Quantitation Report (Qedit)

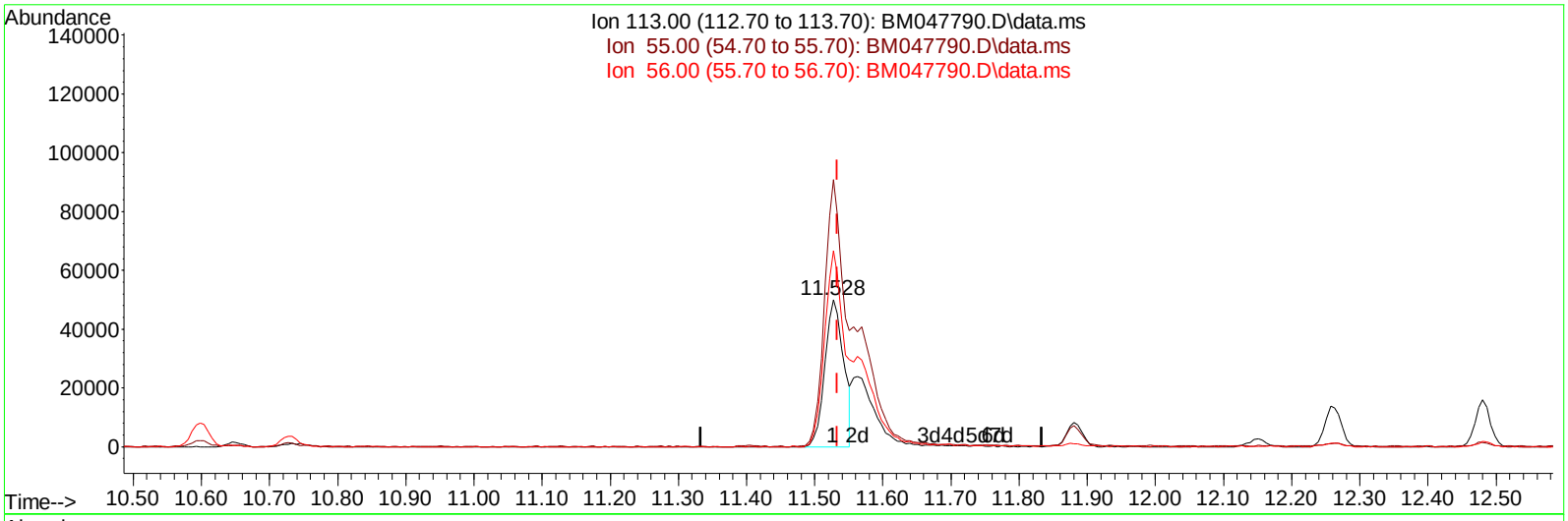
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100224\
Data File : BM047790.D
Acq On : 02 Oct 2024 23:51
Operator : RC/JU
Sample : PB163608BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

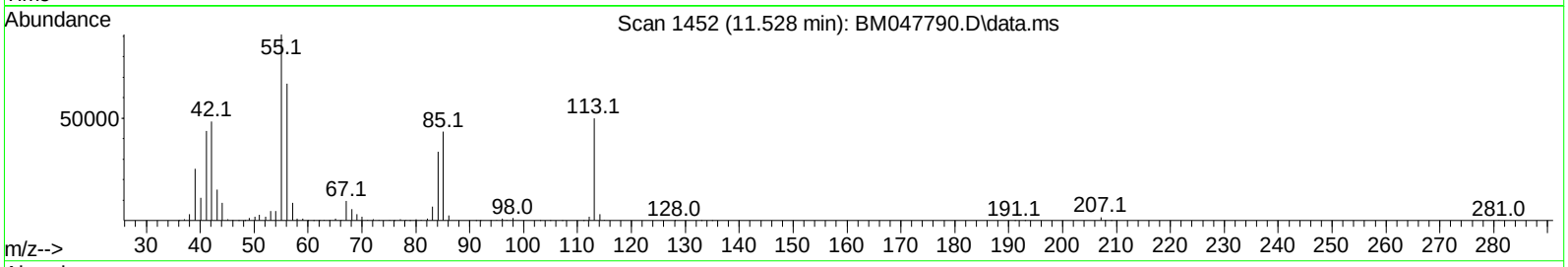
Quant Time: Oct 03 08:54:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

