Quantitation Report (Qedit)

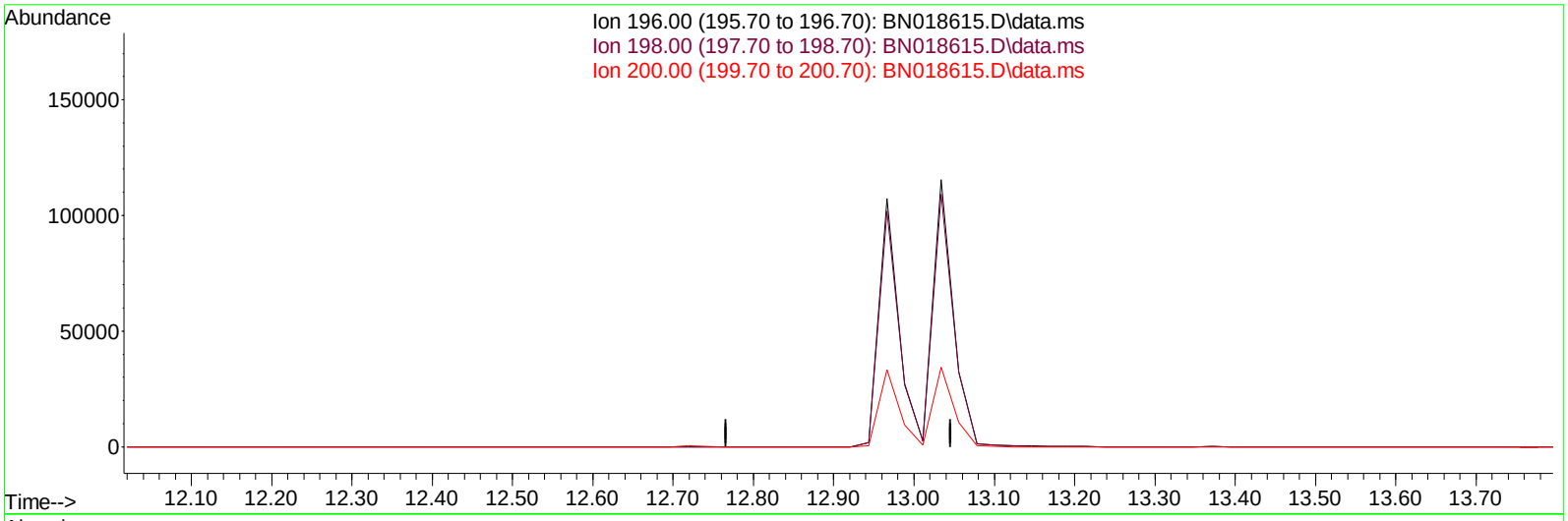
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
Data File : BN018615.D
Acq On : 15 Feb 2022 16:51
Operator : CG/JU
Sample : SSTD02018
Misc :
ALS Vial : 8 Sample Multiplier: 1

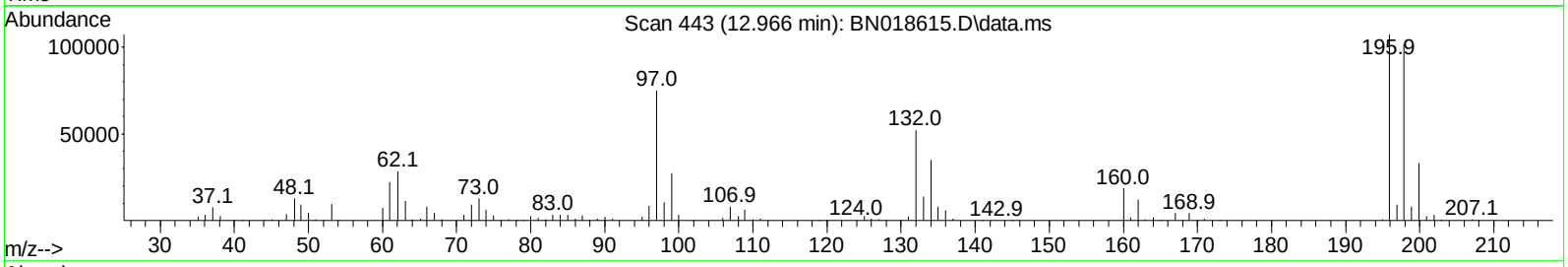
Quant Time: Feb 15 17:44:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 15 17:38:23 2022
Response via : Initial Calibration

