Quantitation Report (Qedit)

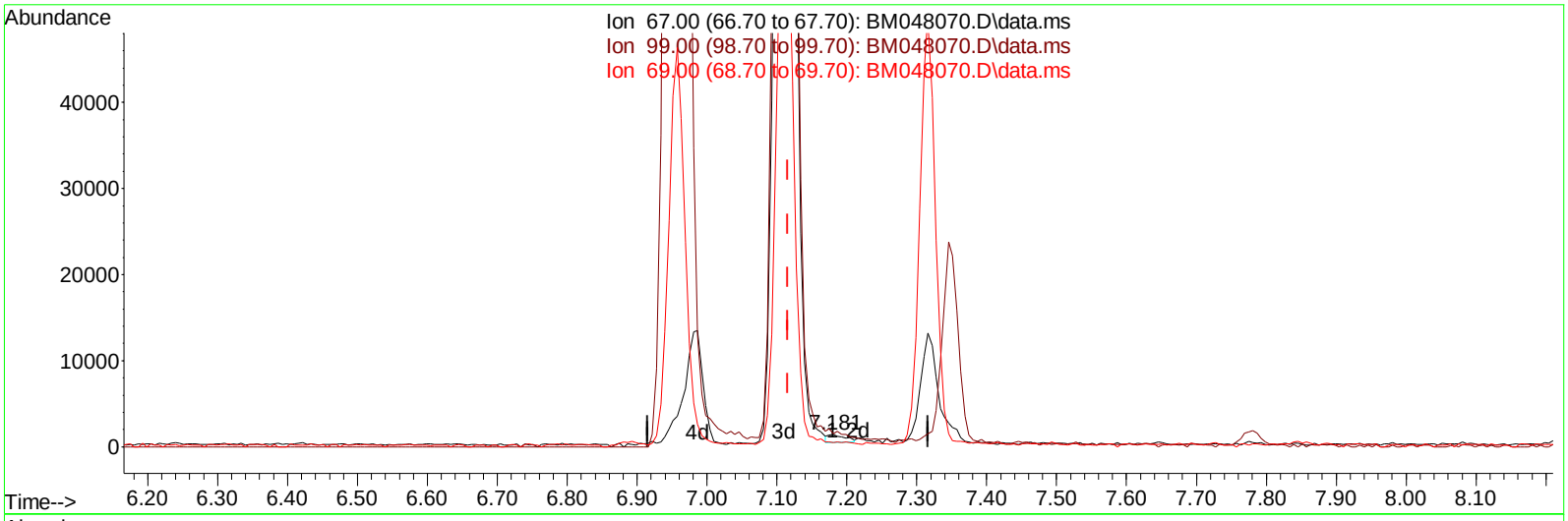
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048070.D
Acq On : 15 Oct 2024 21:05
Operator : RC/JU
Sample : P4350-14MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

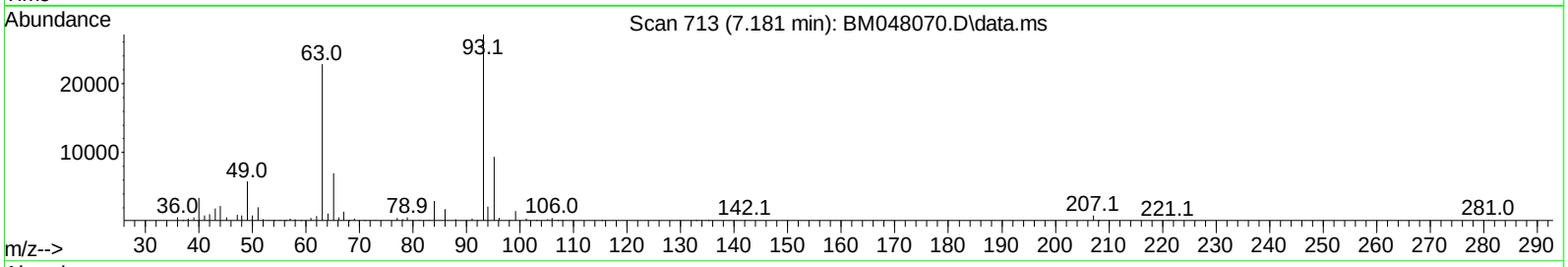
Quant Time: Oct 15 23:03:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