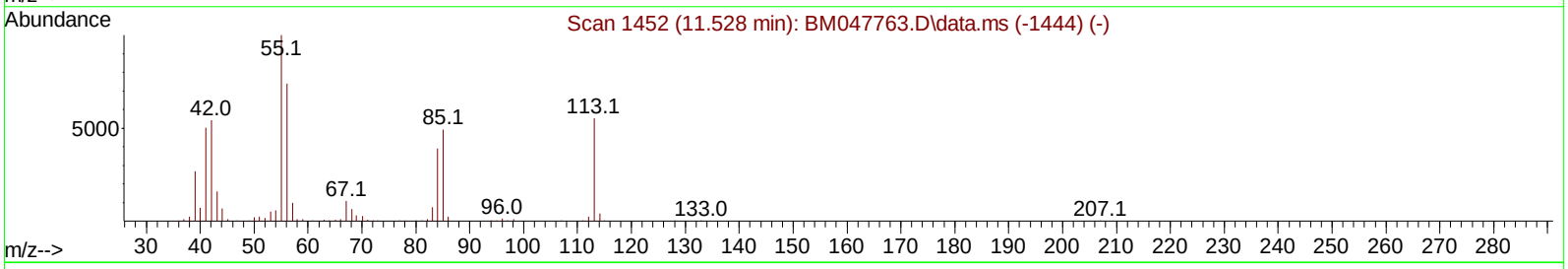
Instrument :
BNA_M
ClientSampleId :
SLCS608

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024







TIC: BM047790.D\data.ms

(34) Caprolactam

11.528min (-0.006) 15.83 ng/ul

response 96814

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	181.66
56.00	164.10	133.43
0.00	0.00	0.00

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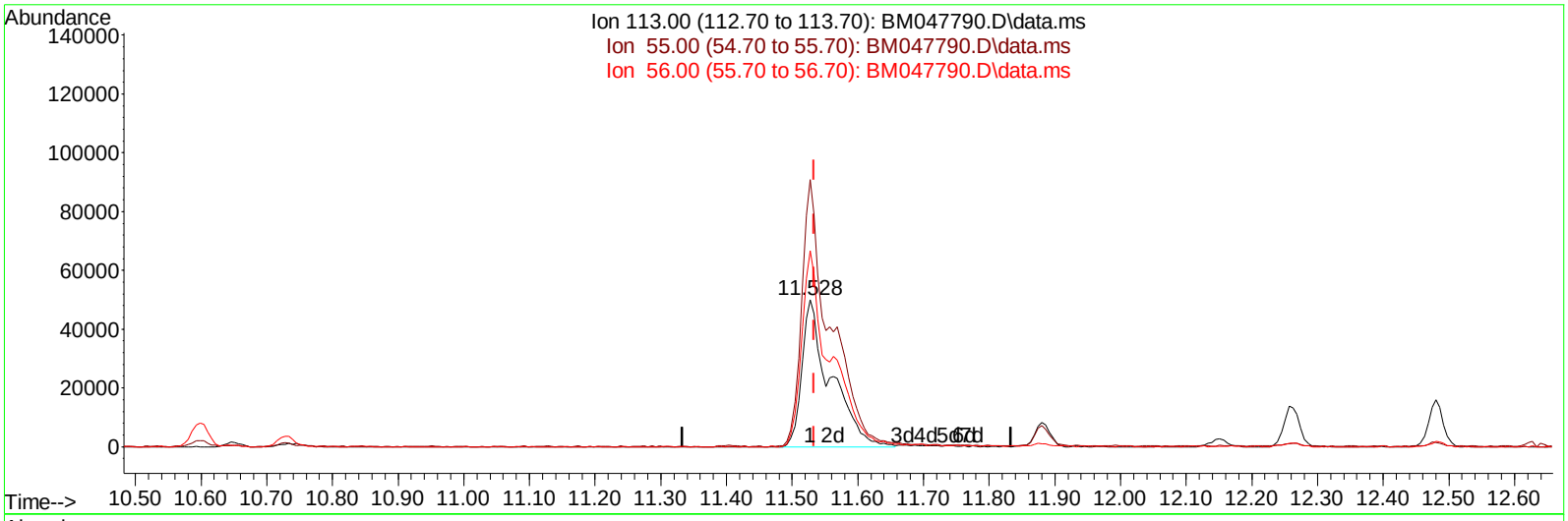

