Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
Data File : BM036767.D
Acq On : 27 Sep 2022 05:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020191

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 09/27/2022
Supervised By :mohammad ahmed 09/28/2022

Quant Time: Sep 27 05:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 23:10:22 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.999 | 152 | 406412 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.810 | 136 | 1731299 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.622 | 164 | 1042688 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.363 | 188 | 2005556 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.527 | 240 | 1540593 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.956 | 264 | 1247425 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.381 | 96 | 77441 | 7.143 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.811 | 84 | 599566 | 18.963 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.158 | 99 | 715032 | 19.688 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.328 | 67 | 432917 | 19.628 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.528 | 132 | 543532 | 20.787 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.710 | 113 | 548637 | 20.444 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.163 | 128 | 269868 | 23.030 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.887 | 143 | 262086 | 24.969 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.428 | 165 | 514932 | 21.169 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.945 | 131 | 785597 | 19.425 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.039 | 166 | 1391503 | 19.787 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.322 | 160 | 1681201 | 20.155 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.816 | 143 | 240592 | 17.639 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.610 | 176 | 1242277 | 19.712 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.728 | 200 | 156322 | 19.701 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.457 | 188 | 1826765 | 19.921 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.745 | 212 | 1889670 | 24.933 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.798 | 264 | 1246113 | 20.447 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.417 | 88 | 84452 | 7.231 | ng/uL | 93 |
| 5) Pyridine | 3.828 | 79 | 599226 | 18.864 | ng/ul | 96 |
| 6) Benzaldehyde | 7.134 | 77 | 401026m | 22.802 | ng/ul | |
| 8) Phenol | 7.181 | 94 | 763104 | 19.577 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.422 | 93 | 601390 | 19.829 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.557 | 128 | 591248 | 20.903 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.440 | 108 | 563983 | 19.684 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.534 | 45 | 704312 | 19.594 | ng/ul | 99 |
| 16) Acetophenone | 8.828 | 105 | 923331 | 19.836 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.816 | 70 | 450462 | 20.056 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.775 | 108 | 622401 | 20.089 | ng/ul | 96 |
| 19) Hexachloroethane | 9.081 | 117 | 231005 | 20.163 | ng/ul | 98 |
| 22) Nitrobenzene | 9.210 | 77 | 696275 | 22.379 | ng/ul | 98 |
| 23) Isophorone | 9.740 | 82 | 1228734 | 19.369 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.922 | 139 | 306323 | 23.628 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.981 | 107 | 661928 | 20.701 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.222 | 93 | 773440 | 20.455 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.451 | 162 | 541249 | 21.165 | ng/ul | 99 |
| 30) Naphthalene | 10.857 | 128 | 1920301 | 20.361 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.969 | 127 | 806174 | 19.307 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.146 | 225 | 306518 | 19.598 | ng/ul | 100 |
| 34) Caprolactam | 11.757 | 113 | 148659 | 17.921 | ng/ul | 96 |
| 35) 4-Chloro-3-methylphenol | 12.087 | 107 | 584112 | 20.692 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.463 | 142 | 1259589 | 20.045 | ng/ul | 98 |

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Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020191

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 09/27/2022
Supervised By :mohammad ahmed 09/28/2022

