Quantitation Report (QT Reviewed)

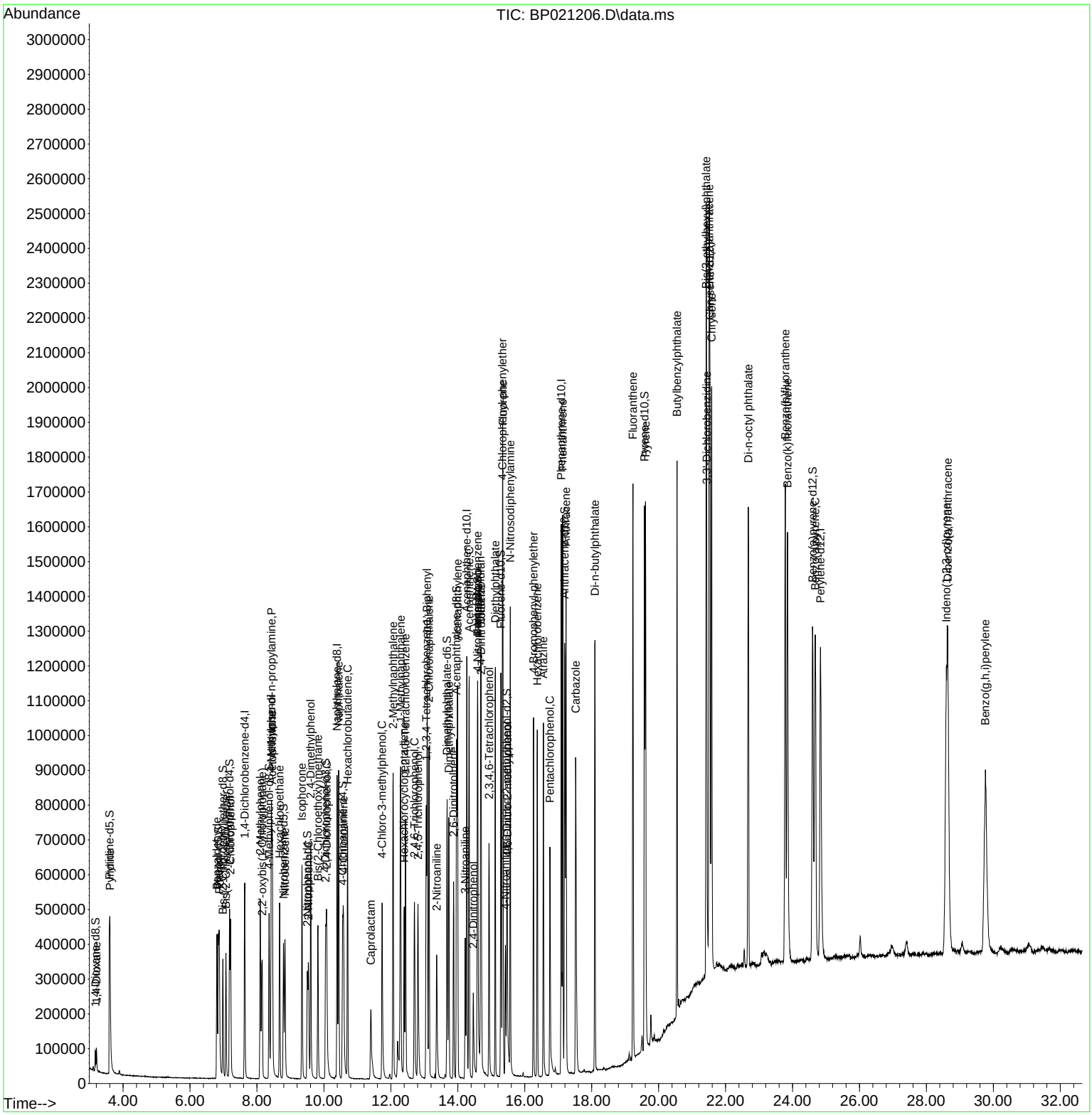
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021206.D
Acq On : 29 Jul 2024 12:05
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 12:57:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020711

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 09/04/2024



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021206.D
Acq On : 29 Jul 2024 12:05
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020711

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 09/04/2024

Quant Time: Jul 29 12:57:54 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.634 | 152 | 166586 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.392 | 136 | 648332 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.269 | 164 | 414608 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.092 | 188 | 887821 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.533 | 240 | 918657 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.833 | 264 | 1053098 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.175 | 96 | 30072 | 8.215 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.593 | 84 | 198210 | 18.702 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.845 | 99 | 244422 | 17.997 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.981 | 67 | 153490 | 18.649 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.181 | 132 | 207437 | 18.538 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.363 | 113 | 194346 | 17.229 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.792 | 128 | 95725 | 19.009 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.504 | 143 | 107811 | 18.705 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.051 | 165 | 196836 | 18.887 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.557 | 131 | 266515 | 19.303 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.680 | 166 | 584041 | 19.378 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.963 | 160 | 667829 | 19.733 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.586 | 143 | 96677 | 22.545 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.286 | 176 | 493506 | 19.959 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.463 | 200 | 96881 | 18.035 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.192 | 188 | 793775 | 20.130 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.574 | 212 | 949981 | 16.726 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.597 | 264 | 1014625 | 19.535 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.204 | 88 | 33074 | 8.215 | ng/uL | 96 |
| 5) Pyridine | 3.610 | 79 | 202327 | 18.509 | ng/ul | 98 |
| 6) Benzaldehyde | 6.804 | 77 | 149925m | 21.897 | ng/ul | |
| 8) Phenol | 6.875 | 94 | 246226 | 17.917 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.075 | 93 | 205854 | 18.132 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.210 | 128 | 206934 | 18.451 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.098 | 108 | 189658 | 17.844 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.157 | 45 | 305512 | 18.627 | ng/ul | 97 |
| 16) Acetophenone | 8.457 | 105 | 312297 | 17.938 | ng/ul | 94 |
| 17) N-Nitroso-di-n-propyla... | 8.434 | 70 | 155917 | 17.093 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.428 | 108 | 202216 | 17.759 | ng/ul | 97 |
| 19) Hexachloroethane | 8.675 | 117 | 93996 | 18.651 | ng/ul | 99 |
| 22) Nitrobenzene | 8.839 | 77 | 237560 | 19.693 | ng/ul | 99 |
| 23) Isophorone | 9.345 | 82 | 427440 | 17.824 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.539 | 139 | 113320 | 18.852 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.604 | 107 | 226365 | 19.097 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.822 | 93 | 269556 | 18.492 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.081 | 162 | 194234 | 18.911 | ng/ul | 99 |
| 30) Naphthalene | 10.439 | 128 | 666465 | 19.543 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.586 | 127 | 254472 | 19.301 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.710 | 225 | 151797 | 19.710 | ng/ul | 99 |
| 34) Caprolactam | 11.404 | 113 | 58990m | 18.644 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.739 | 107 | 208756 | 18.698 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.069 | 142 | 438024 | 18.711 | ng/ul | 100 |