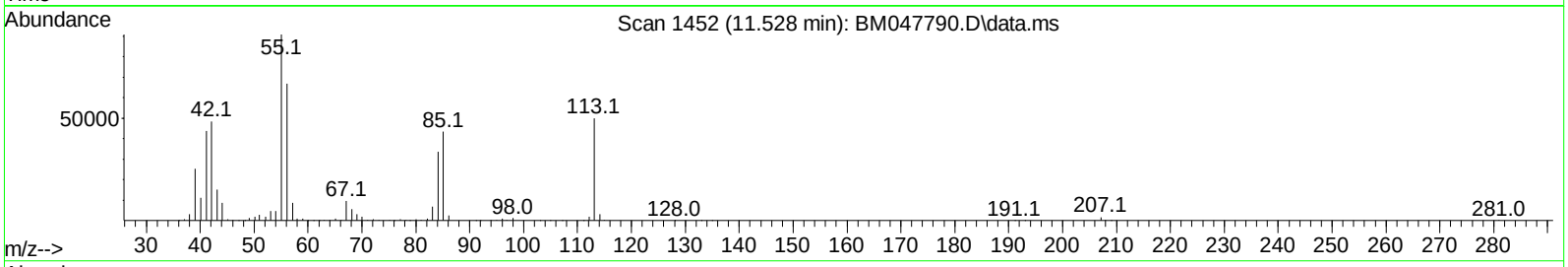

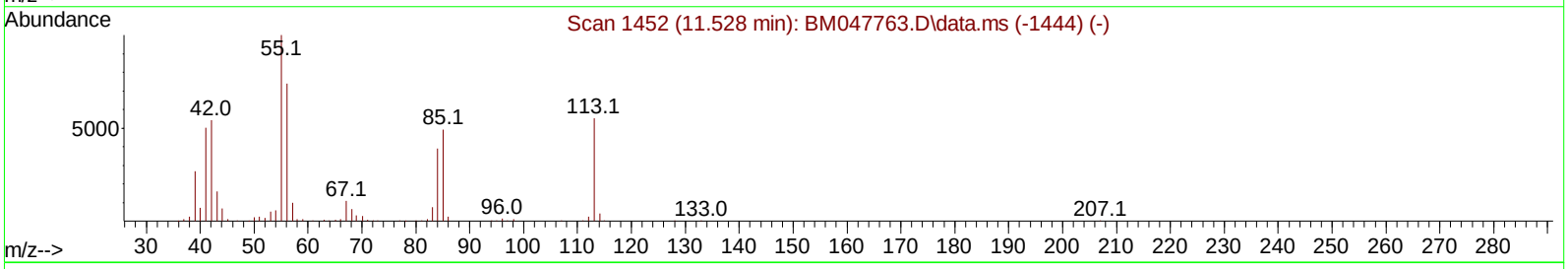

TIC: BM047790.D\data.ms

(34) Caprolactam

11.528min (-0.006) 24.82 ng/ul m

response 151789

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	181.66
56.00	164.10	133.43
0.00	0.00	0.00

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ALS Vial : 15 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	288233	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.598	136	1214773	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	773930	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.180	188	1601848	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1547000	20.000	ng/ul	0.00
88) Perylene-d12	24.409	264	1683424	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	32377	3.630	ng/uL	0.00
4) Pyridine-d5	3.669	84	470589	18.020	ng/ul	0.00
7) Phenol-d5	6.969	99	548666	20.131	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	331920	17.162	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.340	132	446407	22.512	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	425650	21.005	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	212608	21.982	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.681	143	218966	23.624	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	433857	23.432	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	592463	20.697	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1235650	22.022	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1433918	21.554	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	246308	22.048	ng/ul	0.00
60) Fluorene-d10	15.433	176	1059373	21.797	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	188535	20.113	ng/ul	0.00
73) Anthracene-d10	17.274	188	1637243	20.786	ng/ul	-0.01
81) Pyrene-d10	19.562	212	1932253	22.007	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.197	264	1956380	22.399	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	68462	7.027	ng/uL	93
5) Pyridine	3.687	79	475317	17.288	ng/ul	92
6) Benzaldehyde	6.945	77	309527	20.883	ng/ul	90
8) Phenol	6.998	94	559376	19.288	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.228	93	433634	18.765	ng/ul	92
12) 2-Chlorophenol	7.369	128	455195	21.668	ng/ul	94
13) 2-Methylphenol	8.245	108	407017	20.128	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	661602	15.209	ng/ul#	95
16) Acetophenone	8.628	105	675568	19.484	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.610	70	343995	18.731	ng/ul	91
18) 4-Methylphenol	8.575	108	457526	20.133	ng/ul	98
19) Hexachloroethane	8.886	117	187326	19.838	ng/ul	92
22) Nitrobenzene	9.004	77	501098	18.238	ng/ul	92
23) Isophorone	9.534	82	938957	19.104	ng/ul	95
25) 2-Nitrophenol	9.710	139	240382	22.670	ng/ul	92
26) 2,4-Dimethylphenol	9.775	107	387826	17.069	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.010	93	573115	19.065	ng/ul	99
29) 2,4-Dichlorophenol	10.245	162	429891	22.485	ng/ul	98
30) Naphthalene	10.651	128	1428625	20.446	ng/ul	99
32) 4-Chloroaniline	10.757	127	523267	18.565	ng/ul	100
33) Hexachlorobutadiene	10.939	225	262406	20.773	ng/ul	97
34) Caprolactam	11.528	113	151789m	24.824	ng/ul	
35) 4-Chloro-3-methylphenol	11.880	107	442820	22.375	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	958812	21.596	ng/ul	98
37) 1-Methylnaphthalene	12.480	142	967215	21.413	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	505388	20.060	ng/ul#	97
40) Hexachlorocyclopentadiene	12.616	237	242674	15.926	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	325848	22.354	ng/ul	99
42) 2,4,5-Trichlorophenol	12.939	196	355843	22.324	ng/ul	97
43) 1,1'-Biphenyl	13.274	154	1246025	20.109	ng/ul#	97
44) 2-Chloronaphthalene	13.316	162	982159	20.494	ng/ul	96
45) 2-Nitroaniline	13.516	65	285717	18.781	ng/ul#	81
47) Dimethylphthalate	13.898	163	1216847	21.414	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	235799	23.628	ng/ul	87
50) Acenaphthylene	14.163	152	1544482	20.586	ng/ul	99
51) 3-Nitroaniline	14.339	138	260865	21.597	ng/ul	87
52) Acenaphthene	14.504	153	1081146	20.385	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	115549	18.738	ng/ul#	81
55) 4-Nitrophenol	14.645	109	187319	19.971	ng/ul	91
56) Dibenzofuran	14.839	168	1482963	20.772	ng/ul	97
57) 2,4-Dinitrotoluene	14.798	165	354139	23.627	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.063	232	297745	23.697	ng/ul#	98
59) Diethylphthalate	15.263	149	1245339	21.903	ng/ul	98
61) Fluorene	15.486	166	1225784	20.580	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	590314	20.975	ng/ul	98
63) 4-Nitroaniline	15.498	138	280239	23.890	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.557	198	204557	19.694	ng/ul#	93
67) N-Nitrosodiphenylamine	15.692	169	1009009	20.214	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	352641	21.357	ng/ul	96
69) Hexachlorobenzene	16.492	284	412007	21.442	ng/ul	93
70) Atrazine	16.639	200	318932	19.194	ng/ul	99
71) Pentachlorophenol	16.827	266	277886	22.743	ng/ul	99
72) Phenanthrene	17.221	178	1911399	20.348	ng/ul	100
74) Anthracene	17.309	178	1929938	20.143	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	490722	18.502	ng/uL	99
76) Pentachlorobenzene	14.763	250	487483	18.830	ng/uL	99
77) Carbazole	17.580	167	1786543	20.572	ng/ul	99
78) Di-n-butylphthalate	18.145	149	2222265	22.985	ng/ul	98
80) Fluoranthene	19.233	202	2225799	21.525	ng/ul	97
82) Pyrene	19.592	202	2418150	21.011	ng/ul	96
83) Butylbenzylphthalate	20.486	149	1008289	24.781	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.309	252	690492	21.123	ng/ul	99
85) Benzo(a)anthracene	21.386	228	2320283	21.421	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.309	149	1576019	25.799	ng/ul	99
87) Chrysene	21.445	228	2199603	20.830	ng/ul	99
89) Di-n-octyl phthalate	22.444	149	2644053	24.351	ng/ul	100
90) Benzo(b)fluoranthene	23.456	252	2267980	21.603	ng/ul	98
91) Benzo(k)fluoranthene	23.521	252	2314069	21.557	ng/ul	98
93) Benzo(a)pyrene	24.268	252	2110964	21.172	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.791	276	2638597	20.651	ng/ul	98
95) Dibenzo(a,h)anthracene	27.850	278	2159669	20.625	ng/ul	97
96) Benzo(g,h,i)perylene	28.850	276	2044621	20.424	ng/ul	96

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

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