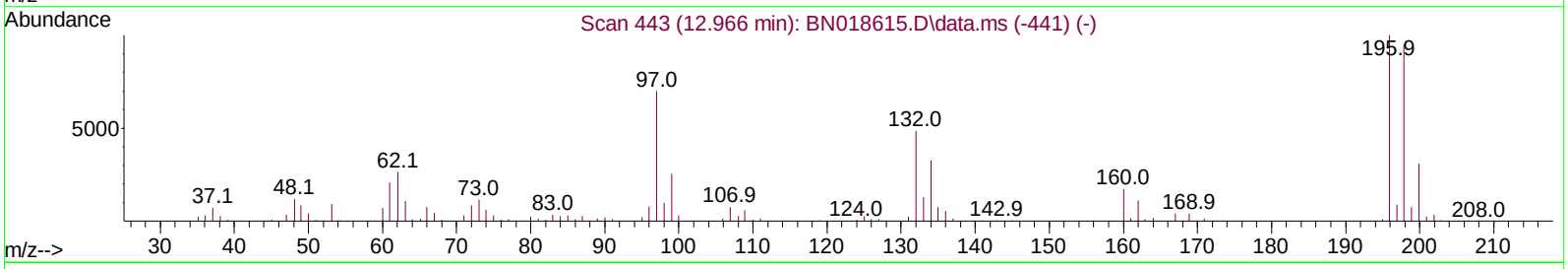
**Instrument :**
BNA_N
**ClientSampleId :**
SSTD020229

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 02/16/2022
Supervised By :mohammad ahmed 02/22/2022




TIC: BN018615.D\data.ms

**(41) 2,4,6-Trichlorophenol (C)**

**12.966min (-12.966) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 196.00 | 100.00 | 0.00 |
| 198.00 | 93.10 | 0.00# |
| 200.00 | 31.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

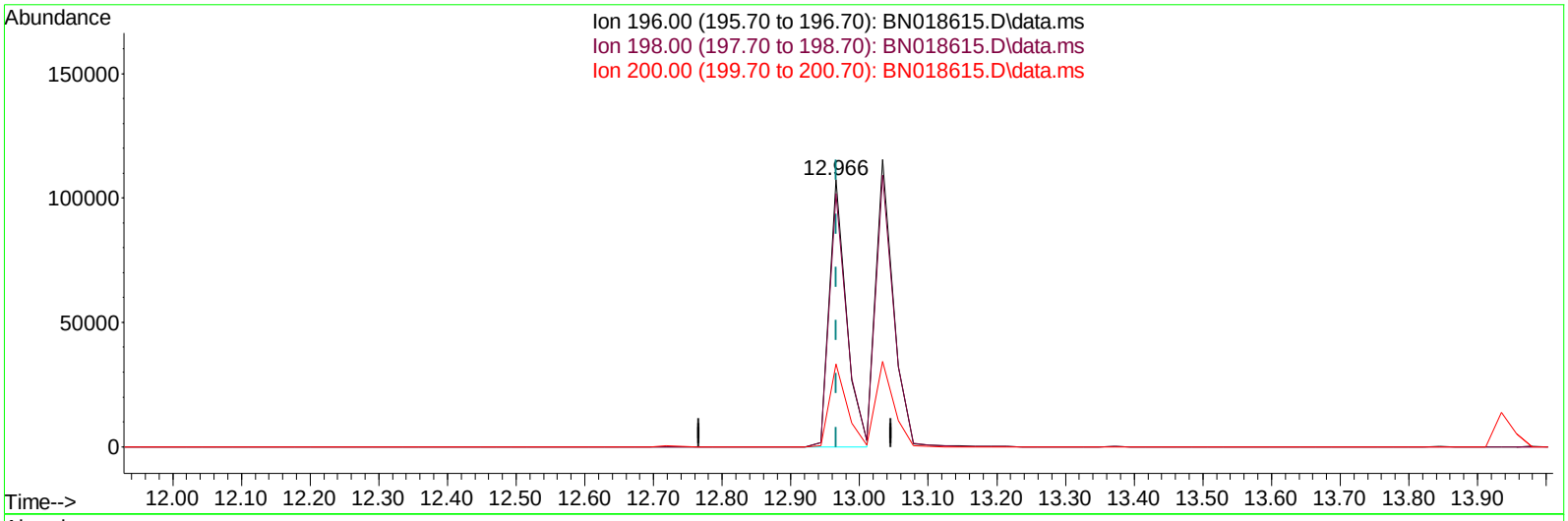
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
Data File : BN018615.D
Acq On : 15 Feb 2022 16:51
Operator : CG/JU
Sample : SSTD02018
Misc :
ALS Vial : 8 Sample Multiplier: 1

