Quantitation Report (Qedit)

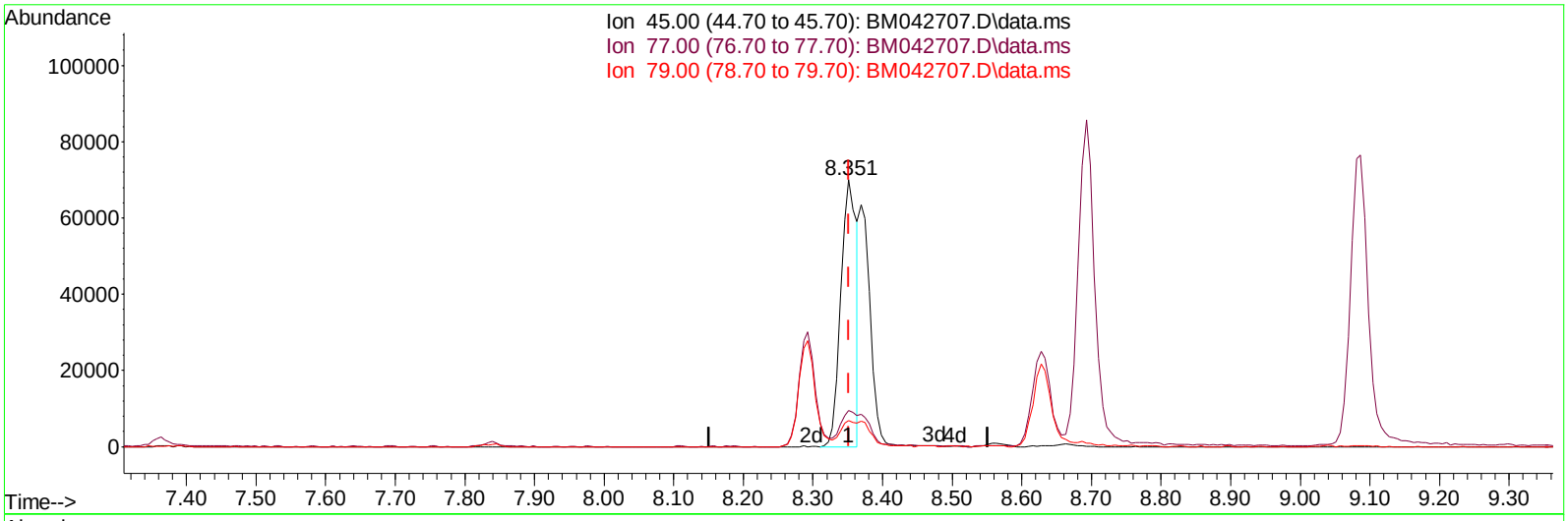
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042707.D
Acq On : 13 Nov 2023 14:26
Operator : MA/JU
Sample : SSTD04066
Misc :
ALS Vial : 5 Sample Multiplier: 1

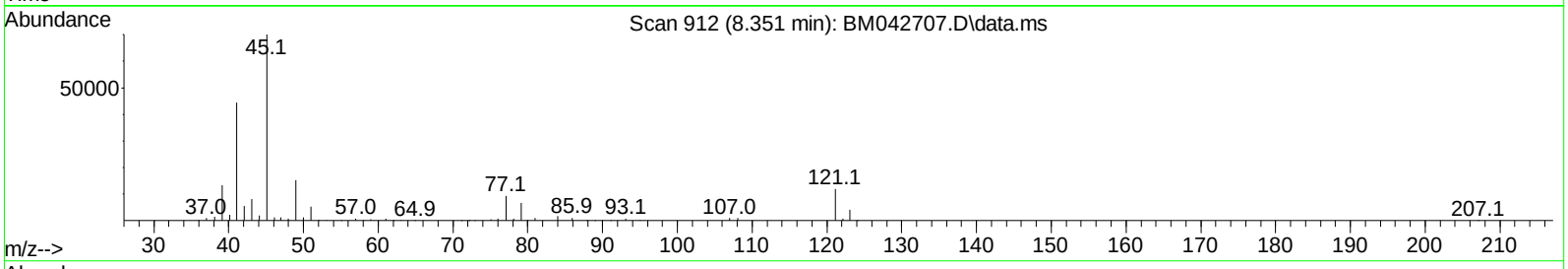
Quant Time: Nov 13 16:36:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:28:11 2023
Response via : Initial Calibration

