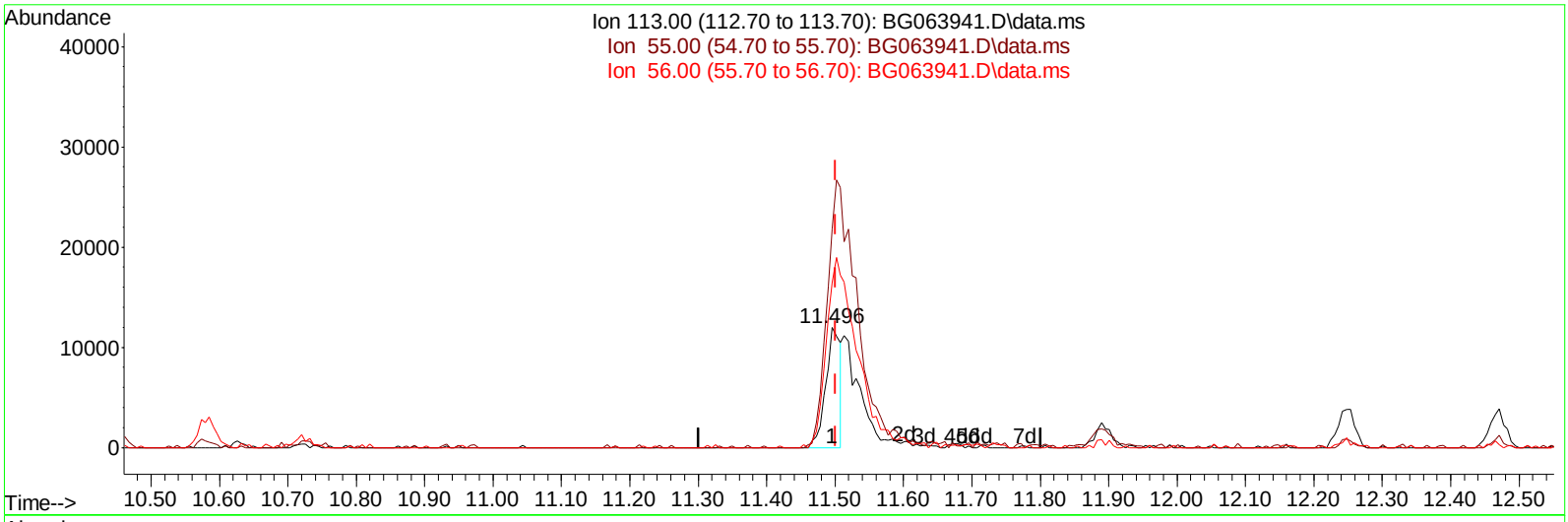
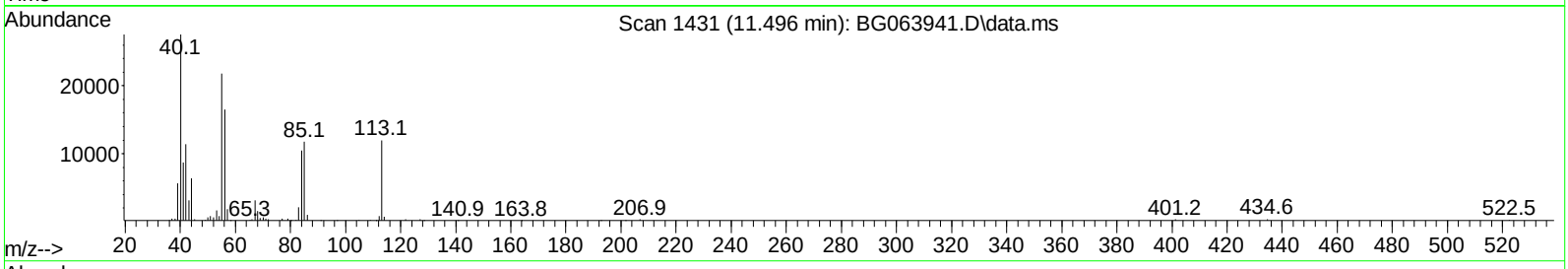
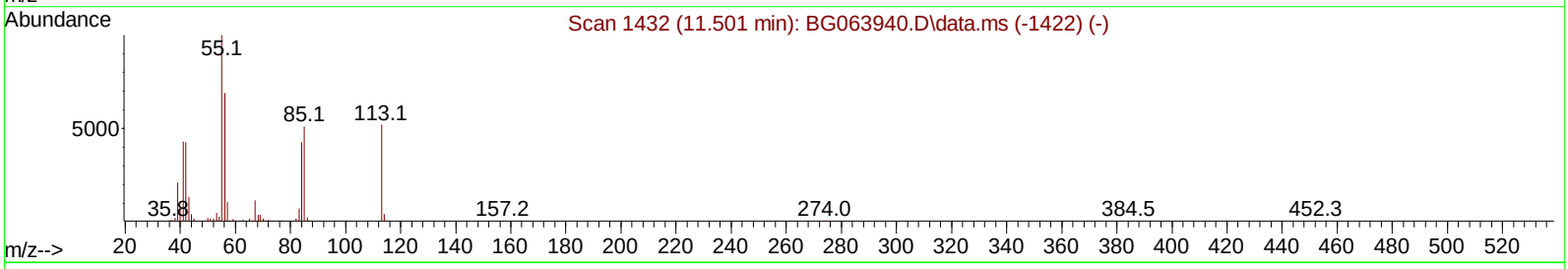
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
Data File : BG063941.D
Acq On : 6 Jan 2025 16:45
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 06 17:21:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:42:18 2025
Response via : Initial Calibration




