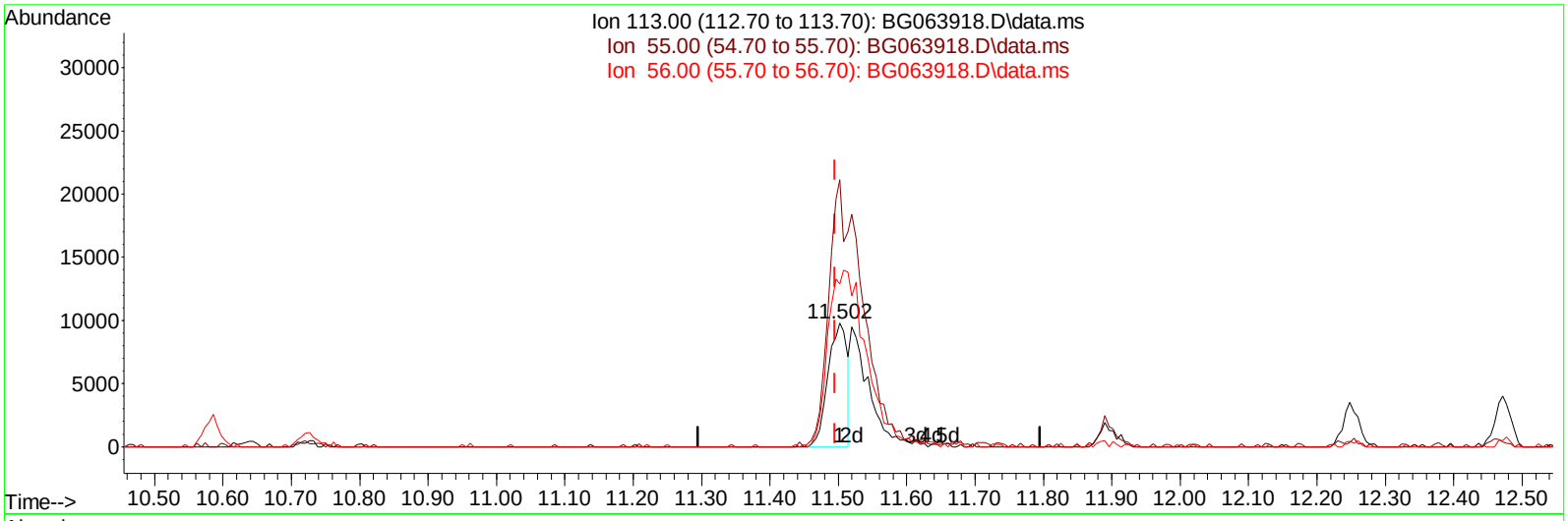
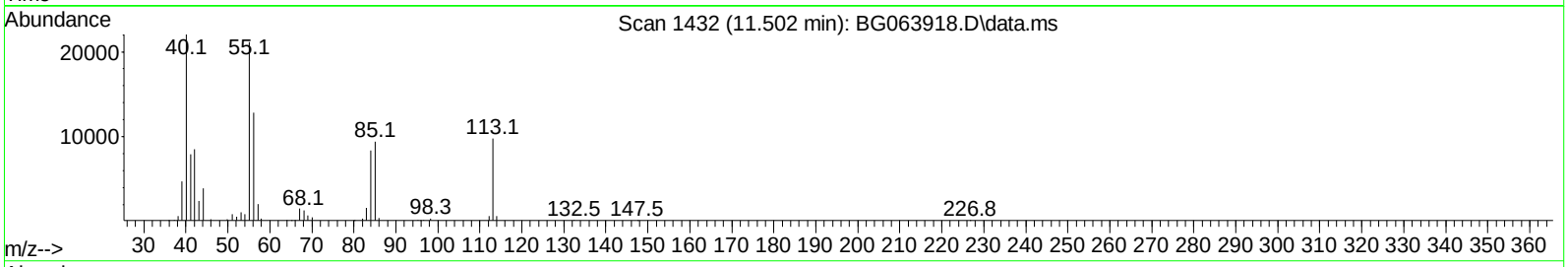
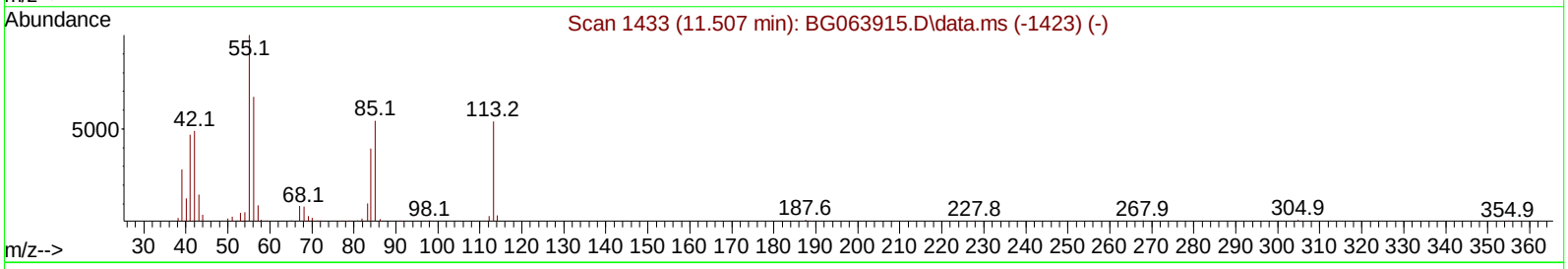
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123124\
Data File : BG063918.D
Acq On : 31 Dec 2024 12:33
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 01 00:46:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration




TIC: BG063918.D\data.ms

**(34) Caprolactam**

**11.502min (+ 0.007) 12.50 ng/ul**

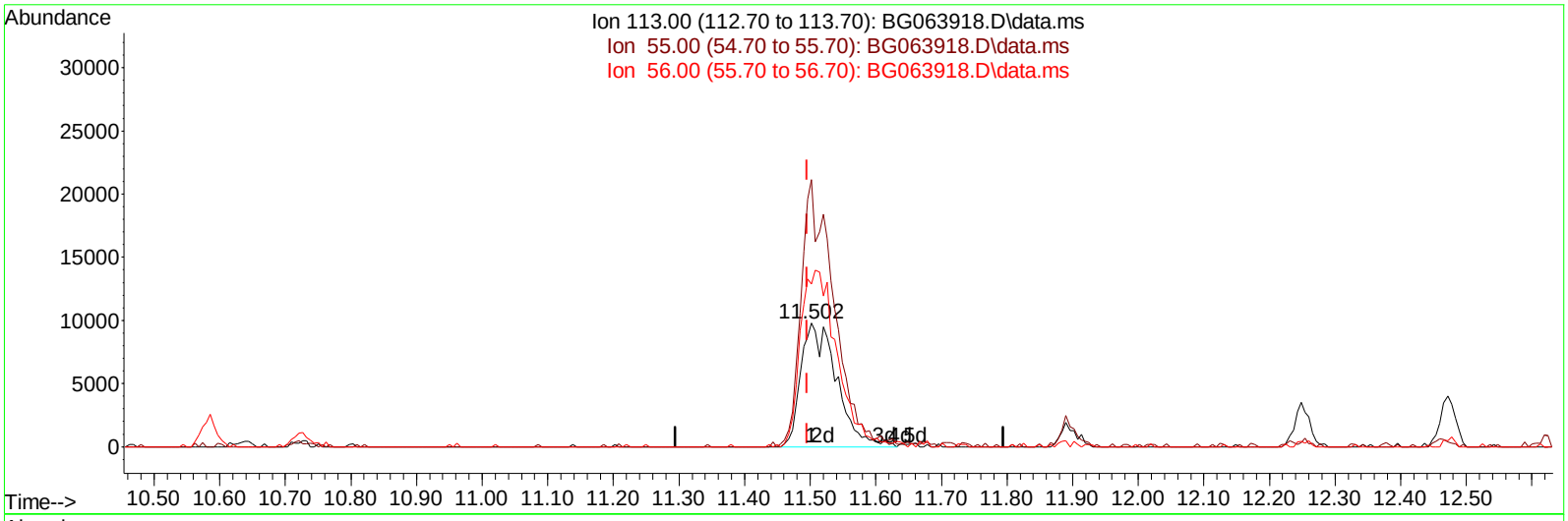
**response 19070**

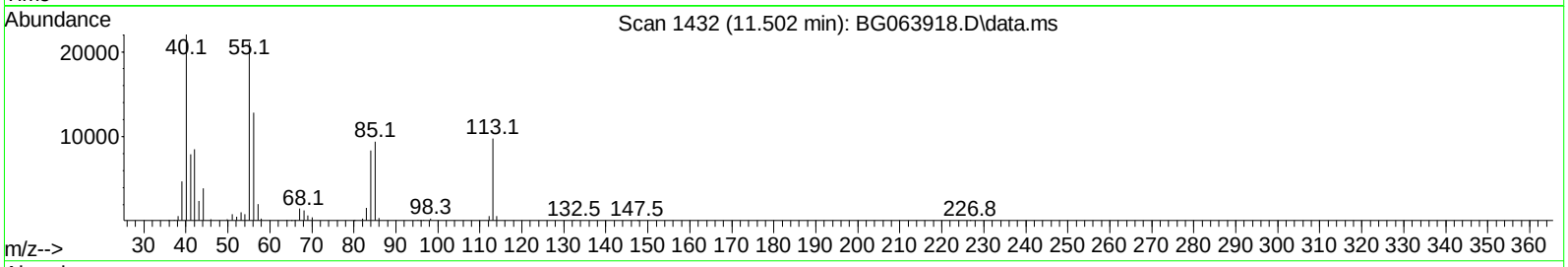
| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 202.90 | 215.83 |
| 56.00 | 133.90 | 131.39 |
