Quantitation Report (Qedit)

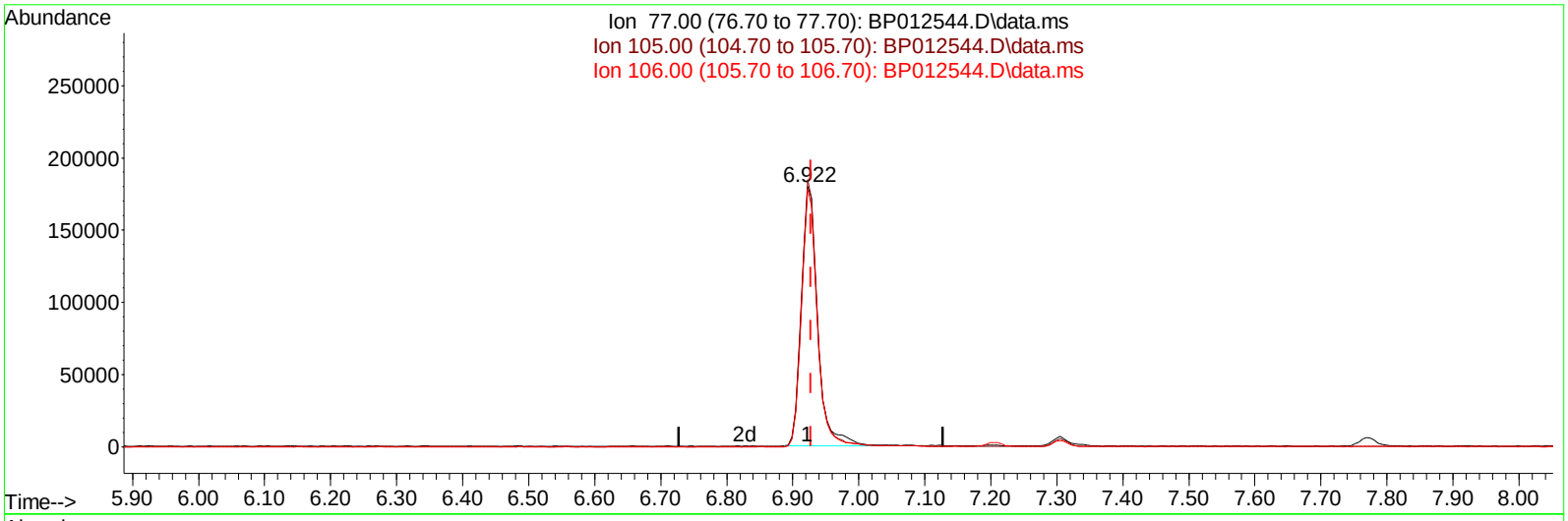
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110822\
Data File : BP012544.D
Acq On : 08 Nov 2022 10:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

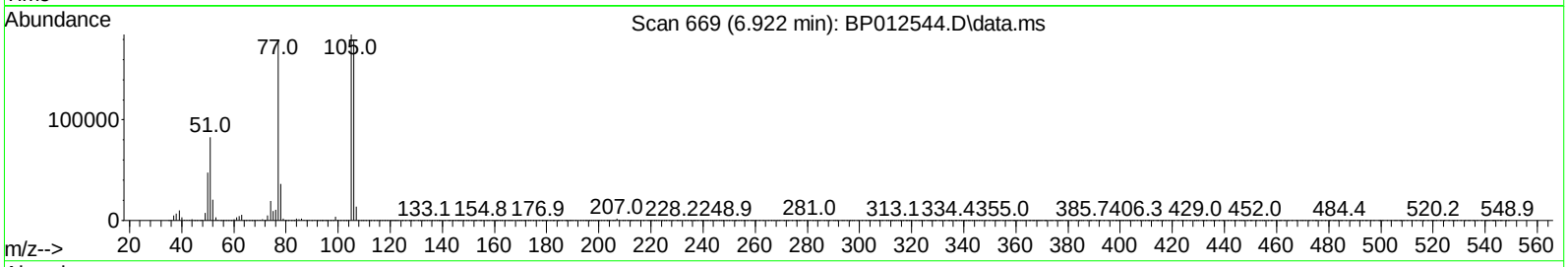
Quant Time: Nov 08 21:39:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 04 02:53:36 2022
Response via : Initial Calibration

