Quantitation Report (Qedit)

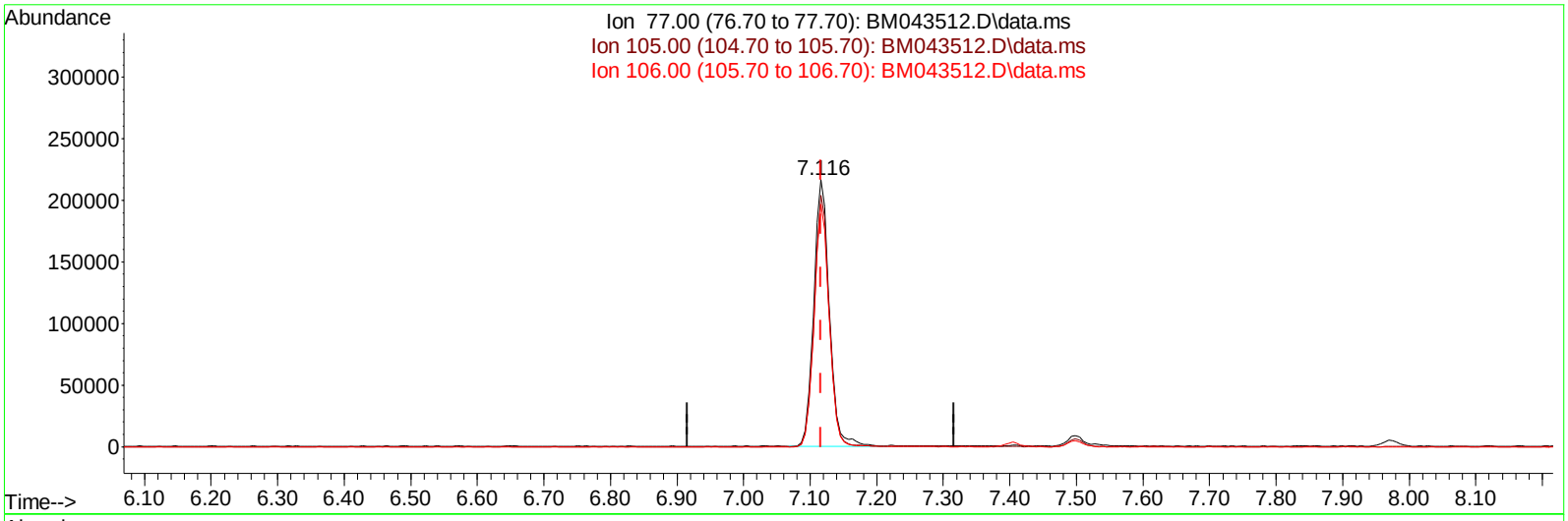
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043512.D
Acq On : 21 Dec 2023 20:47
Operator : MA/JU
Sample : PB157939BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

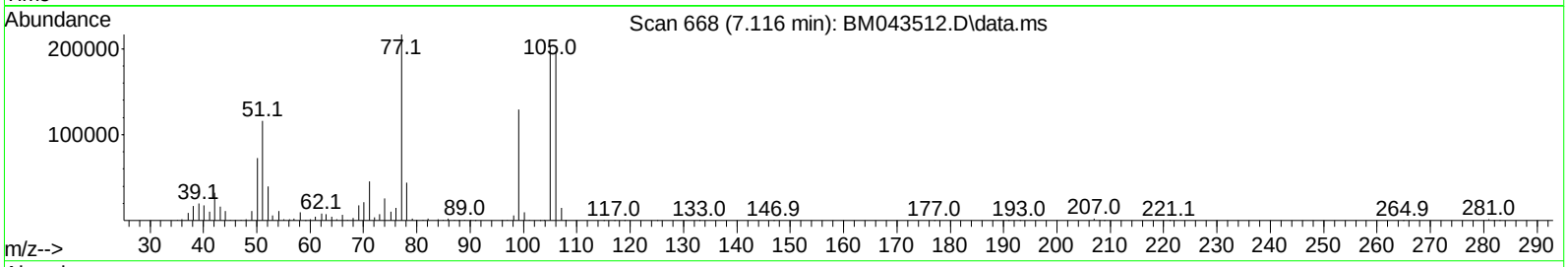
Quant Time: Dec 21 22:02:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 21:59:32 2023
Response via : Initial Calibration