Quant Time: Sep 27 05:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 23:10:22 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.681 | 142 | 1258325 | 19.919 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.822 | 216 | 609389 | 20.649 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.804 | 237 | 247205 | 16.073 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 13.063 | 196 | 384240 | 21.264 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.134 | 196 | 423017 | 21.835 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.463 | 154 | 1599462 | 20.809 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.504 | 162 | 1254237 | 20.795 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.710 | 65 | 350872 | 23.635 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.086 | 163 | 1477513 | 19.807 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.204 | 165 | 279257 | 23.026 | ng/ul | 97 |
| 50) Acenaphthylene | 14.345 | 152 | 1924008 | 20.174 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.528 | 138 | 304594 | 20.940 | ng/ul# | 97 |
| 52) Acenaphthene | 14.686 | 153 | 1347847 | 20.199 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.733 | 184 | 91508 | 17.004 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.828 | 109 | 207047 | 17.757 | ng/ul | 99 |
| 56) Dibenzofuran | 15.022 | 168 | 1797375 | 20.056 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.981 | 165 | 397677 | 22.555 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.245 | 232 | 327539 | 20.197 | ng/ul | 99 |
| 59) Diethylphthalate | 15.439 | 149 | 1478231 | 19.795 | ng/ul | 99 |
| 61) Fluorene | 15.669 | 166 | 1517828 | 19.886 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.663 | 204 | 713772 | 19.554 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.686 | 138 | 275011 | 19.460 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.739 | 198 | 173033 | 19.324 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.875 | 169 | 1233028 | 20.874 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.551 | 248 | 253707 | 12.834 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.663 | 284 | 435024 | 18.606 | ng/ul | 95 |