TIC: BG063941.D\data.ms

**(34) Caprolactam**

**11.496min (-0.005) 8.63 ng/ul**

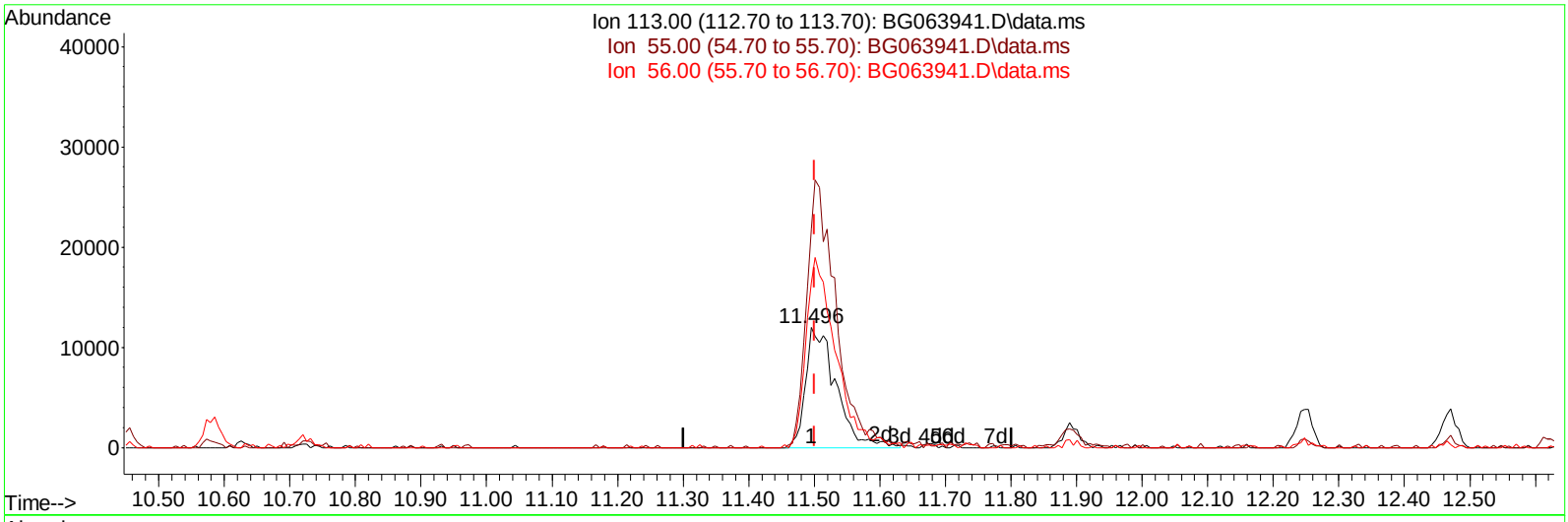
**response 17821**

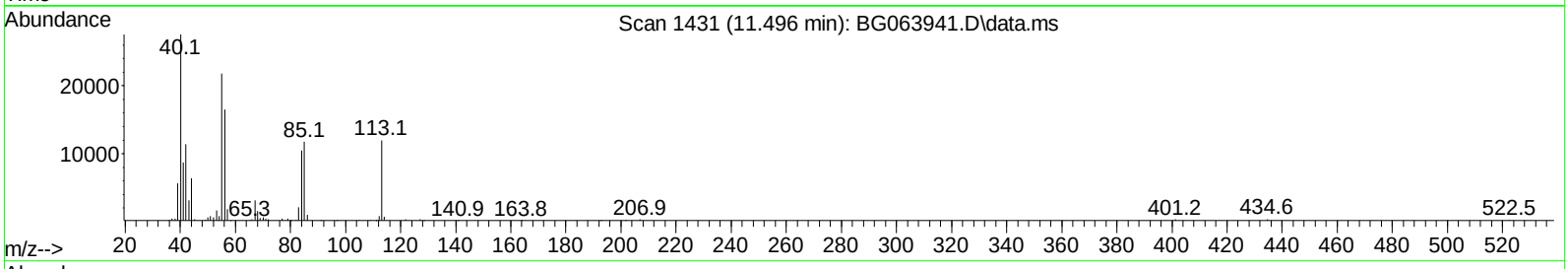
| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 191.80 | 182.17 |
| 56.00 | 132.60 | 137.82 |
| 0.00 | 0.00 | 0.00 |

