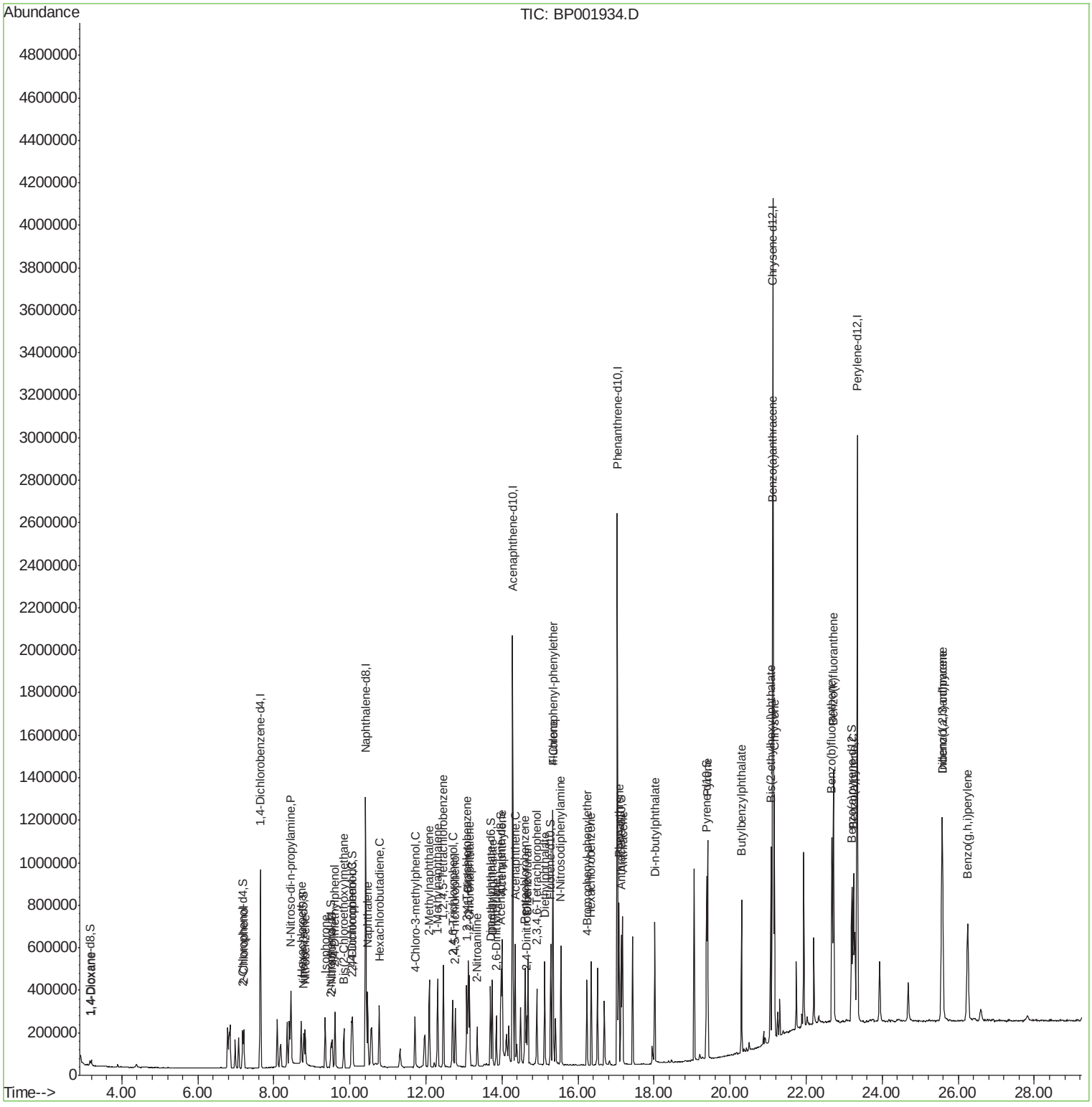
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022720\
Data File : BP001934.D
Acq On : 27 Feb 2020 11:32
Operator : CG/JU
Sample : SSTD00579
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTD00579

Quant Time: Feb 27 13:35:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 27 13:27:00 2020
Response via : Initial Calibration