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Acq On : 29 Jul 2024 12:05
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020711

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 09/04/2024

Quant Time: Jul 29 12:57:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.292 | 142 | 459574 | 19.088 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.439 | 216 | 264599 | 19.651 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.398 | 237 | 131677 | 18.694 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.704 | 196 | 156865 | 18.437 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 12.810 | 196 | 157104 | 17.452 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.086 | 154 | 585891 | 19.336 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.139 | 162 | 474327 | 19.609 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.369 | 65 | 129230 | 19.319 | ng/ul | 94 |
| 47) Dimethylphthalate | 13.733 | 163 | 580397 | 18.978 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.874 | 165 | 116044 | 18.980 | ng/ul | 98 |
| 50) Acenaphthylene | 13.992 | 152 | 746339 | 19.478 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.222 | 138 | 106911 | 20.094 | ng/ul | 99 |
| 52) Acenaphthene | 14.339 | 153 | 501176 | 19.706 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.463 | 184 | 68641 | 21.378 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.592 | 109 | 67101m | 19.236 | ng/ul | |
| 56) Dibenzofuran | 14.686 | 168 | 690659 | 19.831 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.698 | 165 | 172762 | 20.584 | ng/ul | 91 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.933 | 232 | 143790 | 18.653 | ng/ul | 99 |
| 59) Diethylphthalate | 15.121 | 149 | 598256 | 19.575 | ng/ul | 99 |
| 61) Fluorene | 15.345 | 166 | 563176 | 19.816 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.333 | 204 | 303984 | 19.712 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.427 | 138 | 106995 | 24.283 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.480 | 198 | 99547 | 17.475 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.569 | 169 | 473711 | 18.323 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.263 | 248 | 191787 | 18.430 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.374 | 284 | 224961 | 18.854 | ng/ul | 99 |
| 70) Atrazine | 16.557 | 200 | 186246 | 19.766 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.751 | 266 | 139349 | 21.503 | ng/ul | 97 |
| 72) Phenanthrene | 17.133 | 178 | 906227 | 19.676 | ng/ul | 100 |
| 74) Anthracene | 17.233 | 178 | 924973 | 19.700 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.057 | 216 | 259257 | 18.245 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.592 | 250 | 260331 | 18.437 | ng/uL | 100 |
| 77) Carbazole | 17.521 | 167 | 816586 | 21.275 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.098 | 149 | 1049990 | 19.828 | ng/ul | 99 |
| 80) Fluoranthene | 19.233 | 202 | 1108597 | 16.163 | ng/ul | 98 |
| 82) Pyrene | 19.609 | 202 | 1162818 | 16.660 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.551 | 149 | 493927 | 16.985 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.439 | 252 | 430491 | 20.508 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.509 | 228 | 1215013 | 18.881 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.421 | 149 | 739757 | 17.677 | ng/ul | 100 |
| 87) Chrysene | 21.586 | 228 | 1159005 | 19.382 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.680 | 149 | 1283444 | 18.449 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.786 | 252 | 1245554 | 19.490 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.850 | 252 | 1248451 | 19.575 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.680 | 252 | 1164067 | 19.276 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 28.597 | 276 | 1489914 | 19.146 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 28.638 | 278 | 1234219 | 19.153 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 29.762 | 276 | 1208933 | 19.075 | ng/ul | 99 |

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

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 12:57:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020711

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/30/2024
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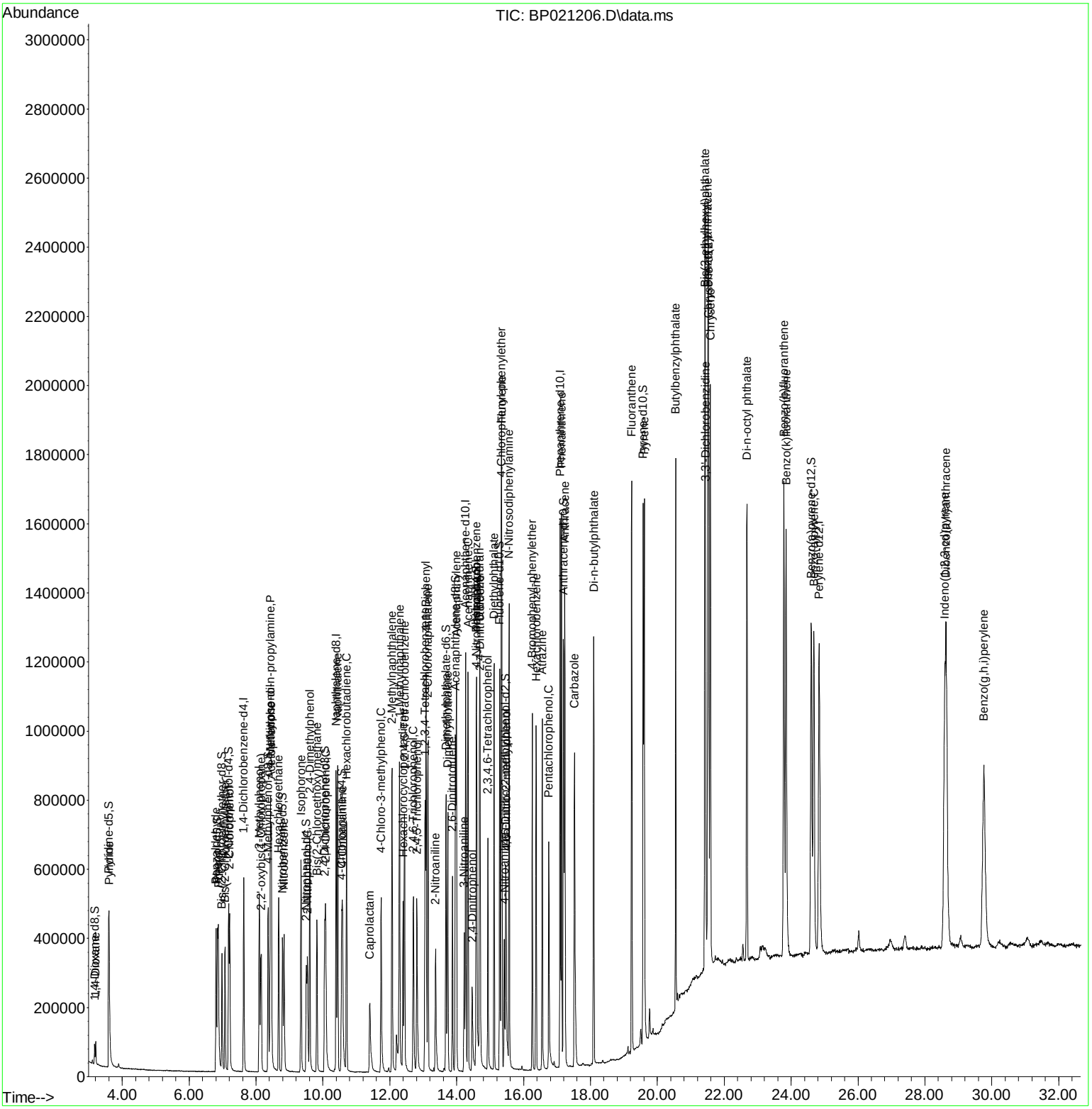