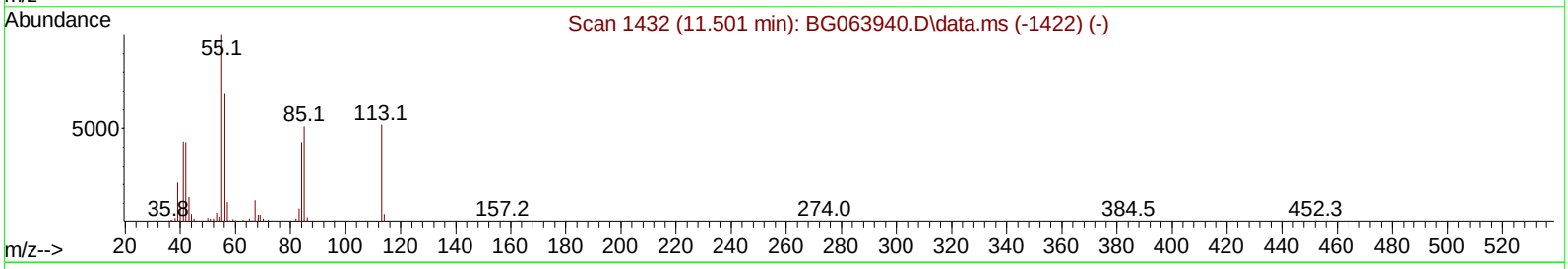
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
Data File : BG063941.D
Acq On : 6 Jan 2025 16:45
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 06 17:21:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:42:18 2025
Response via : Initial Calibration