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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 272246 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.42 | 136 | 1076301 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.28 | 164 | 700394 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.03 | 188 | 1566512 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.13 | 240 | 1658237 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.34 | 264 | 1936999 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.16 | 96 | 12652 | 1.93 | ng/uL | 0.00 |
| 5) Phenol-d5 | 0.00 | 99 | 0d | 0.00 | ng/ul | |
| 7) Bis-(2-Chloroethyl)ether-d | 0.00 | 67 | 0d | 0.00 | ng/ul | |
| 9) 2-Chlorophenol-d4 | 7.18 | 132 | 87928 | 5.29 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 0.00 | 113 | 0d | 0.00 | ng/ul | |
| 19) Nitrobenzene-d5 | 8.78 | 128 | 39884 | 5.47 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.50 | 143 | 43449 | 6.59 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.04 | 165 | 88023 | 5.62 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 44) Dimethylphthalate-d6 | 13.69 | 166 | 268414 | 5.46 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.97 | 160 | 315038 | 5.21 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 58) Fluorene-d10 | 15.28 | 176 | 234919 | 5.31 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 71) Anthracene-d10 | 17.13 | 188 | 364617 | 5.28 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.37 | 212 | 435504 | 5.12 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.20 | 264 | 479207 | 5.12 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.20 | 88 | 13831 | 1.967 | ng/uL# | 89 |
| 10) 2-Chlorophenol | 7.21 | 128 | 89589 | 5.094 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.44 | 70 | 59846 | 5.119 | ng/ul | 97 |
| 17) Hexachloroethane | 8.72 | 117 | 36192 | 5.174 | ng/ul | 90 |
| 20) Nitrobenzene | 8.82 | 77 | 91044 | 5.041 | ng/ul | 96 |
| 21) Isophorone | 9.35 | 82 | 171260 | 5.159 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.53 | 139 | 47377 | 6.001 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.60 | 107 | 94616 | 5.336 | ng/ul | 94 |
| 25) Bis(2-Chloroethoxy)methane | 9.84 | 93 | 111791 | 4.976 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.07 | 162 | 88283 | 5.490 | ng/ul | 99 |
| 28) Naphthalene | 10.46 | 128 | 296895 | 5.162 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.77 | 225 | 62466 | 5.493 | ng/ul | 99 |
| 33) 4-Chloro-3-methylphenol | 11.70 | 107 | 86784 | 5.668 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.09 | 142 | 206075 | 5.198 | ng/ul | 100 |
| 35) 1-Methylnaphthalene | 12.30 | 142 | 209049 | 5.350 | ng/ul | 97 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216 | 117339 | 5.143 | ng/ul | 98 |
| 39) 2,4,6-Trichlorophenol | 12.70 | 196 | 76632 | 6.285 | ng/ul | 94 |
| 40) 2,4,5-Trichlorophenol | 12.77 | 196 | 78467 | 5.845 | ng/ul | 98 |
| 41) 1,1'-Biphenyl | 13.11 | 154 | 276224 | 5.059 | ng/ul | 99 |
| 42) 2-Chloronaphthalene | 13.15 | 162 | 219395 | 5.089 | ng/ul | 98 |
| 43) 2-Nitroaniline | 13.35 | 65 | 47679 | 5.509 | ng/ul | 94 |
| 45) Dimethylphthalate | 13.74 | 163 | 279466 | 5.402 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 13.85 | 165 | 49411 | 5.481 | ng/ul | 99 |

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|---|---|---|---|---|---|
| 48) Acenaphthylene | 14.00 | 152 | 343037 | 5.225 ng/ul | 99 |
| 50) Acenaphthene | 14.35 | 153 | 228848 | 5.101 ng/ul | 97 |
| 54) Dibenzofuran | 14.68 | 168 | 331476 | 5.246 ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.65 | 165 | 72740 | 5.480 ng/ul | 99 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.91 | 232 | 74490 | 6.865 ng/ul | 98 |
| 57) Diethylphthalate | 15.12 | 149 | 271898 | 5.497 ng/ul | 99 |
| 59) Fluorene | 15.33 | 166 | 273596 | 5.443 ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.33 | 204 | 143765 | 5.511 ng/ul | 99 |
| 65) N-Nitrosodiphenylamine | 15.55 | 169 | 231774 | 5.160 ng/ul | 98 |
| 66) 4-Bromophenyl-phenylether | 16.23 | 248 | 91592 | 5.327 ng/ul | 99 |
| 67) Hexachlorobenzene | 16.35 | 284 | 103987 | 5.241 ng/ul | 98 |
| 70) Phenanthrene | 17.07 | 178 | 453261 | 5.247 ng/ul | 99 |
| 72) Anthracene | 17.17 | 178 | 453986 | 5.320 ng/ul | 98 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.07 | 216 | 123610 | 4.813 ng/uL | 99 |
| 74) Pentachlorobenzene | 14.61 | 250 | 129035 | 5.155 ng/uL | 99 |
| 76) Di-n-butylphthalate | 18.02 | 149 | 464591 | 5.932 ng/ul | 99 |
| 80) Pyrene | 19.40 | 202 | 591008 | 5.240 ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.30 | 149 | 212477 | 6.068 ng/ul | 96 |
| 83) Benzo(a)anthracene | 21.11 | 228 | 578976 | 5.302 ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 321663 | 5.544 ng/ul | 98 |
| 85) Chrysene | 21.16 | 228 | 562076 | 5.269 ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.67 | 252 | 607585 | 5.331 ng/ul | 100 |
| 89) Benzo(k)fluoranthene | 22.72 | 252 | 604312 | 5.115 ng/ul | 100 |
| 91) Benzo(a)pyrene | 23.24 | 252 | 550856 | 5.157 ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.57 | 276 | 688636 | 5.161 ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.58 | 278 | 573880 | 5.121 ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.24 | 276 | 570959 | 5.034 ng/ul | 98 |

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