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021206.D
Acq On : 29 Jul 2024 12:05
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 12:54:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
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**Instrument :**
BNA_P
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SSTD020711

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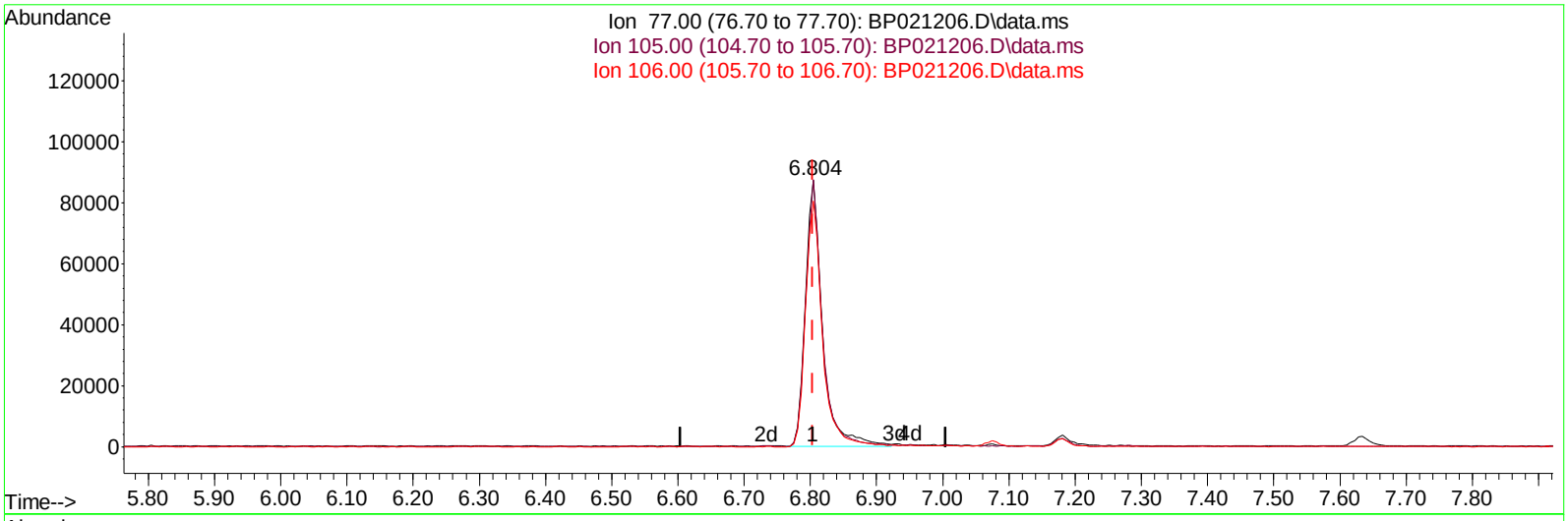