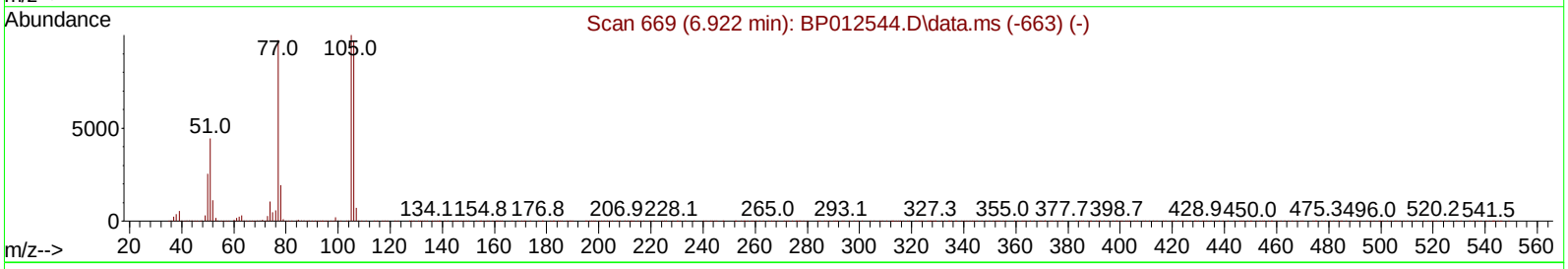
**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/09/2022
Supervised By :mohammad ahmed 11/14/2022




TIC: BP012544.D\data.ms

**(6) Benzaldehyde**

**6.922min (-0.006) 23.97 ng/ul**

**response 311375**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 101.30 | 102.67 |
| 106.00 | 99.00 | 99.22 |
| 0.00 | 0.00 | 0.00 |

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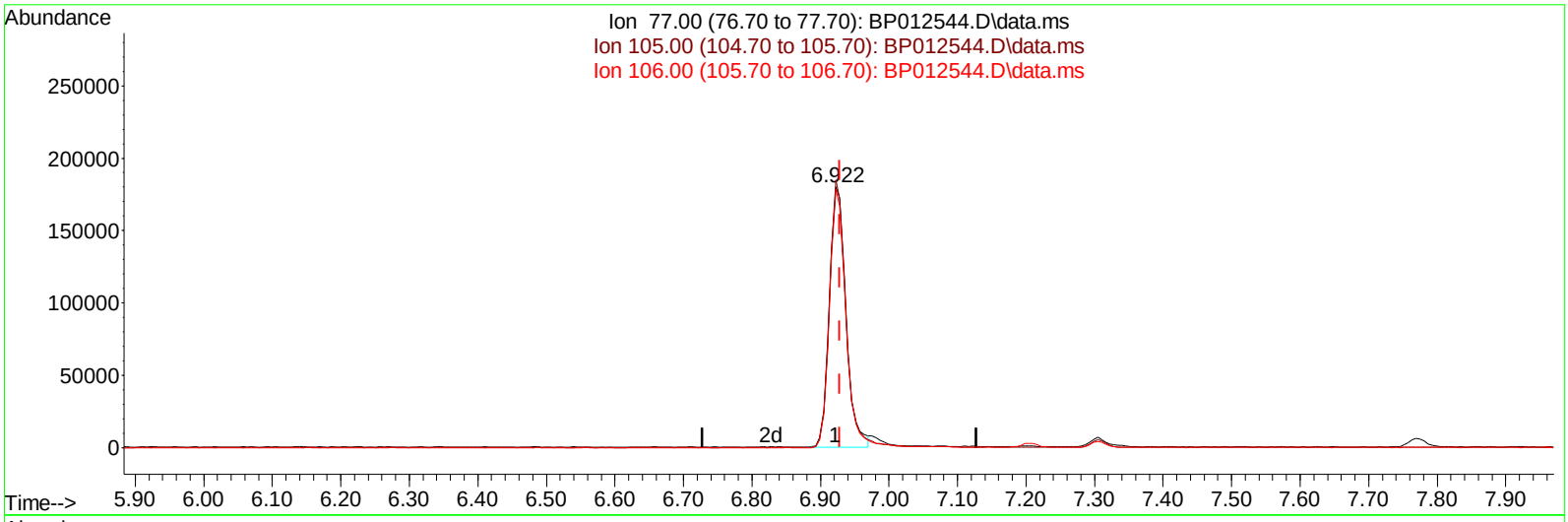


