Quantitation Report (Qedit)

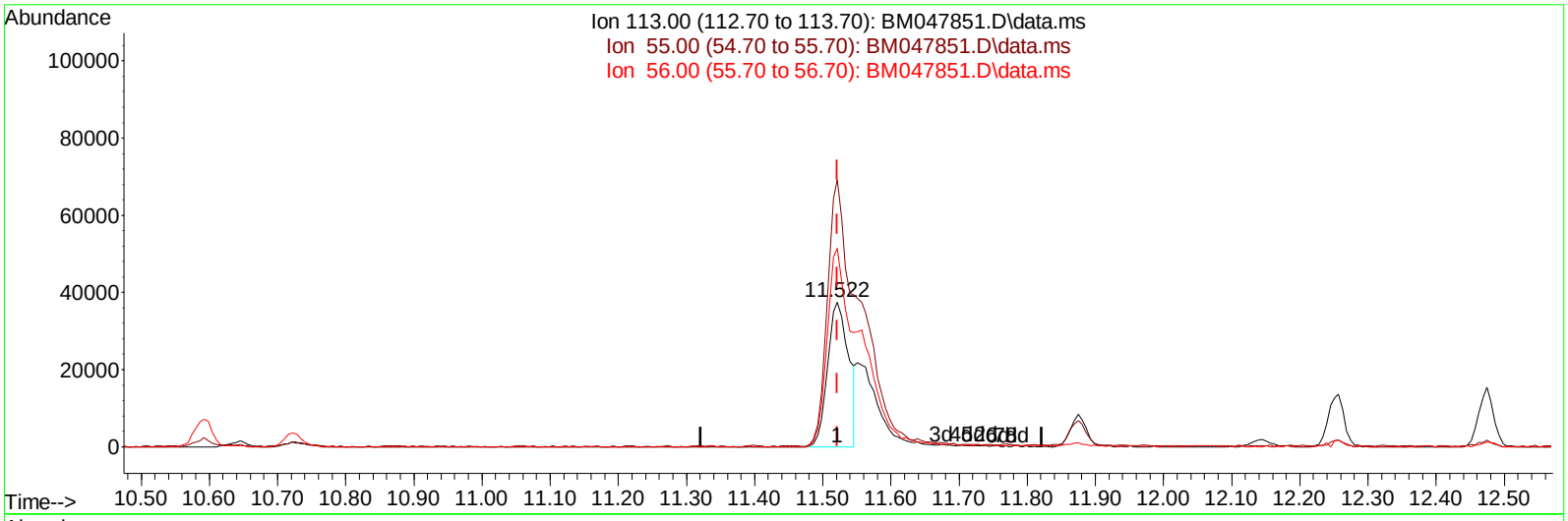
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047851.D
Acq On : 04 Oct 2024 20:55
Operator : RC/JU
Sample : PB163894BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

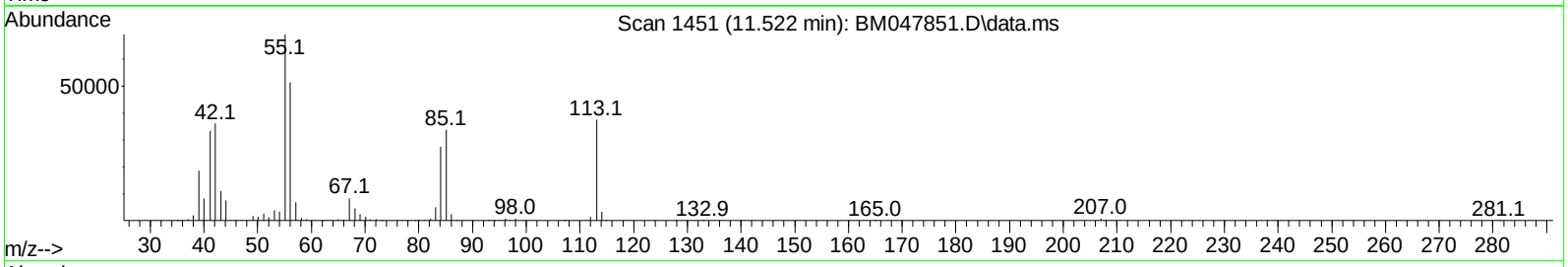
Quant Time: Oct 04 23:03:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

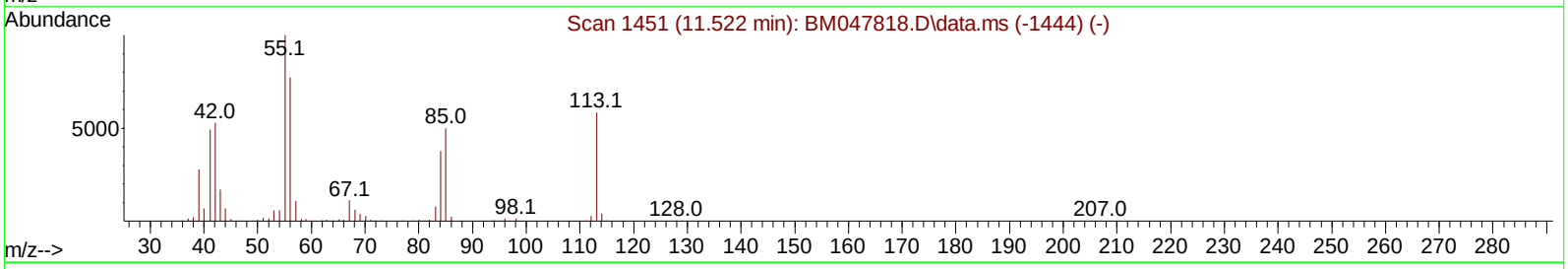
Instrument :
BNA_M
ClientSampleId :
SLCS894

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/06/2024







TIC: BM047851.D\data.ms

(34) Caprolactam

11.522min (+ 0.000) 14.64 ng/ul

response 80710

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	184.55
56.00	164.10	137.11
0.00	0.00	0.00

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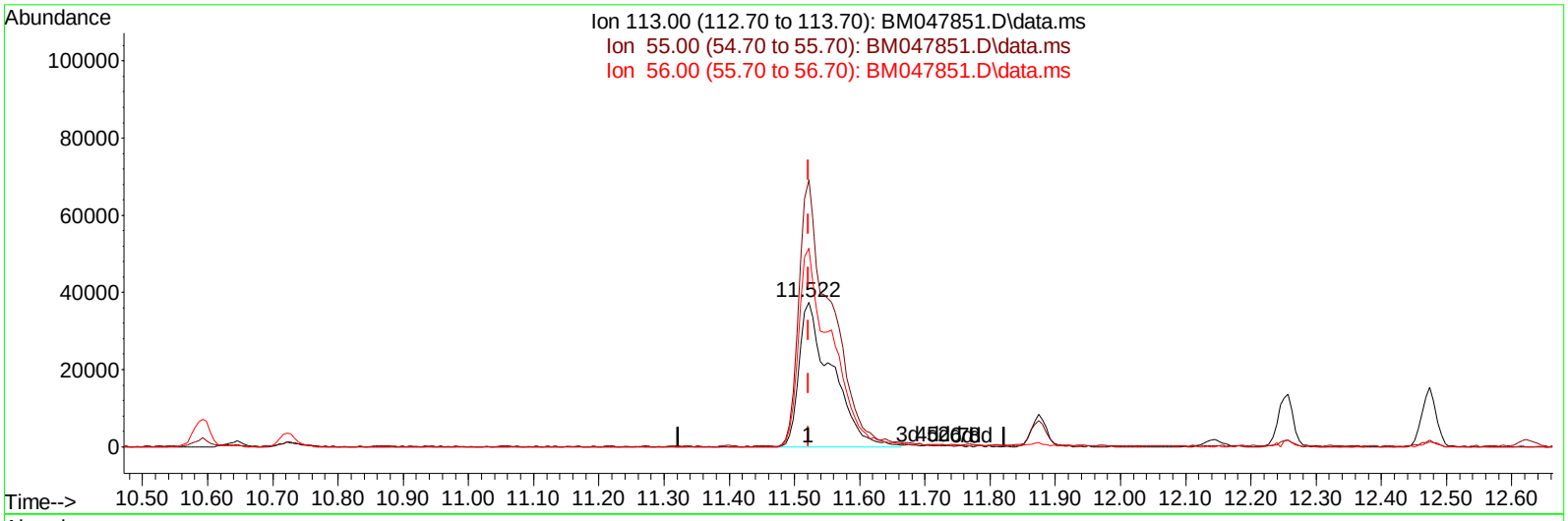