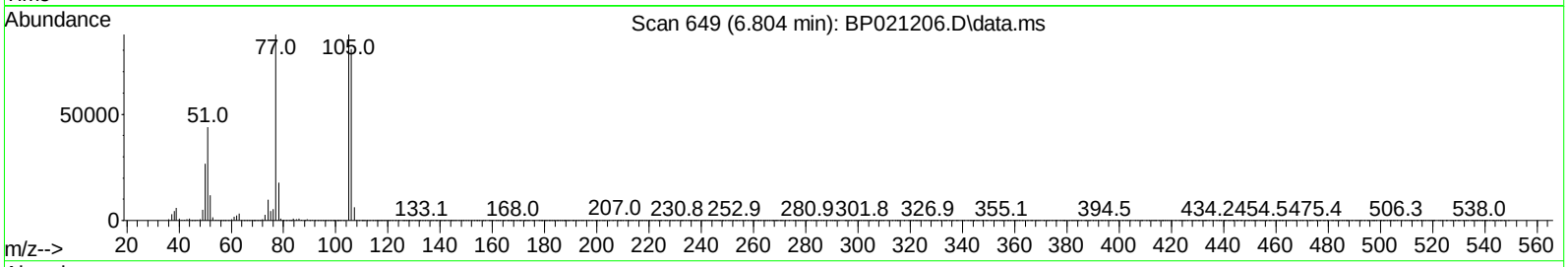


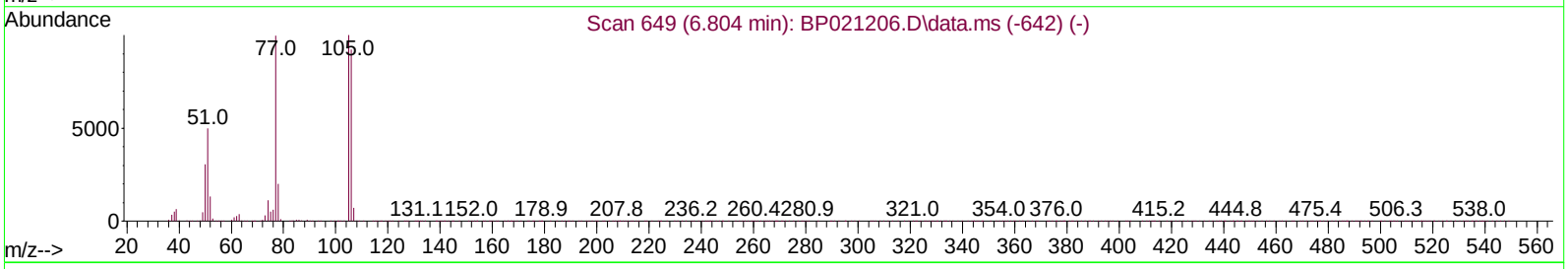


TIC: BP021206.D\data.ms

**(6) Benzaldehyde**

**6.804min ( 0.000) 22.90 ng/ul**

**response 156827**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 99.10 | 100.14 |
| 106.00 | 93.30 | 92.29 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
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BNA_P
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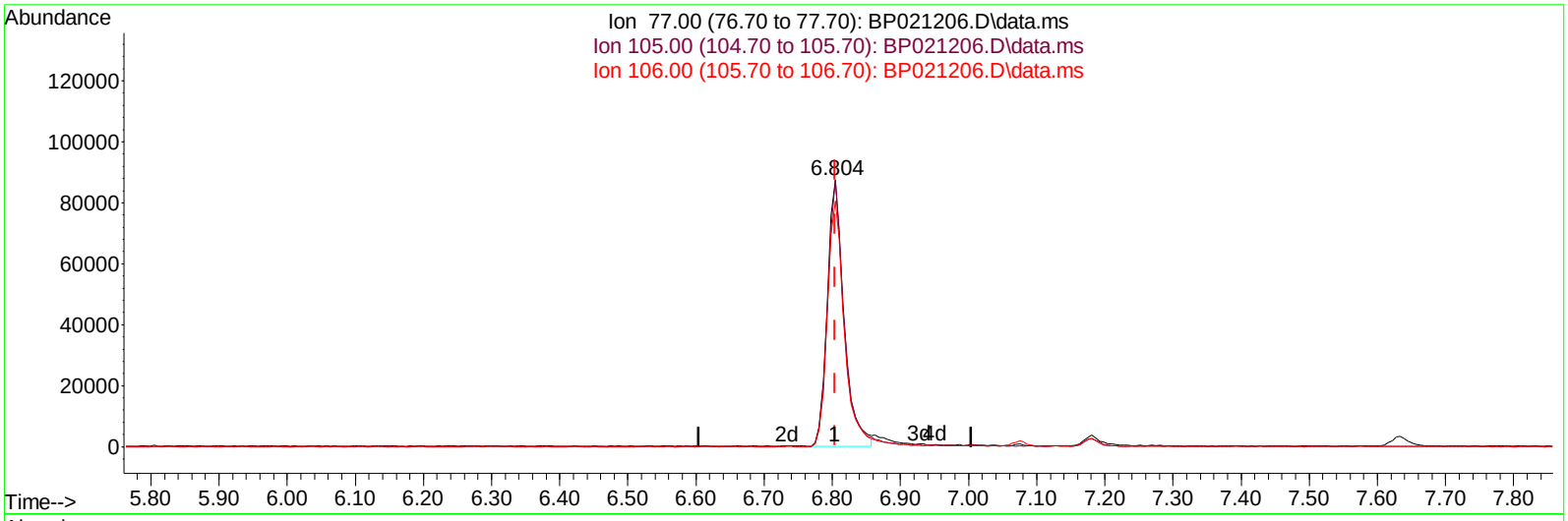


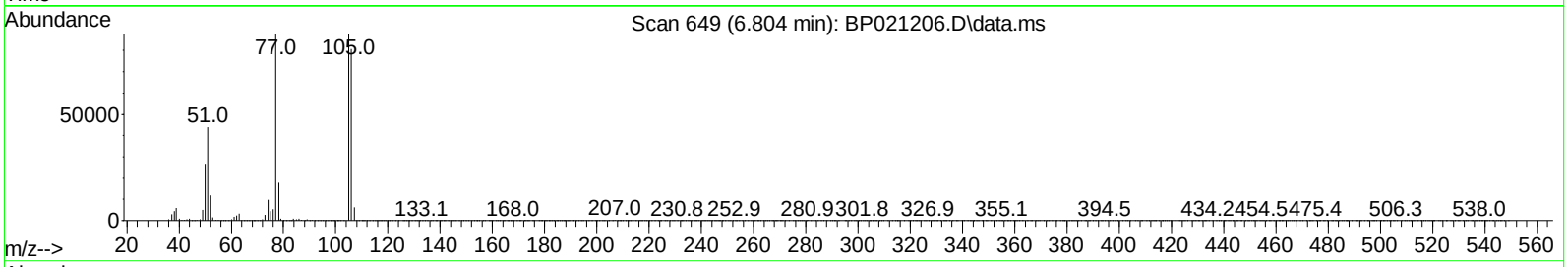


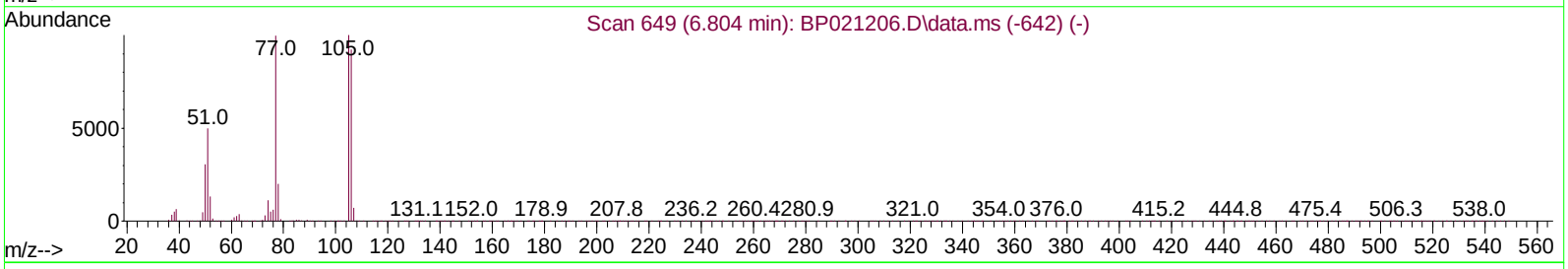


TIC: BP021206.D\data.ms

**(6) Benzaldehyde**

**6.804min ( 0.000) 21.90 ng/ul m**

**response 149925**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 99.10 | 100.14 |
| 106.00 | 93.30 | 92.29 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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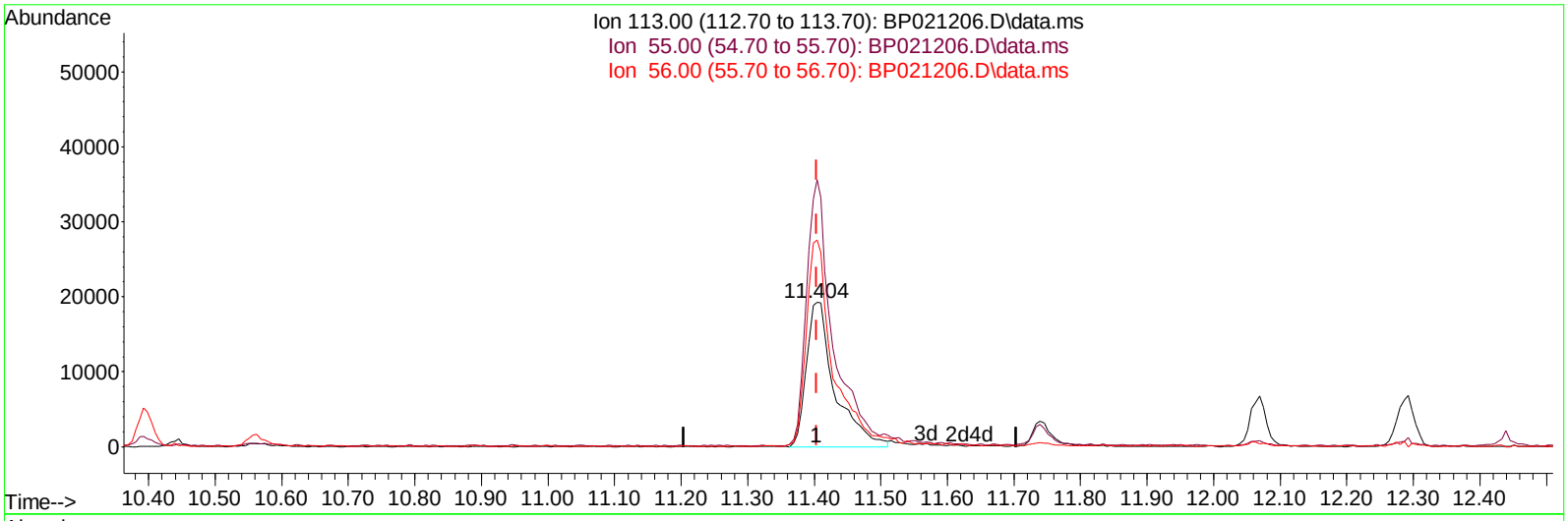