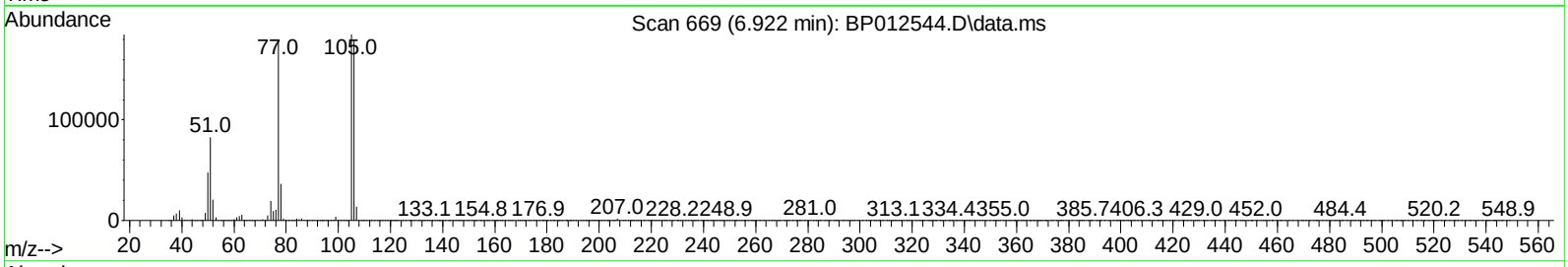


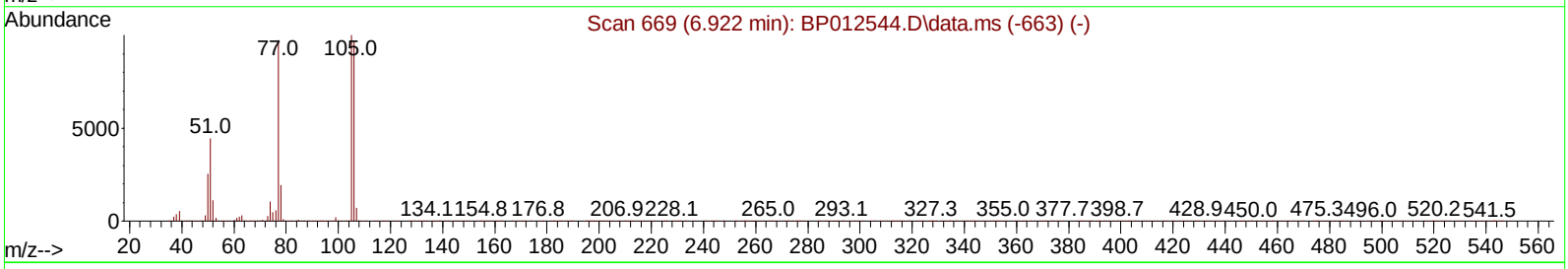


TIC: BP012544.D\data.ms

**(6) Benzaldehyde**

**6.922min (-0.006) 23.26 ng/ul m**

**response 302164**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 101.30 | 102.67 |
| 106.00 | 99.00 | 99.22 |
| 0.00 | 0.00 | 0.00 |