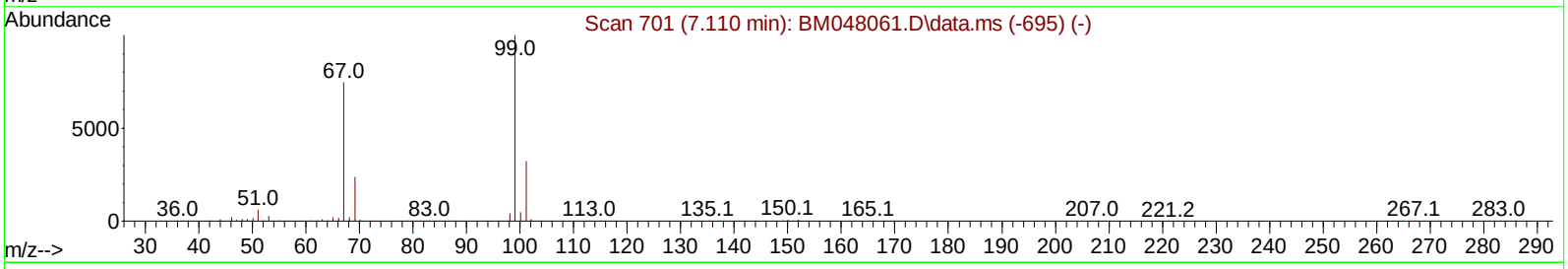
**Instrument :**
BNA_M
**ClientSampleId :**
EOAK1MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024




TIC: BM048070.D\data.ms

**(9) Bis-(2-Chloroethyl)ether-d8 (S)**

**7.181min (+ 0.065) 0.09 ng/ul**

**response 1569**

| Ion | Exp% | Act% |
|---|---|---|
| 67.00 | 100.00 | 100.00 |
| 99.00 | 106.00 | 105.56 |
| 69.00 | 32.00 | 32.68 |
| 0.00 | 0.00 | 0.00 |

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EOAK1MSD

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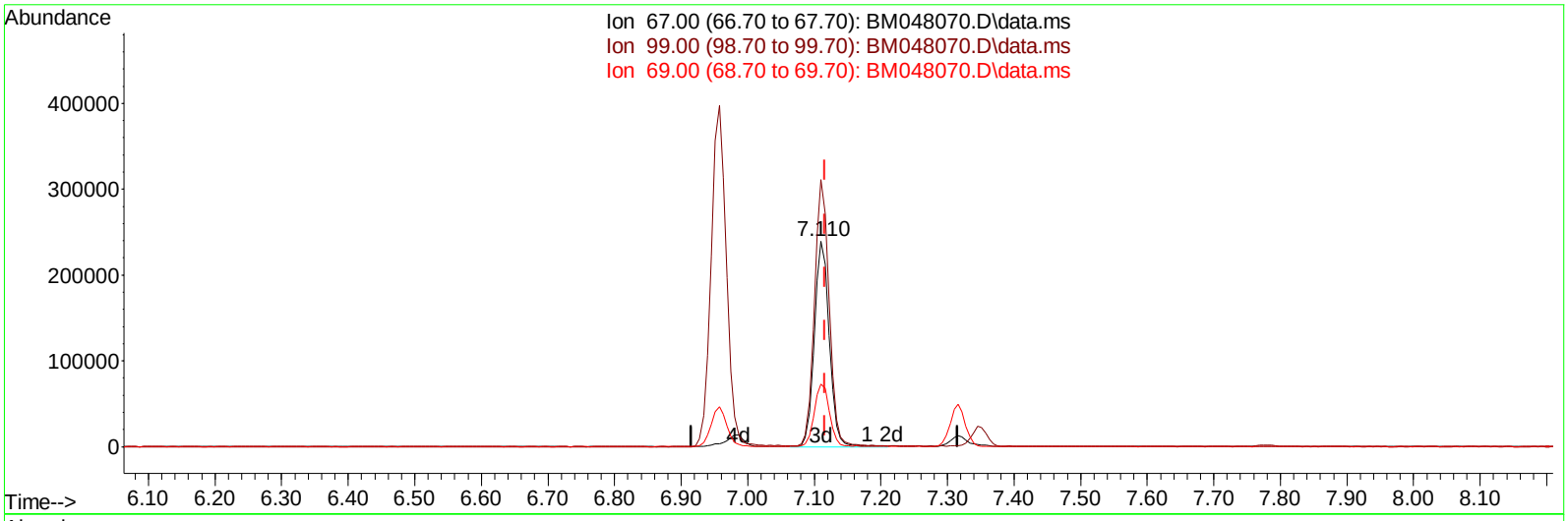