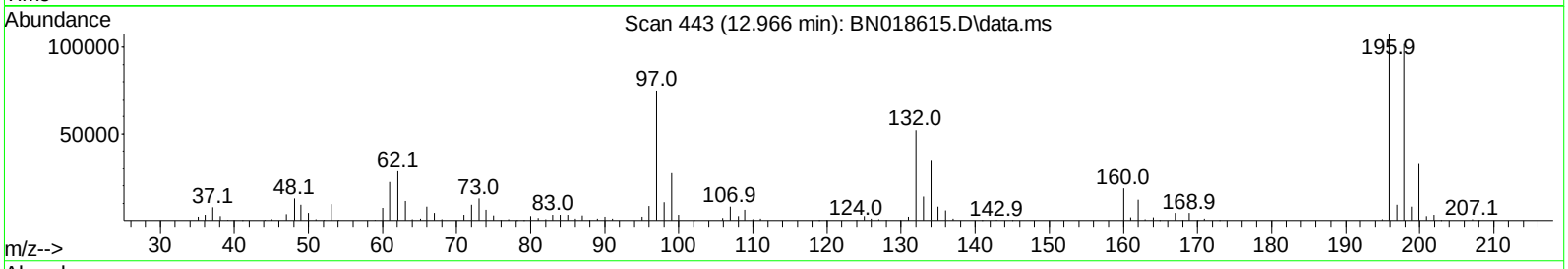
Quant Time: Feb 15 17:44:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 15 17:38:23 2022
Response via : Initial Calibration

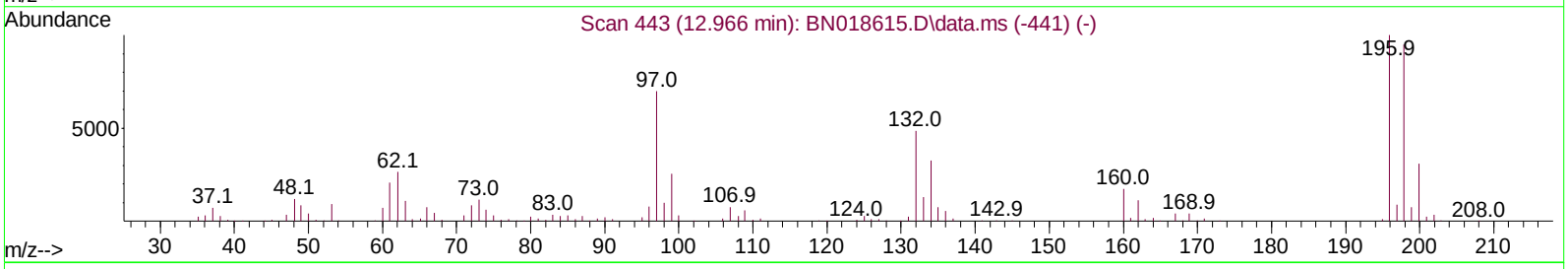
**Instrument :**
BNA_N
**ClientSampleId :**
SSTD020229

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 02/16/2022
Supervised By :mohammad ahmed 02/22/2022




TIC: BN018615.D\data.ms

**(41) 2,4,6-Trichlorophenol (C)**

**12.966min ( 0.000) 22.60 ng/ul m**

**response 186784**

| Ion | Exp% | Act% |
|---|---|---|
| 196.00 | 100.00 | 100.00 |
| 198.00 | 93.10 | 94.97 |
| 200.00 | 31.00 | 31.02 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
Data File : BN018615.D
Acq On : 15 Feb 2022 16:51
Operator : CG/JU
Sample : SSTD02018
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 15 17:44:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 15 17:38:23 2022
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD020229

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 02/16/2022
Supervised By :mohammad ahmed 02/22/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.898 | 152 | 203872 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.713 | 136 | 737949 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.543 | 164 | 415797 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.268 | 188 | 753624 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.458 | 240 | 774805 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.868 | 264 | 729192 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.257 | 96 | 39312 | 8.497 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.685 | 84 | 323511 | 20.634 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.042 | 99 | 360327 | 21.809 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.222 | 67 | 204005 | 20.332 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.425 | 132 | 285233 | 21.738 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.596 | 113 | 273153 | 21.443 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.047 | 128 | 126323 | 22.784 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.790 | 143 | 133009 | 22.224 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.330 | 165 | 256415 | 22.275 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.826 | 131 | 329826 | 21.899 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.935 | 166 | 649665 | 21.837 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.227 | 160 | 912092 | 22.388 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.723 | 143 | 102752 | 20.502 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.534 | 176 | 535974 | 21.306 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.646 | 200 | 87465 | 19.232 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.381 | 188 | 795385 | 21.624 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.679 | 212 | 834218 | 22.033 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.711 | 264 | 844236 | 22.348 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.303 | 88 | 55579 | 9.355 | ng/uL | 96 |
| 5) Pyridine | 3.708 | 79 | 301245 | 19.576 | ng/ul | 93 |
| 6) Benzaldehyde | 7.019 | 77 | 203393 | 21.978 | ng/ul | 97 |
| 8) Phenol | 7.064 | 94 | 346312 | 20.687 | ng/ul# | 89 |
| 10) Bis(2-Chloroethyl)ether | 7.312 | 93 | 295778 | 21.439 | ng/ul | 95 |
| 12) 2-Chlorophenol | 7.447 | 128 | 287743 | 21.272 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.326 | 108 | 257451 | 20.729 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.416 | 45 | 399672 | 21.604 | ng/ul | 98 |
| 16) Acetophenone | 8.709 | 105 | 412513 | 21.559 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.709 | 70 | 206933 | 21.255 | ng/ul# | 94 |
| 18) 4-Methylphenol | 8.664 | 108 | 284097 | 21.147 | ng/ul | 98 |
| 19) Hexachloroethane | 8.979 | 117 | 120403 | 21.239 | ng/ul# | 71 |
| 22) Nitrobenzene | 9.092 | 77 | 318621 | 22.755 | ng/ul | 99 |
| 23) Isophorone | 9.632 | 82 | 518060 | 21.601 | ng/ul# | 87 |
| 25) 2-Nitrophenol | 9.812 | 139 | 154608 | 23.406 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 9.880 | 107 | 300038 | 21.462 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.105 | 93 | 355756 | 22.066 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.353 | 162 | 266651 | 22.263 | ng/ul | 95 |
| 30) Naphthalene | 10.758 | 128 | 894071 | 21.987 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.849 | 127 | 340217 | 21.905 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.051 | 225 | 190395 | 22.693 | ng/ul | 100 |
| 34) Caprolactam | 11.592 | 113 | 64694 | 20.662 | ng/ul | 96 |
| 35) 4-Chloro-3-methylphenol | 11.975 | 107 | 267782 | 22.537 | ng/ul | 94 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
Data File : BN018615.D
Acq On : 15 Feb 2022 16:51
Operator : CG/JU
Sample : SSTD02018
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 15 17:44:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 15 17:38:23 2022
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD020229