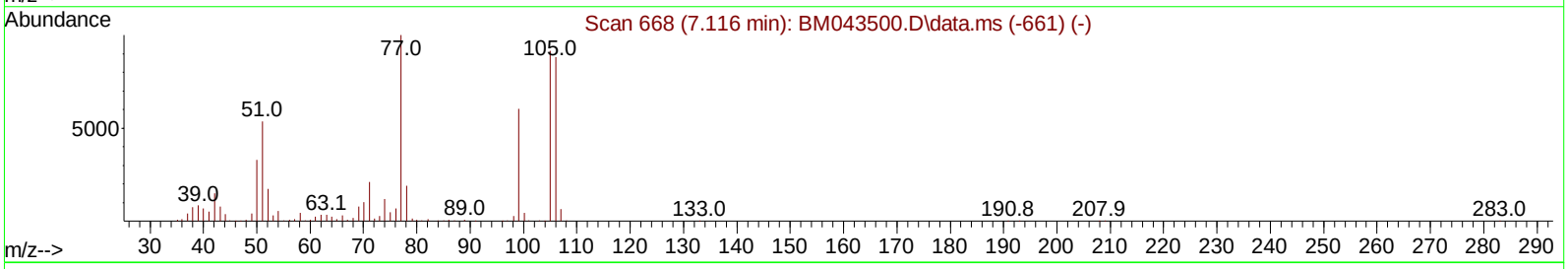
Instrument :
BNA_M
ClientSampleId :
SLCS939

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023







TIC: BM043512.D\data.ms

(6) Benzaldehyde

7.116min (-0.000) 31.91 ng/ul

response 355950

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	94.18
106.00	89.20	90.84
0.00	0.00	0.00

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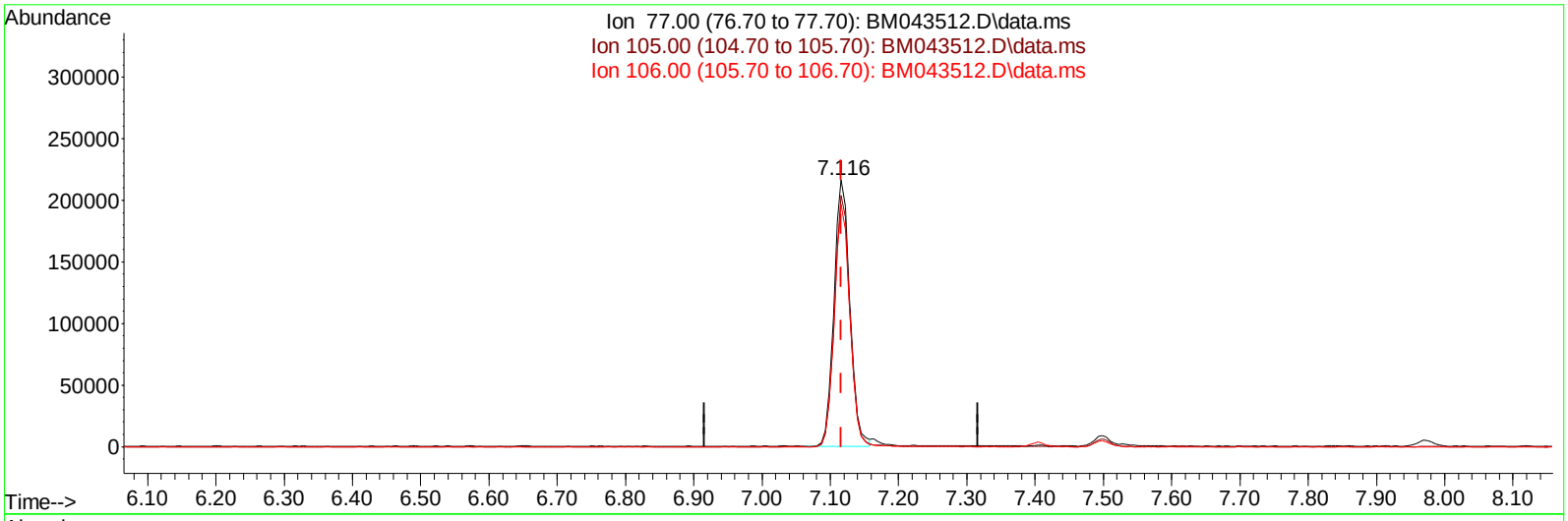

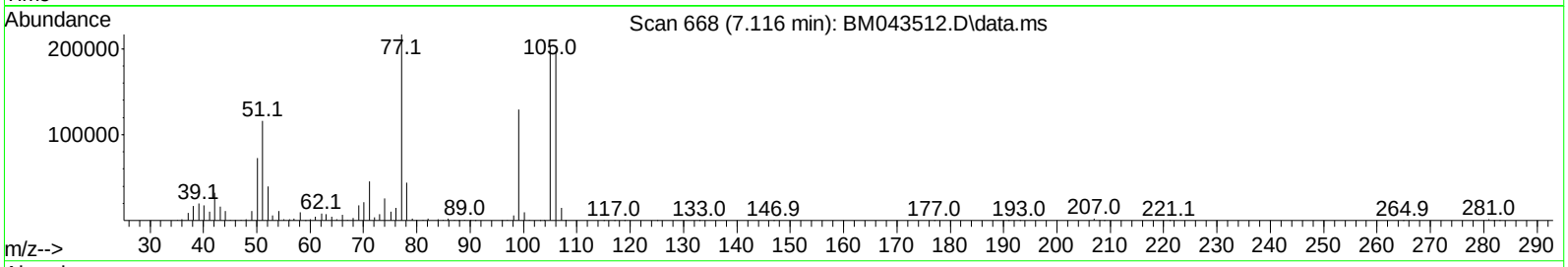

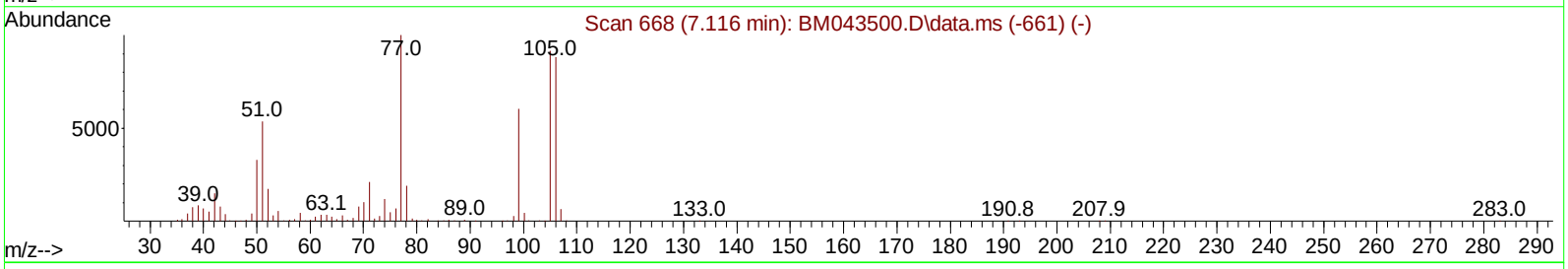

TIC: BM043512.D\data.ms

(6) Benzaldehyde

7.116min (-0.000) 31.39 ng/ul m

response 350175

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	94.18
106.00	89.20	90.84
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	7.975	152	206804	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	884431	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	481812	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	936196	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	835552	20.000	ng/ul	0.00
88) Perylene-d12	23.944	264	893915	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	39312	6.178	ng/uL	0.00
4) Pyridine-d5	3.793	84	555310	30.322	ng/ul	0.00
7) Phenol-d5	7.134	99	670657	28.508	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	431477	28.960	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	499289	27.796	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	494735	27.100	ng/ul	0.00
21) Nitrobenzene-d5	9.145	128	239954	28.042	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	237469	26.859	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	438424	28.090	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	642680	27.989	ng/ul	0.00
46) Dimethylphthalate-d6	14.027	166	1229062	28.337	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	1509025	29.329	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	268153	32.665	ng/ul	0.00
60) Fluorene-d10	15.598	176	1054459	29.400	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	170985	27.615	ng/ul	0.00
73) Anthracene-d10	17.451	188	1546761	29.460	ng/ul	0.00
81) Pyrene-d10	19.739	212	1655492	25.096	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	1667143	30.222	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	78434	11.157	ng/uL	93
5) Pyridine	3.810	79	567188	29.948	ng/ul	96
6) Benzaldehyde	7.116	77	350175m	31.392	ng/ul	
8) Phenol	7.157	94	666775	28.809	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.404	93	535788	28.515	ng/ul	100
12) 2-Chlorophenol	7.528	128	510862	27.919	ng/ul	99
13) 2-Methylphenol	8.416	108	483463	27.510	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.504	45	903085	28.621	ng/ul	99
16) Acetophenone	8.804	105	767498	27.460	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.792	70	423834	25.407	ng/ul	96
18) 4-Methylphenol	8.745	108	515438	27.062	ng/ul	100
19) Hexachloroethane	9.045	117	211950	27.471	ng/ul	99
22) Nitrobenzene	9.187	77	622503	29.395	ng/ul	98
23) Isophorone	9.716	82	1124712	26.182	ng/ul	98
25) 2-Nitrophenol	9.898	139	262609	27.947	ng/ul	98
26) 2,4-Dimethylphenol	9.951	107	479156	28.625	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.204	93	693017	27.322	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	423402	27.953	ng/ul	99
30) Naphthalene	10.828	128	1588152	28.175	ng/ul	100
32) 4-Chloroaniline	10.951	127	582306	26.372	ng/ul	99
33) Hexachlorobutadiene	11.104	225	200656	25.983	ng/ul	97
34) Caprolactam	11.733	113	147505	30.474	ng/ul	93