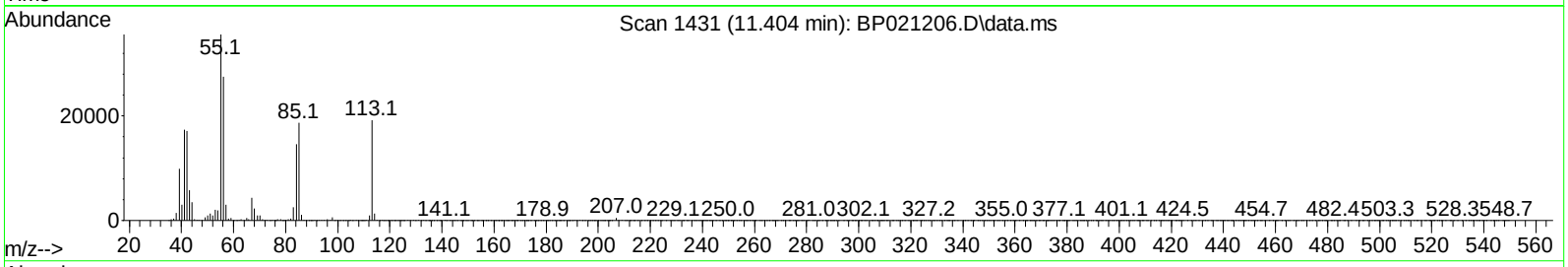


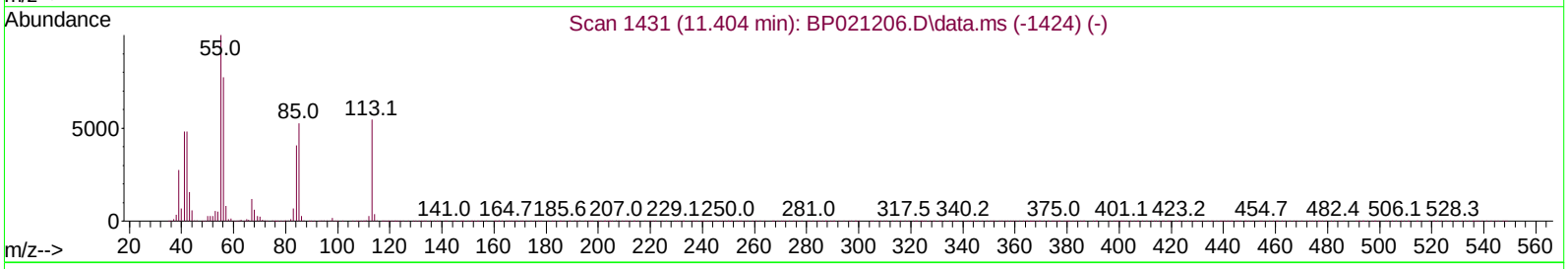


TIC: BP021206.D\data.ms

**(34) Caprolactam**

**11.404min ( 0.000) 18.01 ng/ul**

**response 56997**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 175.30 | 184.95 |
| 56.00 | 131.90 | 143.14 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
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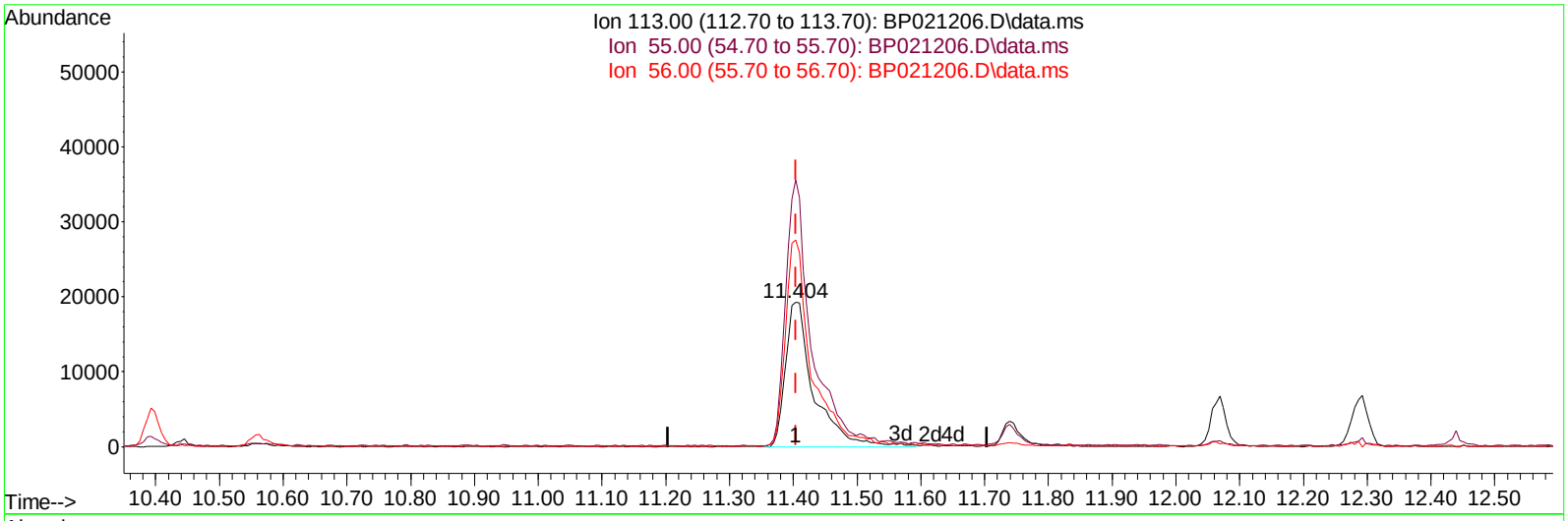