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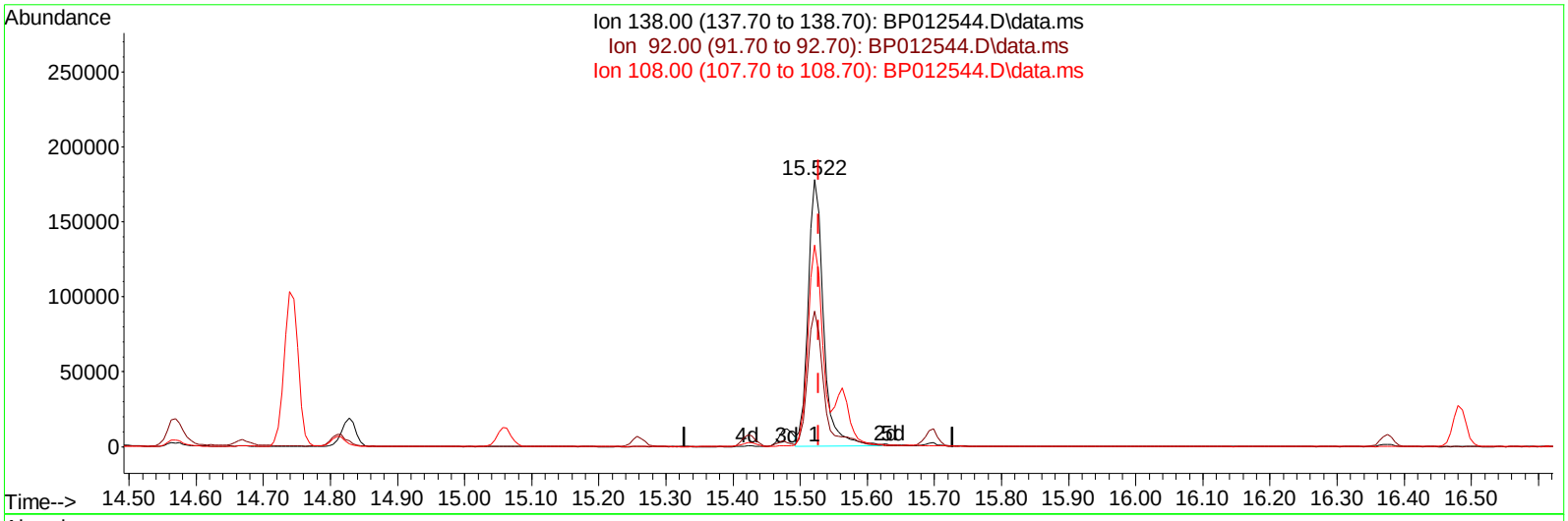


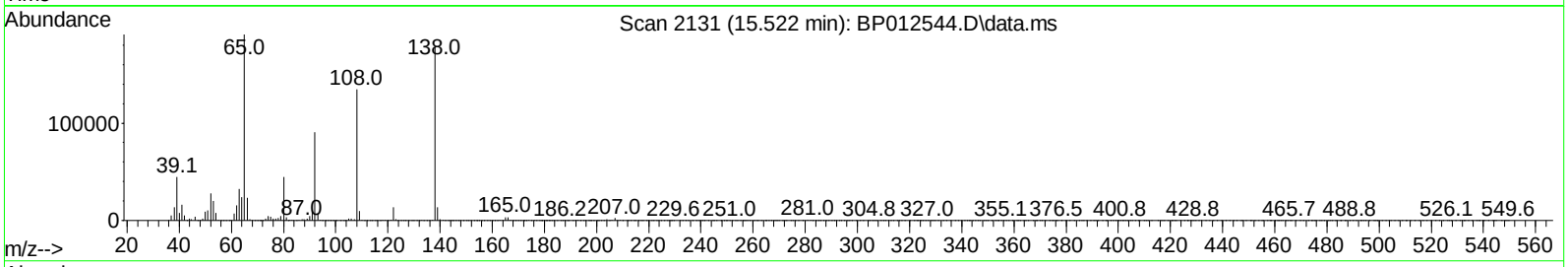


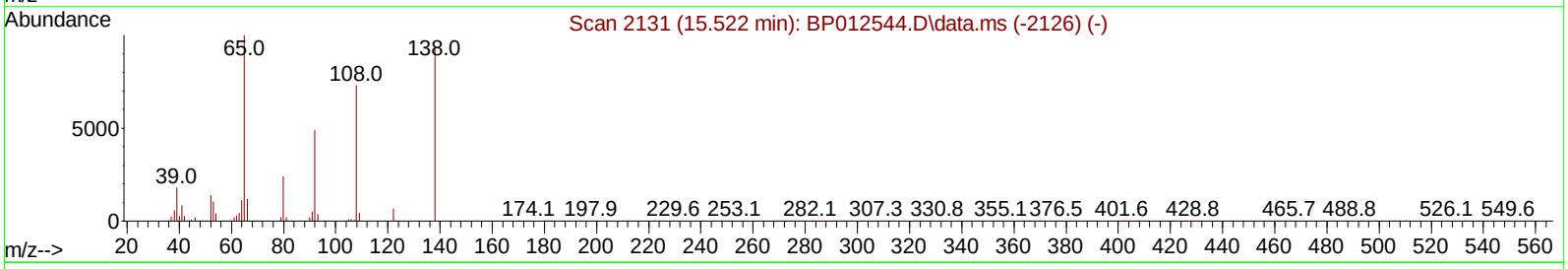


TIC: BP012544.D\data.ms

**(63) 4-Nitroaniline**

**15.522min (-0.006) 21.76 ng/ul**

**response 284325**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 50.80 | 50.91 |
| 108.00 | 70.80 | 75.55 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

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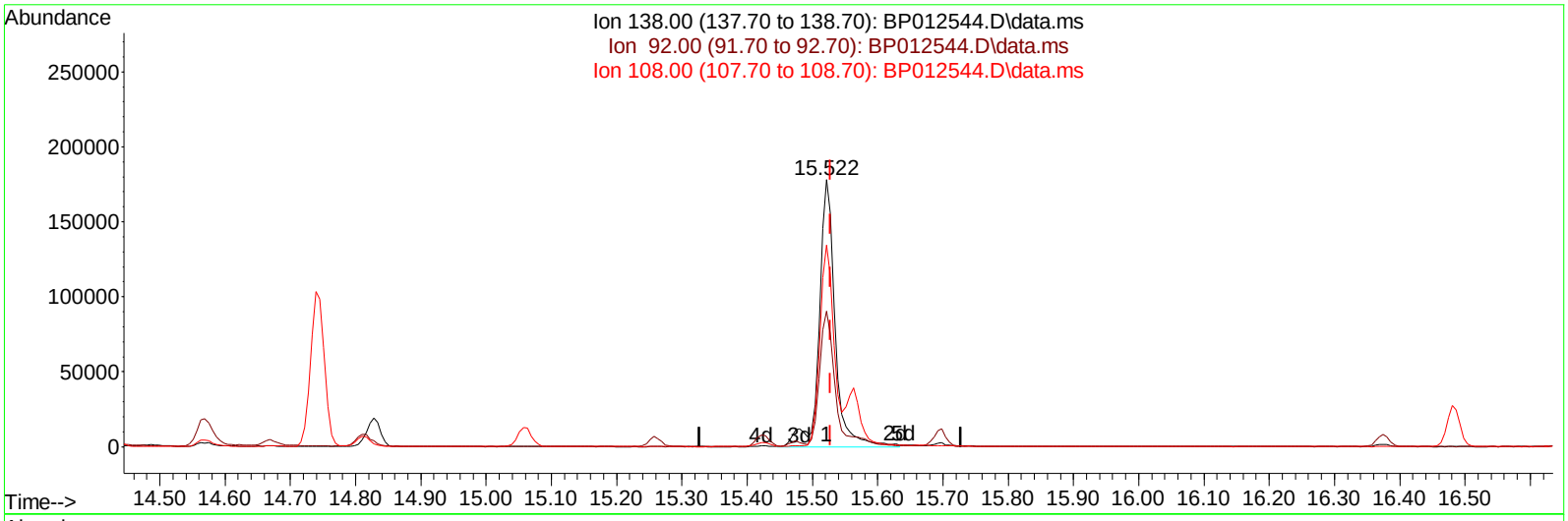


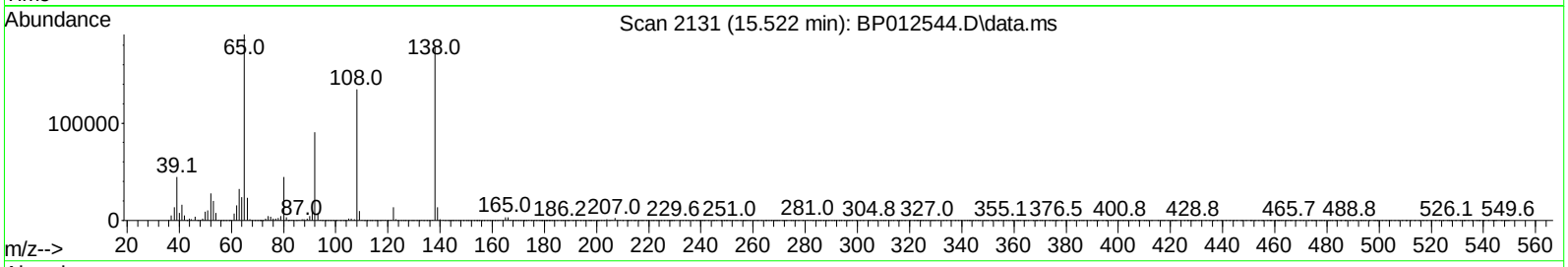


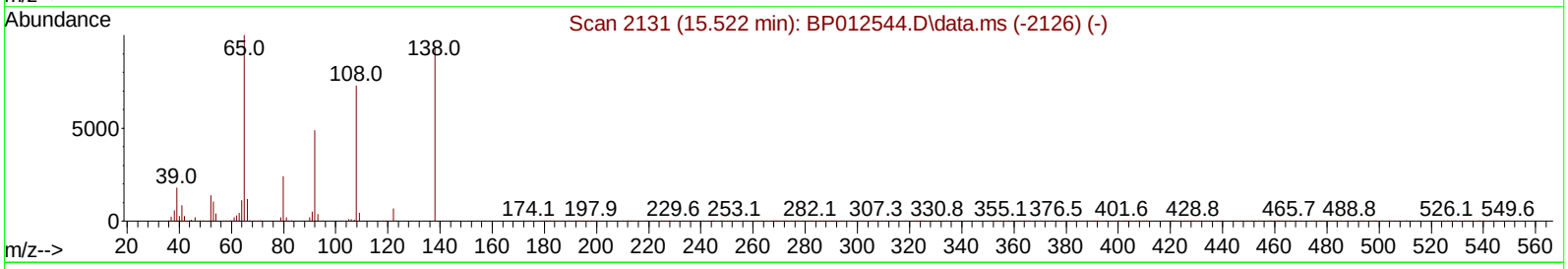


TIC: BP012544.D\data.ms

**(63) 4-Nitroaniline**

**15.522min (-0.006) 23.48 ng/ul m**

**response 306798**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 50.80 | 50.91 |
| 108.00 | 70.80 | 75.55 |
| 0.00 | 0.00 | 0.00 |

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Response via : Initial Calibration

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/09/2022
Supervised By :mohammad ahmed 11/14/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.769 | 152 | 307117 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.569 | 136 | 1479696 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.428 | 164 | 986304 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.192 | 188 | 2168414 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.286 | 240 | 2029763 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.668 | 264 | 1900538 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.228 | 96 | 58104 | 7.618 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.652 | 84 | 427142 | 19.495 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.952 | 99 | 572860 | 20.796 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.110 | 67 | 331103 | 20.135 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.305 | 132 | 432051 | 21.478 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.493 | 113 | 472947 | 21.708 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.946 | 128 | 227844 | 23.745 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.663 | 143 | 247201 | 24.821 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.198 | 165 | 479225 | 22.203 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.722 | 131 | 686621 | 21.365 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.845 | 166 | 1390085 | 20.588 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.122 | 160 | 1613088 | 20.906 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.657 | 143 | 226471 | 17.723 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.428 | 176 | 1221358 | 21.128 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.563 | 200 | 208542 | 18.472 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.286 | 188 | 1961821 | 20.997 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.533 | 212 | 2295922 | 22.529 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.510 | 264 | 1910813 | 20.577 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.264 | 88 | 61210 | 7.549 | ng/uL | 97 |
| 5) Pyridine | 3.669 | 79 | 418056 | 19.415 | ng/ul | 97 |
| 6) Benzaldehyde | 6.922 | 77 | 302164m | 23.259 | ng/ul | |
| 8) Phenol | 6.975 | 94 | 606839 | 21.187 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.205 | 93 | 464727 | 20.217 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.334 | 128 | 469678 | 21.448 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.228 | 108 | 464757 | 21.101 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.310 | 45 | 619518 | 20.096 | ng/ul | 100 |
| 16) Acetophenone | 8.604 | 105 | 745386 | 22.028 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.587 | 70 | 359696 | 22.081 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.557 | 108 | 524138 | 21.772 | ng/ul | 99 |
| 19) Hexachloroethane | 8.840 | 117 | 173309 | 20.578 | ng/ul | 98 |
| 22) Nitrobenzene | 8.987 | 77 | 561436 | 22.426 | ng/ul | 99 |
| 23) Isophorone | 9.510 | 82 | 1043386 | 19.916 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.693 | 139 | 283272 | 23.721 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.757 | 107 | 562599 | 21.455 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.993 | 93 | 673241 | 20.082 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.228 | 162 | 496543 | 22.161 | ng/ul | 99 |
| 30) Naphthalene | 10.622 | 128 | 1583121 | 20.187 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.751 | 127 | 712465 | 21.545 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.898 | 225 | 280431 | 20.117 | ng/ul | 98 |
| 34) Caprolactam | 11.551 | 113 | 148604 | 19.491 | ng/ul | 98 |
| 35) 4-Chloro-3-methylphenol | 11.881 | 107 | 552542 | 22.443 | ng/ul | 100 |

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SSTDCCC020

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.240 | 142 | 1111143 | 20.667 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.457 | 142 | 1110705 | 20.686 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.604 | 216 | 588959 | 20.330 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.575 | 237 | 240541 | 17.946 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.857 | 196 | 401778 | 21.696 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.934 | 196 | 434485 | 21.512 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.257 | 154 | 1465651 | 20.209 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.298 | 162 | 1167155 | 20.480 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.522 | 65 | 340553 | 25.782 | ng/ul | 99 |
| 47) Dimethylphthalate | 13.892 | 163 | 1463144 | 20.568 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.022 | 165 | 295496 | 25.017 | ng/ul | 99 |
| 50) Acenaphthylene | 14.145 | 152 | 1796644 | 20.763 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.351 | 138 | 313924 | 21.706 | ng/ul | 97 |
| 52) Acenaphthene | 14.492 | 153 | 1250013 | 20.556 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.569 | 184 | 122322 | 15.335 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.669 | 109 | 177952 | 18.405 | ng/ul | 95 |
| 56) Dibenzofuran | 14.828 | 168 | 1736592 | 20.918 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.810 | 165 | 433804 | 24.384 | ng/ul | 94 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.057 | 232 | 381639 | 22.262 | ng/ul | 94 |
| 59) Diethylphthalate | 15.257 | 149 | 1464529 | 21.158 | ng/ul | 98 |
| 61) Fluorene | 15.481 | 166 | 1394154 | 21.135 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.475 | 204 | 688636 | 21.284 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.522 | 138 | 306798m | 23.480 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.575 | 198 | 221193 | 18.389 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.698 | 169 | 1242363 | 20.342 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.375 | 248 | 454808 | 20.881 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.486 | 284 | 533446 | 20.421 | ng/ul | 99 |
| 70) Atrazine | 16.657 | 200 | 448799 | 21.213 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.839 | 266 | 304303 | 18.968 | ng/ul | 100 |
| 72) Phenanthrene | 17.233 | 178 | 2366859 | 20.661 | ng/ul | 99 |
| 74) Anthracene | 17.322 | 178 | 2377844 | 20.894 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.216 | 216 | 597191 | 19.252 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.745 | 250 | 650808 | 19.869 | ng/uL | 100 |
| 77) Carbazole | 17.604 | 167 | 2194747 | 21.653 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.151 | 149 | 2623071 | 22.276 | ng/ul | 99 |
| 80) Fluoranthene | 19.204 | 202 | 2814936 | 22.372 | ng/ul | 99 |
| 82) Pyrene | 19.557 | 202 | 2902583 | 22.272 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.433 | 149 | 1223077 | 25.173 | ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.210 | 252 | 813710 | 18.455 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.269 | 228 | 2659644 | 20.539 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.192 | 149 | 1778098 | 23.933 | ng/ul | 100 |
| 87) Chrysene | 21.321 | 228 | 2520891 | 20.824 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.110 | 149 | 2960322 | 26.114 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.939 | 252 | 2550169 | 21.190 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.986 | 252 | 2457591 | 21.427 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.562 | 252 | 2164694 | 20.597 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.133 | 276 | 2393601 | 18.278 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.151 | 278 | 2131954 | 18.181 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 26.892 | 276 | 2127909 | 18.381 | ng/ul | 100 |

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

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