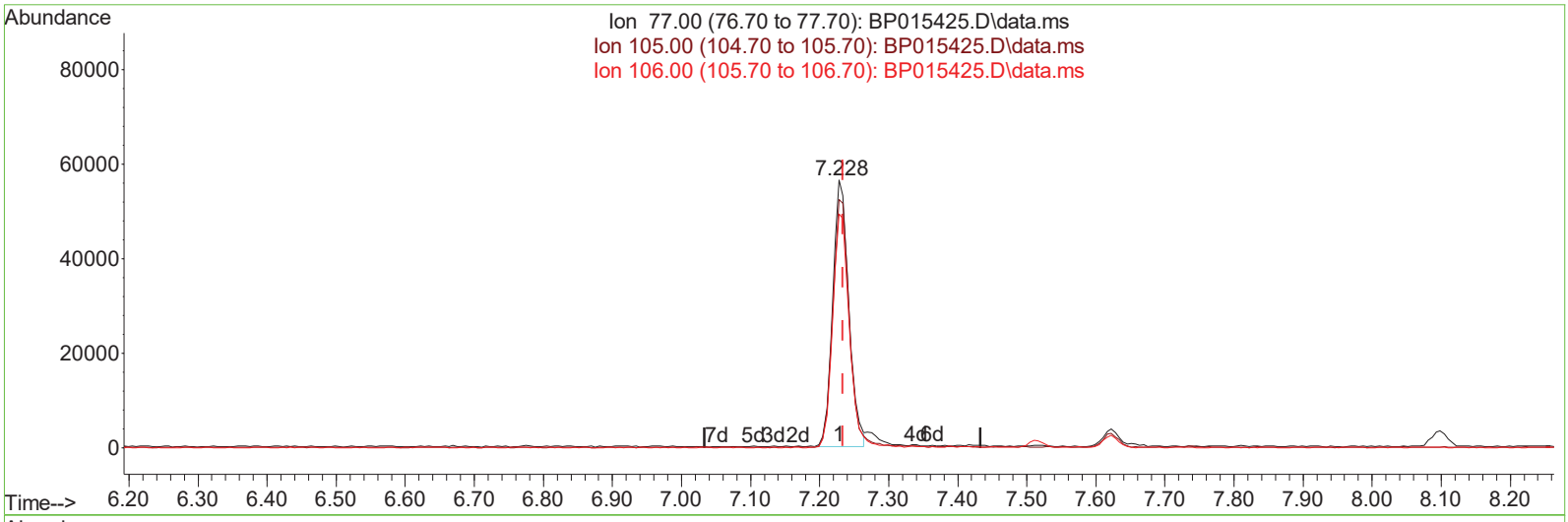
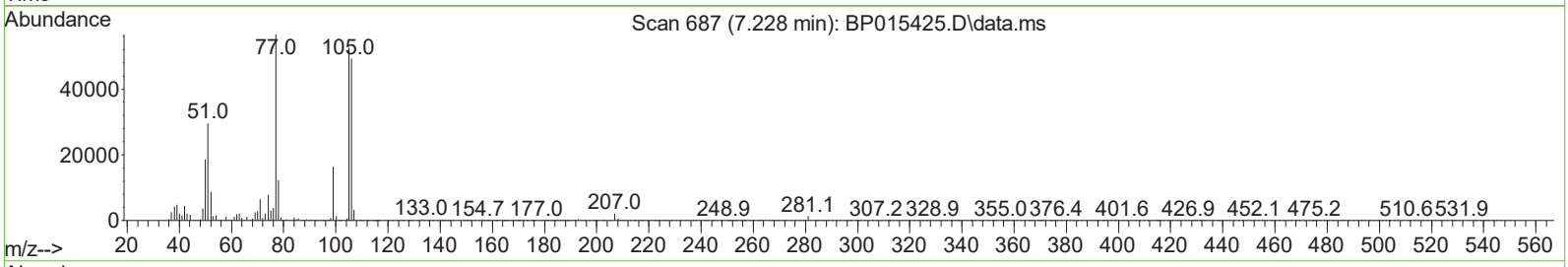
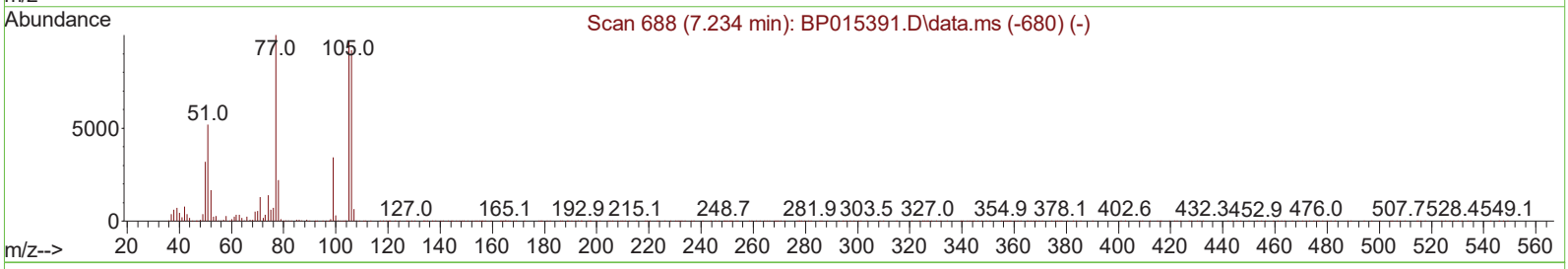
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015425.D
Acq On : 08 Jun 2023 06:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 08 06:53:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration




TIC: BP015425.D\data.ms

**(6) Benzaldehyde**

**7.228min (-0.006) 19.48 ng/ul**

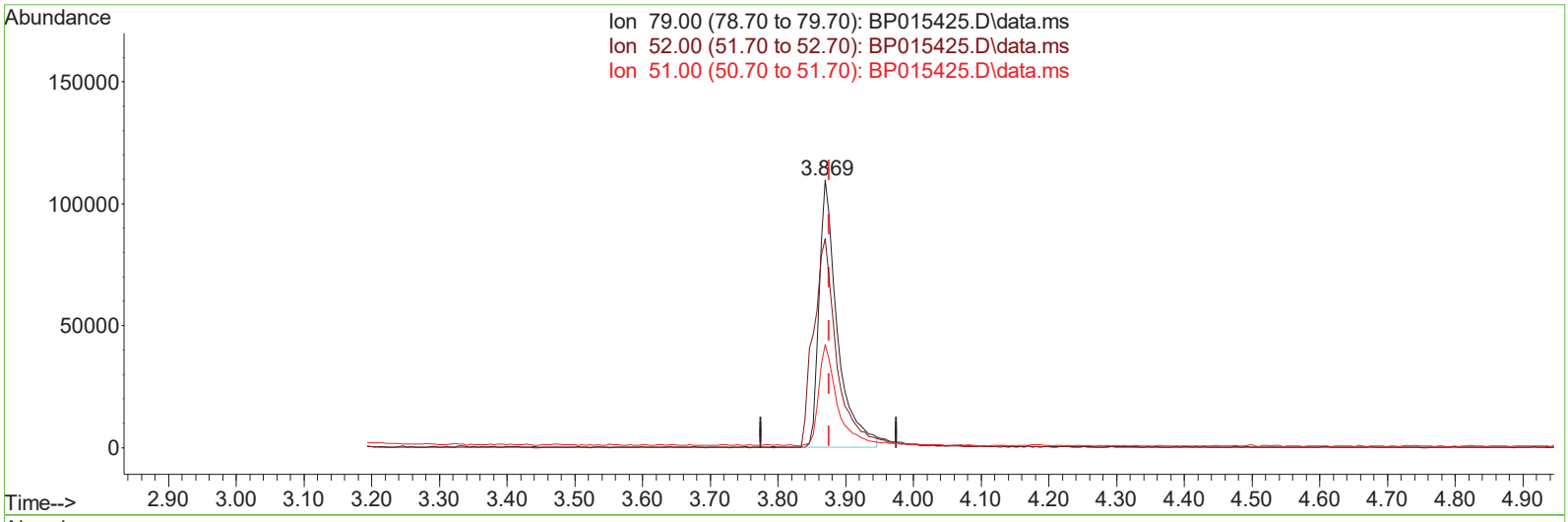
**response 91842**

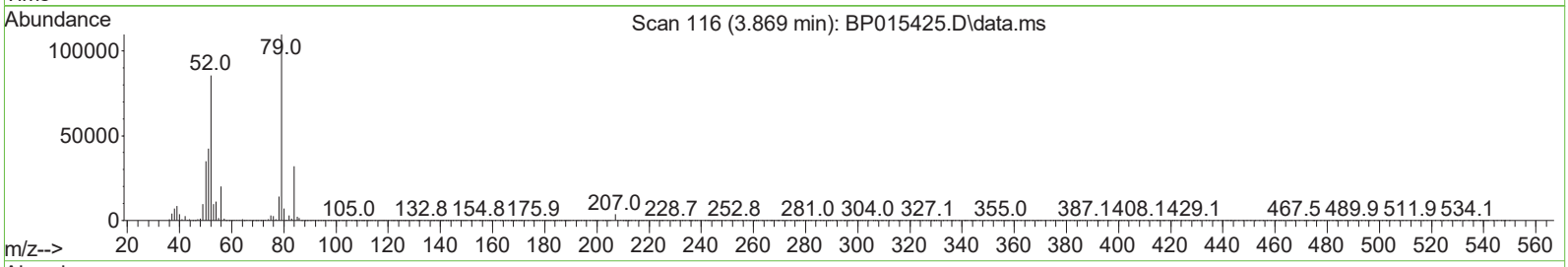
| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 96.60 | 92.82 |
| 106.00 | 91.60 | 87.30 |
| 0.00 | 0.00 | 0.00 |

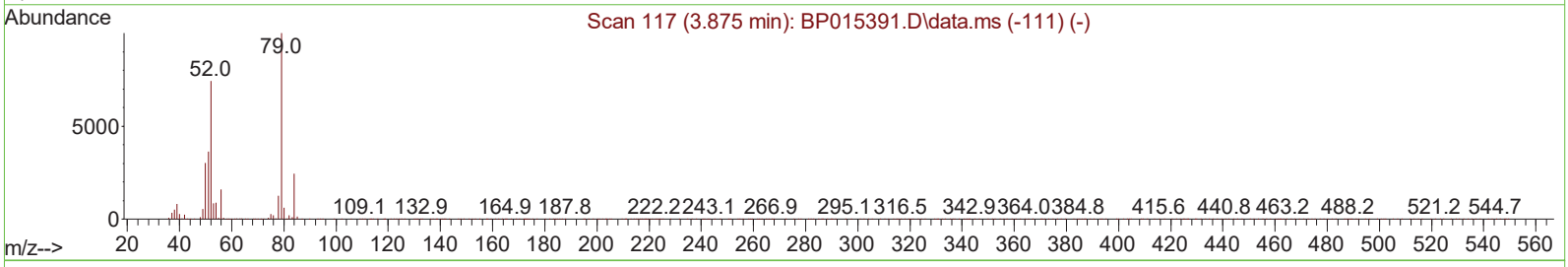
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015425.D
Acq On : 08 Jun 2023 06:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 08 06:53:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration




