Quantitation Report (Qedit)

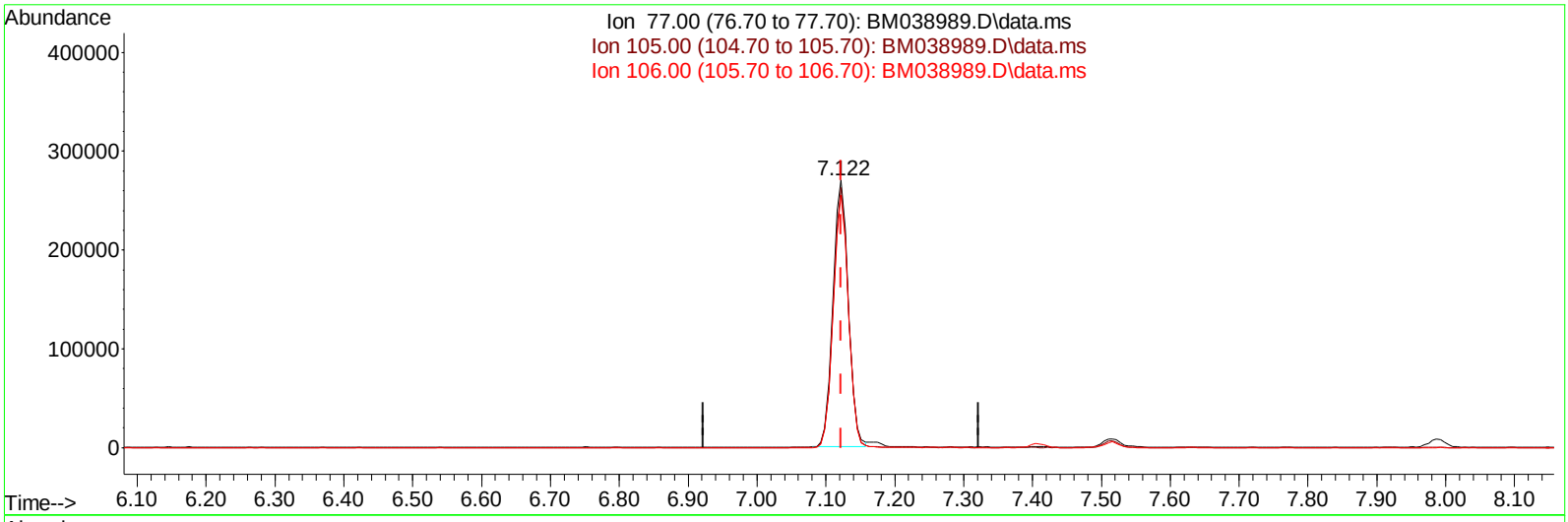
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038989.D
Acq On : 13 Mar 2023 14:27
Operator : CG/JU
Sample : SSTD02041
Misc :
ALS Vial : 7 Sample Multiplier: 1

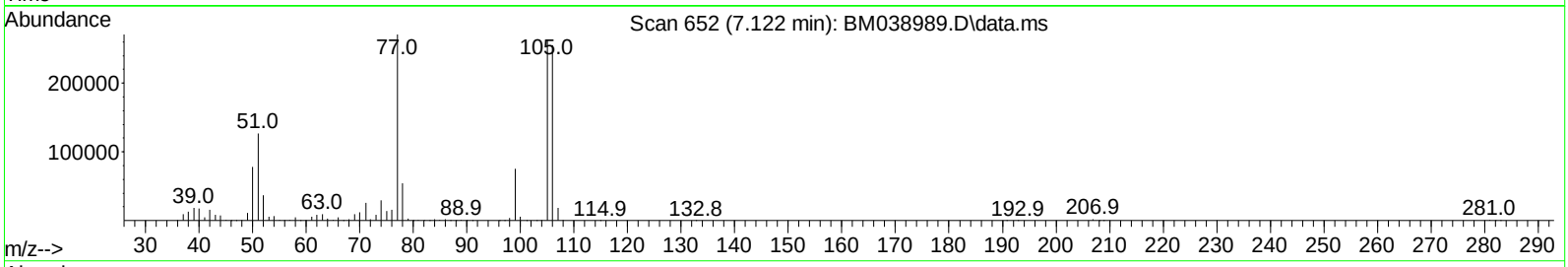
Quant Time: Mar 13 15:13:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 15:08:57 2023
Response via : Initial Calibration