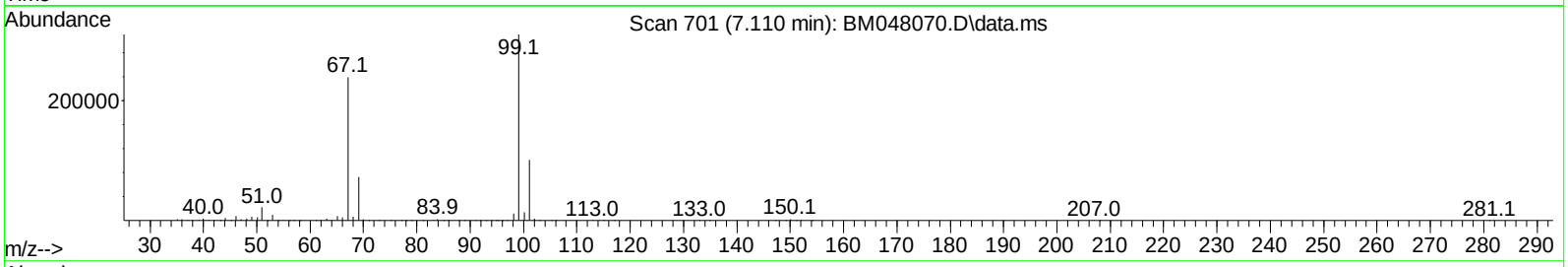


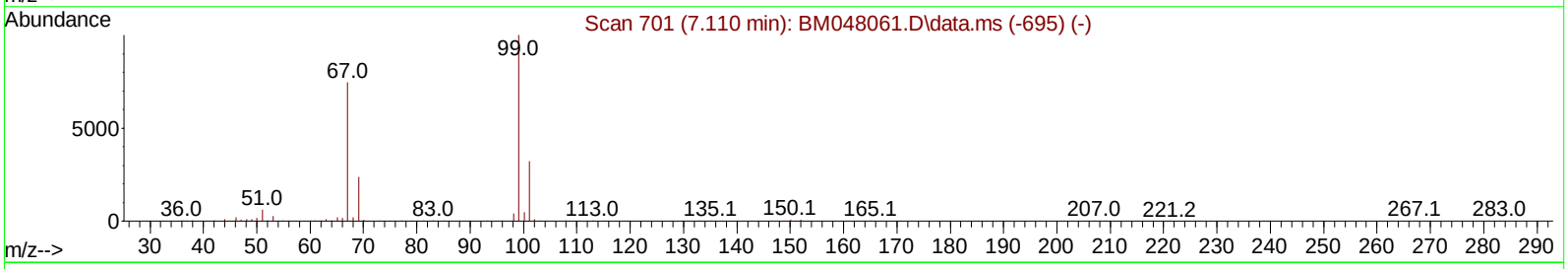


TIC: BM048070.D\data.ms

**(9) Bis-(2-Chloroethyl)ether-d8 (S)**

**7.110min (-0.006) 20.46 ng/ul m**

**response 373072**

| Ion | Exp% | Act% |
|---|---|---|
| 67.00 | 100.00 | 100.00 |
| 99.00 | 106.00 | 129.79# |
| 69.00 | 32.00 | 30.62 |
| 0.00 | 0.00 | 0.00 |