35) 4-Chloro-3-methylphenol	12.063	107	485870	27.310	ng/ul	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.439	142	1037002	27.027 ng/ul	100
37) 1-Methylnaphthalene	12.657	142	1017646	26.295 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	395690	26.954 ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	222203	24.124 ng/ul	97
41) 2,4,6-Trichlorophenol	13.045	196	284386	27.253 ng/ul	97
42) 2,4,5-Trichlorophenol	13.110	196	313269	28.274 ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1282155	27.916 ng/ul	99
44) 2-Chloronaphthalene	13.486	162	1006059	28.571 ng/ul	99
45) 2-Nitroaniline	13.698	65	354910	30.057 ng/ul	98
47) Dimethylphthalate	14.074	163	1232066	28.764 ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	238075	28.749 ng/ul	94
50) Acenaphthylene	14.327	152	1718582	29.087 ng/ul	99
51) 3-Nitroaniline	14.521	138	261260	27.482 ng/ul	99
52) Acenaphthene	14.669	153	1115110	28.636 ng/ul	99
53) 2,4-Dinitrophenol	14.727	184	109441	24.826 ng/ul	90
55) 4-Nitrophenol	14.821	109	213076	33.427 ng/ul	95
56) Dibenzofuran	15.004	168	1427959	28.393 ng/ul	99
57) 2,4-Dinitrotoluene	14.980	165	356591	30.478 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.227	232	232992	27.446 ng/ul#	94
59) Diethylphthalate	15.433	149	1302186	29.666 ng/ul	98
61) Fluorene	15.651	166	1255887	29.230 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.651	204	521680	27.604 ng/ul	96
63) 4-Nitroaniline	15.680	138	295282	33.934 ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.733	198	181205	27.412 ng/ul	95
67) N-Nitrosodiphenylamine	15.868	169	1015847	28.250 ng/ul	100
68) 4-Bromophenyl-phenylether	16.545	248	286766	25.855 ng/ul	96
69) Hexachlorobenzene	16.645	284	350371	27.573 ng/ul	95
70) Atrazine	16.821	200	292991	37.172 ng/ul	99
71) Pentachlorophenol	16.992	266	208645	27.160 ng/ul	99
72) Phenanthrene	17.392	178	1870791	29.484 ng/ul	99
74) Anthracene	17.486	178	1901662	29.696 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	391150	25.441 ng/uL	99
76) Pentachlorobenzene	14.916	250	379947	25.379 ng/uL	97
77) Carbazole	17.757	167	1820339	33.307 ng/ul	99
78) Di-n-butylphthalate	18.327	149	2279829	31.908 ng/ul	100
80) Fluoranthene	19.404	202	1985901	24.310 ng/ul	100
82) Pyrene	19.768	202	2123325	25.283 ng/ul	100
83) Butylbenzylphthalate	20.674	149	1008749	27.782 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.450	252	622068	30.229 ng/ul	99
85) Benzo(a)anthracene	21.515	228	2021146	28.928 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	1561092	30.200 ng/ul	99
87) Chrysene	21.568	228	1875908	29.845 ng/ul	99
89) Di-n-octyl phthalate	22.397	149	2550852	29.830 ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1979758	28.900 ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	2025731	30.320 ng/ul	99
93) Benzo(a)pyrene	23.839	252	1911098	30.578 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	2368130	31.733 ng/ul	99
95) Dibenzo(a,h)anthracene	26.485	278	2000394	32.372 ng/ul	98
96) Benzo(g,h,i)perylene	27.232	276	1865919	31.897 ng/ul	99

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

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