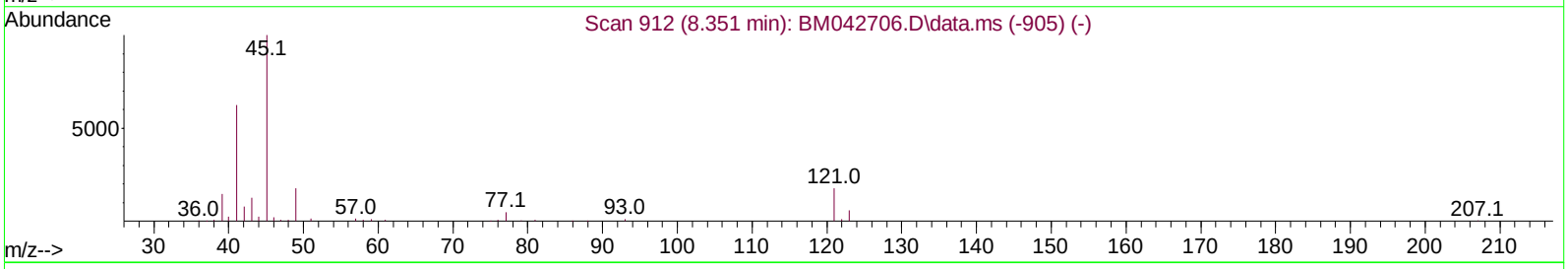
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD040030

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/19/2023




TIC: BM042707.D\data.ms

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

**8.351min (+ 0.000) 25.43 ng/ul**

**response 110833**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.20 | 13.47 |
| 79.00 | 10.20 | 9.71 |
| 0.00 | 0.00 | 0.00 |

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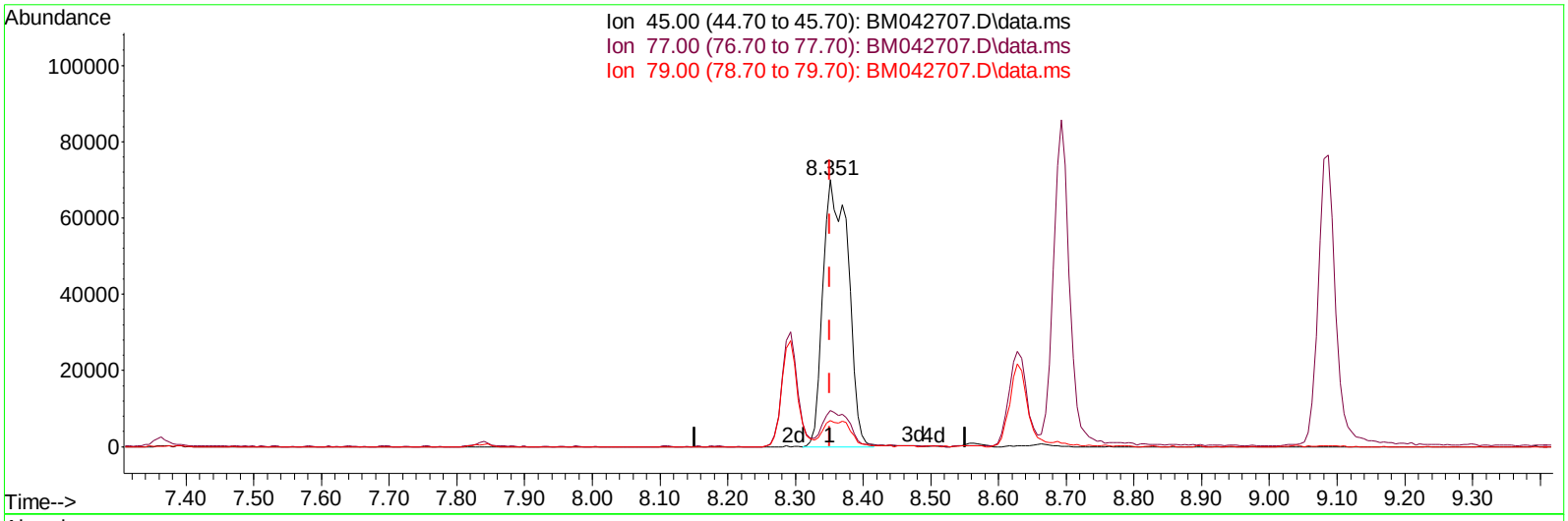