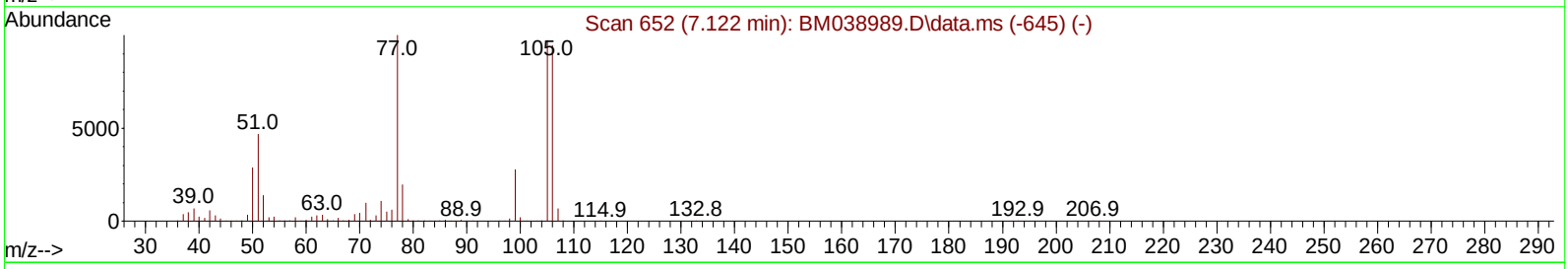
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020002

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023




TIC: BM038989.D\data.ms

**(6) Benzaldehyde**

**7.122min ( 0.000) 25.49 ng/ul**

**response 415347**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 97.30 | 97.28 |
| 106.00 | 94.30 | 94.35 |
| 0.00 | 0.00 | 0.00 |

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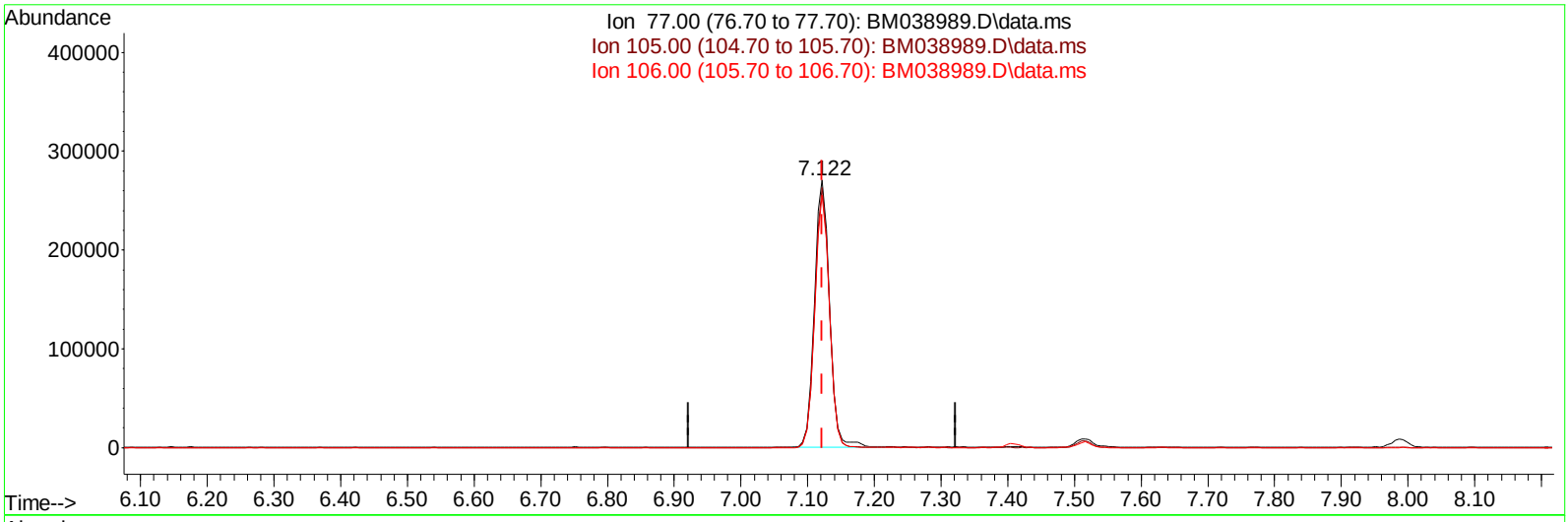