| 70) Atrazine | 16.827 | 200 | 392716 | 18.840 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.010 | 266 | 238620 | 17.182 | ng/ul | 98 |
| 72) Phenanthrene | 17.404 | 178 | 2257305 | 20.434 | ng/ul | 99 |
| 74) Anthracene | 17.492 | 178 | 2263449 | 20.158 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.428 | 216 | 592475 | 21.599 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.939 | 250 | 609560 | 20.546 | ng/uL | 99 |
| 77) Carbazole | 17.763 | 167 | 1975502 | 19.003 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.327 | 149 | 2422079 | 20.556 | ng/ul | 100 |
| 80) Fluoranthene | 19.410 | 202 | 2352984 | 25.335 | ng/ul | 100 |
| 82) Pyrene | 19.768 | 202 | 2460747 | 25.030 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.668 | 149 | 957300 | 25.698 | ng/ul | 95 |
| 84) 3,3'-Dichlorobenzidine | 21.445 | 252 | 574713 | 19.092 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.515 | 228 | 1989496 | 20.611 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.439 | 149 | 1472845 | 27.066 | ng/ul | 99 |
| 87) Chrysene | 21.568 | 228 | 1865506 | 20.361 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.374 | 149 | 2153487 | 28.635 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.215 | 252 | 1685751 | 21.311 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.262 | 252 | 1664779 | 21.062 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 23.851 | 252 | 1428881 | 20.548 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.492 | 276 | 1537193 | 18.929 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.503 | 278 | 1388305 | 18.851 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.262 | 276 | 1349576 | 19.170 | ng/ul | 98 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
Data File : BM036767.D
Acq On : 27 Sep 2022 05:04
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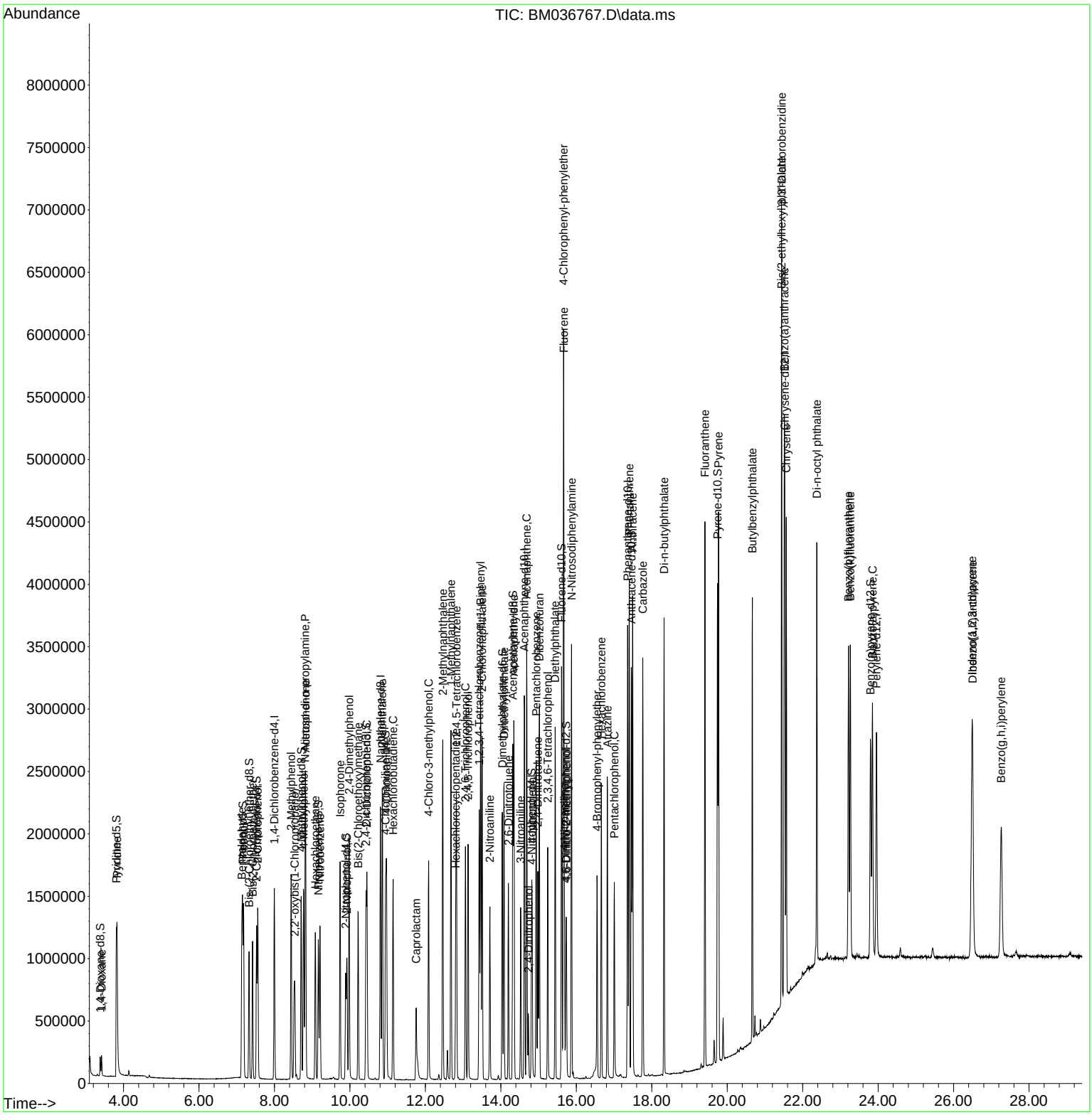
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 27 05:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 23:10:22 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020191

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 09/27/2022
Supervised By :mohammad ahmed 09/28/2022



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
Data File : BM036767.D
Acq On : 27 Sep 2022 05:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 27 05:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
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**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 09/27/2022
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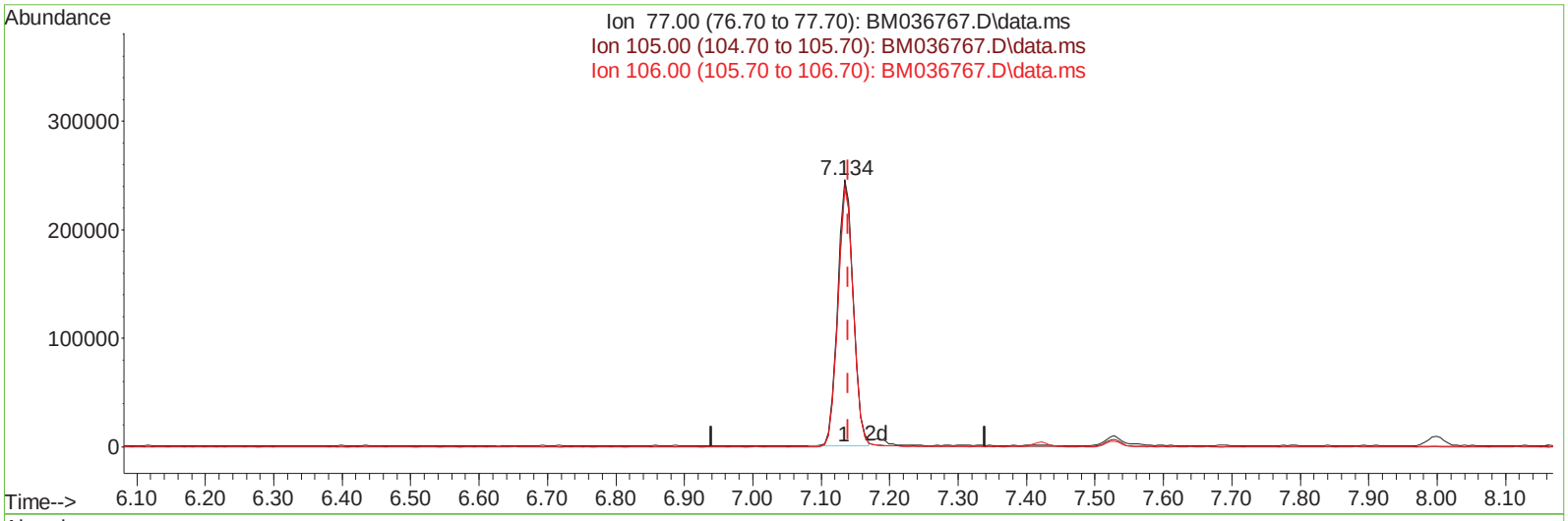


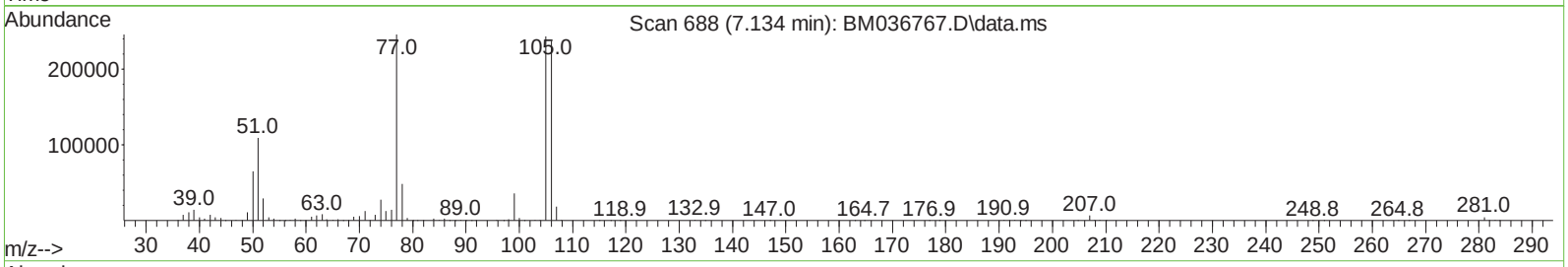


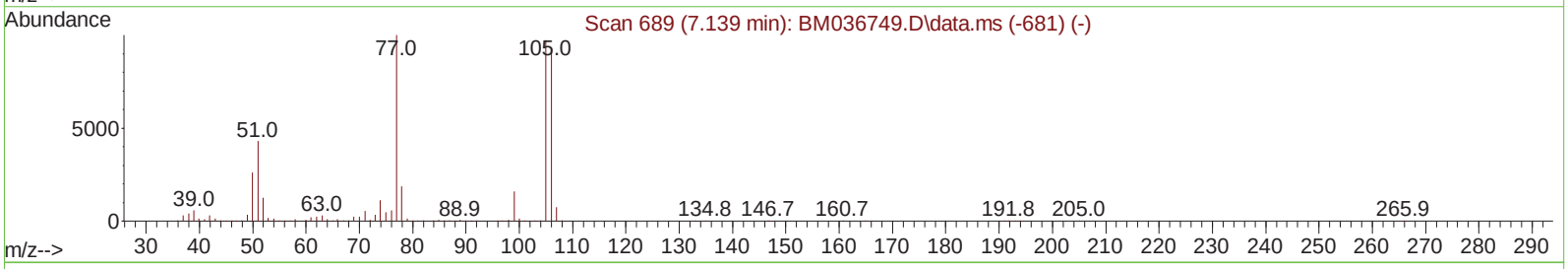


TIC: BM036767.D\data.ms

**(6) Benzaldehyde**

**7.134min (-0.005) 22.18 ng/ul**

**response 390095**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 93.90 | 98.99 |
| 106.00 | 91.30 | 96.75 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
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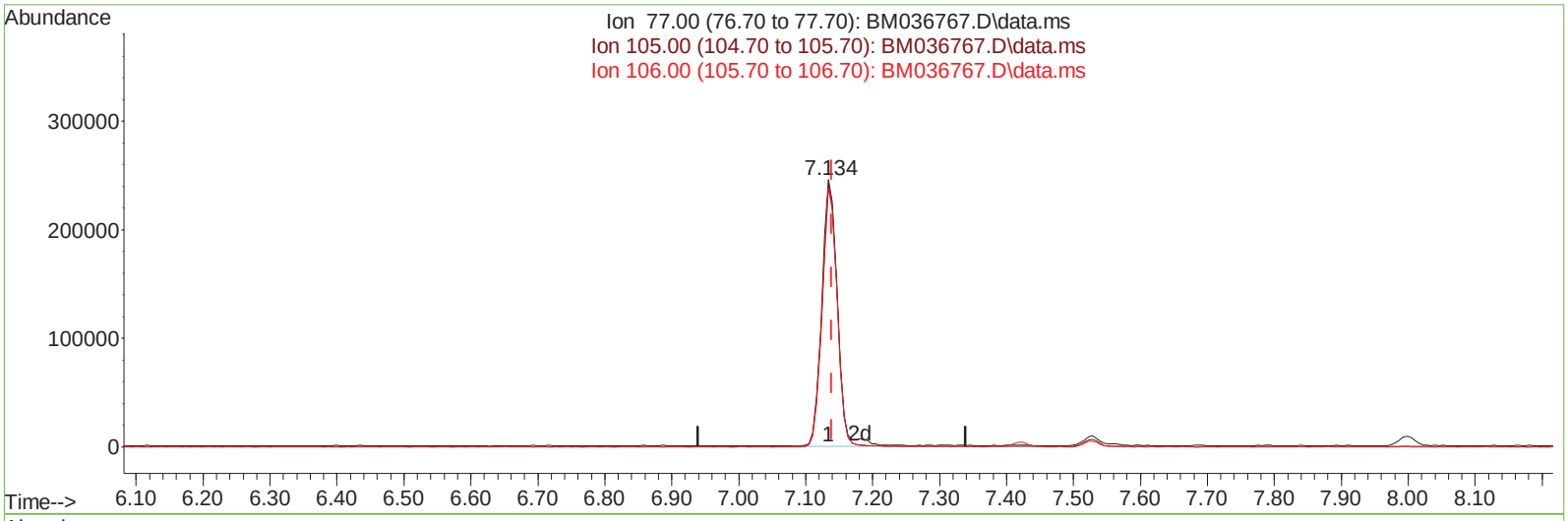


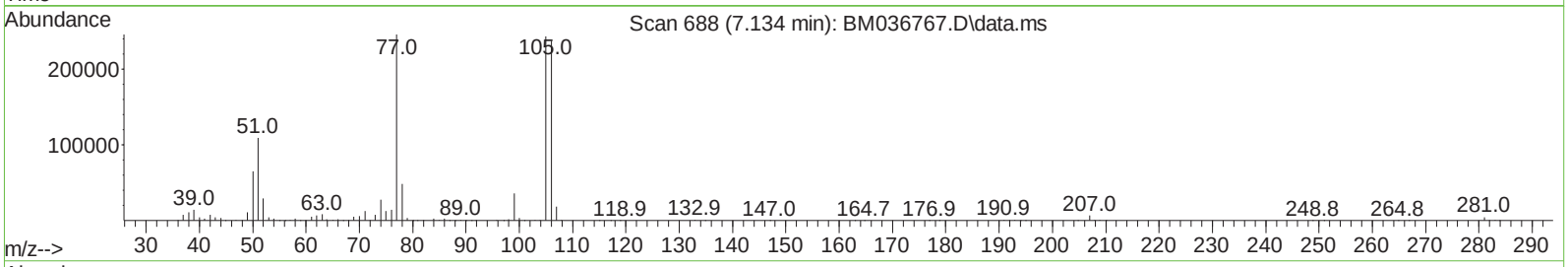


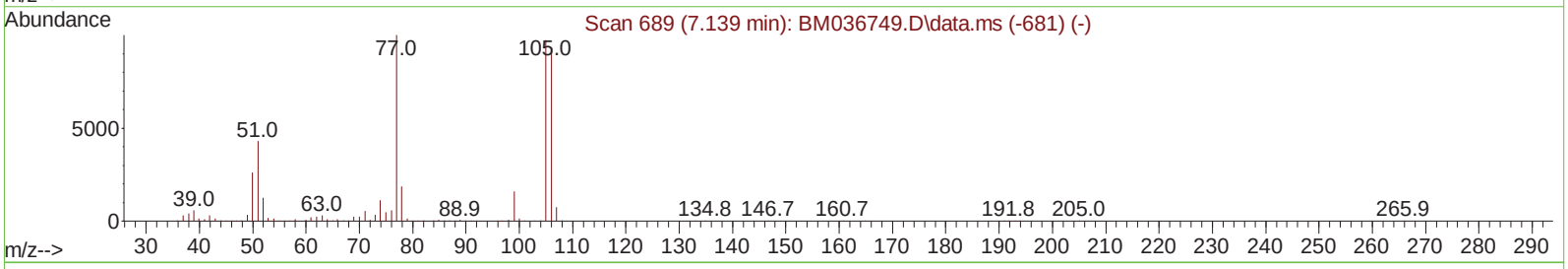


TIC: BM036767.D\data.ms

**(6) Benzaldehyde**

**7.134min (-0.005) 22.80 ng/ul m**

**response 401026**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 93.90 | 98.99 |
| 106.00 | 91.30 | 96.75 |
| 0.00 | 0.00 | 0.00 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.999 | 152 | 406412 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.810 | 136 | 1731299 | 20.000 | ng/ul | 0.00 |
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| 46) Dimethylphthalate-d6 | 14.039 | 166 | 1391503 | 19.787 | ng/ul | 0.00 |
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| 73) Anthracene-d10 | 17.457 | 188 | 1826765 | 19.921 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.745 | 212 | 1889670 | 24.933 | ng/ul | 0.00 |
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Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020191

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 09/27/2022
Supervised By :mohammad ahmed 09/28/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.463 | 142 | 1259589 | 20.045 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.681 | 142 | 1258325 | 19.919 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.822 | 216 | 609389 | 20.649 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.804 | 237 | 247205 | 16.073 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 13.063 | 196 | 384240 | 21.264 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.134 | 196 | 423017 | 21.835 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.463 | 154 | 1599462 | 20.809 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.504 | 162 | 1254237 | 20.795 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.710 | 65 | 350872 | 23.635 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.086 | 163 | 1477513 | 19.807 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.204 | 165 | 279257 | 23.026 | ng/ul | 97 |
| 50) Acenaphthylene | 14.345 | 152 | 1924008 | 20.174 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.528 | 138 | 304594 | 20.940 | ng/ul# | 97 |
| 52) Acenaphthene | 14.686 | 153 | 1347847 | 20.199 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.733 | 184 | 91508 | 17.004 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.828 | 109 | 207047 | 17.757 | ng/ul | 99 |
| 56) Dibenzofuran | 15.022 | 168 | 1797375 | 20.056 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.981 | 165 | 397677 | 22.555 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.245 | 232 | 327539 | 20.197 | ng/ul | 99 |
| 59) Diethylphthalate | 15.439 | 149 | 1478231 | 19.795 | ng/ul | 99 |
| 61) Fluorene | 15.669 | 166 | 1517828 | 19.886 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.663 | 204 | 713772 | 19.554 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.686 | 138 | 275011 | 19.460 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.739 | 198 | 173033 | 19.324 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.875 | 169 | 1233028 | 20.874 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.551 | 248 | 253707 | 12.834 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.663 | 284 | 435024 | 18.606 | ng/ul | 95 |
| 70) Atrazine | 16.827 | 200 | 392716 | 18.840 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.010 | 266 | 238620 | 17.182 | ng/ul | 98 |
| 72) Phenanthrene | 17.404 | 178 | 2257305 | 20.434 | ng/ul | 99 |
| 74) Anthracene | 17.492 | 178 | 2263449 | 20.158 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.428 | 216 | 592475 | 21.599 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.939 | 250 | 609560 | 20.546 | ng/uL | 99 |
| 77) Carbazole | 17.763 | 167 | 1975502 | 19.003 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.327 | 149 | 2422079 | 20.556 | ng/ul | 100 |
| 80) Fluoranthene | 19.410 | 202 | 2352984 | 25.335 | ng/ul | 100 |
| 82) Pyrene | 19.768 | 202 | 2460747 | 25.030 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.668 | 149 | 957300 | 25.698 | ng/ul | 95 |
| 84) 3,3'-Dichlorobenzidine | 21.445 | 252 | 574713 | 19.092 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.515 | 228 | 1989496 | 20.611 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.439 | 149 | 1472845 | 27.066 | ng/ul | 99 |
| 87) Chrysene | 21.568 | 228 | 1865506 | 20.361 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.374 | 149 | 2153487 | 28.635 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.215 | 252 | 1685751 | 21.311 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.262 | 252 | 1664779 | 21.062 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 23.851 | 252 | 1428881 | 20.548 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.492 | 276 | 1537193 | 18.929 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.503 | 278 | 1388305 | 18.851 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.262 | 276 | 1349576 | 19.170 | ng/ul | 98 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
Data File : BM036767.D
Acq On : 27 Sep 2022 05:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 27 05:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 23:10:22 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020191

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 09/27/2022
Supervised By :mohammad ahmed 09/28/2022