TIC: BP015425.D\data.ms

**(5) Pyridine**

**3.869min (-0.006) 21.20 ng/ul**

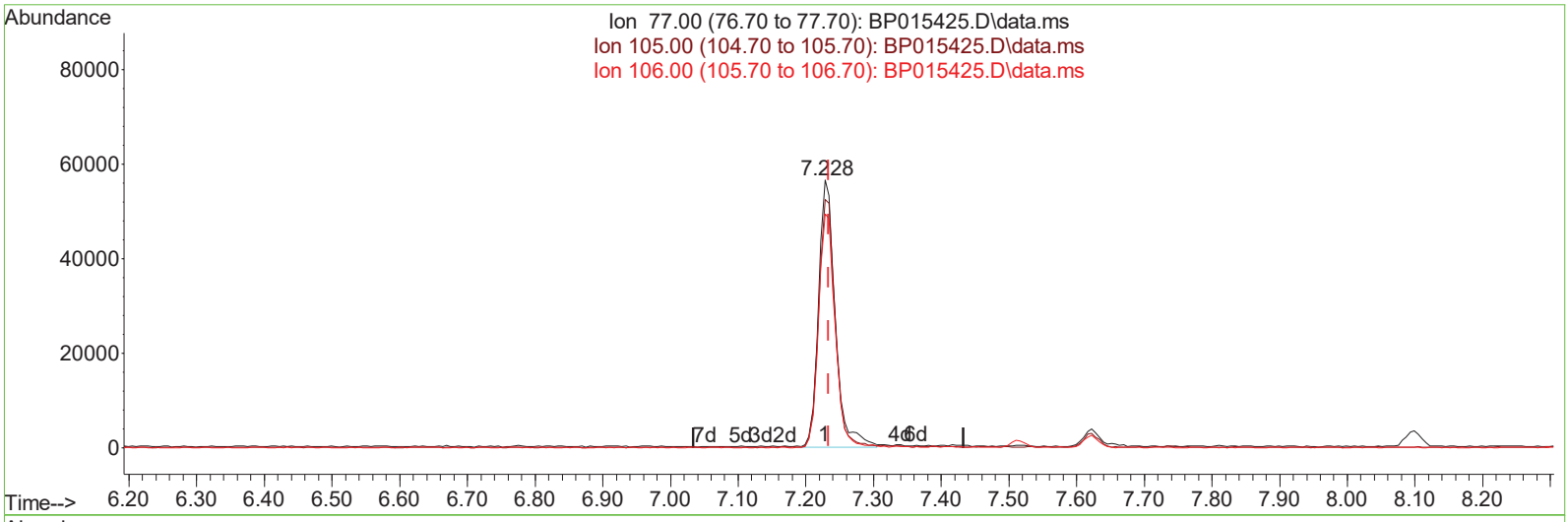
**response 206363**

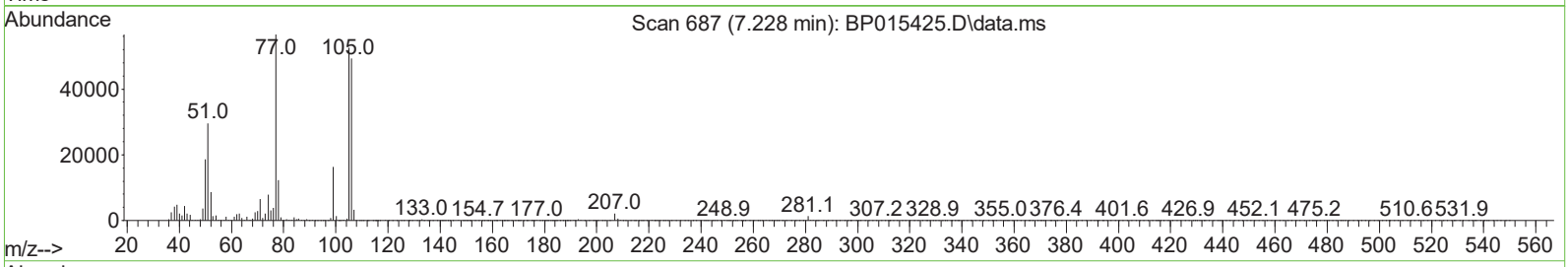
| Ion | Exp% | Act% |
|---|---|---|
| 79.00 | 100.00 | 100.00 |
| 52.00 | 74.40 | 78.06 |
| 51.00 | 37.20 | 38.54 |
| 0.00 | 0.00 | 0.00 |

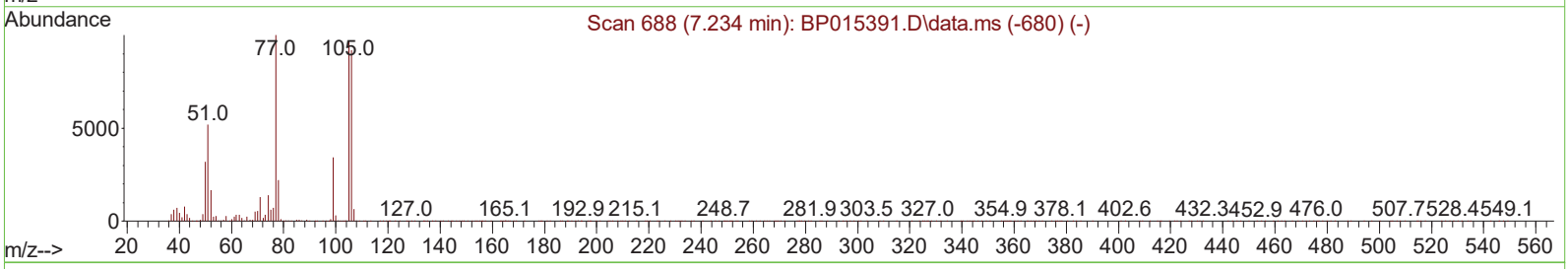
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015425.D
Acq On : 08 Jun 2023 06:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 08 06:53:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration




TIC: BP015425.D\data.ms

**(6) Benzaldehyde**

**7.228min (-0.006) 20.55 ng/ul m**

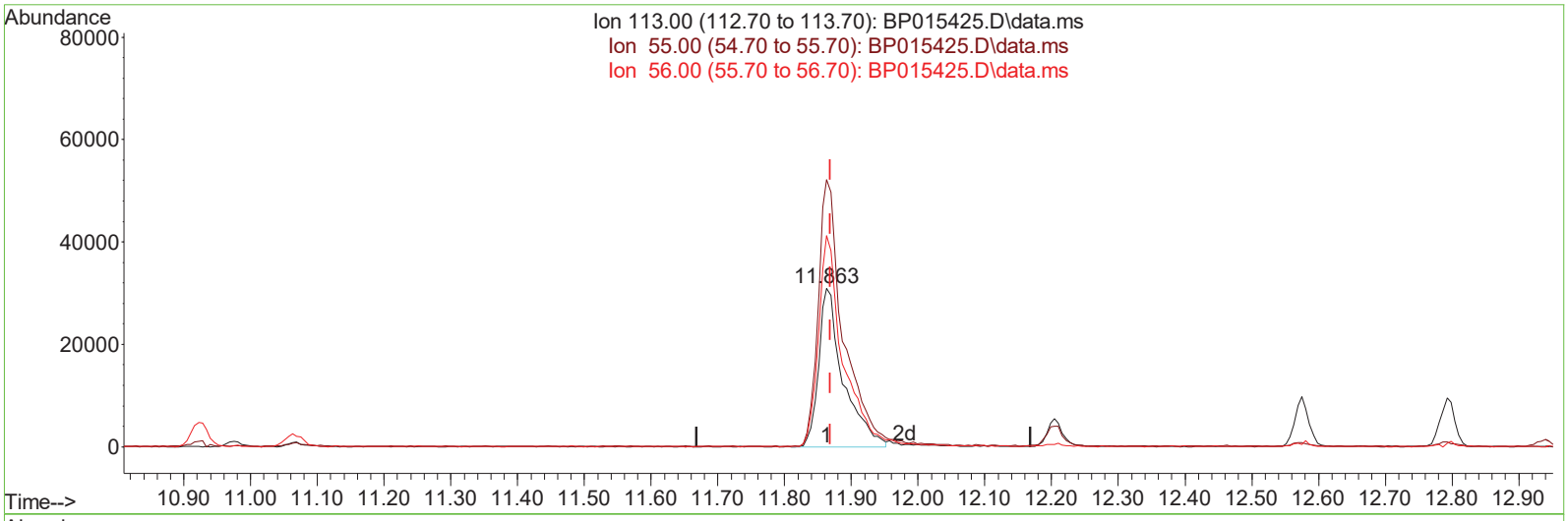
**response 96857**

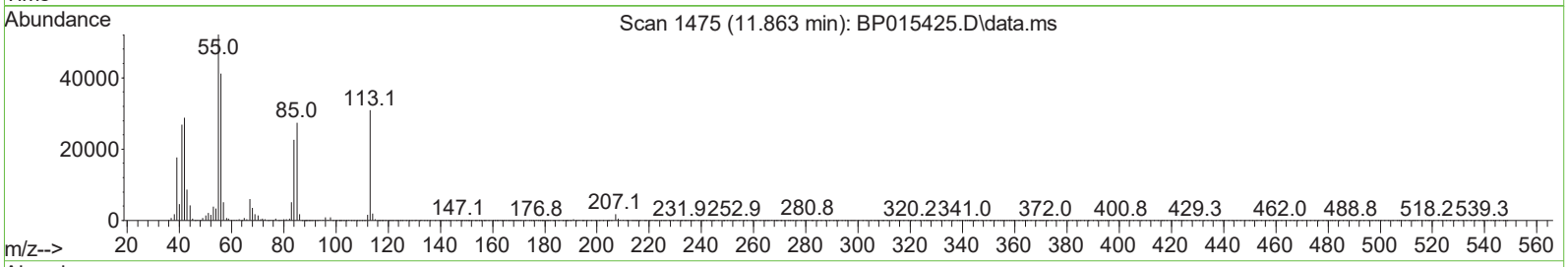
| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 96.60 | 92.82 |
| 106.00 | 91.60 | 87.30 |
| 0.00 | 0.00 | 0.00 |

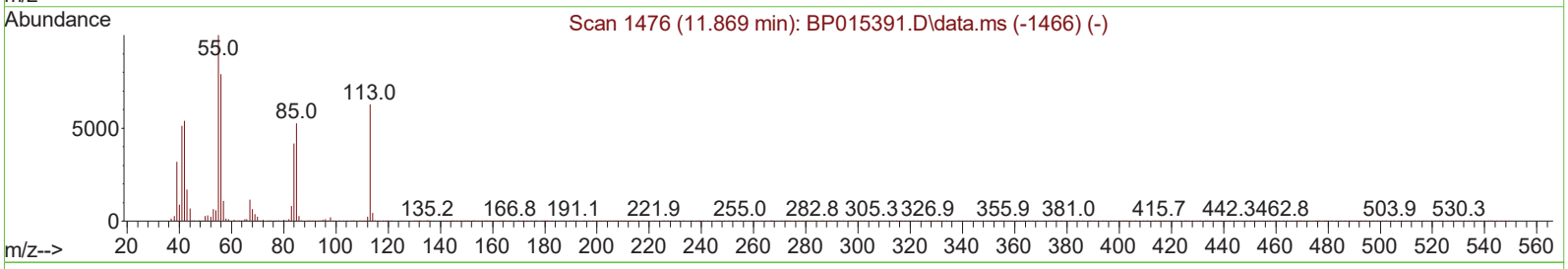
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015425.D
Acq On : 08 Jun 2023 06:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 08 06:53:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration




TIC: BP015425.D\data.ms

**(34) Caprolactam**

**11.863min (-0.006) 20.60 ng/ul**

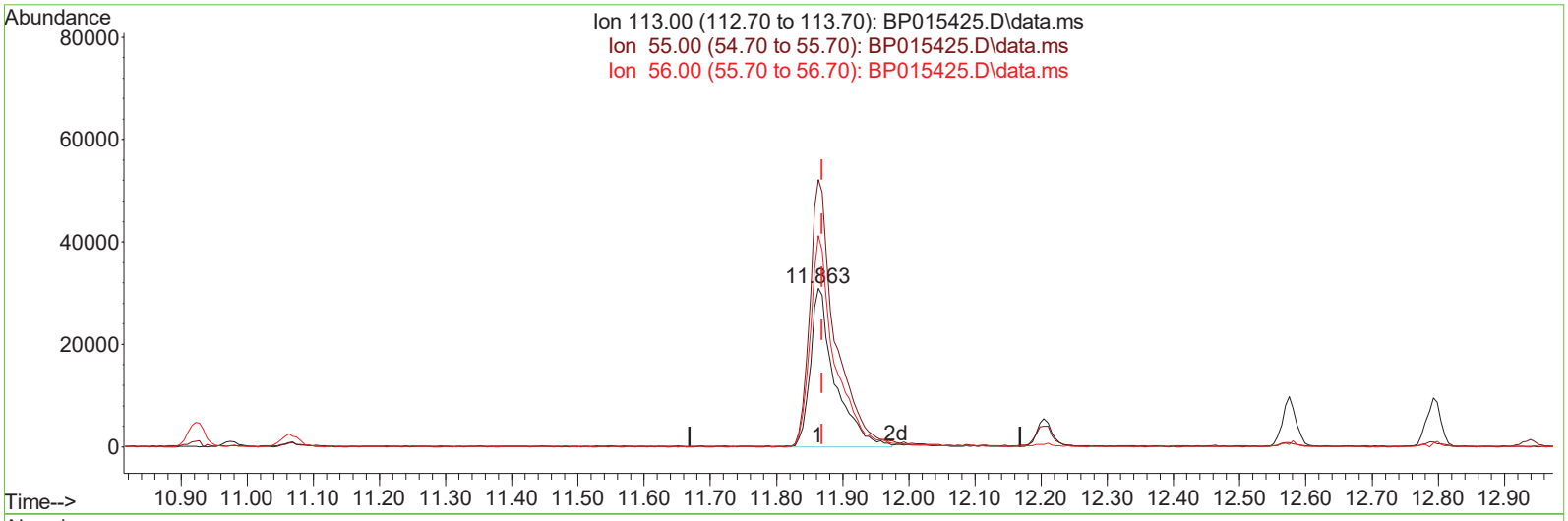
**response 78866**

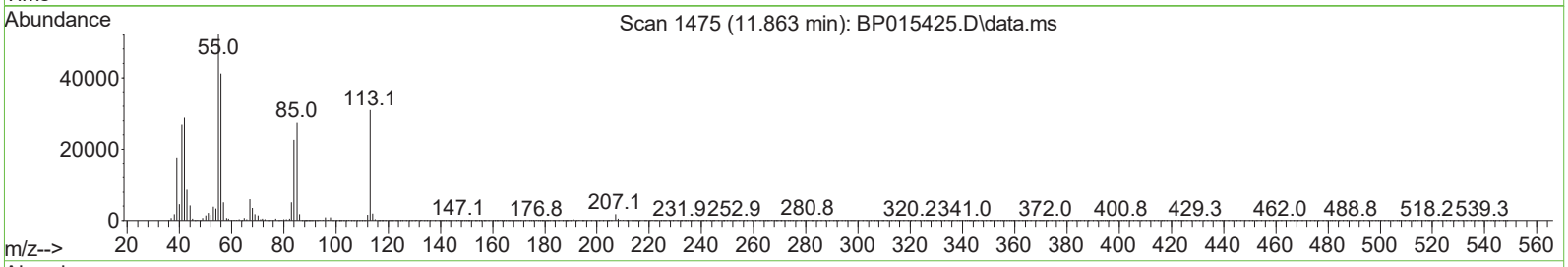
| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 159.90 | 168.42 |
| 56.00 | 126.40 | 133.26 |
| 0.00 | 0.00 | 0.00 |

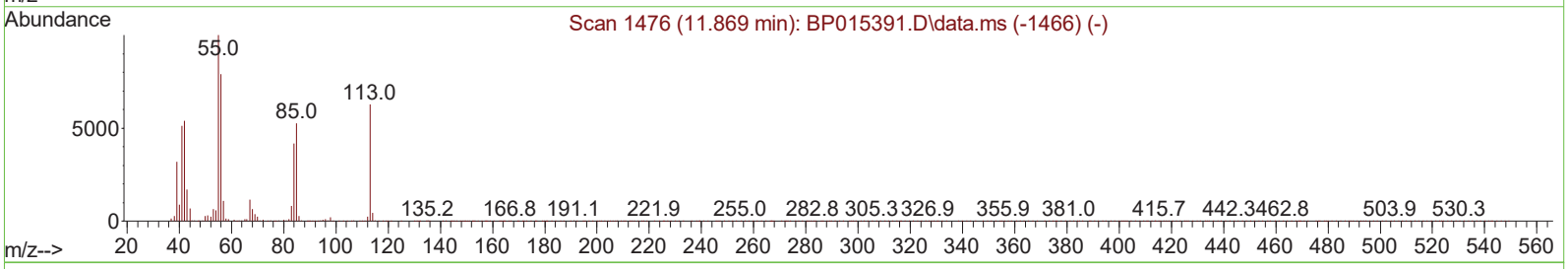
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015425.D
Acq On : 08 Jun 2023 06:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 08 06:53:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration




TIC: BP015425.D\data.ms

**(34) Caprolactam**

**11.863min (-0.006) 20.87 ng/ul m**

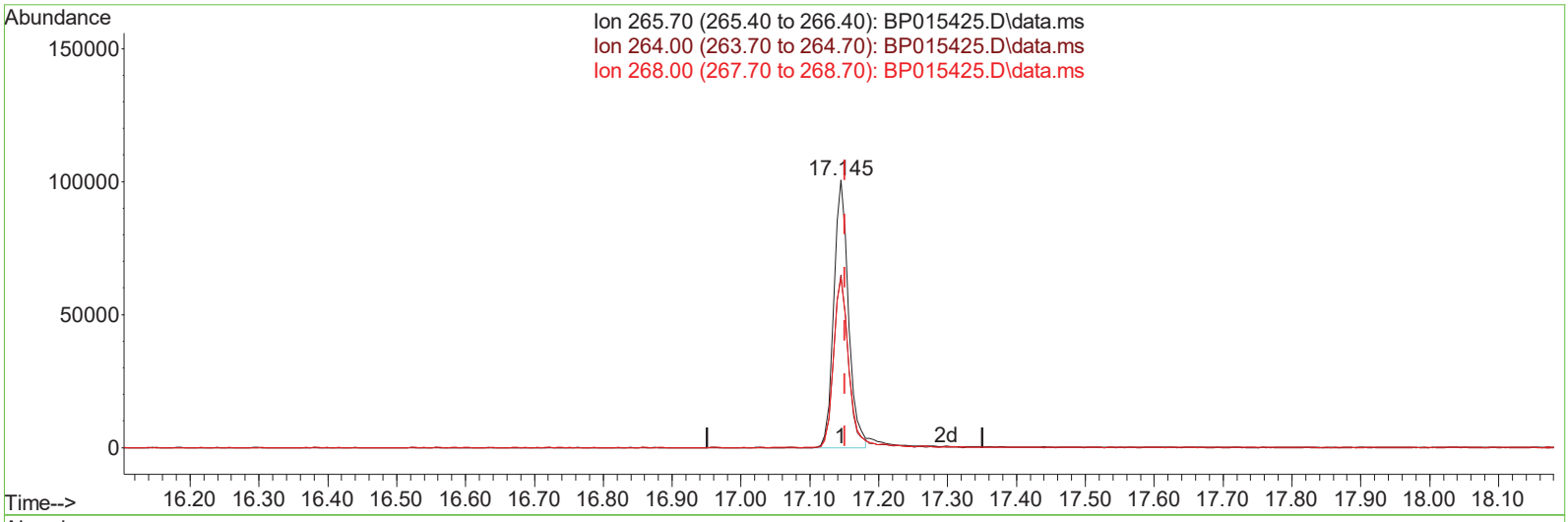
**response 79925**

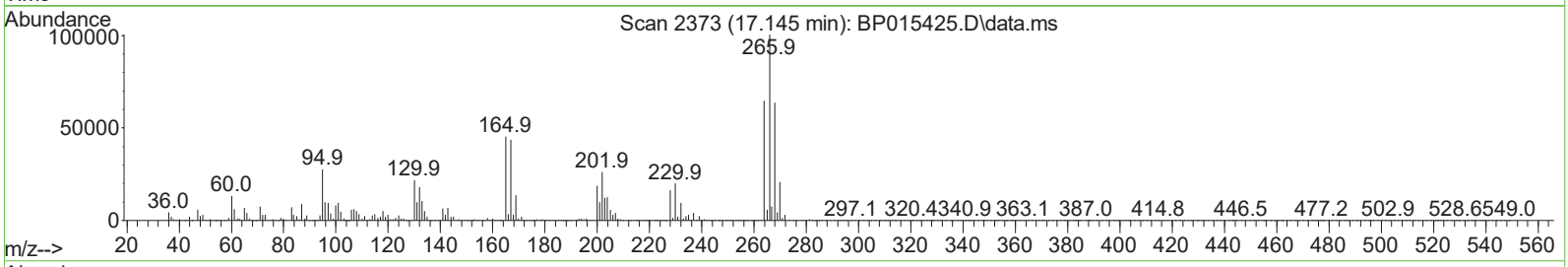
| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 159.90 | 168.42 |
| 56.00 | 126.40 | 133.26 |
| 0.00 | 0.00 | 0.00 |

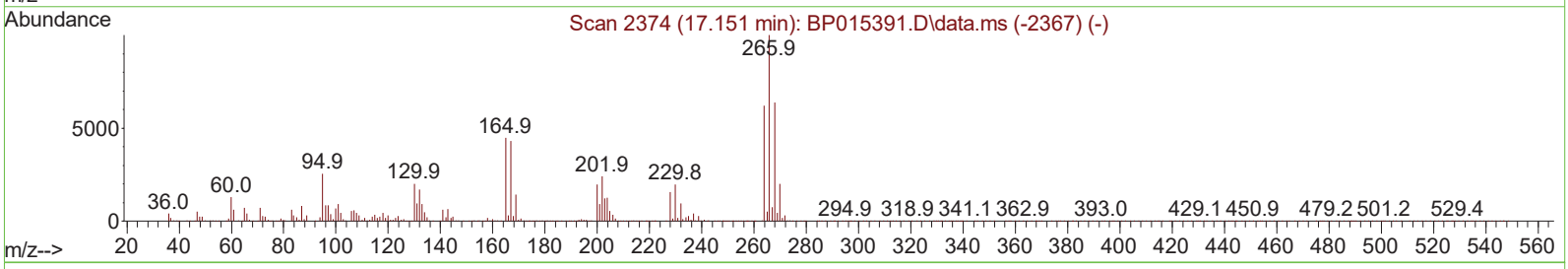
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015425.D
Acq On : 08 Jun 2023 06:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 08 06:55:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration




TIC: BP015425.D\data.ms

**(71) Pentachlorophenol (C)**

**17.145min (-0.006) 19.96 ng/ul**

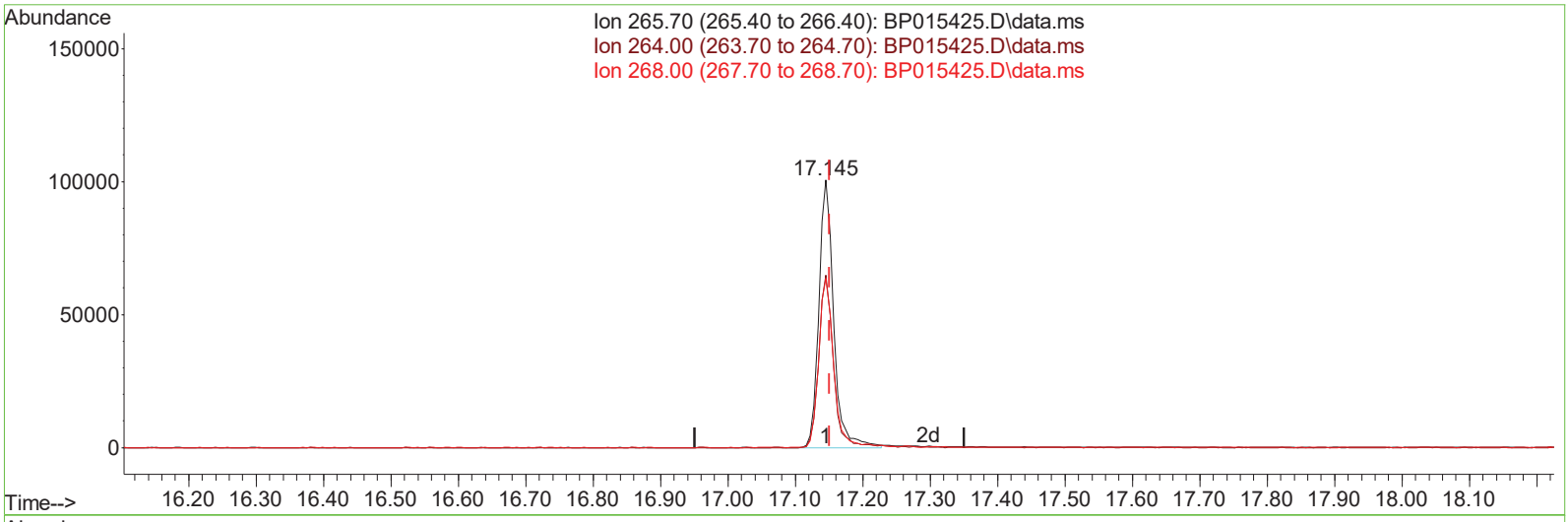
**response 147050**

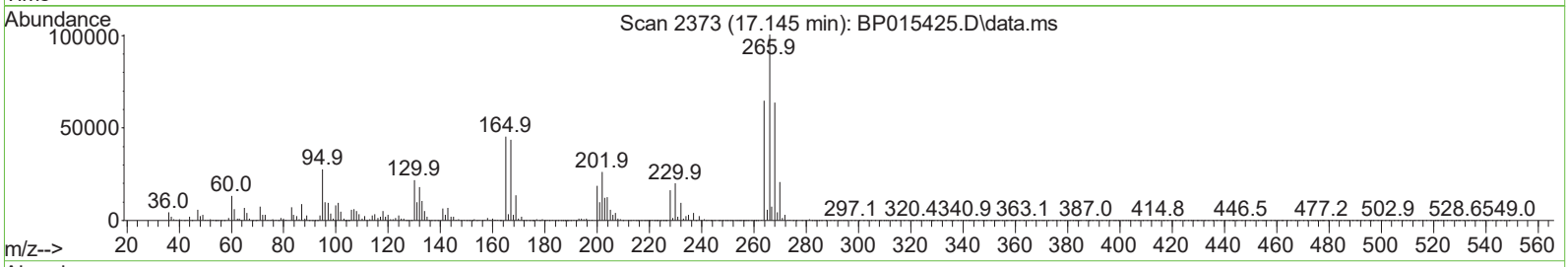
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 62.00 | 64.46 |
| 268.00 | 63.80 | 63.26 |
| 0.00 | 0.00 | 0.00 |

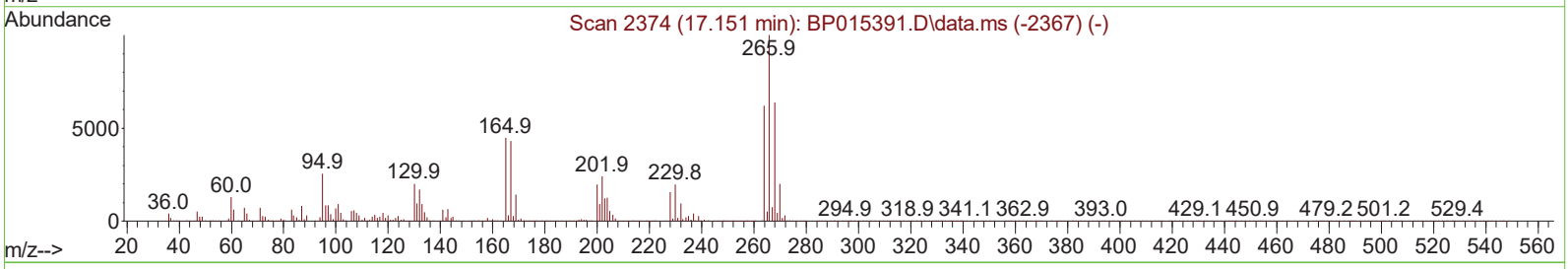
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015425.D
Acq On : 08 Jun 2023 06:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 08 06:55:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration




TIC: BP015425.D\data.ms

**(71) Pentachlorophenol (C)**

**17.145min (-0.006) 20.71 ng/ul m**

**response 152617**

| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 62.00 | 64.46 |
| 268.00 | 63.80 | 63.26 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015425.D
Acq On : 08 Jun 2023 06:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 08 06:56:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.099 | 152 | 133866 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.922 | 136 | 625516 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.739 | 164 | 436057 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.498 | 188 | 1032938 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.580 | 240 | 1039202 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.133 | 264 | 1168953 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.411 | 96 | 30169 | 8.345 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.852 | 84 | 193250 | 20.580 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.252 | 99 | 255200 | 20.693 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.416 | 67 | 157859 | 21.433 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.622 | 132 | 193827 | 21.677 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.810 | 113 | 215114 | 21.253 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.275 | 128 | 104759 | 21.332 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.999 | 143 | 122016 | 21.757 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.546 | 165 | 223113 | 21.809 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.063 | 131 | 317986 | 21.655 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.145 | 166 | 737284 | 21.442 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.434 | 160 | 810848 | 21.565 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.939 | 143 | 122048 | 19.820 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.734 | 176 | 621874 | 21.447 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.857 | 200 | 125119 | 19.120 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.598 | 188 | 1004912 | 21.382 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.816 | 212 | 1219884 | 21.933 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.962 | 264 | 1226683 | 20.914 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.446 | 88 | 32518 | 8.516 | ng/uL | 93 |
| 5) Pyridine | 3.869 | 79 | 206363 | 21.198 | ng/ul | 96 |
| 6) Benzaldehyde | 7.228 | 77 | 96857m | 20.547 | ng/ul | |
| 8) Phenol | 7.275 | 94 | 266284 | 20.929 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.510 | 93 | 213391 | 21.213 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.657 | 128 | 205182 | 21.719 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.546 | 108 | 209142 | 21.364 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.634 | 45 | 293523 | 22.019 | ng/ul | 99 |
| 16) Acetophenone | 8.934 | 105 | 359742 | 22.271 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.910 | 70 | 189876 | 21.779 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.875 | 108 | 233963 | 21.722 | ng/ul | 99 |
| 19) Hexachloroethane | 9.187 | 117 | 87917 | 22.023 | ng/ul | 99 |
| 22) Nitrobenzene | 9.316 | 77 | 284752 | 21.864 | ng/ul | 97 |
| 23) Isophorone | 9.846 | 82 | 557505 | 21.384 | ng/ul | 99 |
| 25) 2-Nitrophenol | 10.034 | 139 | 131753 | 21.759 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 10.087 | 107 | 279272 | 21.748 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.328 | 93 | 321522 | 21.213 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.569 | 162 | 224657 | 22.086 | ng/ul | 96 |
| 30) Naphthalene | 10.975 | 128 | 716290 | 21.132 | ng/ul | 100 |
| 32) 4-Chloroaniline | 11.093 | 127 | 329649 | 21.696 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.251 | 225 | 151677 | 22.111 | ng/ul | 97 |
| 34) Caprolactam | 11.863 | 113 | 79925m | 20.873 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.204 | 107 | 271612 | 22.039 | ng/ul | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015425.D
Acq On : 08 Jun 2023 06:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 08 06:56:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.575 | 142 | 512582 | 21.511 ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.793 | 142 | 518739 | 21.621 ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.940 | 216 | 293235 | 21.595 ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.910 | 237 | 118825 | 21.349 ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 13.181 | 196 | 200658 | 22.203 ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 13.251 | 196 | 217518 | 22.087 ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.575 | 154 | 720379 | 21.362 ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.622 | 162 | 568167 | 21.475 ng/ul | 98 |
| 45) 2-Nitroaniline | 13.828 | 65 | 185242 | 21.876 ng/ul | 96 |
| 47) Dimethylphthalate | 14.192 | 163 | 766901 | 21.601 ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.316 | 165 | 158152 | 21.743 ng/ul | 96 |
| 50) Acenaphthylene | 14.463 | 152 | 891501 | 21.411 ng/ul | 99 |
| 51) 3-Nitroaniline | 14.651 | 138 | 121660 | 20.261 ng/ul | 99 |
| 52) Acenaphthene | 14.804 | 153 | 617692 | 21.461 ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.863 | 184 | 70684 | 16.154 ng/ul | 99 |
| 55) 4-Nitrophenol | 14.957 | 109 | 123867 | 20.855 ng/ul | 91 |
| 56) Dibenzofuran | 15.139 | 168 | 883361 | 21.654 ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 15.110 | 165 | 234332 | 21.904 ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.363 | 232 | 198220 | 22.292 ng/ul# | 99 |
| 59) Diethylphthalate | 15.551 | 149 | 793717 | 21.813 ng/ul | 99 |
| 61) Fluorene | 15.786 | 166 | 719571 | 21.638 ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.775 | 204 | 363236 | 21.673 ng/ul | 98 |
| 63) 4-Nitroaniline | 15.816 | 138 | 111092 | 19.505 ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.875 | 198 | 131129 | 19.648 ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.992 | 169 | 626784 | 21.389 ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.675 | 248 | 237150 | 21.460 ng/ul | 99 |
| 69) Hexachlorobenzene | 16.798 | 284 | 283249 | 21.729 ng/ul | 98 |
| 70) Atrazine | 16.945 | 200 | 255920 | 21.870 ng/ul | 99 |
| 71) Pentachlorophenol | 17.145 | 266 | 152617m | 20.714 ng/ul | |
| 72) Phenanthrene | 17.539 | 178 | 1187965 | 21.431 ng/ul | 100 |
| 74) Anthracene | 17.633 | 178 | 1215214 | 21.607 ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.545 | 216 | 308029 | 21.607 ng/uL | 98 |
| 76) Pentachlorobenzene | 15.057 | 250 | 319192 | 21.385 ng/uL | 98 |
| 77) Carbazole | 17.898 | 167 | 1103652 | 21.793 ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.427 | 149 | 1424044 | 22.163 ng/ul | 99 |
| 80) Fluoranthene | 19.492 | 202 | 1480841 | 21.857 ng/ul | 99 |
| 82) Pyrene | 19.845 | 202 | 1525828 | 21.769 ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.698 | 149 | 699769 | 22.588 ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.486 | 252 | 487620 | 19.861 ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.563 | 228 | 1567131 | 21.572 ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.457 | 149 | 1059183 | 23.131 ng/ul | 99 |
| 87) Chrysene | 21.616 | 228 | 1470526 | 21.415 ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.427 | 149 | 1850917 | 24.092 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.345 | 252 | 1613726 | 21.386 ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.392 | 252 | 1572448 | 21.558 ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.015 | 252 | 1380522 | 20.985 ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.827 | 276 | 1631849 | 19.167 ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.845 | 278 | 1358573 | 19.586 ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.668 | 276 | 1309269 | 18.660 ng/ul | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015425.D
Acq On : 08 Jun 2023 06:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 08 06:56:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration