Quantitation Report (Qedit)

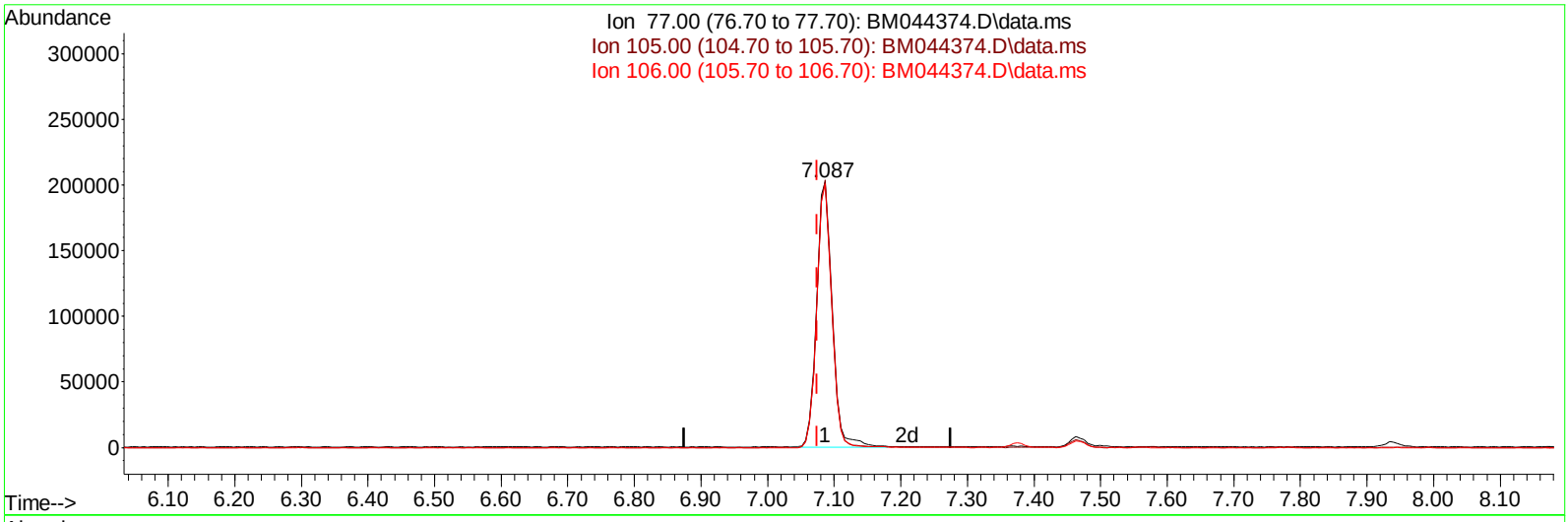
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044374.D
Acq On : 27 Feb 2024 19:33
Operator : MA/JU
Sample : PB159204BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

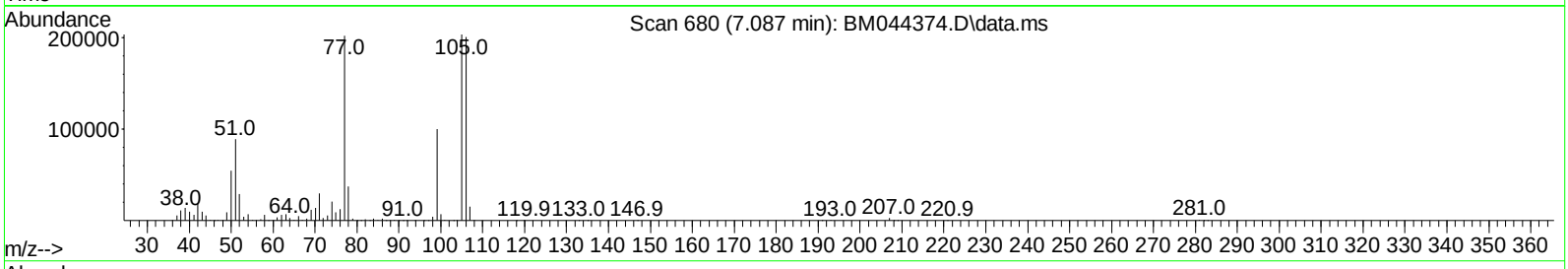
Quant Time: Feb 27 22:29:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 00:07:53 2024
Response via : Initial Calibration

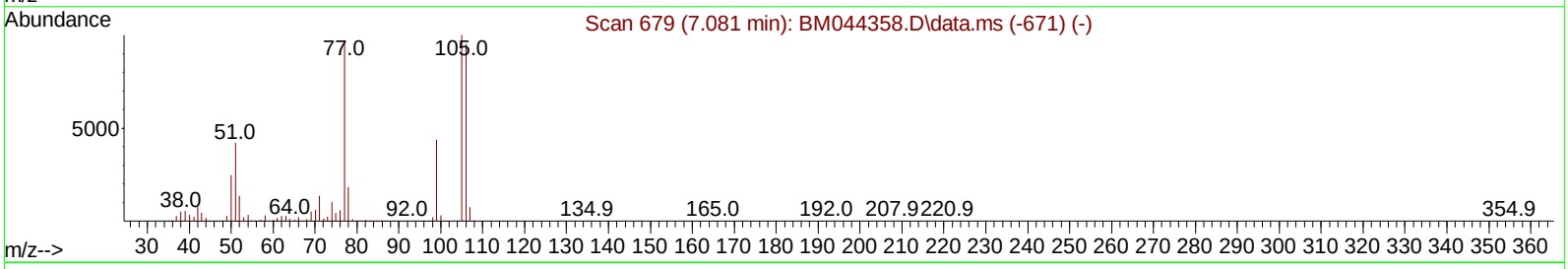
Instrument :
BNA_M
ClientSampleId :
SLCS204

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/28/2024
Supervised By :mohammad ahmed 02/29/2024







TIC: BM044374.D\data.ms

(6) Benzaldehyde

7.087min (+ 0.012) 42.29 ng/ul

response 329164

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	100.66
106.00	96.80	99.27
0.00	0.00	0.00

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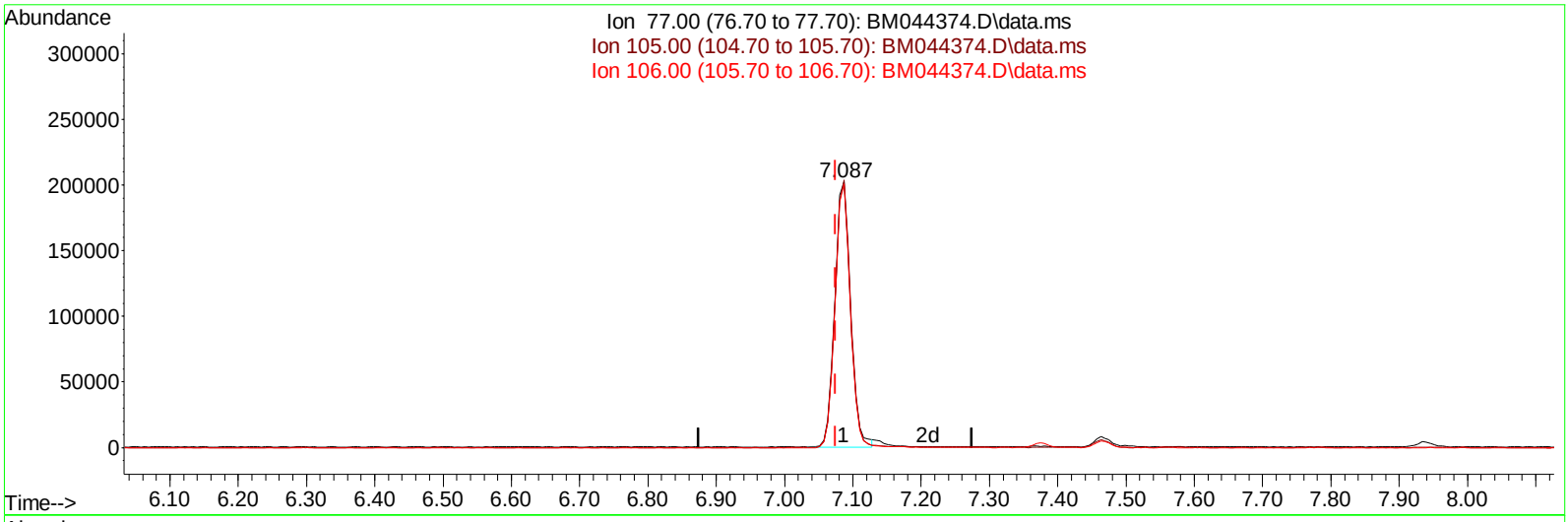

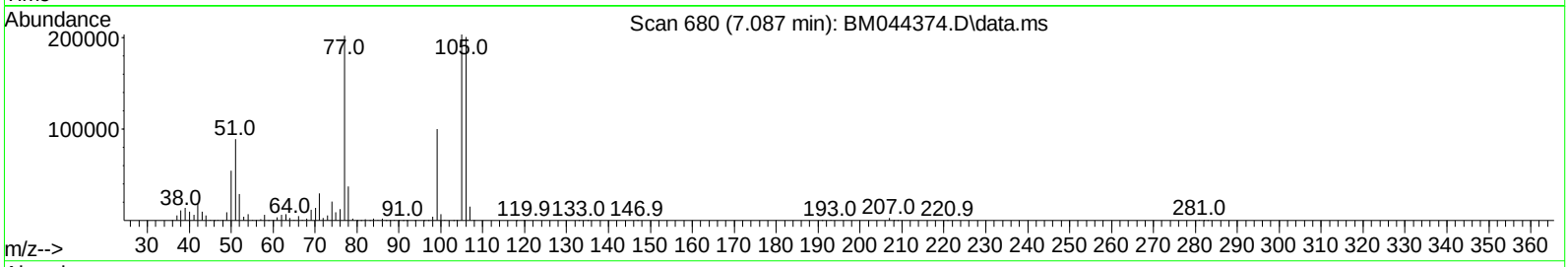

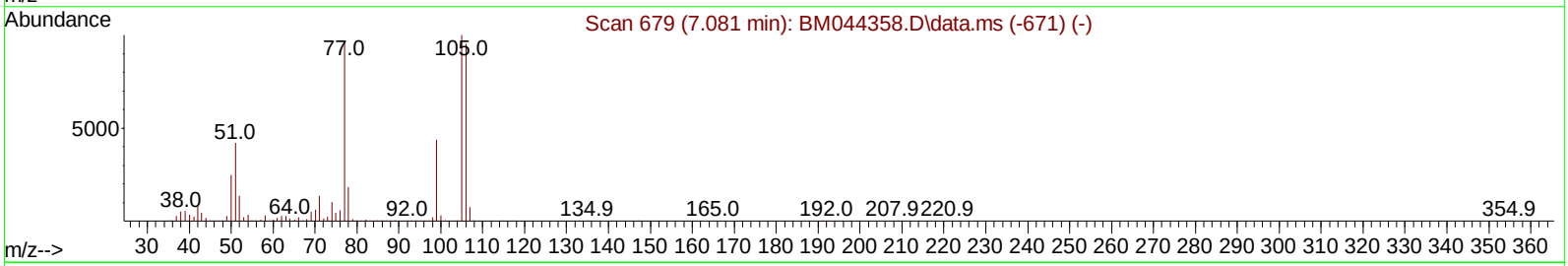

TIC: BM044374.D\data.ms

(6) Benzaldehyde

7.087min (+ 0.012) 41.63 ng/ul m

response 324083

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	100.66
106.00	96.80	99.27
0.00	0.00	0.00

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Sample : PB159204BS
Misc :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	187199	20.000	ng/ul	0.01
20) Naphthalene-d8	10.745	136	820527	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.580	164	471458	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	980745	20.000	ng/ul	0.01
79) Chrysene-d12	21.527	240	827216	20.000	ng/ul	0.00
88) Perylene-d12	23.944	264	883327	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	40098	6.758	ng/uL	0.00
4) Pyridine-d5	3.775	84	580440	35.822	ng/ul	0.00
7) Phenol-d5	7.104	99	662012	36.916	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	412838	35.550	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	524824	38.858	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	506060	37.295	ng/ul	0.01
21) Nitrobenzene-d5	9.110	128	256539	38.453	ng/ul	0.01
24) 2-Nitrophenol-d4	9.828	143	281741	41.392	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	488541	40.689	ng/ul	0.00
31) 4-Chloroaniline-d4	10.892	131	694392	34.435	ng/ul	0.01
46) Dimethylphthalate-d6	14.004	166	1393602	38.327	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	1678051	40.111	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	280120	38.715	ng/ul	0.02
60) Fluorene-d10	15.574	176	1203401	39.102	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	221676	36.428	ng/ul	0.01
73) Anthracene-d10	17.433	188	1804134	38.580	ng/ul	0.01
81) Pyrene-d10	19.727	212	2039628	40.984	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	1842207	40.700	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	87008	13.913	ng/uL	96
5) Pyridine	3.799	79	610342	36.004	ng/ul	95
6) Benzaldehyde	7.087	77	324083m	41.633	ng/ul	
8) Phenol	7.134	94	707659	37.963	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	574211	36.802	ng/ul	98
12) 2-Chlorophenol	7.498	128	552230	39.521	ng/ul	97
13) 2-Methylphenol	8.387	108	523520	38.121	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	757914	35.528	ng/ul	97
16) Acetophenone	8.775	105	837562	38.636	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	431197	39.707	ng/ul	97
18) 4-Methylphenol	8.722	108	567508	38.793	ng/ul	98
19) Hexachloroethane	9.010	117	228609	38.565	ng/ul	95
22) Nitrobenzene	9.151	77	614571	38.090	ng/ul	100
23) Isophorone	9.681	82	1228502	39.287	ng/ul	99
25) 2-Nitrophenol	9.863	139	309105	40.946	ng/ul	97
26) 2,4-Dimethylphenol	9.922	107	493927	34.266	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	774361	38.093	ng/ul	99
29) 2,4-Dichlorophenol	10.392	162	496337	40.845	ng/ul	100
30) Naphthalene	10.798	128	1779896	38.141	ng/ul	100
32) 4-Chloroaniline	10.916	127	588885	29.968	ng/ul	99
33) Hexachlorobutadiene	11.069	225	279671	38.202	ng/ul	98
34) Caprolactam	11.704	113	172092	40.969	ng/ul	93
35) 4-Chloro-3-methylphenol	12.039	107	542421	41.898	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	1164923	39.191	ng/ul	99
37) 1-Methylnaphthalene	12.627	142	1150039	39.139	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	549070	39.342	ng/ul	98
40) Hexachlorocyclopentadiene	12.739	237	282404	30.075	ng/ul	100
41) 2,4,6-Trichlorophenol	13.016	196	364830	41.010	ng/ul	99
42) 2,4,5-Trichlorophenol	13.086	196	400652	41.661	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	1482857	38.634	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	1169303	38.908	ng/ul	99
45) 2-Nitroaniline	13.674	65	352663	42.384	ng/ul	93
47) Dimethylphthalate	14.051	163	1460094	39.289	ng/ul	100
48) 2,6-Dinitrotoluene	14.174	165	297175	42.760	ng/ul	98
50) Acenaphthylene	14.304	152	1950346	39.359	ng/ul	99
51) 3-Nitroaniline	14.504	138	319186	43.534	ng/ul	95
52) Acenaphthene	14.645	153	1271582	38.871	ng/ul	100
53) 2,4-Dinitrophenol	14.710	184	152687	35.405	ng/ul	95
55) 4-Nitrophenol	14.804	109	196469	39.527	ng/ul	96
56) Dibenzofuran	14.980	168	1717581	39.112	ng/ul	100
57) 2,4-Dinitrotoluene	14.957	165	431723	43.240	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.204	232	310682	40.142	ng/ul	99
59) Diethylphthalate	15.416	149	1524891	39.863	ng/ul	99
61) Fluorene	15.633	166	1400263	39.700	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.633	204	661885	39.819	ng/ul	98
63) 4-Nitroaniline	15.663	138	339760	47.911	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.716	198	245453	36.872	ng/ul	100
67) N-Nitrosodiphenylamine	15.845	169	1184796	39.864	ng/ul	100
68) 4-Bromophenyl-phenylether	16.527	248	398692	40.915	ng/ul	97
69) Hexachlorobenzene	16.627	284	451195	40.455	ng/ul	96
70) Atrazine	16.804	200	251324	25.814	ng/ul	98
71) Pentachlorophenol	16.974	266	263827	35.895	ng/ul	98
72) Phenanthrene	17.374	178	2195747	39.027	ng/ul	100
74) Anthracene	17.462	178	2194937	38.748	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.374	216	544899	39.691	ng/uL	97
76) Pentachlorobenzene	14.892	250	519438	39.634	ng/uL	97
77) Carbazole	17.745	167	2079193	39.035	ng/ul	100
78) Di-n-butylphthalate	18.315	149	2854948	42.333	ng/ul	100
80) Fluoranthene	19.392	202	2478030	41.518	ng/ul	99
82) Pyrene	19.756	202	2571437	41.081	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1284703	45.695	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.450	252	761088	41.133	ng/ul	99
85) Benzo(a)anthracene	21.515	228	2483769	40.259	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	1976033	45.907	ng/ul	100
87) Chrysene	21.568	228	2305184	39.749	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	3419442	45.182	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	2369663	41.846	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	2388867	41.072	ng/ul	99
93) Benzo(a)pyrene	23.839	252	2232173	40.884	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	2663868	40.346	ng/ul	99
95) Dibenzo(a,h)anthracene	26.497	278	2242189	40.638	ng/ul	99
96) Benzo(g,h,i)perylene	27.238	276	2147910	40.217	ng/ul	98

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

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