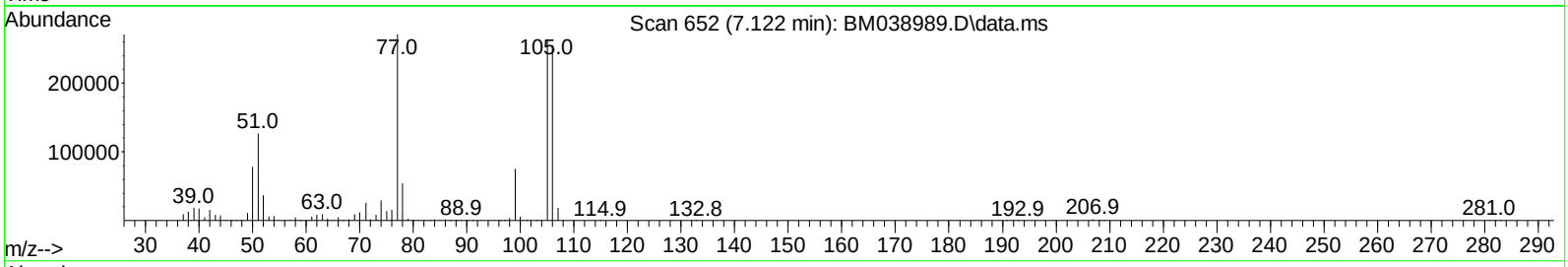


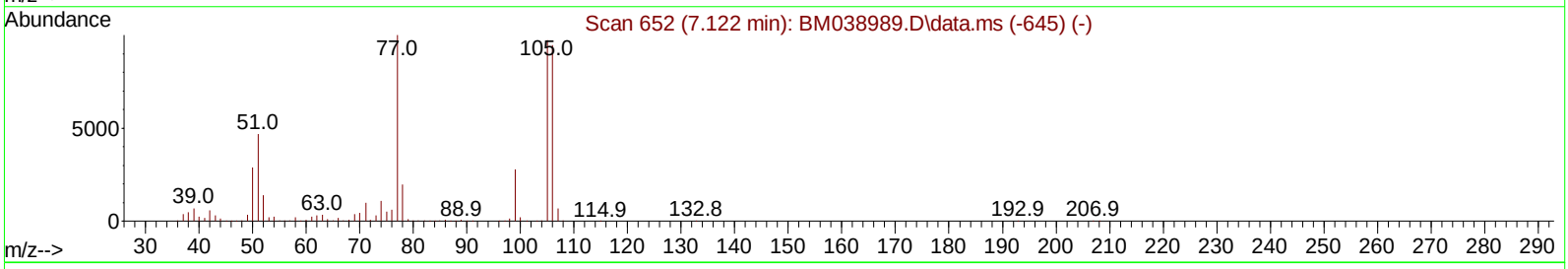


TIC: BM038989.D\data.ms

**(6) Benzaldehyde**

**7.122min ( 0.000) 26.14 ng/ul m**

**response 425953**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 97.30 | 97.28 |
| 106.00 | 94.30 | 94.35 |
| 0.00 | 0.00 | 0.00 |

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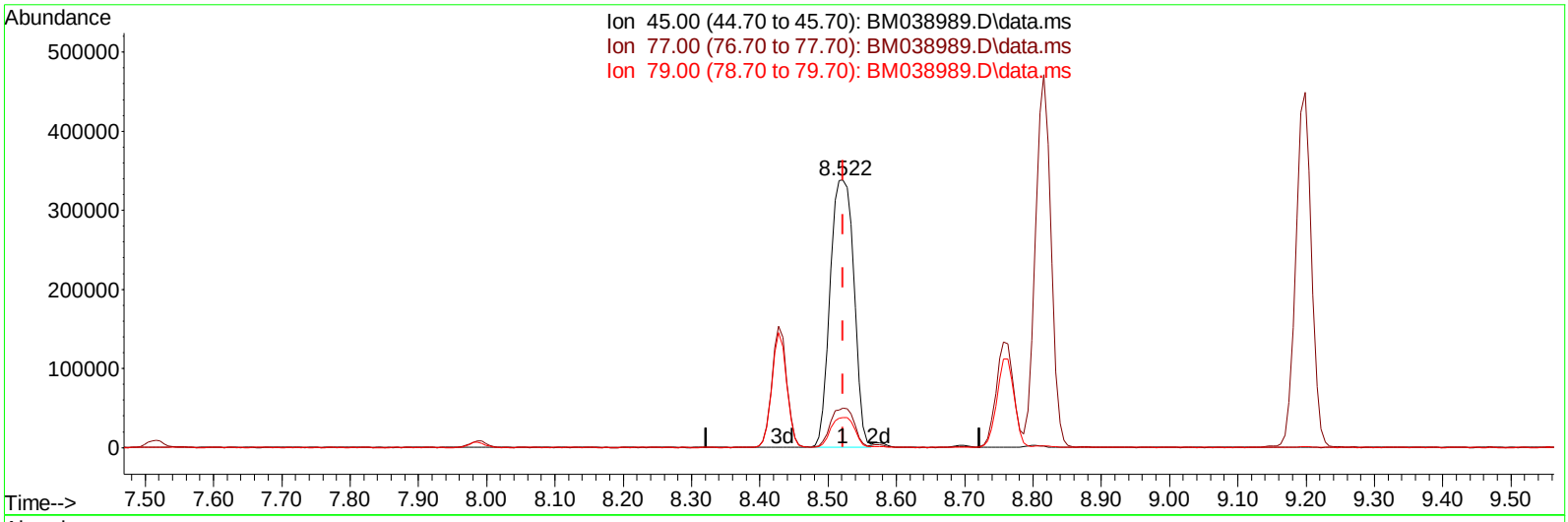


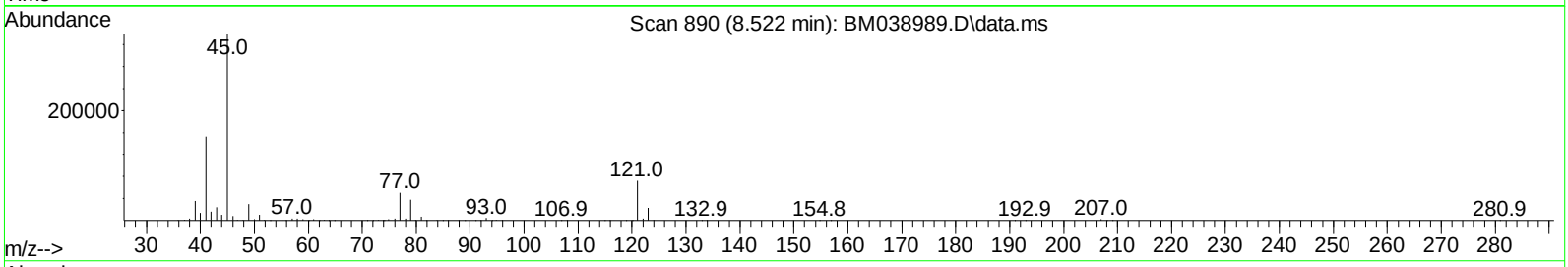


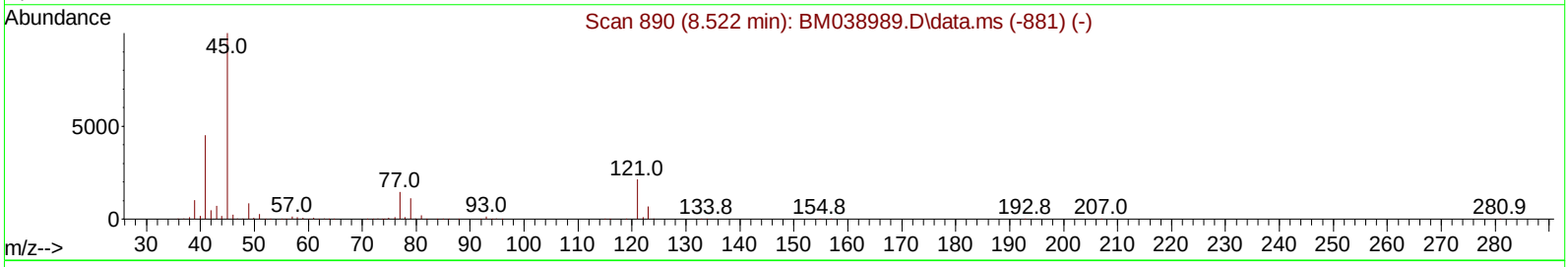


TIC: BM038989.D\data.ms

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

**8.522min ( 0.000) 22.65 ng/ul**

**response 815091**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 14.90 | 14.86 |
| 79.00 | 11.30 | 11.26 |
| 0.00 | 0.00 | 0.00 |

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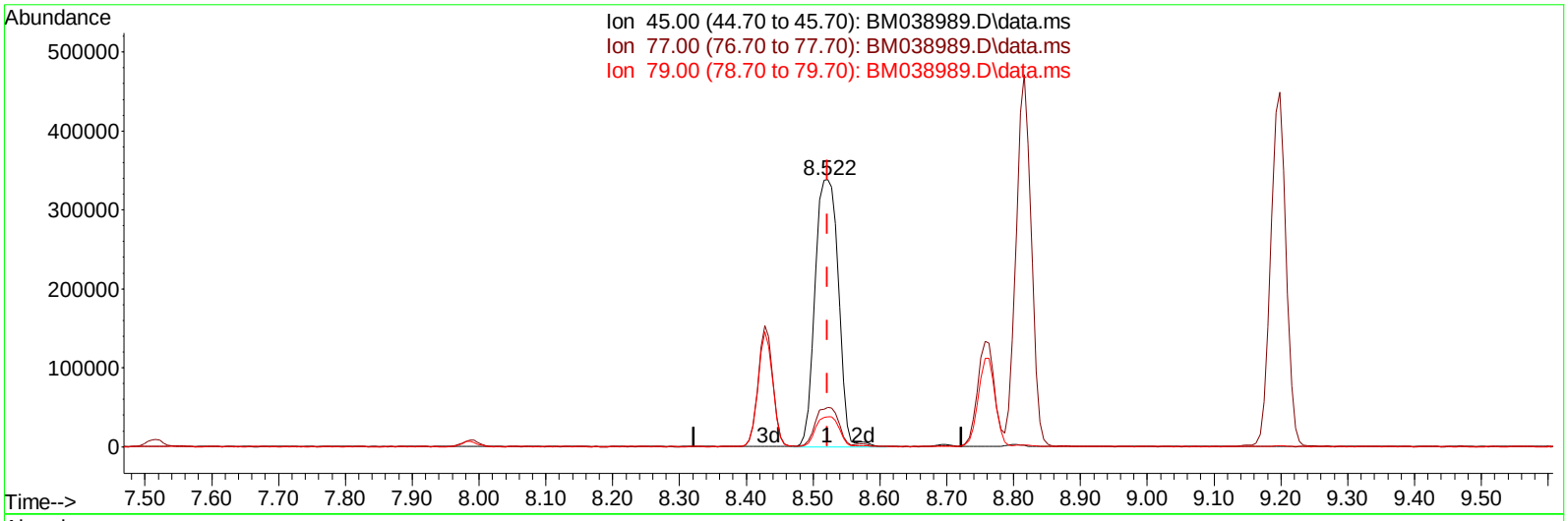


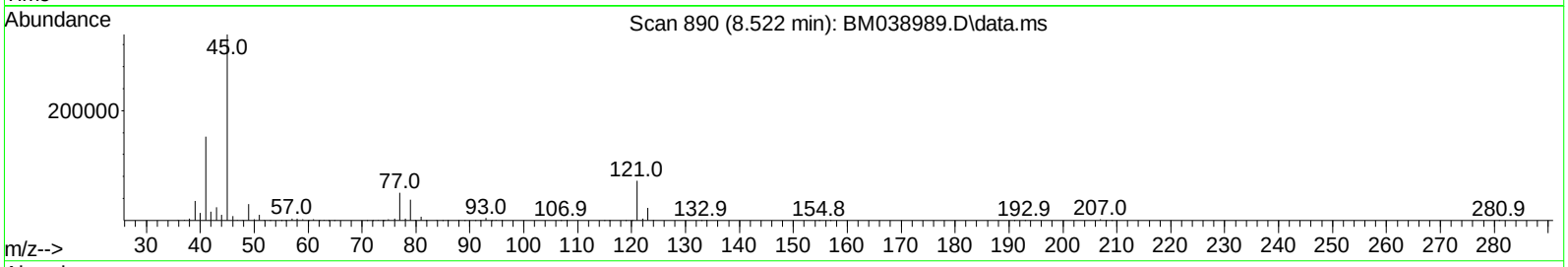


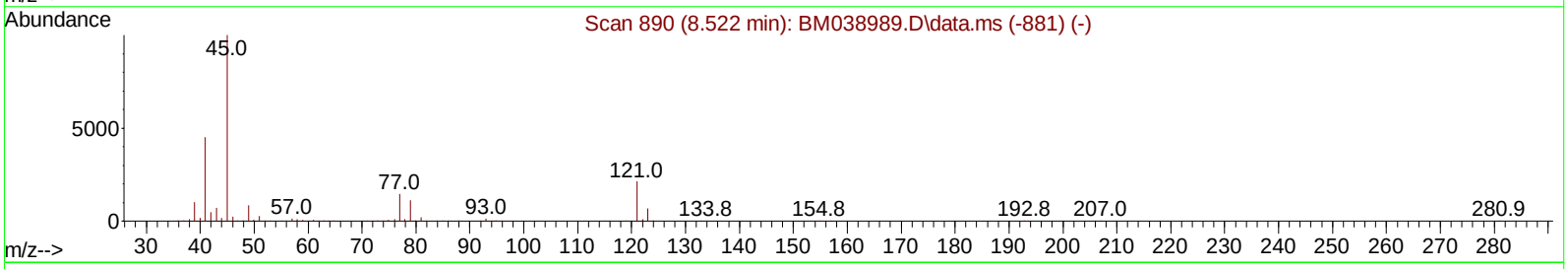


TIC: BM038989.D\data.ms

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

**8.522min ( 0.000) 22.91 ng/ul m**

**response 824590**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 14.90 | 14.86 |
| 79.00 | 11.30 | 11.26 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.987 | 152 | 358883 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.804 | 136 | 1616713 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.627 | 164 | 1026815 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.368 | 188 | 2134683 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.550 | 240 | 2068322 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.997 | 264 | 2184185 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.369 | 96 | 85037 | 8.848 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.793 | 84 | 599752 | 22.696 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.140 | 99 | 708162 | 21.047 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.316 | 67 | 466450 | 21.697 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.516 | 132 | 548943 | 21.895 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.698 | 113 | 554207 | 20.908 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.151 | 128 | 282558 | 24.896 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.881 | 143 | 290998 | 27.362 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.416 | 165 | 525393 | 21.260 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.939 | 131 | 824432 | 20.014 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.039 | 166 | 1579641 | 19.862 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.321 | 160 | 1874166 | 20.162 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.816 | 143 | 329480 | 20.695 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.615 | 176 | 1385434 | 19.752 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.727 | 200 | 256320 | 23.096 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.468 | 188 | 2163688 | 20.555 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.756 | 212 | 2432366 | 21.382 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.838 | 264 | 2347898 | 21.331 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.405 | 88 | 93588 | 9.061 | ng/uL | 100 |
| 5) Pyridine | 3.816 | 79 | 645560 | 22.693 | ng/ul | 100 |
| 6) Benzaldehyde | 7.122 | 77 | 425953m | 26.140 | ng/ul | |
| 8) Phenol | 7.169 | 94 | 751800 | 20.876 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.410 | 93 | 610800 | 21.304 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.545 | 128 | 561057 | 21.727 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.428 | 108 | 553963 | 20.579 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.522 | 45 | 824590m | 22.911 | ng/ul | |
| 16) Acetophenone | 8.816 | 105 | 945535 | 20.525 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.804 | 70 | 493317 | 23.315 | ng/ul | 100 |
| 18) 4-Methylphenol | 8.757 | 108 | 620185 | 20.749 | ng/ul | 100 |
| 19) Hexachloroethane | 9.075 | 117 | 233717 | 22.591 | ng/ul | 100 |
| 22) Nitrobenzene | 9.198 | 77 | 720844 | 23.215 | ng/ul | 100 |
| 23) Isophorone | 9.728 | 82 | 1378117 | 21.820 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.910 | 139 | 319759 | 25.354 | ng/ul | 100 |
| 26) 2,4-Dimethylphenol | 9.969 | 107 | 658989 | 21.268 | ng/ul | 100 |
| 27) Bis(2-Chloroethoxy)met... | 10.210 | 93 | 839991 | 21.673 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.445 | 162 | 521491 | 20.816 | ng/ul | 100 |
| 30) Naphthalene | 10.851 | 128 | 1890168 | 20.489 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.963 | 127 | 835168 | 20.025 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.139 | 225 | 311784 | 20.002 | ng/ul | 100 |
| 34) Caprolactam | 11.733 | 113 | 177335 | 20.643 | ng/ul | 100 |
| 35) 4-Chloro-3-methylphenol | 12.080 | 107 | 606834 | 21.426 | ng/ul | 100 |

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 36) | 2-Methylnaphthalene | 12.457 | 142 | 1228883 | 20.408 | ng/ul | 100 |
| 37) | 1-Methylnaphthalene | 12.675 | 142 | 1236603 | 20.382 | ng/ul | 100 |
| 39) | 1,2,4,5-Tetrachloroben... | 12.822 | 216 | 604168 | 19.670 | ng/ul | 100 |
| 40) | Hexachlorocyclopentadiene | 12.804 | 237 | 372957 | 22.506 | ng/ul | 100 |
| 41) | 2,4,6-Trichlorophenol | 13.063 | 196 | 403154 | 20.810 | ng/ul | 100 |
| 42) | 2,4,5-Trichlorophenol | 13.127 | 196 | 440542 | 20.661 | ng/ul | 100 |
| 43) | 1,1'-Biphenyl | 13.463 | 154 | 1653424 | 20.415 | ng/ul | 100 |
| 44) | 2-Chloronaphthalene | 13.504 | 162 | 1290046 | 20.195 | ng/ul | 100 |
| 45) | 2-Nitroaniline | 13.710 | 65 | 401980 | 27.885 | ng/ul | 100 |
| 47) | Dimethylphthalate | 14.086 | 163 | 1597518 | 19.821 | ng/ul | 100 |
| 48) | 2,6-Dinitrotoluene | 14.204 | 165 | 309540 | 24.271 | ng/ul | 100 |
| 50) | Acenaphthylene | 14.351 | 152 | 2102250 | 20.392 | ng/ul | 100 |
| 51) | 3-Nitroaniline | 14.527 | 138 | 347176 | 21.689 | ng/ul | 100 |
| 52) | Acenaphthene | 14.692 | 153 | 1426307 | 20.100 | ng/ul | 100 |
| 53) | 2,4-Dinitrophenol | 14.727 | 184 | 162295 | 22.384 | ng/ul | 100 |
| 55) | 4-Nitrophenol | 14.827 | 109 | 266714 | 20.974 | ng/ul | 100 |
| 56) | Dibenzofuran | 15.021 | 168 | 1968996 | 19.987 | ng/ul | 100 |
| 57) | 2,4-Dinitrotoluene | 14.986 | 165 | 461649 | 23.416 | ng/ul | 100 |
| 58) | 2,3,4,6-Tetrachlorophenol | 15.245 | 232 | 381662 | 20.560 | ng/ul | 100 |
| 59) | Diethylphthalate | 15.445 | 149 | 1643939 | 20.613 | ng/ul | 100 |
| 61) | Fluorene | 15.668 | 166 | 1646430 | 19.933 | ng/ul | 100 |
| 62) | 4-Chlorophenyl-phenyle... | 15.668 | 204 | 774567 | 19.424 | ng/ul | 100 |
| 63) | 4-Nitroaniline | 15.686 | 138 | 358172 | 21.634 | ng/ul | 100 |
| 66) | 4,6-Dinitro-2-methylph... | 15.745 | 198 | 260927 | 22.718 | ng/ul | 100 |
| 67) | N-Nitrosodiphenylamine | 15.880 | 169 | 1357270 | 21.022 | ng/ul | 100 |
| 68) | 4-Bromophenyl-phenylether | 16.562 | 248 | 440186 | 20.034 | ng/ul | 100 |
| 69) | Hexachlorobenzene | 16.674 | 284 | 510471 | 19.182 | ng/ul | 100 |
| 70) | Atrazine | 16.827 | 200 | 451826 | 20.686 | ng/ul | 100 |
| 71) | Pentachlorophenol | 17.015 | 266 | 322417 | 19.926 | ng/ul | 100 |
| 72) | Phenanthrene | 17.415 | 178 | 2508746 | 20.341 | ng/ul | 100 |
| 74) | Anthracene | 17.504 | 178 | 2583731 | 20.574 | ng/ul | 100 |
| 75) | 1,2,3,4-Tetrachloroben... | 13.427 | 216 | 614625 | 20.430 | ng/uL | 100 |
| 76) | Pentachlorobenzene | 14.939 | 250 | 620018 | 20.058 | ng/uL | 100 |
| 77) | Carbazole | 17.774 | 167 | 2385609 | 20.457 | ng/ul | 100 |
| 78) | Di-n-butylphthalate | 18.339 | 149 | 2758734 | 23.252 | ng/ul | 100 |
| 80) | Fluoranthene | 19.427 | 202 | 2851137 | 21.792 | ng/ul | 100 |
| 82) | Pyrene | 19.792 | 202 | 3073578 | 21.423 | ng/ul | 100 |
| 83) | Butylbenzylphthalate | 20.686 | 149 | 1254496 | 32.908 | ng/ul | 100 |
| 84) | 3,3'-Dichlorobenzidine | 21.468 | 252 | 1009181 | 24.901 | ng/ul | 100 |
| 85) | Benzo(a)anthracene | 21.533 | 228 | 3039514 | 21.269 | ng/ul | 100 |
| 86) | Bis(2-ethylhexyl)phtha... | 21.462 | 149 | 1914788 | 30.214 | ng/ul | 100 |
| 87) | Chrysene | 21.592 | 228 | 2875739 | 20.577 | ng/ul | 100 |
| 89) | Di-n-octyl phthalate | 22.409 | 149 | 3235958 | 29.465 | ng/ul | 100 |
| 90) | Benzo(b)fluoranthene | 23.250 | 252 | 2968518 | 21.889 | ng/ul | 100 |
| 91) | Benzo(k)fluoranthene | 23.303 | 252 | 2993165 | 21.486 | ng/ul | 100 |
| 93) | Benzo(a)pyrene | 23.891 | 252 | 2626104 | 20.904 | ng/ul | 100 |
| 94) | Indeno(1,2,3-cd)pyrene | 26.550 | 276 | 3170112 | 19.090 | ng/ul | 100 |
| 95) | Dibenzo(a,h)anthracene | 26.568 | 278 | 2677940 | 19.115 | ng/ul | 100 |
| 96) | Benzo(g,h,i)perylene | 27.332 | 276 | 2508833 | 18.451 | ng/ul | 100 |

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

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