 98 |
| 77) Fluoranthene | 19.30 | 202 | 8559954 | 83.612 ng/ul | 96 |
| 80) Pyrene | 19.66 | 202 | 8539872 | 91.796 ng/ul | 97 |
| 81) Butylbenzylphthalate | 20.57 | 149 | 4091008 | 118.908 ng/ul | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.34 | 252 | 3086984 | 102.852 ng/ul | 100 |
| 83) Benzo(a)anthracene | 21.41 | 228 | 8370037 | 89.238 ng/ul | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.36 | 149 | 5745908 | 106.268 ng/ul | 96 |
| 85) Chrysene | 21.46 | 228 | 7616761 | 87.078 ng/ul | 96 |
| 87) Di-n-octyl phthalate | 22.26 | 149 | 9445807 | 107.004 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.03 | 252 | 8023437 | 91.236 ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 23.08 | 252 | 7291167 | 86.343 ng/ul | 98 |
| 91) Benzo(a)pyrene | 23.63 | 252 | 7180223 | 85.656 ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 26.08 | 276 | 7468002 | 74.683 ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 26.09 | 278 | 6192537 | 74.031 ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.79 | 276 | 6029126 | 72.712 ng/ul | 99 |

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

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