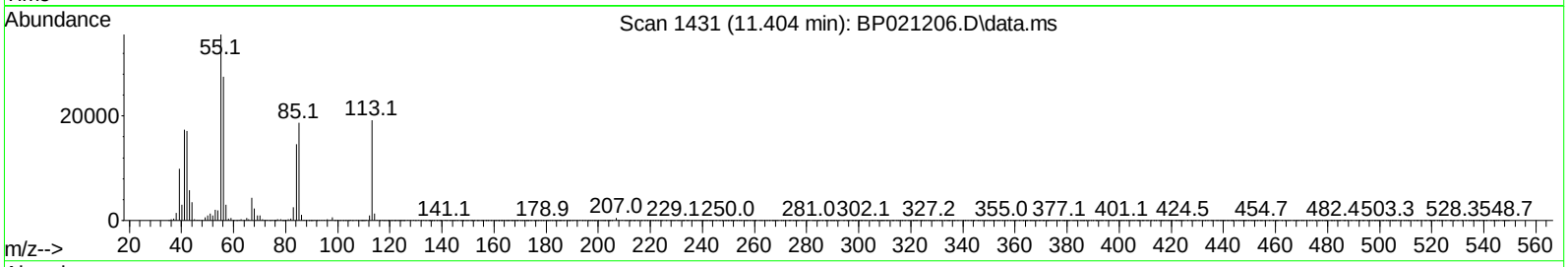


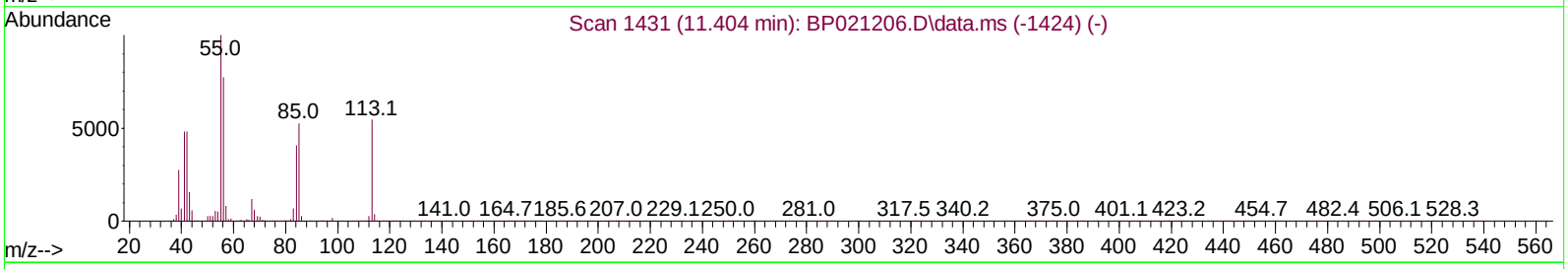


TIC: BP021206.D\data.ms

**(34) Caprolactam**

**11.404min ( 0.000) 18.64 ng/ul m**

**response 58990**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 175.30 | 184.95 |
| 56.00 | 131.90 | 143.14 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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ALS Vial : 2 Sample Multiplier: 1

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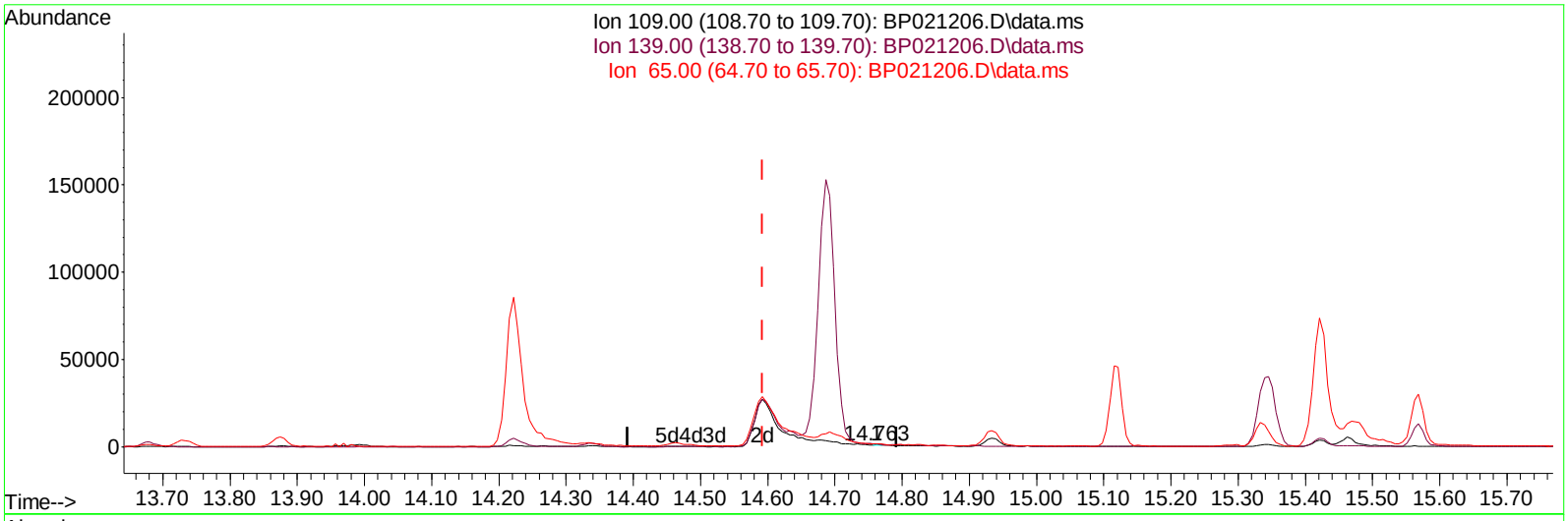
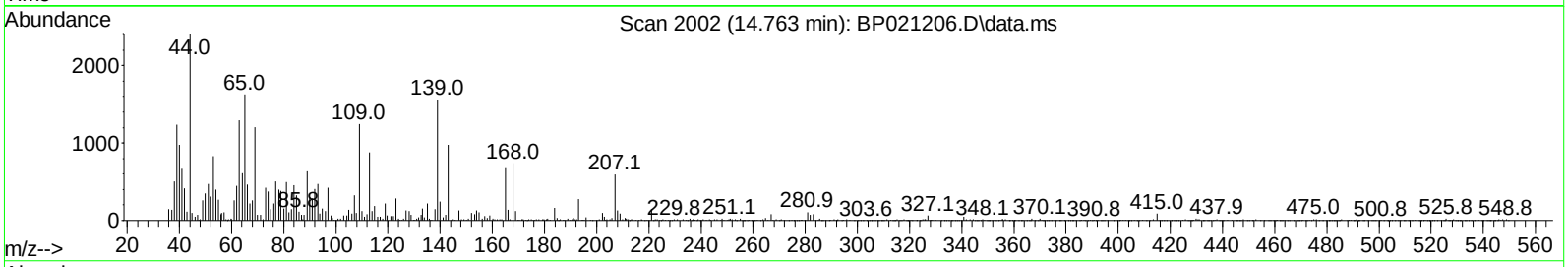
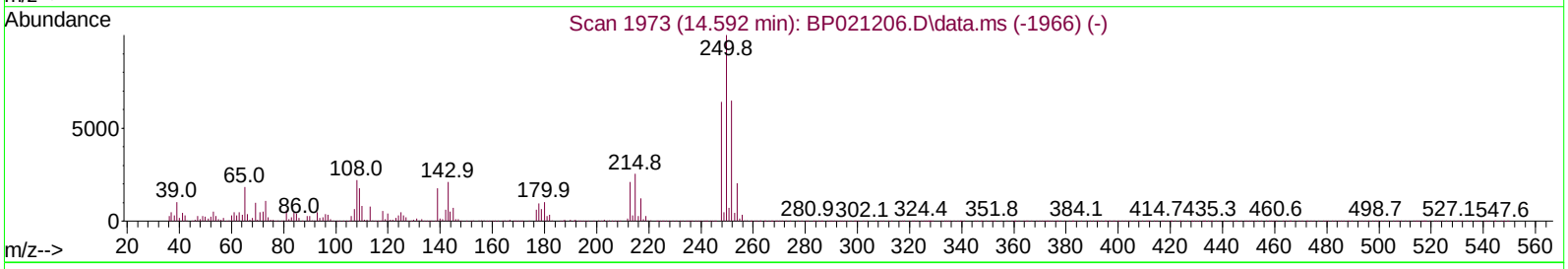
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 09/04/2024