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 02/16/2022
Supervised By :mohammad ahmed 02/22/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.358 | 142 | 558841 | 21.593 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.583 | 142 | 616069 | 22.532 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.741 | 216 | 338886 | 22.643 | ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 12.718 | 237 | 195321 | 21.244 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 12.966 | 196 | 186784m | 22.600 | ng/ul | |
| 42) 2,4,5-Trichlorophenol | 13.034 | 196 | 198676 | 22.402 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.371 | 154 | 802590 | 22.632 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.416 | 162 | 618964 | 22.581 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.597 | 65 | 141645 | 22.518 | ng/ul# | 85 |
| 47) Dimethylphthalate | 13.980 | 163 | 638476 | 21.711 | ng/ul# | 99 |
| 48) 2,6-Dinitrotoluene | 14.092 | 165 | 118110 | 21.998 | ng/ul# | 69 |
| 50) Acenaphthylene | 14.250 | 152 | 862282 | 21.746 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.430 | 138 | 90214 | 16.899 | ng/ul# | 78 |
| 52) Acenaphthene | 14.610 | 153 | 555063 | 21.647 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.633 | 184 | 71389 | 20.835 | ng/ul | 84 |
| 55) 4-Nitrophenol | 14.723 | 109 | 105400 | 23.062 | ng/ul | 87 |
| 56) Dibenzofuran | 14.926 | 168 | 800551 | 21.584 | ng/ul | 88 |
| 57) 2,4-Dinitrotoluene | 14.881 | 165 | 178675 | 22.546 | ng/ul# | 81 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.151 | 232 | 149780 | 22.669 | ng/ul# | 68 |
| 59) Diethylphthalate | 15.354 | 149 | 691033 | 23.108 | ng/ul | 99 |
| 61) Fluorene | 15.579 | 166 | 670319 | 22.073 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.579 | 204 | 342223 | 21.852 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.579 | 138 | 67990 | 15.738 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.646 | 198 | 106896 | 21.610 | ng/ul | 95 |
| 67) N-Nitrosodiphenylamine | 15.782 | 169 | 595199 | 22.554 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.480 | 248 | 170858 | 21.258 | ng/ul# | 77 |
| 69) Hexachlorobenzene | 16.593 | 284 | 236938 | 22.027 | ng/ul | 96 |
| 70) Atrazine | 16.728 | 200 | 197533 | 21.524 | ng/ul | 93 |
| 71) Pentachlorophenol | 16.930 | 266 | 128253 | 20.900 | ng/ul | 98 |
| 72) Phenanthrene | 17.313 | 178 | 971401 | 21.315 | ng/ul | 97 |
| 74) Anthracene | 17.403 | 178 | 976608 | 21.692 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.349 | 216 | 339782 | 21.990 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.858 | 250 | 304748 | 22.529 | ng/uL | 98 |
| 77) Carbazole | 17.674 | 167 | 921074 | 23.408 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.237 | 149 | 948758 | 22.597 | ng/ul# | 98 |
| 80) Fluoranthene | 19.341 | 202 | 1030185 | 22.827 | ng/ul# | 88 |
| 82) Pyrene | 19.701 | 202 | 1143239 | 23.035 | ng/ul# | 90 |
| 83) Butylbenzylphthalate | 20.602 | 149 | 273721 | 22.329 | ng/ul# | 62 |
| 84) 3,3'-Dichlorobenzidine | 21.368 | 252 | 244653 | 17.863 | ng/ul# | 96 |
| 85) Benzo(a)anthracene | 21.436 | 228 | 1032424 | 21.703 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.368 | 149 | 512679 | 18.136 | ng/ul# | 91 |
| 87) Chrysene | 21.503 | 228 | 994410 | 24.726 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.291 | 149 | 902949 | 18.110 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.125 | 252 | 1022397 | 20.227 | ng/ul# | 98 |
| 91) Benzo(k)fluoranthene | 23.170 | 252 | 1009936 | 22.529 | ng/ul# | 97 |
| 93) Benzo(a)pyrene | 23.756 | 252 | 1067667 | 22.342 | ng/ul | 96 |
| 94) Indeno(1,2,3-cd)pyrene | 26.346 | 276 | 1210425 | 22.297 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.369 | 278 | 1016629 | 22.107 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 27.112 | 276 | 1032873 | 22.313 | ng/ul | 97 |

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

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD020229

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 02/16/2022
Supervised By :mohammad ahmed 02/22/2022

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
Data File : BN018615.D
Acq On : 15 Feb 2022 16:51
Operator : CG/JU
Sample : SSTD02018
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 15 17:44:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 15 17:38:23 2022
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD020229

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 02/16/2022
Supervised By :mohammad ahmed 02/22/2022