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BNA_M
**ClientSampleId :**
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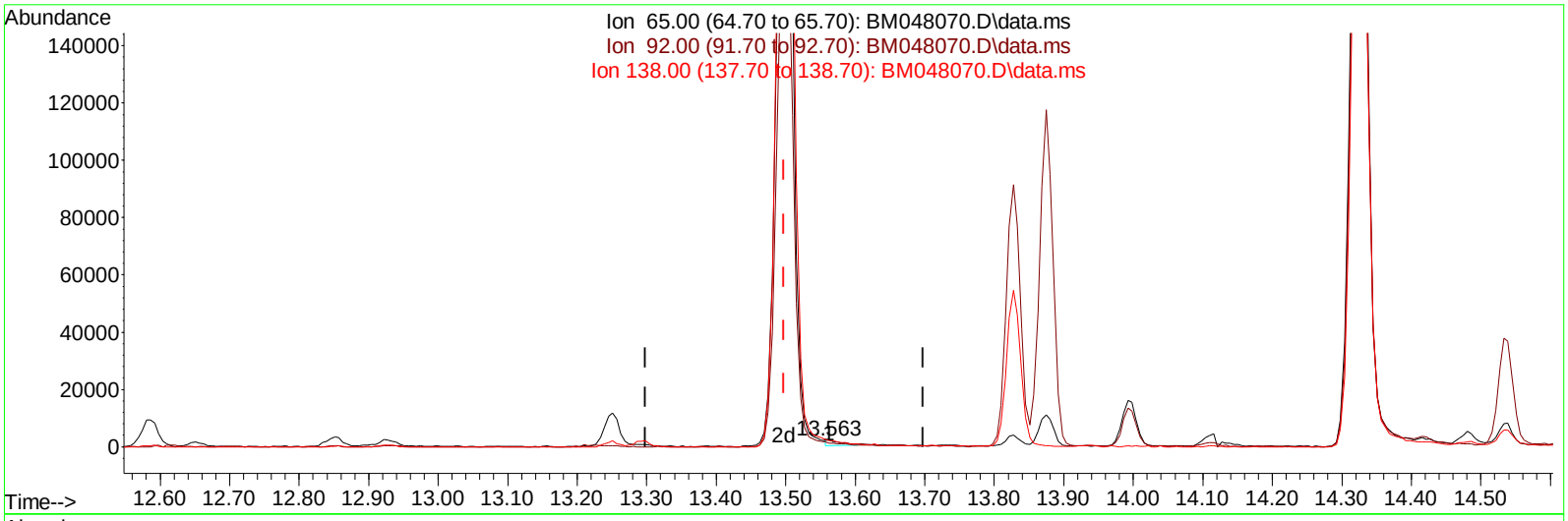