TIC: BP021206.D\data.ms

**(55) 4-Nitrophenol**

**14.763min (+ 0.171) 0.04 ng/ul**

**response 134**

| Ion | Exp% | Act% |
|---|---|---|
| 109.00 | 100.00 | 100.00 |
| 139.00 | 122.50 | 124.80 |
| 65.00 | 132.50 | 130.50 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

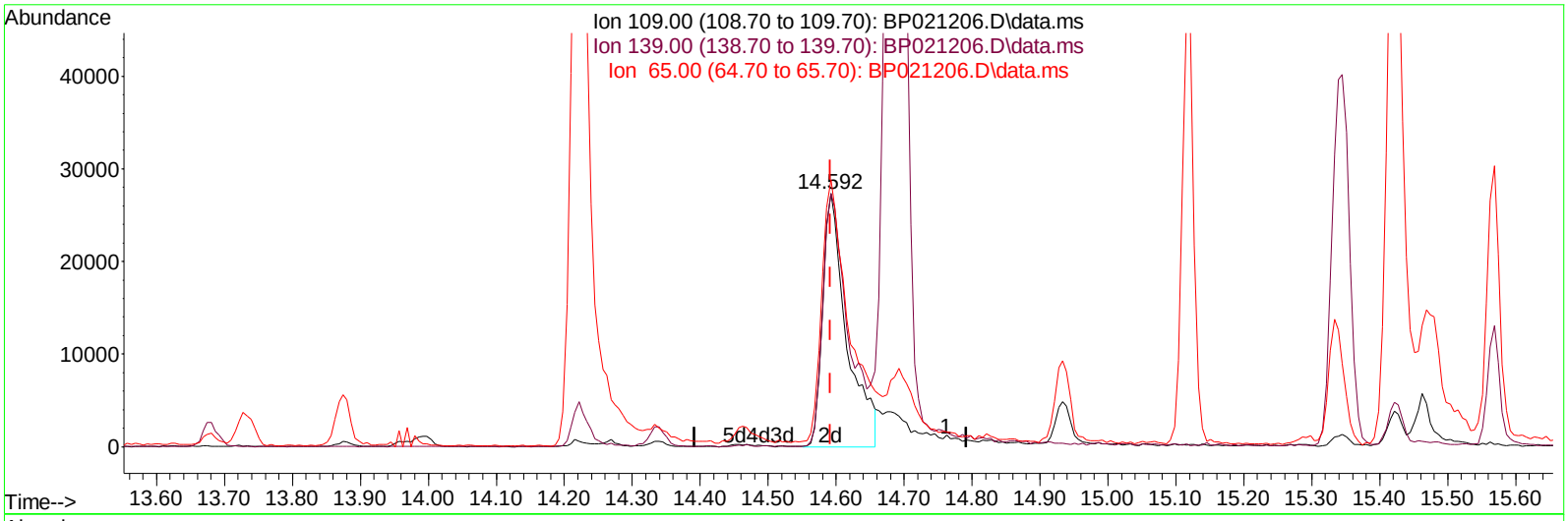
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021206.D
Acq On : 29 Jul 2024 12:05
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

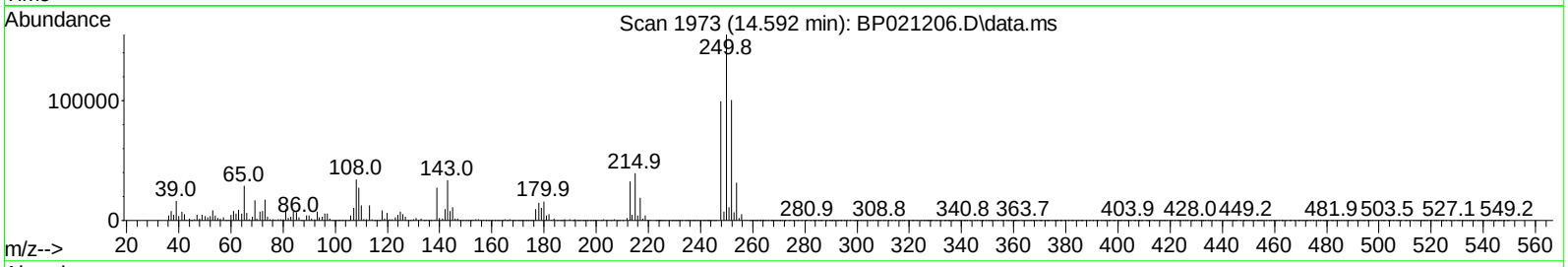
Quant Time: Jul 29 12:54:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

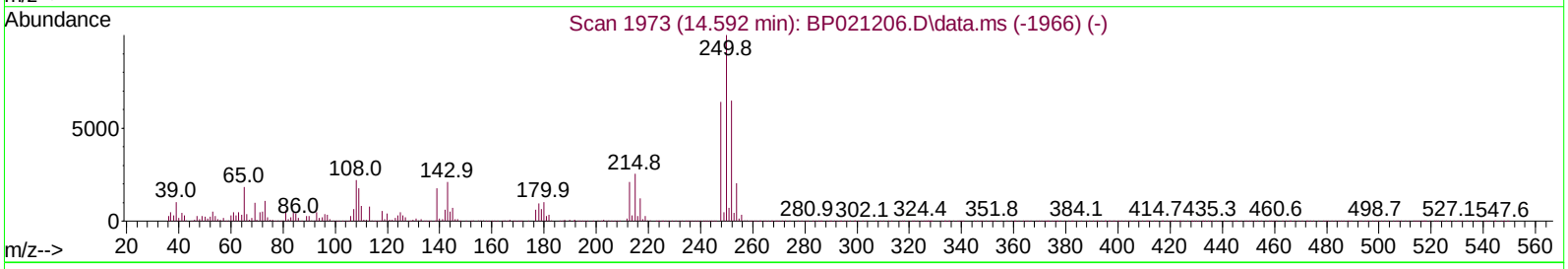
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020711

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 09/04/2024




TIC: BP021206.D\data.ms

**(55) 4-Nitrophenol**

**14.592min ( 0.000) 19.24 ng/ul m**

**response 67101**

| Ion | Exp% | Act% |
|---|---|---|
| 109.00 | 100.00 | 100.00 |
| 139.00 | 122.50 | 100.15 |
| 65.00 | 132.50 | 105.44# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021206.D
Acq On : 29 Jul 2024 12:05
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 12:57:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020711

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 09/04/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.634 | 152 | 166586 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.392 | 136 | 648332 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.269 | 164 | 414608 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.092 | 188 | 887821 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.533 | 240 | 918657 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.833 | 264 | 1053098 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.175 | 96 | 30072 | 8.215 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.593 | 84 | 198210 | 18.702 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.845 | 99 | 244422 | 17.997 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.981 | 67 | 153490 | 18.649 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.181 | 132 | 207437 | 18.538 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.363 | 113 | 194346 | 17.229 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.792 | 128 | 95725 | 19.009 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.504 | 143 | 107811 | 18.705 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.051 | 165 | 196836 | 18.887 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.557 | 131 | 266515 | 19.303 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.680 | 166 | 584041 | 19.378 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.963 | 160 | 667829 | 19.733 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.586 | 143 | 96677 | 22.545 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.286 | 176 | 493506 | 19.959 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.463 | 200 | 96881 | 18.035 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.192 | 188 | 793775 | 20.130 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.574 | 212 | 949981 | 16.726 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.597 | 264 | 1014625 | 19.535 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.204 | 88 | 33074 | 8.215 | ng/uL | 96 |
| 5) Pyridine | 3.610 | 79 | 202327 | 18.509 | ng/ul | 98 |
| 6) Benzaldehyde | 6.804 | 77 | 149925m | 21.897 | ng/ul | |
| 8) Phenol | 6.875 | 94 | 246226 | 17.917 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.075 | 93 | 205854 | 18.132 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.210 | 128 | 206934 | 18.451 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.098 | 108 | 189658 | 17.844 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.157 | 45 | 305512 | 18.627 | ng/ul | 97 |
| 16) Acetophenone | 8.457 | 105 | 312297 | 17.938 | ng/ul | 94 |
| 17) N-Nitroso-di-n-propyla... | 8.434 | 70 | 155917 | 17.093 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.428 | 108 | 202216 | 17.759 | ng/ul | 97 |
| 19) Hexachloroethane | 8.675 | 117 | 93996 | 18.651 | ng/ul | 99 |
| 22) Nitrobenzene | 8.839 | 77 | 237560 | 19.693 | ng/ul | 99 |
| 23) Isophorone | 9.345 | 82 | 427440 | 17.824 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.539 | 139 | 113320 | 18.852 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.604 | 107 | 226365 | 19.097 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.822 | 93 | 269556 | 18.492 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.081 | 162 | 194234 | 18.911 | ng/ul | 99 |
| 30) Naphthalene | 10.439 | 128 | 666465 | 19.543 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.586 | 127 | 254472 | 19.301 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.710 | 225 | 151797 | 19.710 | ng/ul | 99 |
| 34) Caprolactam | 11.404 | 113 | 58990m | 18.644 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.739 | 107 | 208756 | 18.698 | ng/ul | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021206.D
Acq On : 29 Jul 2024 12:05
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 12:57:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020711

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 09/04/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.069 | 142 | 438024 | 18.711 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.292 | 142 | 459574 | 19.088 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.439 | 216 | 264599 | 19.651 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.398 | 237 | 131677 | 18.694 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.704 | 196 | 156865 | 18.437 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 12.810 | 196 | 157104 | 17.452 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.086 | 154 | 585891 | 19.336 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.139 | 162 | 474327 | 19.609 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.369 | 65 | 129230 | 19.319 | ng/ul | 94 |
| 47) Dimethylphthalate | 13.733 | 163 | 580397 | 18.978 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.874 | 165 | 116044 | 18.980 | ng/ul | 98 |
| 50) Acenaphthylene | 13.992 | 152 | 746339 | 19.478 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.222 | 138 | 106911 | 20.094 | ng/ul | 99 |
| 52) Acenaphthene | 14.339 | 153 | 501176 | 19.706 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.463 | 184 | 68641 | 21.378 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.592 | 109 | 67101m | 19.236 | ng/ul | |
| 56) Dibenzofuran | 14.686 | 168 | 690659 | 19.831 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.698 | 165 | 172762 | 20.584 | ng/ul | 91 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.933 | 232 | 143790 | 18.653 | ng/ul | 99 |
| 59) Diethylphthalate | 15.121 | 149 | 598256 | 19.575 | ng/ul | 99 |
| 61) Fluorene | 15.345 | 166 | 563176 | 19.816 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.333 | 204 | 303984 | 19.712 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.427 | 138 | 106995 | 24.283 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.480 | 198 | 99547 | 17.475 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.569 | 169 | 473711 | 18.323 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.263 | 248 | 191787 | 18.430 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.374 | 284 | 224961 | 18.854 | ng/ul | 99 |
| 70) Atrazine | 16.557 | 200 | 186246 | 19.766 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.751 | 266 | 139349 | 21.503 | ng/ul | 97 |
| 72) Phenanthrene | 17.133 | 178 | 906227 | 19.676 | ng/ul | 100 |
| 74) Anthracene | 17.233 | 178 | 924973 | 19.700 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.057 | 216 | 259257 | 18.245 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.592 | 250 | 260331 | 18.437 | ng/uL | 100 |
| 77) Carbazole | 17.521 | 167 | 816586 | 21.275 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.098 | 149 | 1049990 | 19.828 | ng/ul | 99 |
| 80) Fluoranthene | 19.233 | 202 | 1108597 | 16.163 | ng/ul | 98 |
| 82) Pyrene | 19.609 | 202 | 1162818 | 16.660 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.551 | 149 | 493927 | 16.985 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.439 | 252 | 430491 | 20.508 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.509 | 228 | 1215013 | 18.881 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.421 | 149 | 739757 | 17.677 | ng/ul | 100 |
| 87) Chrysene | 21.586 | 228 | 1159005 | 19.382 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.680 | 149 | 1283444 | 18.449 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.786 | 252 | 1245554 | 19.490 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.850 | 252 | 1248451 | 19.575 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.680 | 252 | 1164067 | 19.276 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 28.597 | 276 | 1489914 | 19.146 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 28.638 | 278 | 1234219 | 19.153 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 29.762 | 276 | 1208933 | 19.075 | ng/ul | 99 |

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