TIC: BG063941.D\data.ms

**(34) Caprolactam**

**11.496min (-0.005) 18.55 ng/ul m**

**response 38316**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 191.80 | 182.17 |
| 56.00 | 132.60 | 137.82 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
Data File : BG063941.D
Acq On : 6 Jan 2025 16:45
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 06 17:23:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:42:18 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.794 | 152 | 91816 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.585 | 136 | 361860 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.439 | 164 | 256313 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.195 | 188 | 599423 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.455 | 240 | 676709 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.475 | 264 | 706375 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.258 | 96 | 19932 | 7.359 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.664 | 84 | 161891 | 19.619 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.977 | 99 | 164725 | 20.205 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.124 | 67 | 132379 | 22.954 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.330 | 132 | 107795 | 20.134 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.511 | 113 | 127530 | 20.867 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.952 | 128 | 57611 | 20.974 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.668 | 143 | 61935 | 21.023 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.221 | 165 | 122319 | 20.699 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.720 | 131 | 151365 | 20.257 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.846 | 166 | 379883 | 20.693 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.128 | 160 | 450986 | 20.728 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.674 | 143 | 43956 | 17.716 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.438 | 176 | 337578 | 20.604 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.573 | 200 | 55594 | 17.707 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.295 | 188 | 586964 | 20.214 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.598 | 212 | 726288 | 20.874 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.275 | 264 | 752168 | 21.011 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.294 | 88 | 21793 | 7.061 | ng/uL | 92 |
| 5) Pyridine | 3.687 | 79 | 147169 | 17.100 | ng/ul | 94 |
| 6) Benzaldehyde | 6.936 | 77 | 105776 | 21.442 | ng/ul | 95 |
| 8) Phenol | 7.007 | 94 | 170410 | 19.633 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.218 | 93 | 134474 | 19.314 | ng/ul | 94 |
| 12) 2-Chlorophenol | 7.365 | 128 | 105409 | 19.086 | ng/ul | 92 |
| 13) 2-Methylphenol | 8.247 | 108 | 120075 | 19.695 | ng/ul | 89 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.317 | 45 | 191714 | 19.121 | ng/ul | 99 |
| 16) Acetophenone | 8.611 | 105 | 218852 | 20.709 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.593 | 70 | 118756 | 19.550 | ng/ul | 95 |
| 18) 4-Methylphenol | 8.576 | 108 | 126192 | 19.023 | ng/ul | 96 |
| 19) Hexachloroethane | 8.863 | 117 | 50380 | 19.436 | ng/ul | 94 |
| 22) Nitrobenzene | 8.993 | 77 | 177381 | 18.984 | ng/ul | 99 |
| 23) Isophorone | 9.510 | 82 | 322155 | 19.196 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.704 | 139 | 60397 | 20.340 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 9.768 | 107 | 114413 | 17.090 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 9.992 | 93 | 185212 | 19.512 | ng/ul | 94 |
| 29) 2,4-Dichlorophenol | 10.244 | 162 | 111705 | 19.190 | ng/ul | 97 |
| 30) Naphthalene | 10.632 | 128 | 377450 | 19.849 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.749 | 127 | 143105 | 20.169 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.914 | 225 | 92795 | 19.306 | ng/ul | 98 |
| 34) Caprolactam | 11.496 | 113 | 38316m | 18.554 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.889 | 107 | 120985 | 19.755 | ng/ul# | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
Data File : BG063941.D
Acq On : 6 Jan 2025 16:45
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 06 17:23:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:42:18 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.248 | 142 | 269182 | 20.146 | ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.471 | 142 | 249978 | 18.852 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.624 | 216 | 176448 | 19.677 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.600 | 237 | 67859 | 20.092 | ng/ul | 94 |
| 41) 2,4,6-Trichlorophenol | 12.871 | 196 | 91641 | 19.187 | ng/ul | 92 |
| 42) 2,4,5-Trichlorophenol | 12.953 | 196 | 96131 | 19.780 | ng/ul | 94 |
| 43) 1,1'-Biphenyl | 13.264 | 154 | 370142 | 20.067 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.311 | 162 | 278940 | 18.712 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.517 | 65 | 91759 | 19.720 | ng/ul | 97 |
| 47) Dimethylphthalate | 13.893 | 163 | 355628 | 19.269 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 14.016 | 165 | 74904 | 21.302 | ng/ul | 95 |
| 50) Acenaphthylene | 14.163 | 152 | 458219 | 20.041 | ng/ul | 96 |
| 51) 3-Nitroaniline | 14.351 | 138 | 69470 | 21.968 | ng/ul | 83 |
| 52) Acenaphthene | 14.504 | 153 | 312904 | 19.398 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.580 | 184 | 38755 | 21.982 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.686 | 109 | 39059 | 17.339 | ng/ul | 91 |
| 56) Dibenzofuran | 14.839 | 168 | 456389 | 19.534 | ng/ul | 93 |
| 57) 2,4-Dinitrotoluene | 14.815 | 165 | 102080 | 19.439 | ng/ul# | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.080 | 232 | 79662 | 19.846 | ng/ul# | 94 |
| 59) Diethylphthalate | 15.262 | 149 | 346038 | 19.606 | ng/ul | 99 |
| 61) Fluorene | 15.491 | 166 | 353841 | 19.527 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.485 | 204 | 192745 | 19.443 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.520 | 138 | 72392 | 23.378 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.591 | 198 | 57117 | 17.670 | ng/ul# | 99 |
| 67) N-Nitrosodiphenylamine | 15.703 | 169 | 304172 | 19.364 | ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.378 | 248 | 126146 | 19.025 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.507 | 284 | 140598 | 18.830 | ng/ul | 98 |
| 70) Atrazine | 16.654 | 200 | 131341 | 18.505 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.860 | 266 | 41486 | 16.152 | ng/ul | 92 |
| 72) Phenanthrene | 17.236 | 178 | 613833 | 18.576 | ng/ul | 98 |
| 74) Anthracene | 17.330 | 178 | 629291 | 18.858 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.235 | 216 | 166084 | 18.245 | ng/ul | 98 |
| 76) Pentachlorobenzene | 14.762 | 250 | 164320 | 17.779 | ng/ul | 98 |
| 77) Carbazole | 17.600 | 167 | 551958 | 19.834 | ng/ul | 97 |
| 78) Di-n-butylphthalate | 18.164 | 149 | 608383 | 19.492 | ng/ul | 100 |
| 80) Fluoranthene | 19.263 | 202 | 784585 | 19.815 | ng/ul | 99 |
| 82) Pyrene | 19.627 | 202 | 845542 | 19.747 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.520 | 149 | 240070 | 20.833 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.355 | 252 | 262511 | 22.807 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.431 | 228 | 849535 | 19.258 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.349 | 149 | 388108 | 21.172 | ng/ul | 100 |
| 87) Chrysene | 21.496 | 228 | 824512 | 19.358 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.483 | 149 | 666346 | 20.013 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.523 | 252 | 834456 | 19.520 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.581 | 252 | 856802 | 19.203 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.334 | 252 | 820044 | 20.102 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 27.894 | 276 | 986636 | 20.058 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 27.929 | 278 | 785772 | 20.095 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 28.952 | 276 | 741301 | 19.098 | ng/ul | 98 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
Data File : BG063941.D
Acq On : 6 Jan 2025 16:45
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 06 17:23:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:42:18 2025
Response via : Initial Calibration