| 0.00 | 0.00 | 0.00 |

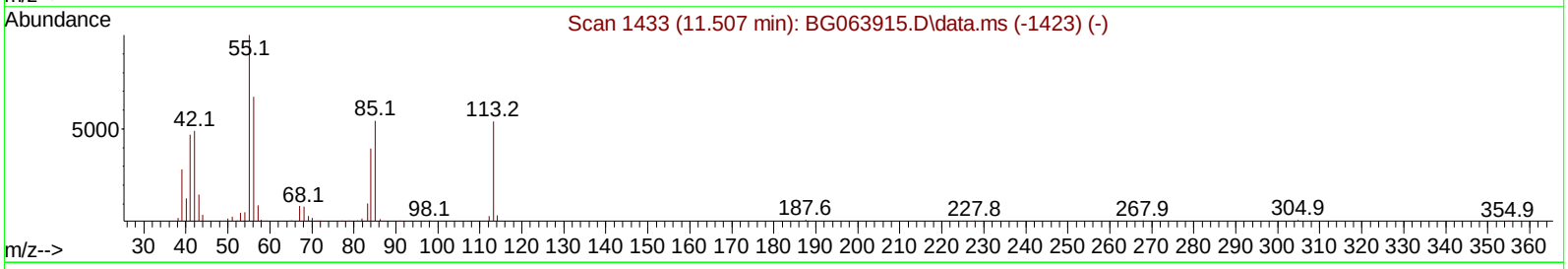
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123124\
Data File : BG063918.D
Acq On : 31 Dec 2024 12:33
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 01 00:46:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration




