Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042910.D
Acq On : 19 Nov 2023 18:01
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 79 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020154

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 22:51:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.810 | 152 | 41267 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.622 | 136 | 162901 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.468 | 164 | 103566 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.221 | 188 | 236524 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.409 | 240 | 269124 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.762 | 264 | 298347 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.169 | 96 | 9958 | 7.572 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.604 | 84 | 66421 | 20.304 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.975 | 99 | 76218 | 18.977 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.157 | 67 | 59201 | 20.977 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.334 | 132 | 56392 | 18.197 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.534 | 113 | 56973 | 18.016 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.016 | 128 | 25380 | 17.770 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.722 | 143 | 28803 | 17.239 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.245 | 165 | 58798 | 18.927 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.798 | 131 | 69231 | 17.552 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.892 | 166 | 178146 | 18.175 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.169 | 160 | 198952 | 18.970 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.716 | 143 | 15478 | 13.977 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.463 | 176 | 151908 | 18.715 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.610 | 200 | 27817 | 15.526 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.321 | 188 | 236460 | 17.839 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.621 | 212 | 307977 | 17.476 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.609 | 264 | 333520 | 18.689 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.204 | 88 | 11089 | 7.918 | ng/uL | 86 |
| 5) Pyridine | 3.622 | 79 | 68952 | 19.383 | ng/ul | 91 |
| 6) Benzaldehyde | 6.975 | 77 | 52708 | 22.873 | ng/ul | 95 |
| 8) Phenol | 7.004 | 94 | 74867 | 18.740 | ng/ul | 92 |
| 10) Bis(2-Chloroethyl)ether | 7.251 | 93 | 63208 | 19.154 | ng/ul | 91 |
| 12) 2-Chlorophenol | 7.363 | 128 | 57573 | 18.667 | ng/ul | 91 |
| 13) 2-Methylphenol | 8.263 | 108 | 54724 | 18.369 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.322 | 45 | 129031m | 21.479 | ng/ul | |
| 16) Acetophenone | 8.663 | 105 | 93154 | 17.519 | ng/ul | 89 |
| 17) N-Nitroso-di-n-propyla... | 8.634 | 70 | 59915 | 18.510 | ng/ul# | 92 |
| 18) 4-Methylphenol | 8.598 | 108 | 58430 | 18.040 | ng/ul | 95 |
| 19) Hexachloroethane | 8.863 | 117 | 34222 | 19.908 | ng/ul | 89 |
| 22) Nitrobenzene | 9.057 | 77 | 89546 | 20.744 | ng/ul | 94 |
| 23) Isophorone | 9.563 | 82 | 157891 | 18.365 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.757 | 139 | 30884 | 18.194 | ng/ul | 92 |
| 26) 2,4-Dimethylphenol | 9.798 | 107 | 65817 | 18.122 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.051 | 93 | 85932 | 19.780 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.275 | 162 | 55592 | 18.900 | ng/ul | 97 |
| 30) Naphthalene | 10.675 | 128 | 188637 | 18.484 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.822 | 127 | 67536 | 17.847 | ng/ul | 94 |
| 33) Hexachlorobutadiene | 10.892 | 225 | 49081 | 18.891 | ng/ul | 96 |
| 34) Caprolactam | 11.645 | 113 | 13779m | 15.800 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.933 | 107 | 56267 | 17.853 | ng/ul | 97 |
| 36) 2-Methylnaphthalene | 12.286 | 142 | 123260 | 18.021 | ng/ul | 98 |

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Sample : SSTDCCC020
Misc :
ALS Vial : 79 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020154

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 22:51:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.504 | 142 | 128276 | 17.837 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.639 | 216 | 83343 | 20.519 | ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 12.574 | 237 | 34155 | 17.762 | ng/ul | 92 |
| 41) 2,4,6-Trichlorophenol | 12.904 | 196 | 46907 | 18.907 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.980 | 196 | 44541 | 18.593 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.304 | 154 | 171173 | 19.819 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.351 | 162 | 135100 | 19.444 | ng/ul | 97 |
| 45) 2-Nitroaniline | 13.604 | 65 | 48054 | 21.206 | ng/ul | 91 |
| 47) Dimethylphthalate | 13.939 | 163 | 173814 | 18.206 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.092 | 165 | 31574 | 17.604 | ng/ul | 92 |
| 50) Acenaphthylene | 14.198 | 152 | 223837 | 19.048 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.439 | 138 | 25588 | 17.447 | ng/ul | 99 |
| 52) Acenaphthene | 14.533 | 153 | 149613 | 18.825 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.651 | 184 | 10984 | 12.316 | ng/ul | 88 |
| 55) 4-Nitrophenol | 14.733 | 109 | 31080m | 17.835 | ng/ul | |
| 56) Dibenzofuran | 14.868 | 168 | 207358 | 18.798 | ng/ul | 96 |
| 57) 2,4-Dinitrotoluene | 14.880 | 165 | 47250 | 17.944 | ng/ul | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.092 | 232 | 46734 | 18.793 | ng/ul | 94 |
| 59) Diethylphthalate | 15.286 | 149 | 180397 | 18.020 | ng/ul | 98 |
| 61) Fluorene | 15.515 | 166 | 179271 | 19.142 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.510 | 204 | 97737 | 19.364 | ng/ul | 100 |
| 63) 4-Nitroaniline | 15.604 | 138 | 24443 | 18.281 | ng/ul | 90 |
| 66) 4,6-Dinitro-2-methylph... | 15.627 | 198 | 28384 | 15.562 | ng/ul# | 86 |
| 67) N-Nitrosodiphenylamine | 15.739 | 169 | 136598 | 18.414 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.410 | 248 | 57130 | 18.146 | ng/ul | 90 |
| 69) Hexachlorobenzene | 16.486 | 284 | 70581 | 18.339 | ng/ul | 98 |
| 70) Atrazine | 16.692 | 200 | 51470 | 18.013 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.857 | 266 | 35873 | 16.186 | ng/ul | 98 |
| 72) Phenanthrene | 17.262 | 178 | 271061 | 18.344 | ng/ul | 98 |
| 74) Anthracene | 17.357 | 178 | 276616 | 18.611 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.257 | 216 | 83204 | 19.894 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.763 | 250 | 83399 | 19.005 | ng/uL | 99 |
| 77) Carbazole | 17.651 | 167 | 213676 | 17.411 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.168 | 149 | 313628 | 17.476 | ng/ul | 98 |
| 80) Fluoranthene | 19.280 | 202 | 339461 | 16.894 | ng/ul | 98 |
| 82) Pyrene | 19.650 | 202 | 368370 | 17.290 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.533 | 149 | 145333 | 15.970 | ng/ul | 94 |
| 84) 3,3'-Dichlorobenzidine | 21.339 | 252 | 105558 | 15.325 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.392 | 228 | 390701 | 18.494 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.274 | 149 | 217200 | 15.731 | ng/ul | 98 |
| 87) Chrysene | 21.444 | 228 | 369749 | 18.047 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.186 | 149 | 384230 | 15.943 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.038 | 252 | 388730 | 19.092 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.086 | 252 | 404845 | 18.679 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.662 | 252 | 375749 | 18.939 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.221 | 276 | 466012 | 18.900 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.232 | 278 | 383273 | 18.749 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 26.985 | 276 | 367651 | 18.777 | ng/ul | 99 |

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

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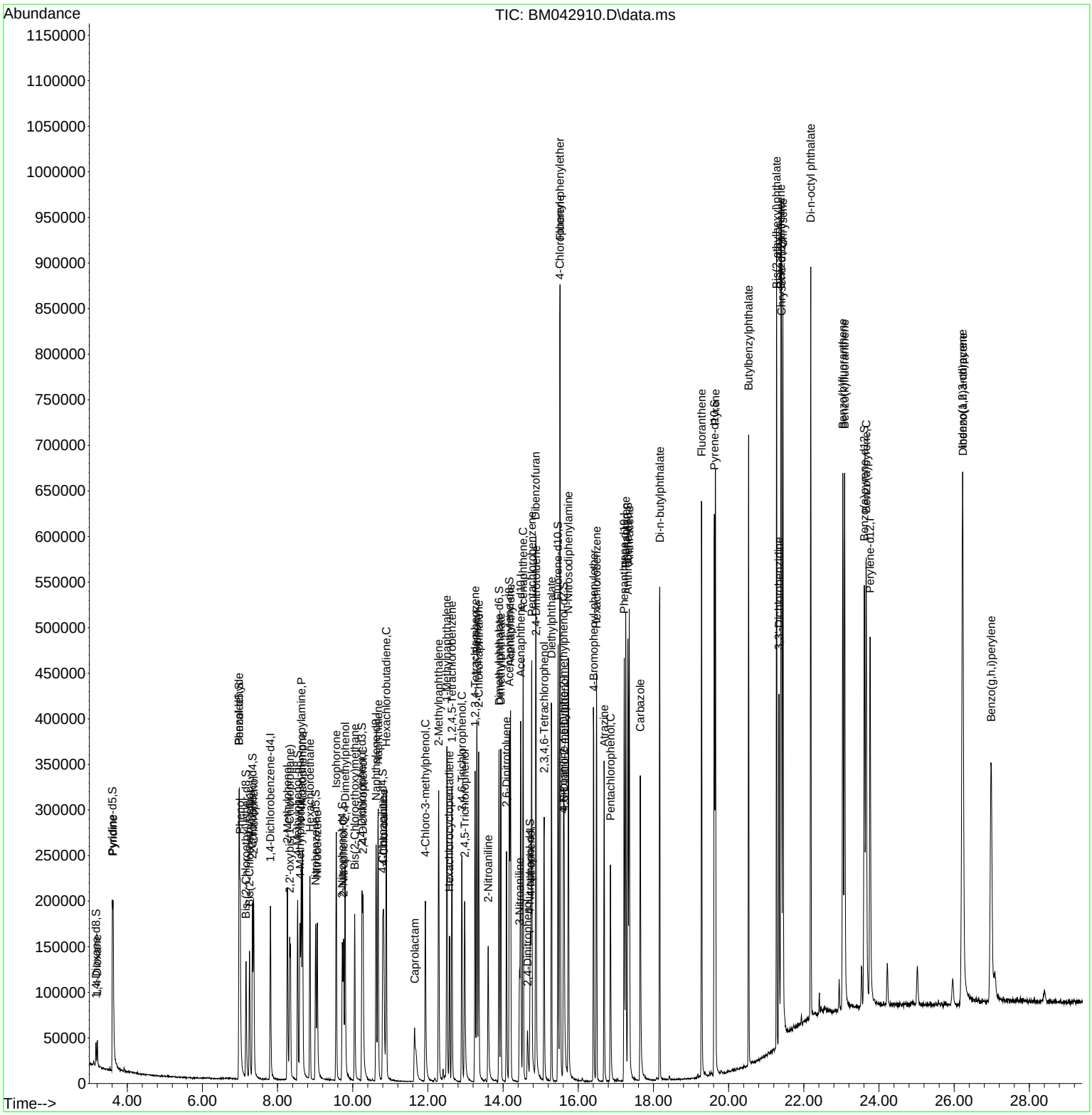
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Nov 19 22:51:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020154

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042910.D
Acq On : 19 Nov 2023 18:01
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Nov 19 21:50:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020154

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/20/2023
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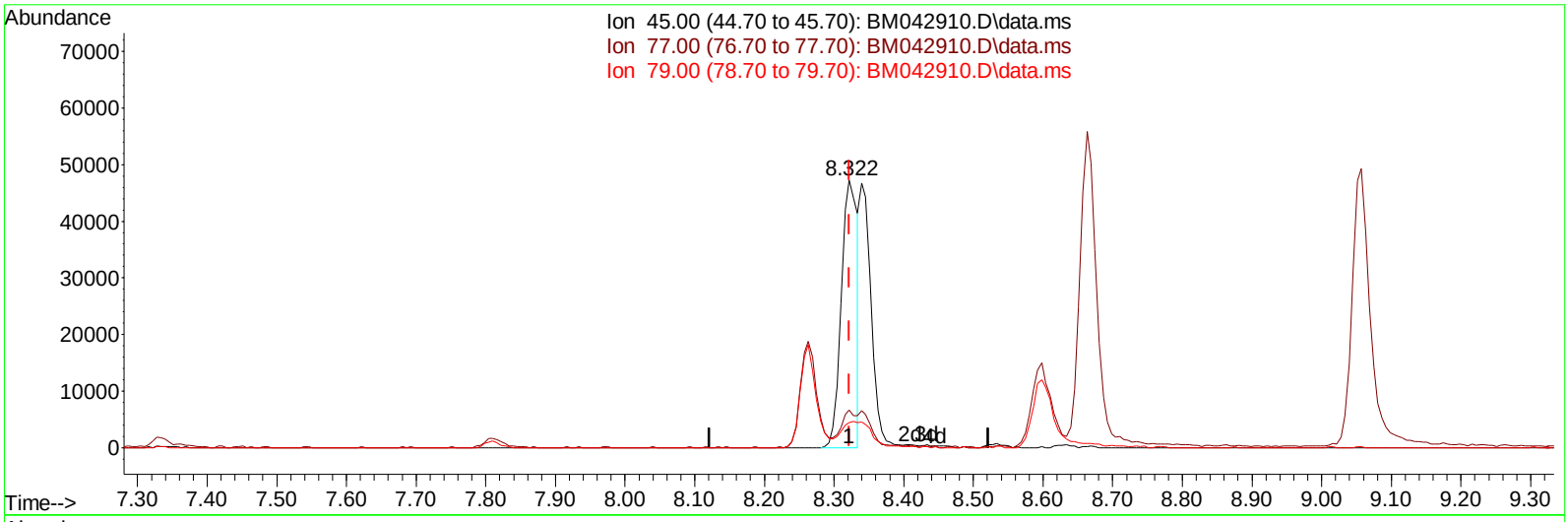


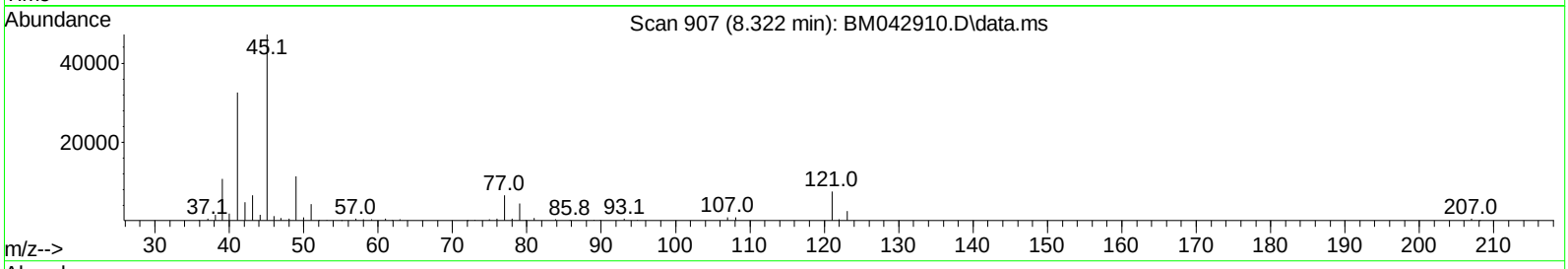


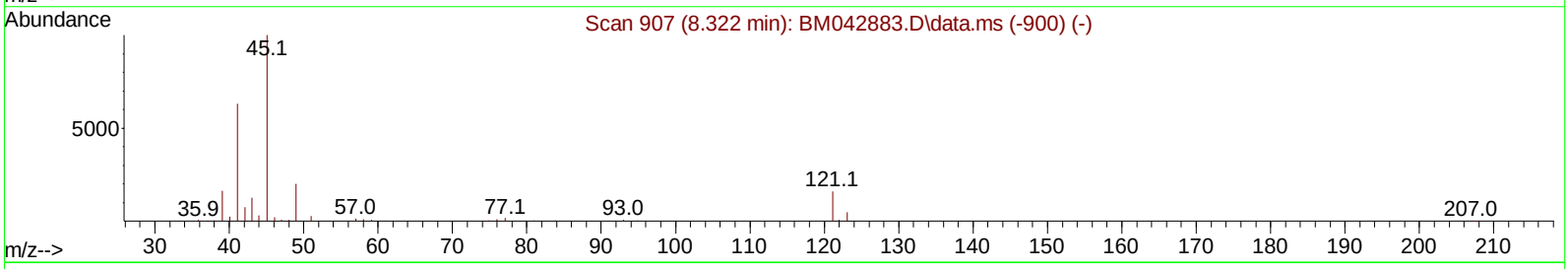


TIC: BM042910.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.322min (+ 0.000) 12.67 ng/ul**

**response 76116**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.20 | 14.01 |
| 79.00 | 10.20 | 9.46 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042910.D
Acq On : 19 Nov 2023 18:01
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Nov 19 21:50:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020154

**Manual Integrations APPROVED**

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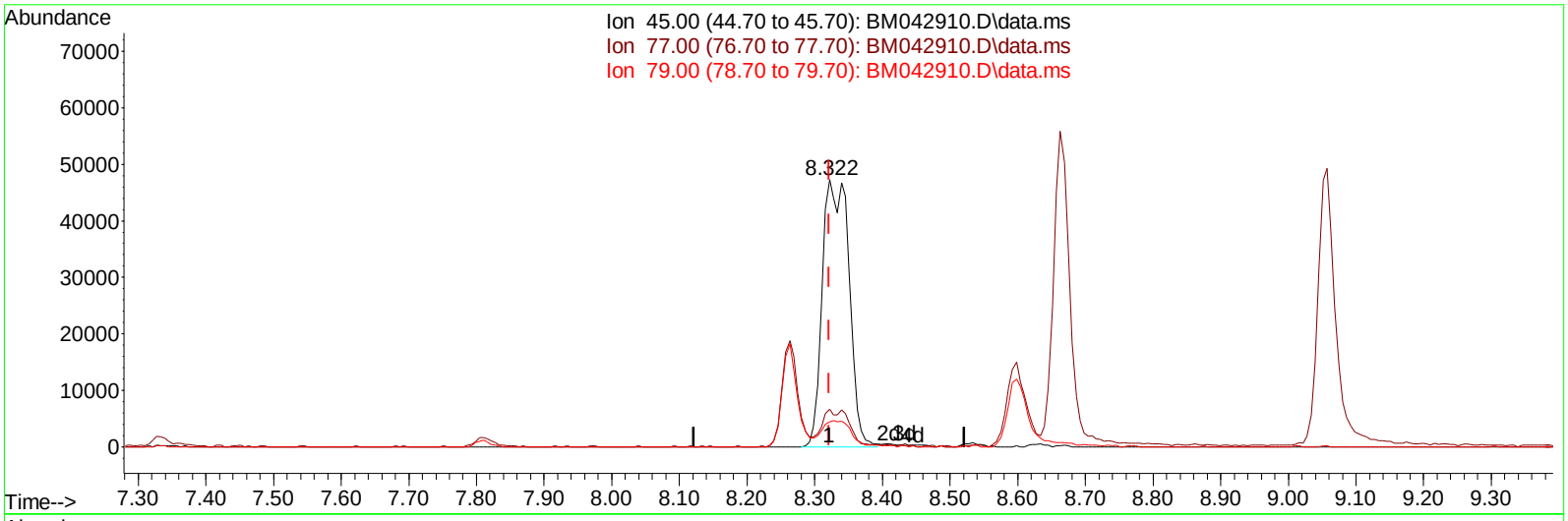


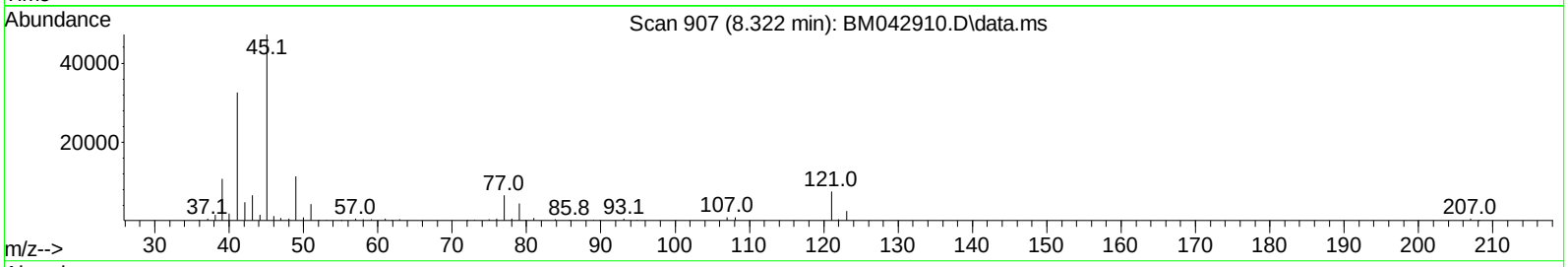


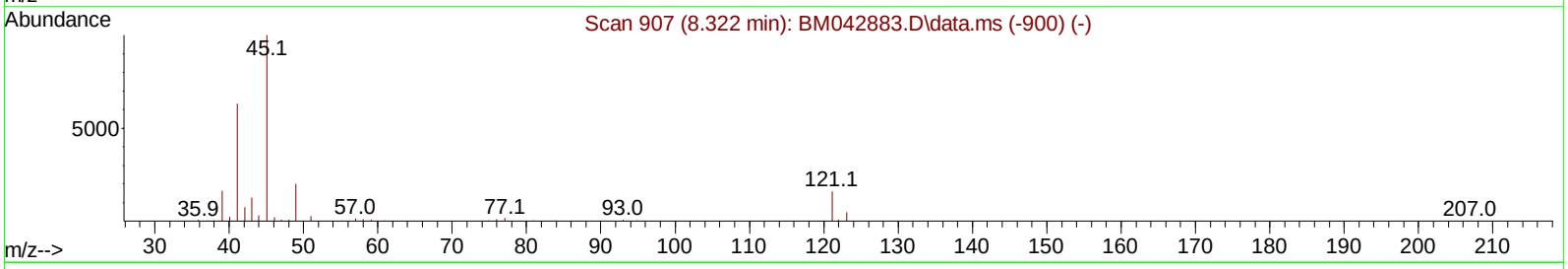


TIC: BM042910.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.322min (+ 0.000) 21.48 ng/ul m**

**response 129031**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.20 | 14.01 |
| 79.00 | 10.20 | 9.46 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042910.D
Acq On : 19 Nov 2023 18:01
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Nov 19 22:49:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020154

**Manual Integrations APPROVED**
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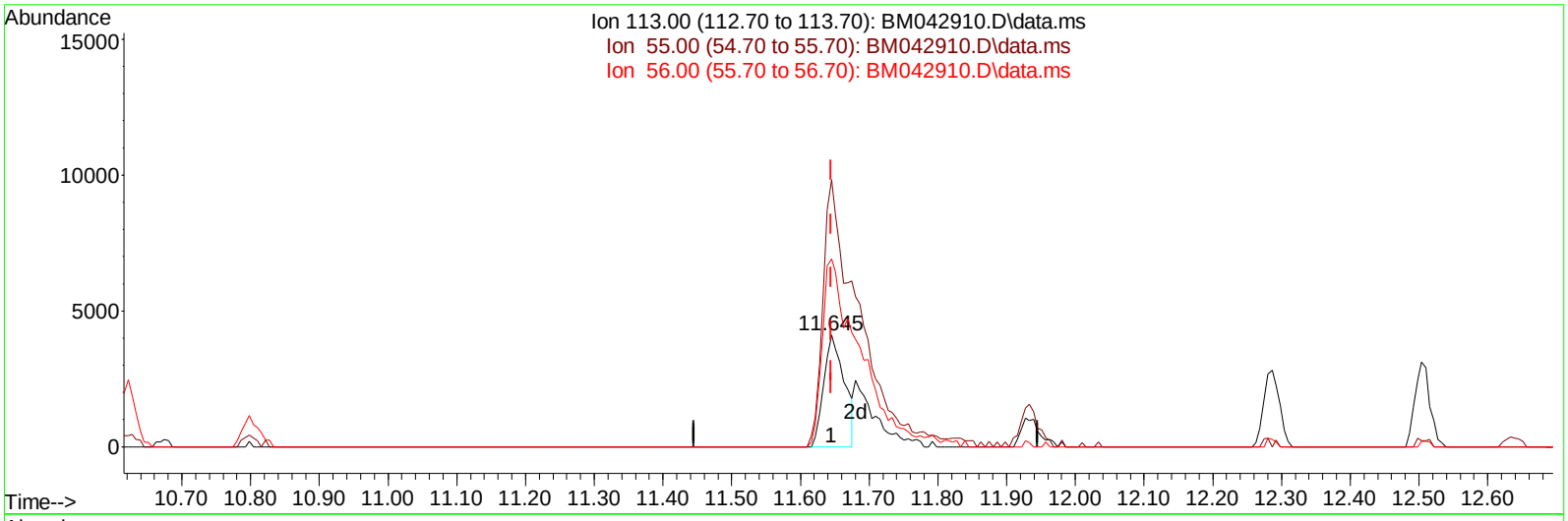


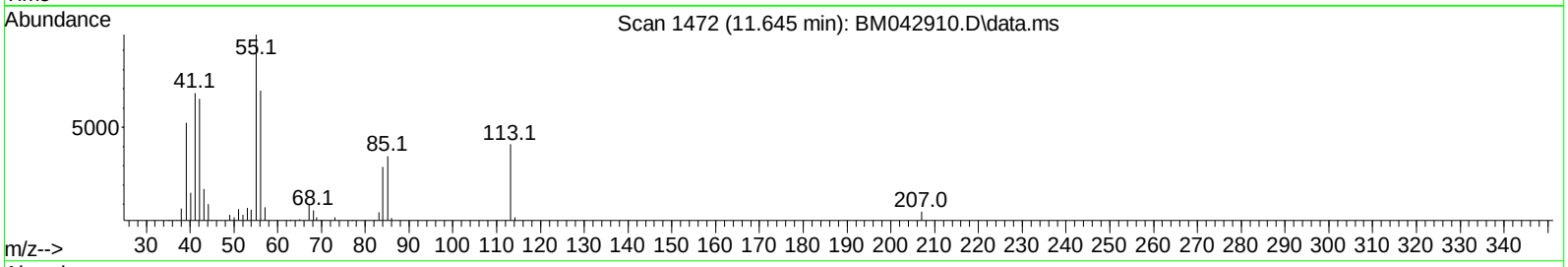


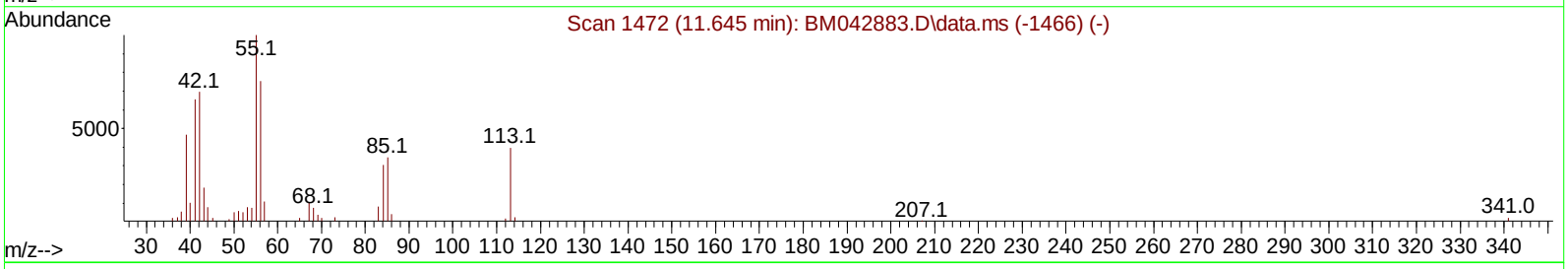


TIC: BM042910.D\data.ms

**(34) Caprolactam**

**11.645min (+ 0.000) 9.81 ng/ul**

**response 8556**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 230.20 | 238.88 |
| 56.00 | 167.90 | 168.34 |
| 0.00 | 0.00 | 0.00 |

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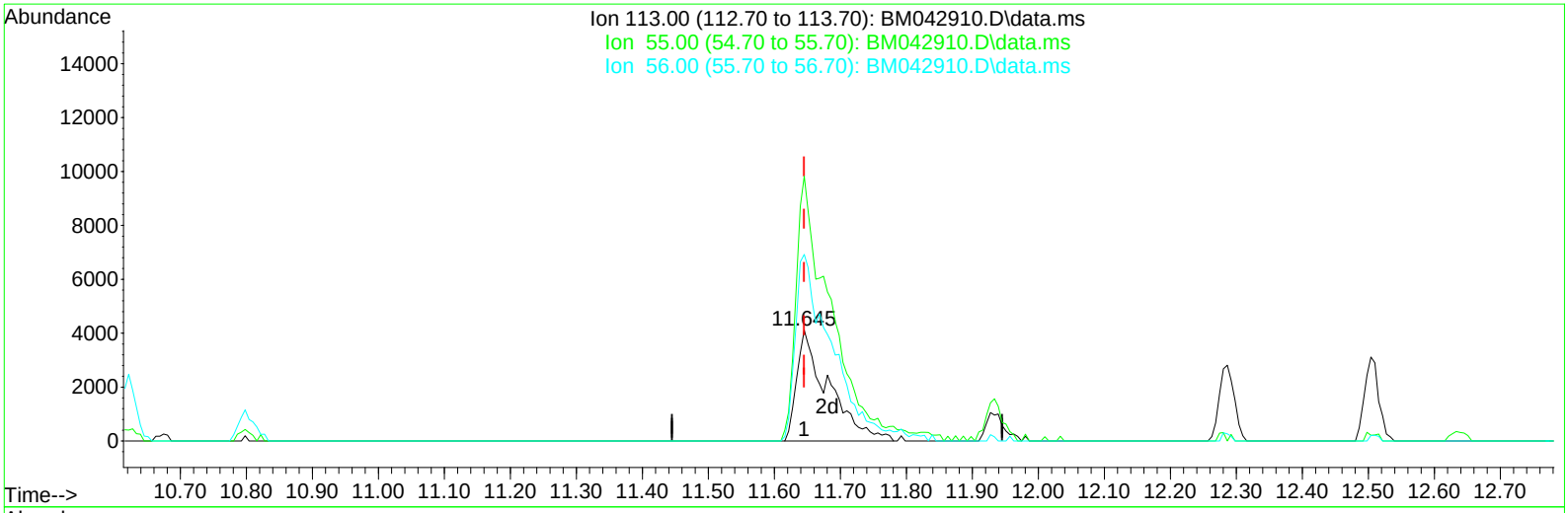


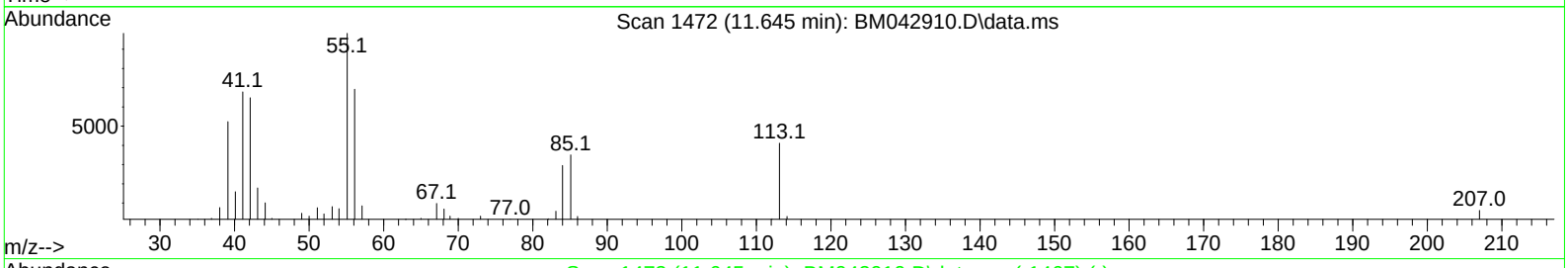


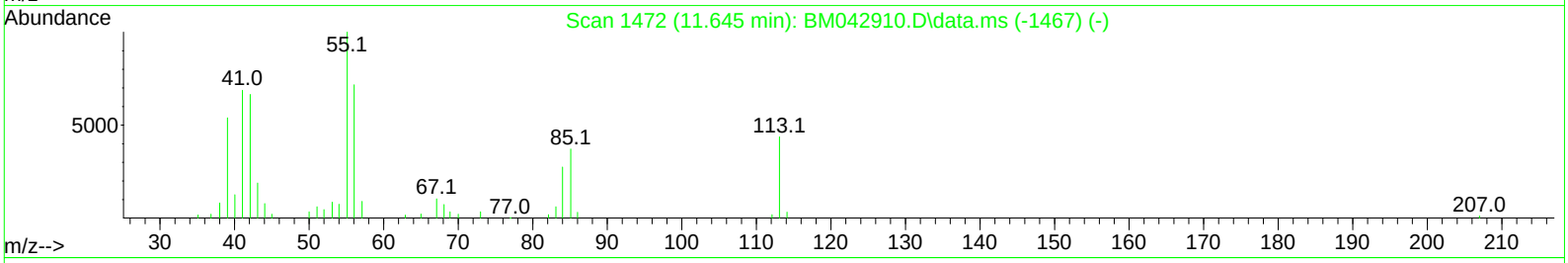


TIC: BM042910.D\data.ms

**(34) Caprolactam**

**11.645min (+ 0.000) 15.80 ng/ul m**

**response 13779**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 230.20 | 238.88 |
| 56.00 | 167.90 | 168.34 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 19 Nov 2023 18:01
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Misc :
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Quant Time: Nov 19 22:50:36 2023
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QLast Update : Sat Nov 18 22:06:09 2023
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**Instrument :**
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**ClientSampleId :**
SSTD020154

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/20/2023
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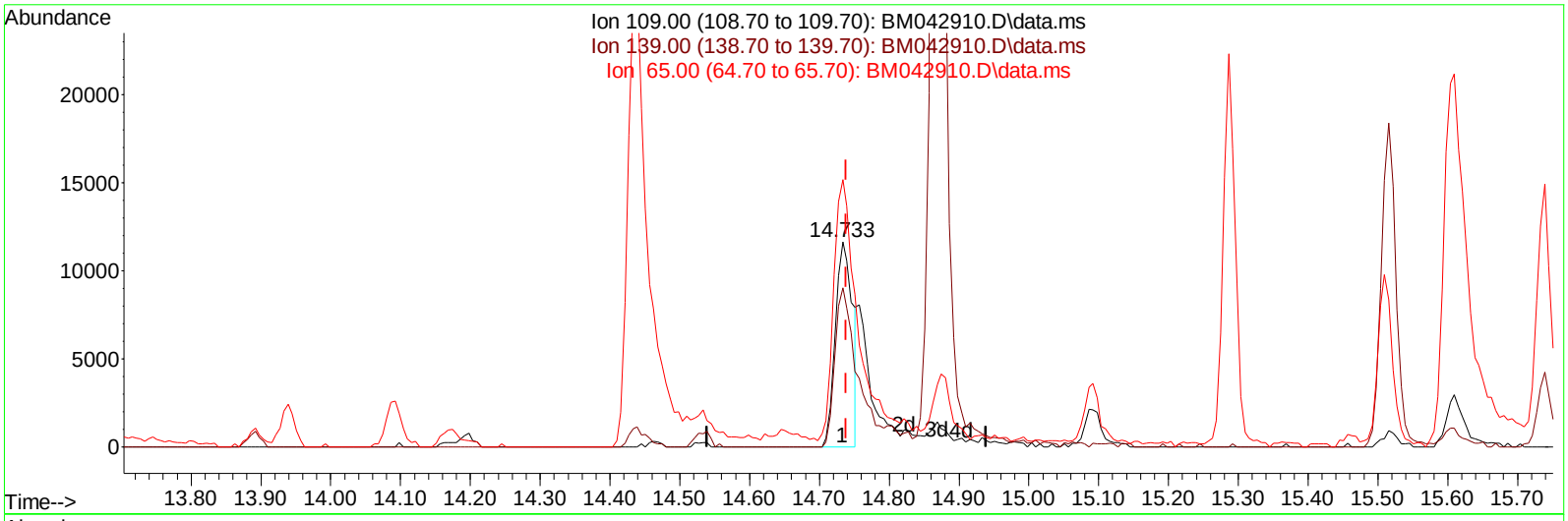
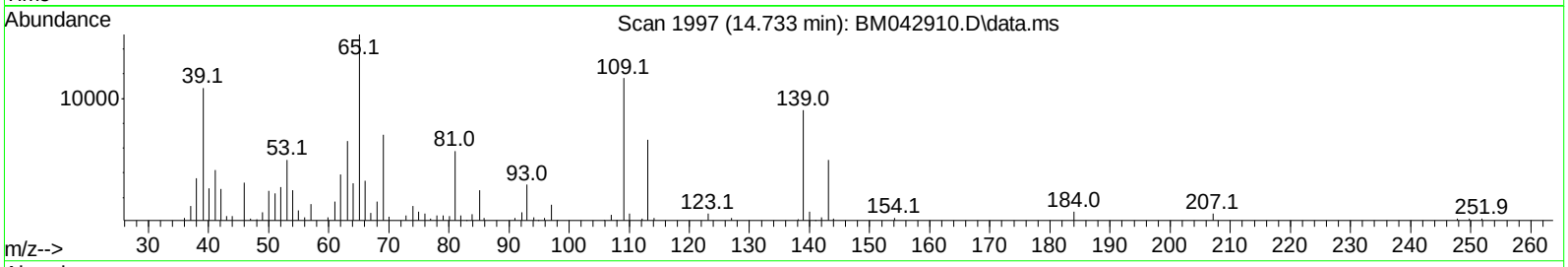
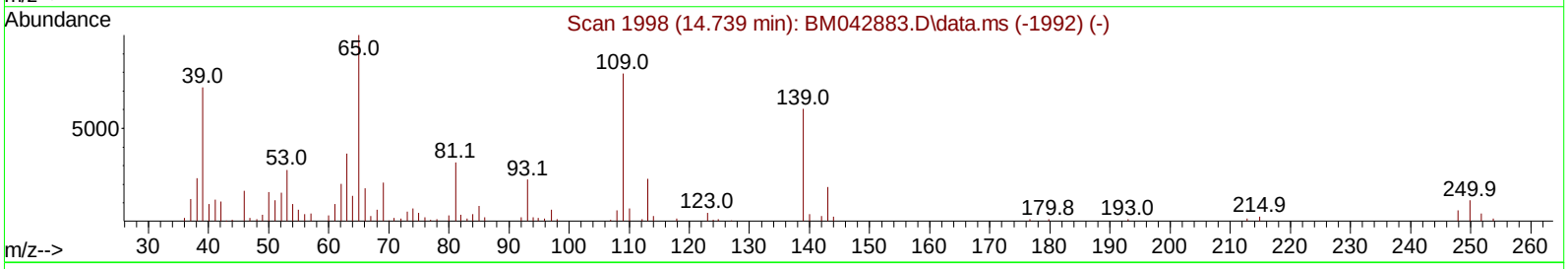



TIC: BM042910.D\data.ms

**(55) 4-Nitrophenol**

**14.733min (-0.006) 11.40 ng/ul**

**response 19867**

| Ion | Exp% | Act% |
|---|---|---|
| 109.00 | 100.00 | 100.00 |
| 139.00 | 83.90 | 77.59 |
| 65.00 | 133.90 | 130.14 |
| 0.00 | 0.00 | 0.00 |

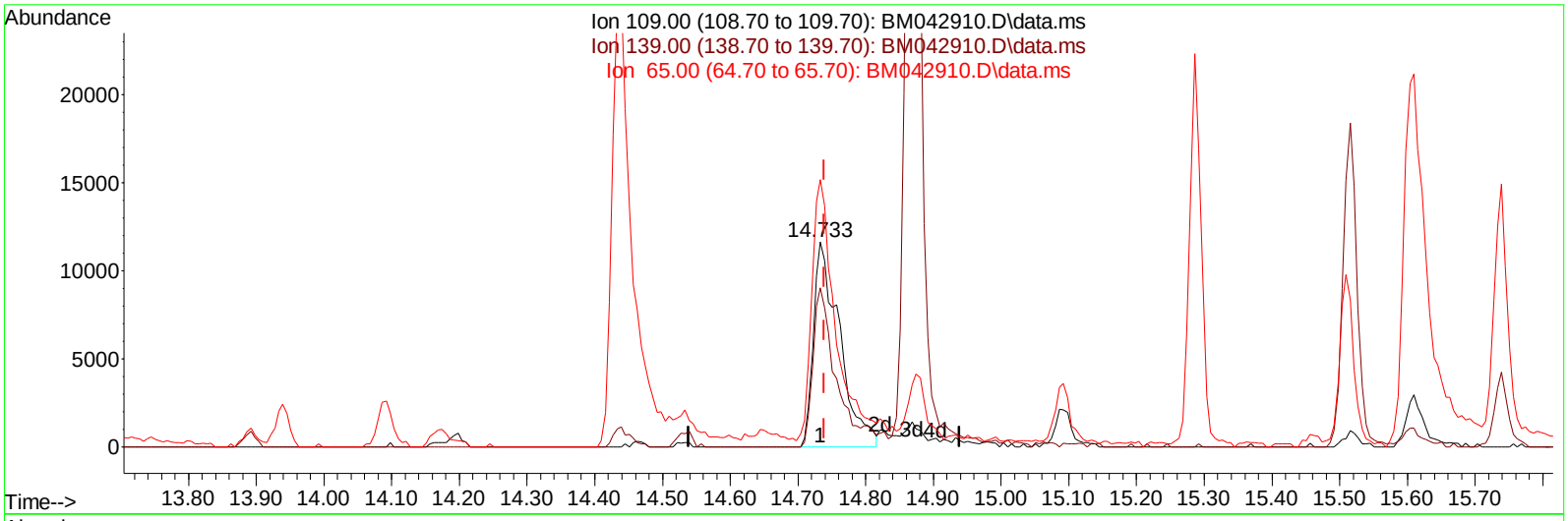
Quantitation Report (Qedit)

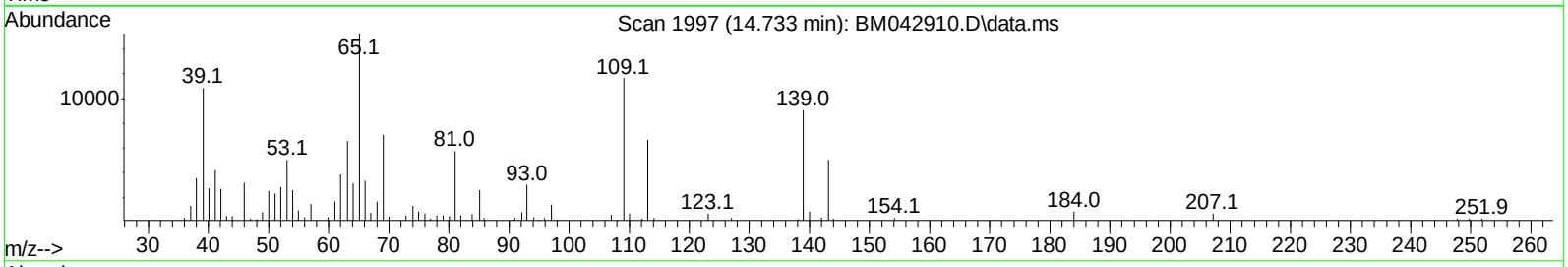
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042910.D
Acq On : 19 Nov 2023 18:01
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 79 Sample Multiplier: 1

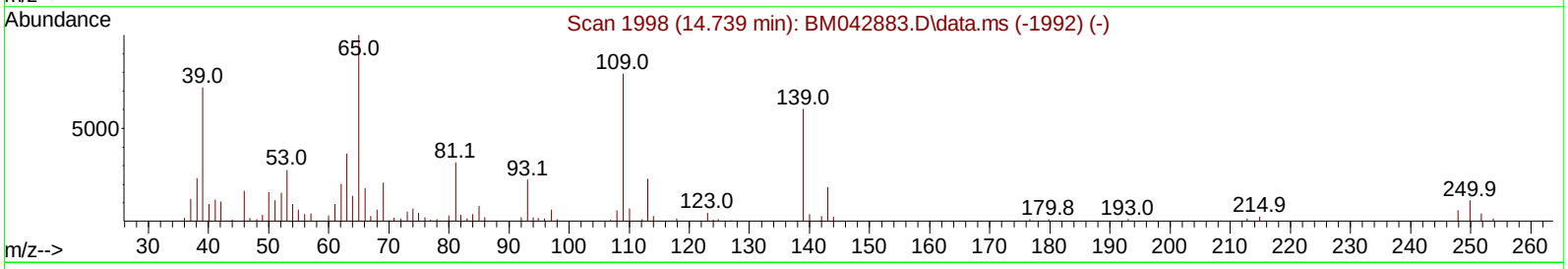
Quant Time: Nov 19 22:50:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020154

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023




TIC: BM042910.D\data.ms

**(55) 4-Nitrophenol**

**14.733min (-0.006) 17.83 ng/ul m**

**response 31080**

| Ion | Exp% | Act% |
|---|---|---|
| 109.00 | 100.00 | 100.00 |
| 139.00 | 83.90 | 77.59 |
| 65.00 | 133.90 | 130.14 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042910.D
Acq On : 19 Nov 2023 18:01
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Nov 19 22:51:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020154

**Manual Integrations APPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.810 | 152 | 41267 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.622 | 136 | 162901 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.468 | 164 | 103566 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.221 | 188 | 236524 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.409 | 240 | 269124 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.762 | 264 | 298347 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.169 | 96 | 9958 | 7.572 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.604 | 84 | 66421 | 20.304 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.975 | 99 | 76218 | 18.977 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.157 | 67 | 59201 | 20.977 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.334 | 132 | 56392 | 18.197 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.534 | 113 | 56973 | 18.016 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.016 | 128 | 25380 | 17.770 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.722 | 143 | 28803 | 17.239 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.245 | 165 | 58798 | 18.927 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.798 | 131 | 69231 | 17.552 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.892 | 166 | 178146 | 18.175 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.169 | 160 | 198952 | 18.970 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.716 | 143 | 15478 | 13.977 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.463 | 176 | 151908 | 18.715 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.610 | 200 | 27817 | 15.526 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.321 | 188 | 236460 | 17.839 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.621 | 212 | 307977 | 17.476 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.609 | 264 | 333520 | 18.689 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.204 | 88 | 11089 | 7.918 | ng/uL | 86 |
| 5) Pyridine | 3.622 | 79 | 68952 | 19.383 | ng/ul | 91 |
| 6) Benzaldehyde | 6.975 | 77 | 52708 | 22.873 | ng/ul | 95 |
| 8) Phenol | 7.004 | 94 | 74867 | 18.740 | ng/ul | 92 |
| 10) Bis(2-Chloroethyl)ether | 7.251 | 93 | 63208 | 19.154 | ng/ul | 91 |
| 12) 2-Chlorophenol | 7.363 | 128 | 57573 | 18.667 | ng/ul | 91 |
| 13) 2-Methylphenol | 8.263 | 108 | 54724 | 18.369 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.322 | 45 | 129031m | 21.479 | ng/ul | |
| 16) Acetophenone | 8.663 | 105 | 93154 | 17.519 | ng/ul | 89 |
| 17) N-Nitroso-di-n-propyla... | 8.634 | 70 | 59915 | 18.510 | ng/ul# | 92 |
| 18) 4-Methylphenol | 8.598 | 108 | 58430 | 18.040 | ng/ul | 95 |
| 19) Hexachloroethane | 8.863 | 117 | 34222 | 19.908 | ng/ul | 89 |
| 22) Nitrobenzene | 9.057 | 77 | 89546 | 20.744 | ng/ul | 94 |
| 23) Isophorone | 9.563 | 82 | 157891 | 18.365 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.757 | 139 | 30884 | 18.194 | ng/ul | 92 |
| 26) 2,4-Dimethylphenol | 9.798 | 107 | 65817 | 18.122 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.051 | 93 | 85932 | 19.780 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.275 | 162 | 55592 | 18.900 | ng/ul | 97 |
| 30) Naphthalene | 10.675 | 128 | 188637 | 18.484 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.822 | 127 | 67536 | 17.847 | ng/ul | 94 |
| 33) Hexachlorobutadiene | 10.892 | 225 | 49081 | 18.891 | ng/ul | 96 |
| 34) Caprolactam | 11.645 | 113 | 13779m | 15.800 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.933 | 107 | 56267 | 17.853 | ng/ul | 97 |

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Nov 19 22:51:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020154

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.286 | 142 | 123260 | 18.021 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.504 | 142 | 128276 | 17.837 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.639 | 216 | 83343 | 20.519 | ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 12.574 | 237 | 34155 | 17.762 | ng/ul | 92 |
| 41) 2,4,6-Trichlorophenol | 12.904 | 196 | 46907 | 18.907 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.980 | 196 | 44541 | 18.593 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.304 | 154 | 171173 | 19.819 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.351 | 162 | 135100 | 19.444 | ng/ul | 97 |
| 45) 2-Nitroaniline | 13.604 | 65 | 48054 | 21.206 | ng/ul | 91 |
| 47) Dimethylphthalate | 13.939 | 163 | 173814 | 18.206 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.092 | 165 | 31574 | 17.604 | ng/ul | 92 |
| 50) Acenaphthylene | 14.198 | 152 | 223837 | 19.048 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.439 | 138 | 25588 | 17.447 | ng/ul | 99 |
| 52) Acenaphthene | 14.533 | 153 | 149613 | 18.825 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.651 | 184 | 10984 | 12.316 | ng/ul | 88 |
| 55) 4-Nitrophenol | 14.733 | 109 | 31080m | 17.835 | ng/ul | |
| 56) Dibenzofuran | 14.868 | 168 | 207358 | 18.798 | ng/ul | 96 |
| 57) 2,4-Dinitrotoluene | 14.880 | 165 | 47250 | 17.944 | ng/ul | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.092 | 232 | 46734 | 18.793 | ng/ul | 94 |
| 59) Diethylphthalate | 15.286 | 149 | 180397 | 18.020 | ng/ul | 98 |
| 61) Fluorene | 15.515 | 166 | 179271 | 19.142 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.510 | 204 | 97737 | 19.364 | ng/ul | 100 |
| 63) 4-Nitroaniline | 15.604 | 138 | 24443 | 18.281 | ng/ul | 90 |
| 66) 4,6-Dinitro-2-methylph... | 15.627 | 198 | 28384 | 15.562 | ng/ul# | 86 |
| 67) N-Nitrosodiphenylamine | 15.739 | 169 | 136598 | 18.414 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.410 | 248 | 57130 | 18.146 | ng/ul | 90 |
| 69) Hexachlorobenzene | 16.486 | 284 | 70581 | 18.339 | ng/ul | 98 |
| 70) Atrazine | 16.692 | 200 | 51470 | 18.013 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.857 | 266 | 35873 | 16.186 | ng/ul | 98 |
| 72) Phenanthrene | 17.262 | 178 | 271061 | 18.344 | ng/ul | 98 |
| 74) Anthracene | 17.357 | 178 | 276616 | 18.611 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.257 | 216 | 83204 | 19.894 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.763 | 250 | 83399 | 19.005 | ng/uL | 99 |
| 77) Carbazole | 17.651 | 167 | 213676 | 17.411 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.168 | 149 | 313628 | 17.476 | ng/ul | 98 |
| 80) Fluoranthene | 19.280 | 202 | 339461 | 16.894 | ng/ul | 98 |
| 82) Pyrene | 19.650 | 202 | 368370 | 17.290 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.533 | 149 | 145333 | 15.970 | ng/ul | 94 |
| 84) 3,3'-Dichlorobenzidine | 21.339 | 252 | 105558 | 15.325 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.392 | 228 | 390701 | 18.494 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.274 | 149 | 217200 | 15.731 | ng/ul | 98 |
| 87) Chrysene | 21.444 | 228 | 369749 | 18.047 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.186 | 149 | 384230 | 15.943 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.038 | 252 | 388730 | 19.092 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.086 | 252 | 404845 | 18.679 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.662 | 252 | 375749 | 18.939 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.221 | 276 | 466012 | 18.900 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.232 | 278 | 383273 | 18.749 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 26.985 | 276 | 367651 | 18.777 | ng/ul | 99 |

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

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020154

**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 11/20/2023
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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042910.D
Acq On : 19 Nov 2023 18:01
Operator : MA/JU
Sample : SSTDCCC020
Misc :
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Quant Time: Nov 19 22:51:24 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

**Instrument :**
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**ClientSampleId :**
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