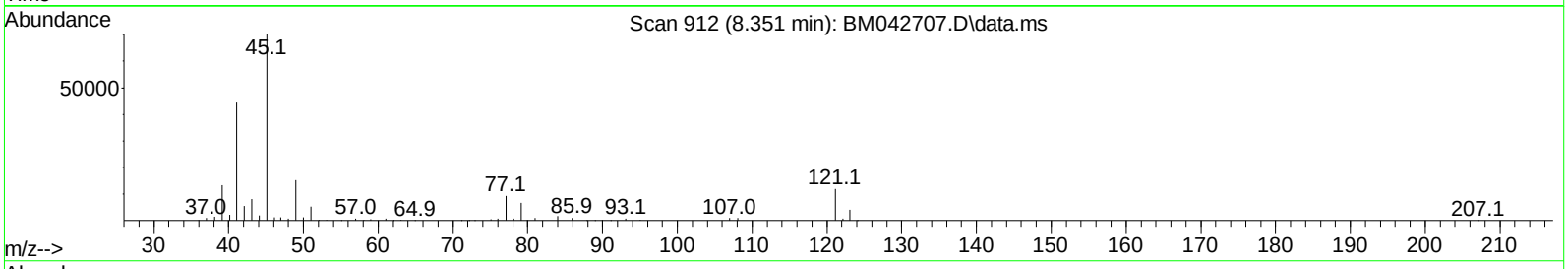


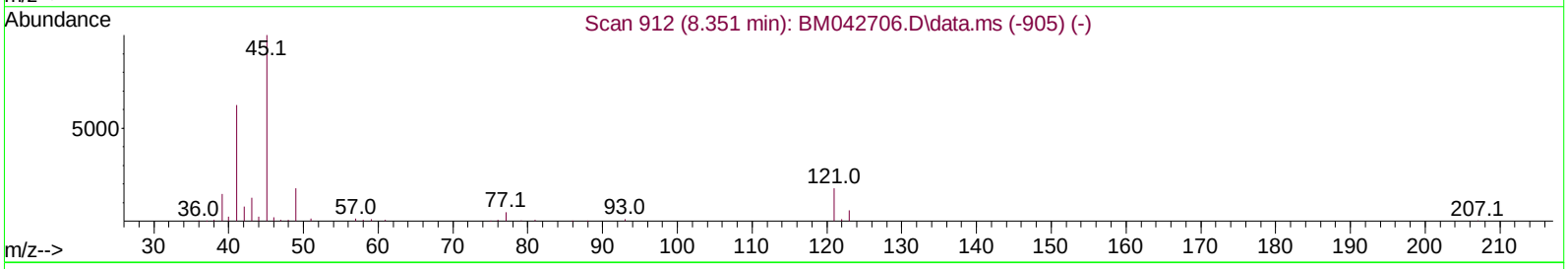


TIC: BM042707.D\data.ms

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

**8.351min (+ 0.000) 41.43 ng/ul m**

**response 180538**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.20 | 13.47 |
| 79.00 | 10.20 | 9.71 |
| 0.00 | 0.00 | 0.00 |

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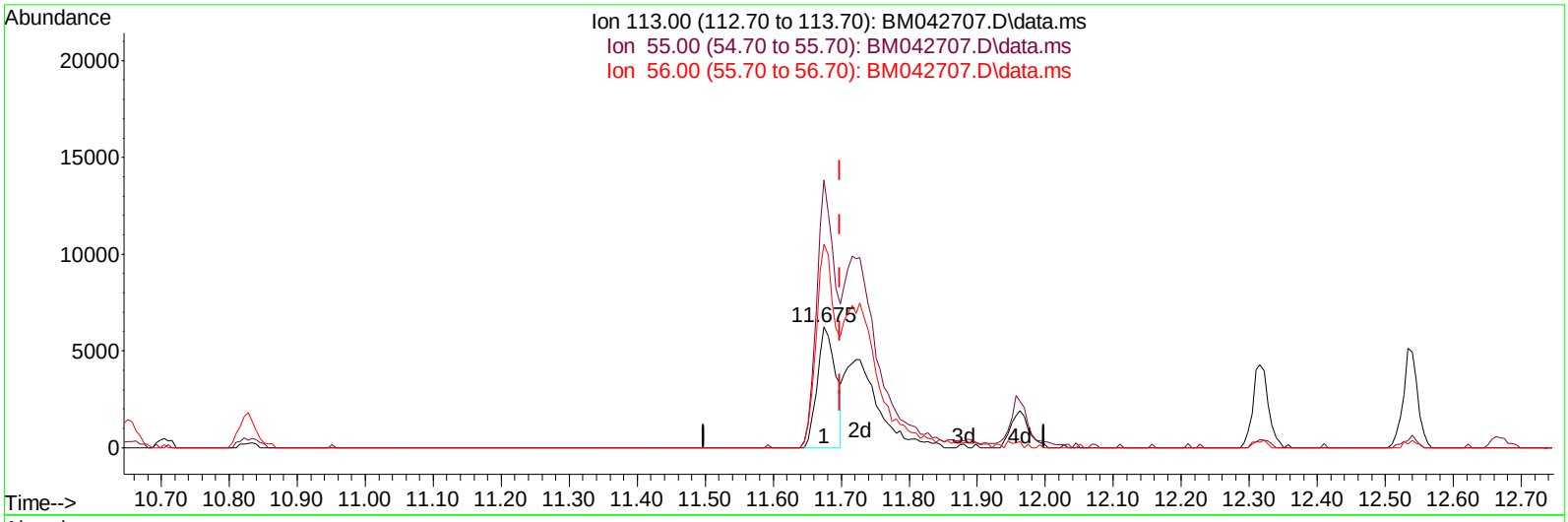


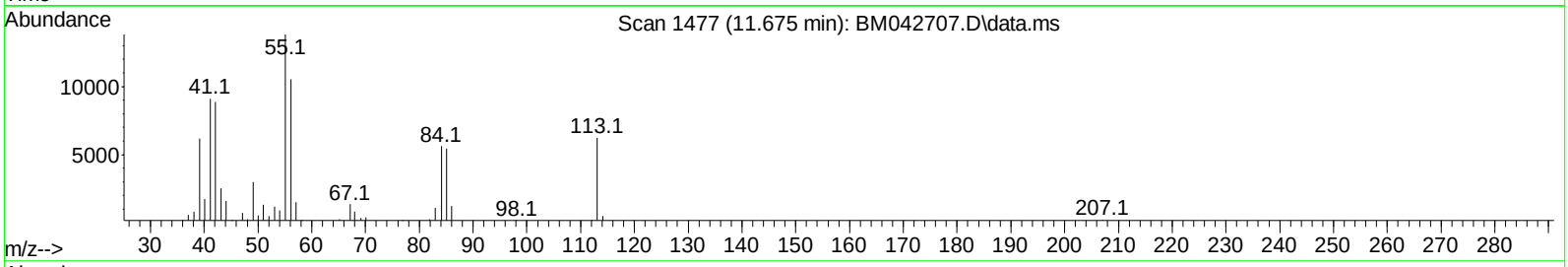


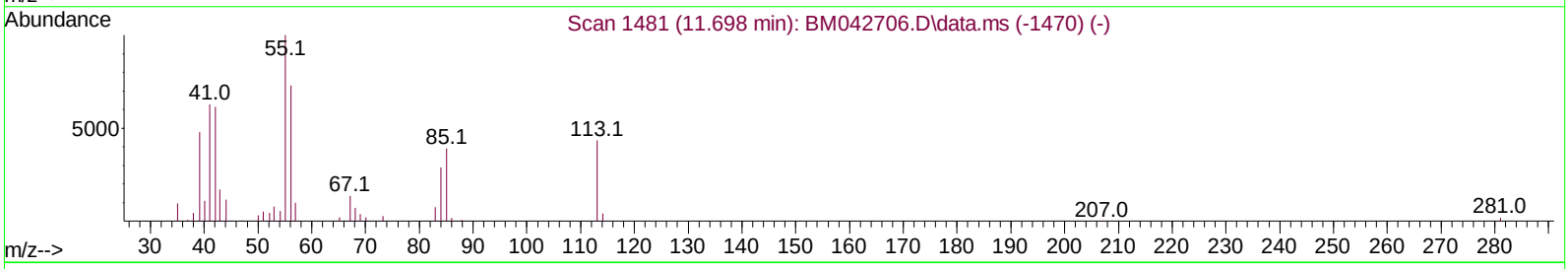


TIC: BM042707.D\data.ms

**(34) Caprolactam**

**11.675min (-0.023) 18.33 ng/ul**

**response 11768**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 230.20 | 221.01 |
| 56.00 | 167.90 | 168.31 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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**ClientSampleId :**
SSTD040030

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/14/2023
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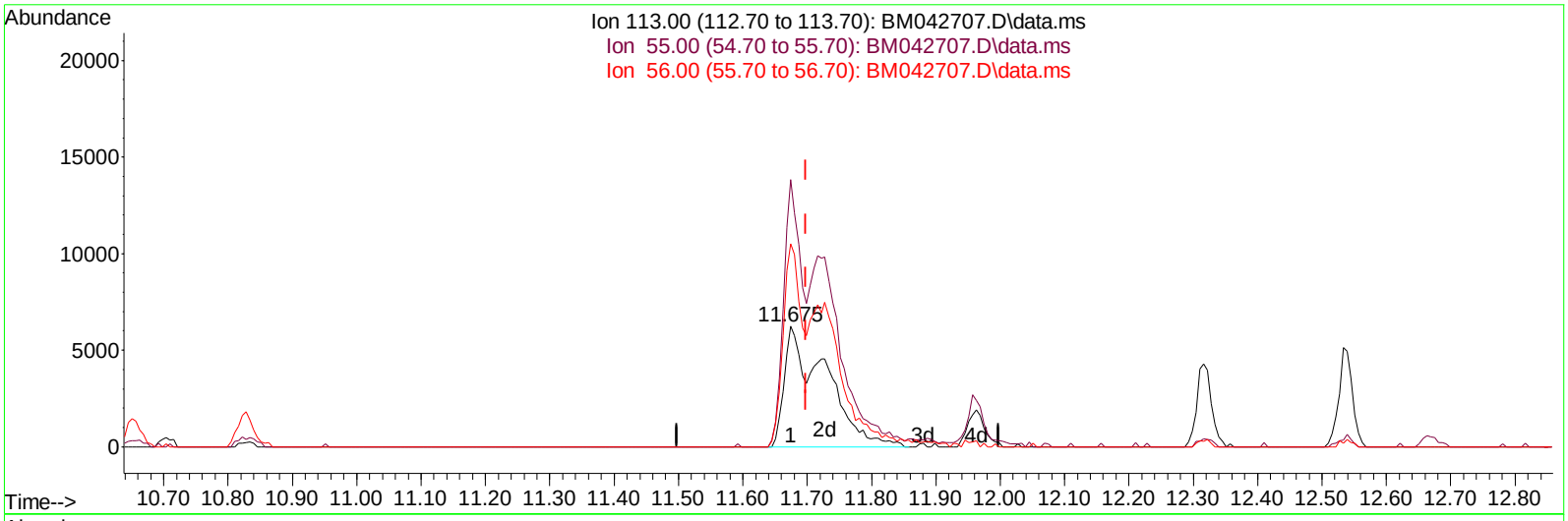


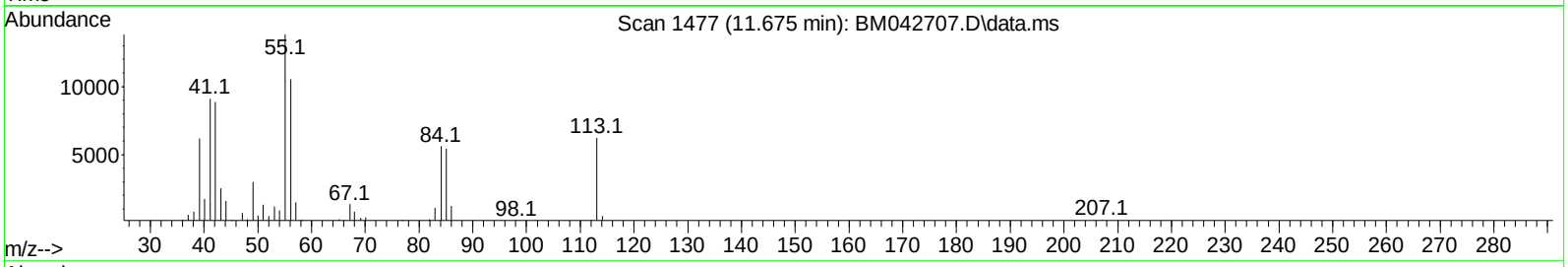


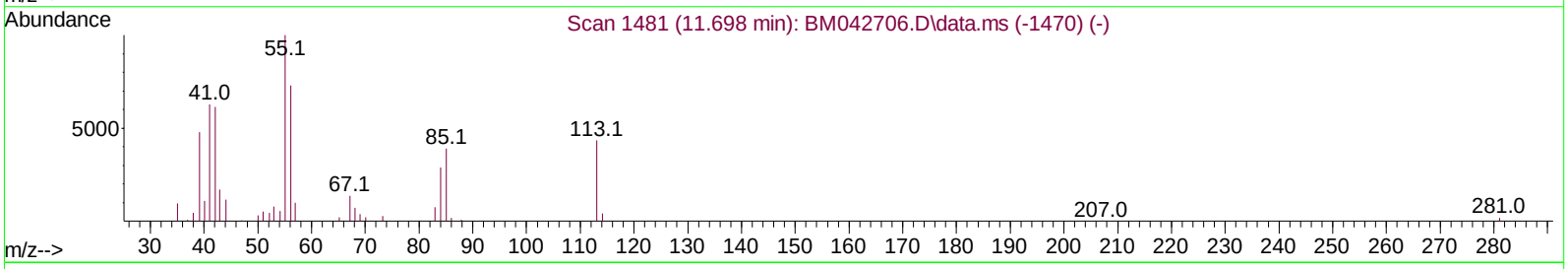


TIC: BM042707.D\data.ms

**(34) Caprolactam**

**11.675min (-0.023) 42.94 ng/ul m**

**response 27572**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 230.20 | 221.01 |
| 56.00 | 167.90 | 168.31 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_M
**ClientSampleId :**
SSTD040030

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/19/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.840 | 152 | 29872 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.657 | 136 | 119944 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.498 | 164 | 84037 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.251 | 188 | 188157 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.433 | 240 | 195641 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.803 | 264 | 214464 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.181 | 96 | 15149 | 15.912 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.622 | 84 | 101880 | 43.023 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.004 | 99 | 121285 | 41.717 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.187 | 67 | 86341 | 42.264 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.363 | 132 | 92125 | 41.067 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.563 | 113 | 95324 | 41.642 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.040 | 128 | 45903 | 43.650 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.751 | 143 | 53876 | 43.794 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.275 | 165 | 101436 | 44.345 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.828 | 131 | 122853 | 42.300 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.916 | 166 | 324545 | 40.805 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.198 | 160 | 351696 | 41.328 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.745 | 143 | 36880 | 41.042 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.492 | 176 | 270462 | 41.065 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.639 | 200 | 59072 | 41.447 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.351 | 188 | 432141 | 40.981 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.645 | 212 | 538923 | 42.066 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.650 | 264 | 533655 | 41.600 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.216 | 88 | 16490 | 16.265 | ng/uL | 97 |
| 5) Pyridine | 3.640 | 79 | 109609 | 42.566 | ng/ul | 97 |
| 6) Benzaldehyde | 7.004 | 77 | 75073 | 45.007 | ng/ul | 99 |
| 8) Phenol | 7.034 | 94 | 120476 | 41.660 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.281 | 93 | 96514 | 40.403 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.393 | 128 | 92747 | 41.544 | ng/ul | 95 |
| 13) 2-Methylphenol | 8.293 | 108 | 89231 | 41.378 | ng/ul | 95 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.351 | 45 | 180538m | 41.430 | ng/ul | |
| 16) Acetophenone | 8.693 | 105 | 156173 | 40.574 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.663 | 70 | 95580 | 40.791 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.628 | 108 | 97029 | 41.385 | ng/ul | 99 |
| 19) Hexachloroethane | 8.892 | 117 | 49123 | 39.478 | ng/ul | 95 |
| 22) Nitrobenzene | 9.087 | 77 | 137711 | 43.328 | ng/ul | 96 |
| 23) Isophorone | 9.592 | 82 | 264019 | 41.707 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.787 | 139 | 55104 | 44.088 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.828 | 107 | 115438 | 43.167 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.081 | 93 | 134775 | 42.133 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.304 | 162 | 98001 | 45.252 | ng/ul | 100 |
| 30) Naphthalene | 10.704 | 128 | 309425 | 41.178 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.851 | 127 | 121467 | 43.594 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.928 | 225 | 80132 | 41.887 | ng/ul | 97 |
| 34) Caprolactam | 11.675 | 113 | 27572m | 42.941 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.963 | 107 | 101007 | 43.526 | ng/ul | 94 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.316 | 142 | 213306 | 42.354 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.539 | 142 | 216889 | 40.960 | ng/ul | 95 |
| 39) 1,2,4,5-Tetrachloroben... | 12.669 | 216 | 136842 | 41.520 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.610 | 237 | 64081 | 41.069 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 12.928 | 196 | 85015 | 42.230 | ng/ul | 94 |
| 42) 2,4,5-Trichlorophenol | 13.004 | 196 | 84895 | 43.672 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.333 | 154 | 291464 | 41.588 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.380 | 162 | 234431 | 41.580 | ng/ul | 97 |
| 45) 2-Nitroaniline | 13.627 | 65 | 82511 | 44.874 | ng/ul | 96 |
| 47) Dimethylphthalate | 13.969 | 163 | 319548 | 41.249 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.116 | 165 | 61872 | 42.513 | ng/ul | 99 |
| 50) Acenaphthylene | 14.227 | 152 | 390203 | 40.921 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.457 | 138 | 52170 | 43.837 | ng/ul | 98 |
| 52) Acenaphthene | 14.563 | 153 | 260814 | 40.443 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.669 | 184 | 30424 | 42.042 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.757 | 109 | 58805 | 52.710 | ng/ul | 97 |
| 56) Dibenzofuran | 14.898 | 168 | 371638 | 41.520 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.904 | 165 | 94384 | 44.174 | ng/ul | 83 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.121 | 232 | 84422 | 41.838 | ng/ul | 94 |
| 59) Diethylphthalate | 15.316 | 149 | 332038 | 40.875 | ng/ul | 99 |
| 61) Fluorene | 15.545 | 166 | 315997 | 41.582 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.539 | 204 | 173077 | 42.260 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.627 | 138 | 46477 | 44.292 | ng/ul | 89 |
| 66) 4,6-Dinitro-2-methylph... | 15.651 | 198 | 60785 | 41.892 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.769 | 169 | 246928 | 41.843 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.433 | 248 | 103099 | 41.165 | ng/ul | 94 |
| 69) Hexachlorobenzene | 16.516 | 284 | 126012 | 41.157 | ng/ul | 99 |
| 70) Atrazine | 16.715 | 200 | 96928 | 42.641 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.886 | 266 | 72880 | 41.337 | ng/ul | 98 |
| 72) Phenanthrene | 17.292 | 178 | 481820 | 40.990 | ng/ul | 98 |
| 74) Anthracene | 17.386 | 178 | 488251 | 41.295 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.286 | 216 | 138271 | 41.559 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.792 | 250 | 145219 | 41.598 | ng/uL | 97 |
| 77) Carbazole | 17.674 | 167 | 404817 | 41.465 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.192 | 149 | 586874 | 41.109 | ng/ul | 99 |
| 80) Fluoranthene | 19.309 | 202 | 614082 | 42.039 | ng/ul | 100 |
| 82) Pyrene | 19.674 | 202 | 641546 | 41.421 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.556 | 149 | 273575 | 41.354 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.362 | 252 | 216779 | 43.294 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.415 | 228 | 636235 | 41.428 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.298 | 149 | 415101 | 41.357 | ng/ul | 99 |
| 87) Chrysene | 21.474 | 228 | 613334 | 41.179 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.215 | 149 | 717118 | 41.395 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.074 | 252 | 618574 | 42.264 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.121 | 252 | 636498 | 40.853 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.697 | 252 | 598923 | 41.995 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.285 | 276 | 738477 | 41.664 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.297 | 278 | 616946 | 41.984 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.056 | 276 | 585582 | 41.605 | ng/ul | 97 |

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

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