TIC: BG063918.D\data.ms

**(34) Caprolactam**

**11.502min (+ 0.007) 24.40 ng/ul m**

**response 37214**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 202.90 | 215.83 |
| 56.00 | 133.90 | 131.39 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123124\
Data File : BG063918.D
Acq On : 31 Dec 2024 12:33
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 01 01:26:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.789 | 152 | 69588 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.586 | 136 | 286556 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.440 | 164 | 205523 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.195 | 188 | 478055 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.455 | 240 | 548512 | 20.000 | ng/ul | 0.02 |
| 88) Perylene-d12 | 24.481 | 264 | 571461 | 20.000 | ng/ul | 0.04 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.253 | 96 | 17251 | 9.715 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.658 | 84 | 125450 | 22.395 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.978 | 99 | 130996 | 20.439 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.125 | 67 | 92119 | 20.811 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.331 | 132 | 85255 | 20.547 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.511 | 113 | 98010 | 19.697 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.952 | 128 | 60682 | 29.658 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.669 | 143 | 51339 | 22.385 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.221 | 165 | 99806 | 22.477 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.727 | 131 | 127729 | 22.655 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.846 | 166 | 308922 | 22.090 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.134 | 160 | 365059 | 22.899 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.681 | 143 | 41179 | 20.782 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.439 | 176 | 280557 | 22.690 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.580 | 200 | 44858 | 18.073 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.295 | 188 | 480423 | 23.374 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.599 | 212 | 597939 | 20.949 | ng/ul | 0.01 |
| 92) Benzo(a)pyrene-d12 | 24.275 | 264 | 607037 | 22.620 | ng/ul | 0.03 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.288 | 88 | 18598 | 8.850 | ng/uL | 97 |
| 5) Pyridine | 3.682 | 79 | 130851 | 21.808 | ng/ul | 97 |
| 6) Benzaldehyde | 6.931 | 77 | 93320 | 23.738 | ng/ul | 91 |
| 8) Phenol | 7.007 | 94 | 138809 | 20.322 | ng/ul | 94 |
| 10) Bis(2-Chloroethyl)ether | 7.219 | 93 | 111532 | 21.342 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.360 | 128 | 91172 | 21.708 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.247 | 108 | 98638 | 19.980 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.312 | 45 | 158178 | 20.388 | ng/ul | 96 |
| 16) Acetophenone | 8.611 | 105 | 234386 | 27.772 | ng/ul | 91 |
| 17) N-Nitroso-di-n-propyla... | 8.594 | 70 | 128376 | 25.492 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.576 | 108 | 144362 | 26.719 | ng/ul | 88 |
| 19) Hexachloroethane | 8.864 | 117 | 53911 | 26.123 | ng/ul | 92 |
| 22) Nitrobenzene | 8.993 | 77 | 196461 | 28.754 | ng/ul | 96 |
| 23) Isophorone | 9.510 | 82 | 274180 | 21.239 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.704 | 139 | 54427 | 23.091 | ng/ul | 91 |
| 26) 2,4-Dimethylphenol | 9.769 | 107 | 114030 | 21.320 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 9.992 | 93 | 157531 | 22.561 | ng/ul# | 96 |
| 29) 2,4-Dichlorophenol | 10.245 | 162 | 101948 | 23.106 | ng/ul | 96 |
| 30) Naphthalene | 10.633 | 128 | 316326 | 22.079 | ng/ul | 97 |
| 32) 4-Chloroaniline | 10.750 | 127 | 123207 | 22.968 | ng/ul | 94 |
| 33) Hexachlorobutadiene | 10.920 | 225 | 75823 | 21.153 | ng/ul | 98 |
| 34) Caprolactam | 11.502 | 113 | 37214m | 24.400 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.896 | 107 | 105945 | 20.453 | ng/ul | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123124\