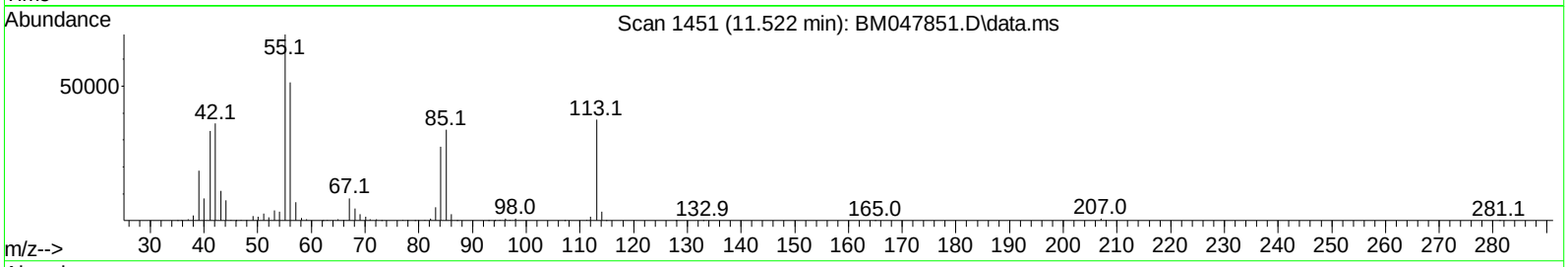

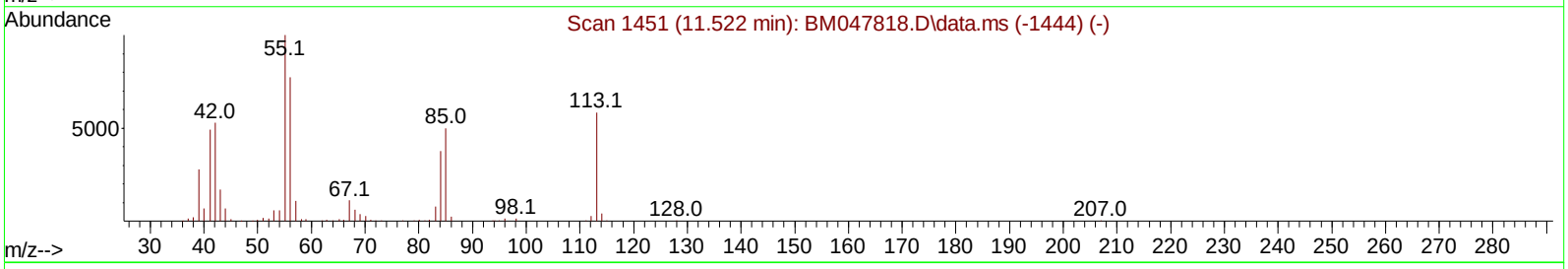

TIC: BM047851.D\data.ms

(34) Caprolactam

11.522min (+ 0.000) 23.53 ng/ul m

response 129719

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	184.55
56.00	164.10	137.11
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	7.798	152	269508	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1095041	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	671699	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1339372	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1247090	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1344906	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	34562	4.144	ng/uL	0.00
4) Pyridine-d5	3.663	84	476089	19.497	ng/ul	0.00
7) Phenol-d5	6.963	99	566002	22.210	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	347655	19.224	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	466005	25.133	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	435455	22.982	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	220549	25.296	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	233437	27.939	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	447017	26.782	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	596457	23.115	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	1229884	25.255	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	1432036	24.801	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	235517	24.290	ng/ul	0.00
60) Fluorene-d10	15.421	176	1050043	24.893	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	187393	23.909	ng/ul	0.00
73) Anthracene-d10	17.268	188	1566093	23.780	ng/ul	0.00
81) Pyrene-d10	19.556	212	1805124	25.504	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.191	264	1793220	25.698	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	69164	7.593	ng/uL	90
5) Pyridine	3.681	79	470210	18.291	ng/ul	94
6) Benzaldehyde	6.940	77	280804	20.261	ng/ul	93
8) Phenol	6.992	94	574552	21.188	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.222	93	449021	20.781	ng/ul	91
12) 2-Chlorophenol	7.363	128	471843	24.021	ng/ul	93
13) 2-Methylphenol	8.239	108	421229	22.278	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	681494	16.755	ng/ul#	94
16) Acetophenone	8.622	105	695646	21.457	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.610	70	349861	20.374	ng/ul#	88
18) 4-Methylphenol	8.569	108	464133	21.843	ng/ul	99
19) Hexachloroethane	8.881	117	196757	22.285	ng/ul	88
22) Nitrobenzene	8.992	77	508109	20.515	ng/ul	93
23) Isophorone	9.522	82	958555	21.635	ng/ul	95
25) 2-Nitrophenol	9.704	139	247924	25.938	ng/ul	91
26) 2,4-Dimethylphenol	9.769	107	371454	18.136	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.004	93	591252	21.819	ng/ul	97
29) 2,4-Dichlorophenol	10.239	162	442412	25.670	ng/ul	97
30) Naphthalene	10.639	128	1454174	23.087	ng/ul	99
32) 4-Chloroaniline	10.745	127	473478	18.635	ng/ul	98
33) Hexachlorobutadiene	10.933	225	275283	24.175	ng/ul	97
34) Caprolactam	11.522	113	129719m	23.534	ng/ul	
35) 4-Chloro-3-methylphenol	11.875	107	439574	24.639	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.251	142	965563	24.126	ng/ul	97
37) 1-Methylnaphthalene	12.474	142	965997	23.724	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.622	216	514750	23.541	ng/ul	97
40) Hexachlorocyclopentadiene	12.610	237	240599	18.193	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	327053	25.851	ng/ul	99
42) 2,4,5-Trichlorophenol	12.933	196	354507	25.625	ng/ul	96
43) 1,1'-Biphenyl	13.269	154	1254009	23.317	ng/ul#	97
44) 2-Chloronaphthalene	13.310	162	974446	23.428	ng/ul	96
45) 2-Nitroaniline	13.510	65	278249	21.073	ng/ul#	79
47) Dimethylphthalate	13.892	163	1199692	24.325	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	227371	26.251	ng/ul	89
50) Acenaphthylene	14.157	152	1551882	23.832	ng/ul	99
51) 3-Nitroaniline	14.333	138	250081	23.856	ng/ul	85
52) Acenaphthene	14.498	153	1048511	22.779	ng/ul	97
53) 2,4-Dinitrophenol	14.539	184	117350	21.926	ng/ul#	75
55) 4-Nitrophenol	14.645	109	176585	21.692	ng/ul	86
56) Dibenzofuran	14.833	168	1468657	23.703	ng/ul	96
57) 2,4-Dinitrotoluene	14.792	165	344083	26.450	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.057	232	289146	26.515	ng/ul#	96
59) Diethylphthalate	15.257	149	1201415	24.347	ng/ul	98
61) Fluorene	15.480	166	1190005	23.021	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.474	204	575541	23.562	ng/ul	97
63) 4-Nitroaniline	15.492	138	269399	26.461	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.551	198	200717	23.111	ng/ul#	91
67) N-Nitrosodiphenylamine	15.686	169	989380	23.705	ng/ul	99
68) 4-Bromophenyl-phenylether	16.368	248	345414	25.019	ng/ul	96
69) Hexachlorobenzene	16.480	284	406181	25.281	ng/ul	94
70) Atrazine	16.633	200	267164	19.230	ng/ul	97
71) Pentachlorophenol	16.821	266	246737	24.151	ng/ul	99
72) Phenanthrene	17.215	178	1828499	23.280	ng/ul	100
74) Anthracene	17.304	178	1806773	22.553	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.233	216	499292	22.515	ng/uL	99
76) Pentachlorobenzene	14.751	250	476106	21.995	ng/uL	98
77) Carbazole	17.574	167	1680695	23.146	ng/ul	98
78) Di-n-butylphthalate	18.139	149	2049975	25.358	ng/ul	99
80) Fluoranthene	19.221	202	2059539	24.707	ng/ul	99
82) Pyrene	19.586	202	2226470	23.997	ng/ul	96
83) Butylbenzylphthalate	20.480	149	896743	27.339	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.303	252	635941	24.133	ng/ul	98
85) Benzo(a)anthracene	21.380	228	2104781	24.105	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.303	149	1319006	26.784	ng/ul	97
87) Chrysene	21.439	228	1990080	23.378	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	2223499	25.632	ng/ul	100
90) Benzo(b)fluoranthene	23.444	252	2084078	24.848	ng/ul	98
91) Benzo(k)fluoranthene	23.509	252	2038900	23.774	ng/ul	98
93) Benzo(a)pyrene	24.256	252	1851654	23.246	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.773	276	2404092	23.551	ng/ul	98
95) Dibenzo(a,h)anthracene	27.832	278	1972711	23.581	ng/ul	98
96) Benzo(g,h,i)perylene	28.832	276	1868570	23.363	ng/ul	98

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

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