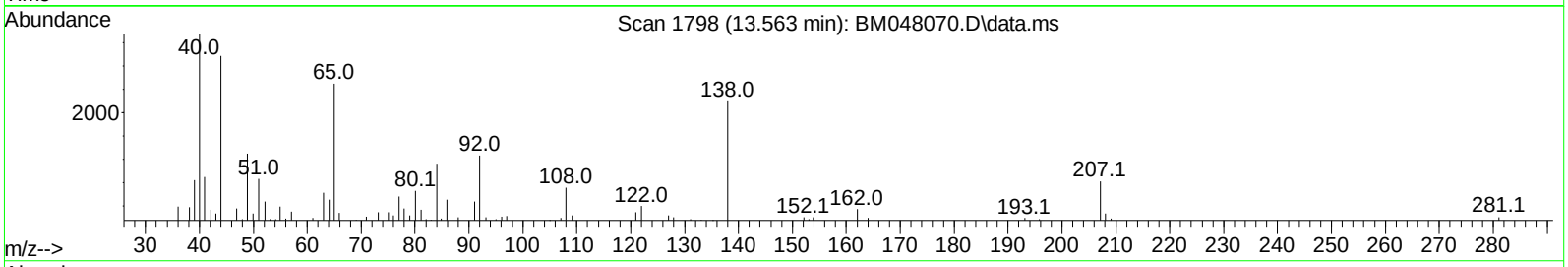


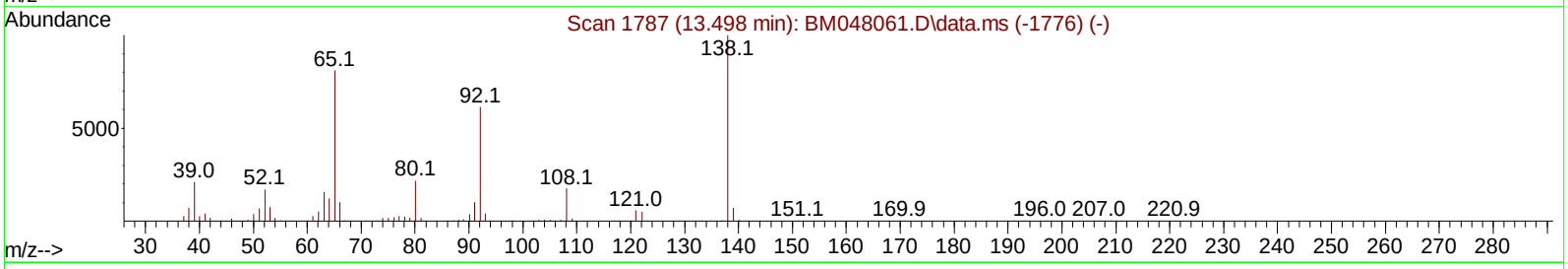


TIC: BM048070.D\data.ms

**(45) 2-Nitroaniline**

**13.563min (+ 0.065) 0.19 ng/ul**

**response 2642**

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100.00 | 100.00 |
| 92.00 | 61.40 | 50.76 |
| 138.00 | 84.50 | 87.84 |
| 0.00 | 0.00 | 0.00 |

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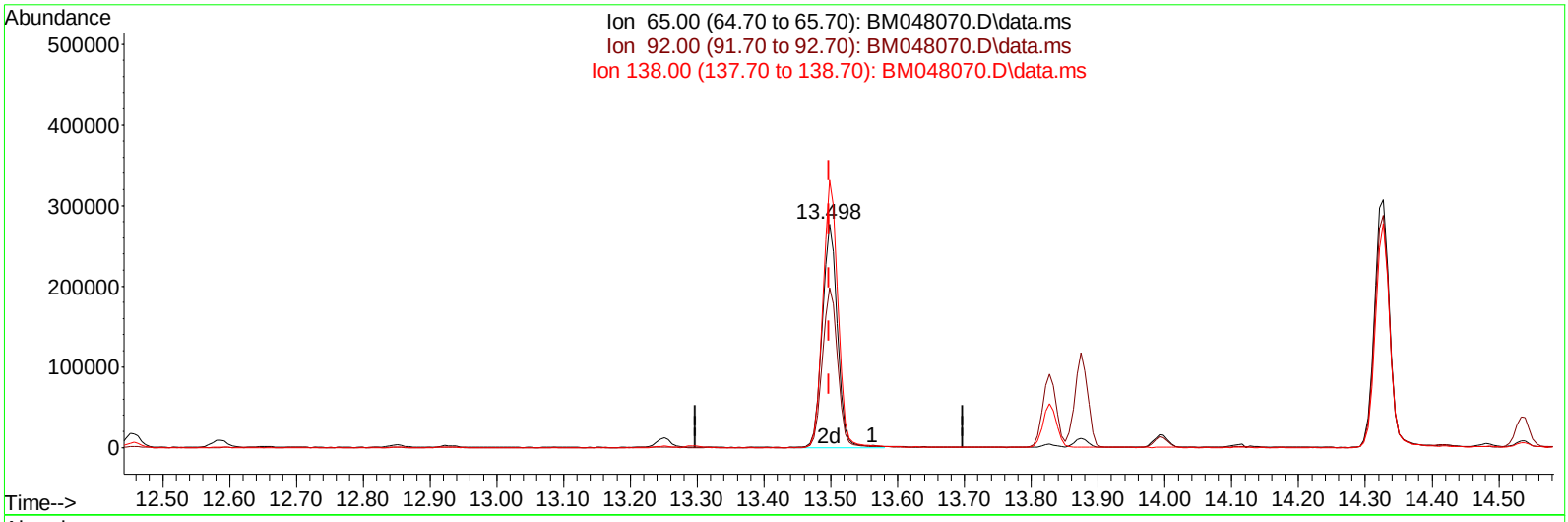
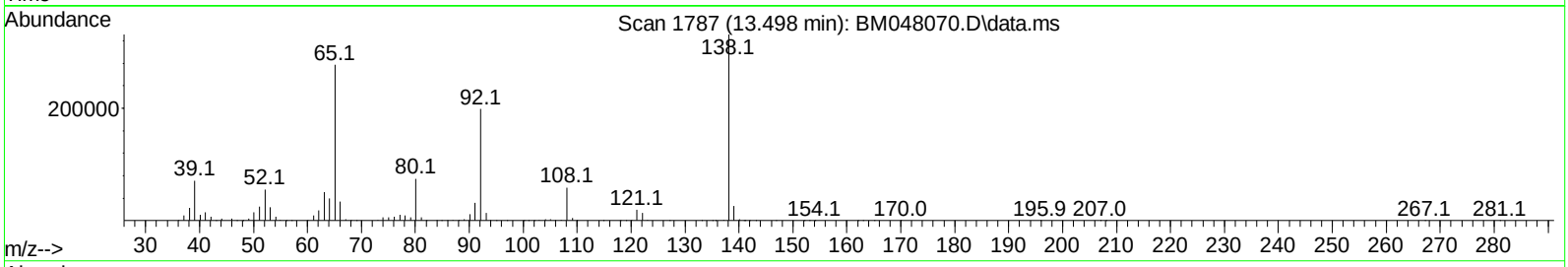
Response via : Initial Calibration

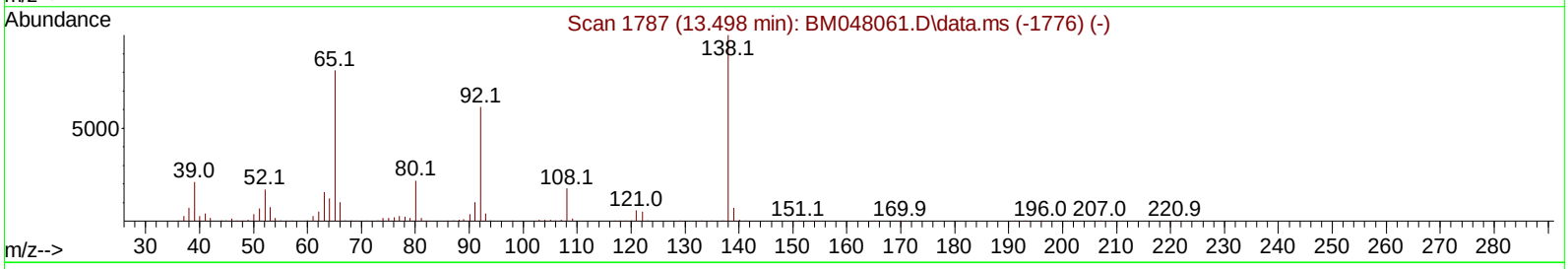
**Instrument :**
BNA_M
**ClientSampleId :**
EOAK1MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024




TIC: BM048070.D\data.ms

**(45) 2-Nitroaniline**

**13.498min (+ 0.000) 32.15 ng/ul m**

**response 438548**

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100.00 | 100.00 |
| 92.00 | 61.40 | 71.60 |
| 138.00 | 84.50 | 119.58# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 15 23:14:06 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
EOAK1MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.781 | 152 | 271691 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.575 | 136 | 1121286 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.416 | 164 | 693941 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.162 | 188 | 1369592 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.386 | 240 | 1218750 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.380 | 264 | 1411183 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.240 | 96 | 31174 | 3.708 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.652 | 84 | 458566 | 18.628 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.957 | 99 | 634362 | 24.692 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.110 | 67 | 373072m | 20.464 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.316 | 132 | 531894 | 28.456 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.492 | 113 | 521150 | 27.284 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.939 | 128 | 265570 | 29.747 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.657 | 143 | 306640 | 35.842 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.198 | 165 | 545537 | 31.920 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.710 | 131 | 698335 | 26.430 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.827 | 166 | 1486911 | 29.554 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.110 | 160 | 1728087 | 28.970 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.633 | 143 | 216645 | 21.628 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.410 | 176 | 1254501 | 28.787 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 200 | 200881 | 25.064 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.257 | 188 | 1882488 | 27.953 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.551 | 212 | 2179139 | 31.504 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.180 | 264 | 2245549 | 30.669 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.275 | 88 | 91184 | 9.930 | ng/uL# | 84 |
| 5) Pyridine | 3.669 | 79 | 654453 | 25.253 | ng/ul | 86 |
| 6) Benzaldehyde | 6.922 | 77 | 401936 | 28.768 | ng/ul | 87 |
| 8) Phenol | 6.987 | 94 | 914782 | 33.464 | ng/ul# | 88 |
| 10) Bis(2-Chloroethyl)ether | 7.204 | 93 | 673003 | 30.897 | ng/ul | 89 |
| 12) 2-Chlorophenol | 7.351 | 128 | 717874 | 36.253 | ng/ul# | 90 |
| 13) 2-Methylphenol | 8.228 | 108 | 651290 | 34.168 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.298 | 45 | 981402 | 23.934 | ng/ul# | 94 |
| 16) Acetophenone | 8.604 | 105 | 1056891 | 32.337 | ng/ul# | 86 |
| 17) N-Nitroso-di-n-propyla... | 8.592 | 70 | 506015 | 29.231 | ng/ul# | 85 |
| 18) 4-Methylphenol | 8.557 | 108 | 724213 | 33.809 | ng/ul | 99 |
| 19) Hexachloroethane | 8.857 | 117 | 294915 | 33.134 | ng/ul | 84 |
| 22) Nitrobenzene | 8.981 | 77 | 768688 | 30.310 | ng/ul# | 87 |
| 23) Isophorone | 9.510 | 82 | 1505880 | 33.193 | ng/ul# | 93 |
| 25) 2-Nitrophenol | 9.686 | 139 | 421610 | 43.076 | ng/ul# | 82 |
| 26) 2,4-Dimethylphenol | 9.757 | 107 | 610361 | 29.104 | ng/ul | 91 |
| 27) Bis(2-Chloroethoxy)met... | 9.986 | 93 | 917823 | 33.077 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.228 | 162 | 693201 | 39.280 | ng/ul | 98 |
| 30) Naphthalene | 10.622 | 128 | 2261533 | 35.064 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.733 | 127 | 708702 | 27.240 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.910 | 225 | 431528 | 37.009 | ng/ul | 97 |
| 34) Caprolactam | 11.522 | 113 | 229446 | 40.653 | ng/ul# | 69 |
| 35) 4-Chloro-3-methylphenol | 11.869 | 107 | 702820 | 38.473 | ng/ul | 93 |

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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.239 | 142 | 1521104 | 37.118 | ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.457 | 142 | 1526153 | 36.604 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.610 | 216 | 813216 | 35.999 | ng/ul# | 96 |
| 40) Hexachlorocyclopentadiene | 12.586 | 237 | 388891 | 28.463 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.851 | 196 | 535519 | 40.973 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.927 | 196 | 574564 | 40.200 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.251 | 154 | 1964108 | 35.351 | ng/ul# | 97 |
| 44) 2-Chloronaphthalene | 13.292 | 162 | 1544715 | 35.948 | ng/ul | 96 |
| 45) 2-Nitroaniline | 13.498 | 65 | 438548m | 32.149 | ng/ul | |
| 47) Dimethylphthalate | 13.874 | 163 | 1892082 | 37.134 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 13.998 | 165 | 401797 | 44.902 | ng/ul# | 77 |
| 50) Acenaphthylene | 14.139 | 152 | 2434699 | 36.191 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.327 | 138 | 427045 | 39.431 | ng/ul | 81 |
| 52) Acenaphthene | 14.480 | 153 | 1629190 | 34.259 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.539 | 184 | 241258 | 43.633 | ng/ul# | 68 |
| 55) 4-Nitrophenol | 14.645 | 109 | 251229 | 29.872 | ng/ul | 84 |
| 56) Dibenzofuran | 14.816 | 168 | 2261703 | 35.332 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.786 | 165 | 569162 | 42.349 | ng/ul# | 75 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.051 | 232 | 449826 | 39.927 | ng/ul# | 93 |
| 59) Diethylphthalate | 15.239 | 149 | 1894268 | 37.157 | ng/ul | 98 |
| 61) Fluorene | 15.468 | 166 | 1757327 | 32.906 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.463 | 204 | 875933 | 34.711 | ng/ul | 94 |
| 63) 4-Nitroaniline | 15.492 | 138 | 443383 | 42.154 | ng/ul | 87 |
| 66) 4,6-Dinitro-2-methylph... | 15.551 | 198 | 350924 | 39.515 | ng/ul# | 83 |
| 67) N-Nitrosodiphenylamine | 15.674 | 169 | 1522181 | 35.666 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.351 | 248 | 549819 | 38.946 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.474 | 284 | 642002 | 39.077 | ng/ul | 91 |
| 70) Atrazine | 16.627 | 200 | 367857 | 25.893 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.815 | 266 | 387271 | 37.071 | ng/ul | 100 |
| 72) Phenanthrene | 17.204 | 178 | 2780416 | 34.618 | ng/ul | 99 |
| 74) Anthracene | 17.292 | 178 | 2784231 | 33.988 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.216 | 216 | 788040 | 34.751 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.739 | 250 | 761915 | 34.422 | ng/uL | 98 |
| 77) Carbazole | 17.562 | 167 | 2620530 | 35.292 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.121 | 149 | 3384289 | 40.939 | ng/ul# | 98 |
| 80) Fluoranthene | 19.215 | 202 | 3202025 | 39.305 | ng/ul | 99 |
| 82) Pyrene | 19.580 | 202 | 3408324 | 37.590 | ng/ul | 95 |
| 83) Butylbenzylphthalate | 20.468 | 149 | 1536699 | 47.939 | ng/ul# | 84 |
| 84) 3,3'-Dichlorobenzidine | 21.292 | 252 | 1008695 | 39.169 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.368 | 228 | 3283632 | 38.480 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.286 | 149 | 2177777 | 45.251 | ng/ul | 97 |
| 87) Chrysene | 21.433 | 228 | 3067189 | 36.870 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.415 | 149 | 3973196 | 43.651 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.438 | 252 | 3333580 | 37.879 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.497 | 252 | 3294765 | 36.614 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.244 | 252 | 3020146 | 36.135 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 27.768 | 276 | 3966450 | 37.032 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 27.821 | 278 | 3213300 | 36.607 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 28.826 | 276 | 3089843 | 36.819 | ng/ul | 97 |

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

**Instrument :**
BNA_M
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EOAK1MSD

**Manual IntegrationsAPPROVED**

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