Data File : BG063918.D
Acq On : 31 Dec 2024 12:33
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 01 01:26:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.254 | 142 | 226578 | 22.005 ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.472 | 142 | 234561 | 22.364 ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.624 | 216 | 140110 | 21.295 ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.601 | 237 | 48835 | 18.776 ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.877 | 196 | 81935 | 22.034 ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 12.953 | 196 | 84395 | 21.747 ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.271 | 154 | 307152 | 22.662 ng/ul | 95 |
| 44) 2-Chloronaphthalene | 13.312 | 162 | 242252 | 22.258 ng/ul | 94 |
| 45) 2-Nitroaniline | 13.523 | 65 | 81519 | 22.360 ng/ul | 98 |
| 47) Dimethylphthalate | 13.899 | 163 | 312691 | 22.310 ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 14.023 | 165 | 61018 | 23.441 ng/ul | 91 |
| 50) Acenaphthylene | 14.164 | 152 | 389331 | 22.776 ng/ul | 99 |
| 51) 3-Nitroaniline | 14.352 | 138 | 49695 | 20.649 ng/ul# | 92 |
| 52) Acenaphthene | 14.510 | 153 | 269556 | 22.248 ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.581 | 184 | 28225 | 21.218 ng/ul | 96 |
| 55) 4-Nitrophenol | 14.692 | 109 | 36888 | 17.928 ng/ul | 93 |
| 56) Dibenzofuran | 14.845 | 168 | 395708 | 23.166 ng/ul | 96 |
| 57) 2,4-Dinitrotoluene | 14.822 | 165 | 94689 | 24.481 ng/ul | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.086 | 232 | 71775 | 21.456 ng/ul# | 91 |
| 59) Diethylphthalate | 15.268 | 149 | 305571 | 22.552 ng/ul | 97 |
| 61) Fluorene | 15.497 | 166 | 319162 | 23.400 ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.486 | 204 | 166179 | 21.869 ng/ul | 97 |
| 63) 4-Nitroaniline | 15.521 | 138 | 48671 | 20.201 ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.591 | 198 | 46233 | 18.080 ng/ul# | 93 |
| 67) N-Nitrosodiphenylamine | 15.703 | 169 | 268255 | 23.173 ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.385 | 248 | 108498 | 22.270 ng/ul | 94 |
| 69) Hexachlorobenzene | 16.508 | 284 | 121001 | 22.167 ng/ul | 99 |
| 70) Atrazine | 16.661 | 200 | 109050 | 22.285 ng/ul | 97 |
| 71) Pentachlorophenol | 16.866 | 266 | 30855 | 13.407 ng/ul | 99 |
| 72) Phenanthrene | 17.242 | 178 | 551161 | 23.925 ng/ul | 98 |
| 74) Anthracene | 17.331 | 178 | 559832 | 24.010 ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.235 | 216 | 136861 | 21.457 ng/ul | 97 |
| 76) Pentachlorobenzene | 14.769 | 250 | 145903 | 23.090 ng/ul | 98 |
| 77) Carbazole | 17.607 | 167 | 482437 | 25.560 ng/ul | 97 |
| 78) Di-n-butylphthalate | 18.165 | 149 | 565839 | 24.824 ng/ul | 98 |
| 80) Fluoranthene | 19.264 | 202 | 691306 | 21.309 ng/ul | 97 |
| 82) Pyrene | 19.628 | 202 | 737950 | 21.380 ng/ul# | 93 |
| 83) Butylbenzylphthalate | 20.527 | 149 | 238447 | 22.505 ng/ul | 94 |
| 84) 3,3'-Dichlorobenzidine | 21.361 | 252 | 197262 | 19.922 ng/ul | 94 |
| 85) Benzo(a)anthracene | 21.438 | 228 | 751429 | 21.859 ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.349 | 149 | 351416 | 22.800 ng/ul | 100 |
| 87) Chrysene | 21.502 | 228 | 692868 | 21.148 ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.483 | 149 | 606691 | 24.597 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.523 | 252 | 748723 | 23.052 ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.588 | 252 | 731274 | 22.572 ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.340 | 252 | 690114 | 22.637 ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 27.889 | 276 | 852433 | 22.896 ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 27.942 | 278 | 684407 | 22.974 ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 28.958 | 276 | 656704 | 22.228 ng/ul | 96 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123124\
Data File : BG063918.D
Acq On : 31 Dec 2024 12:33
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 01 01:26:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration