Quantitation Report (Qedit)

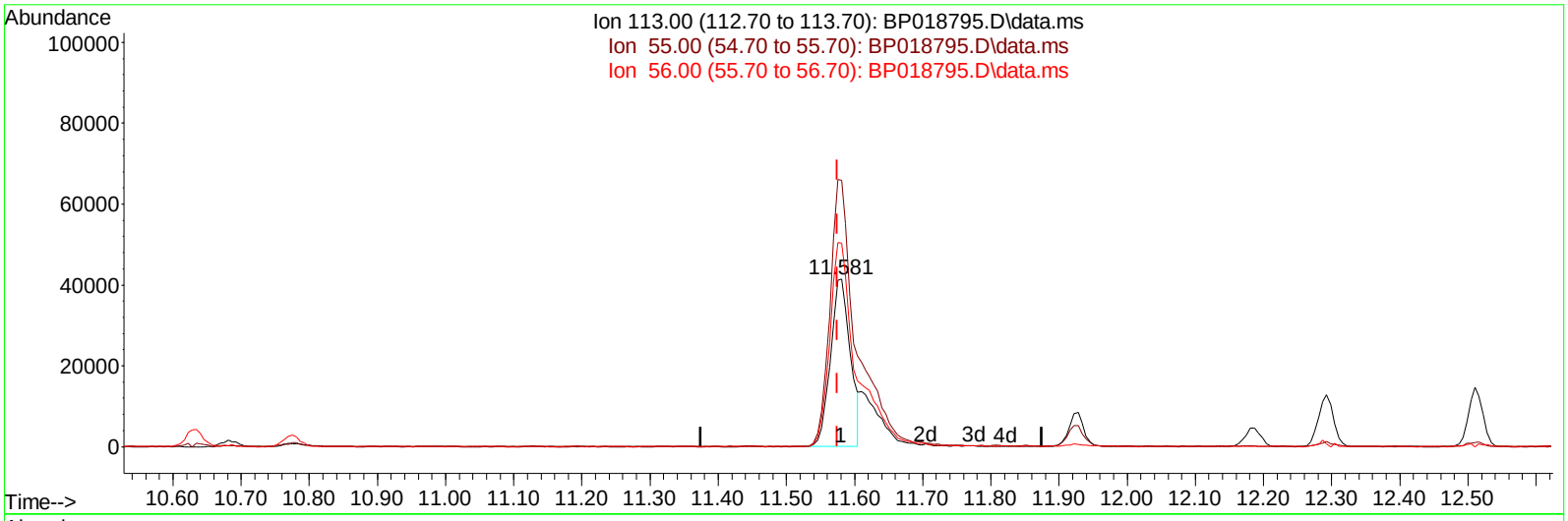
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018795.D
Acq On : 13 Dec 2023 07:34
Operator : MA/JU
Sample : PB157650BS
Misc :
ALS Vial : 75 Sample Multiplier: 1

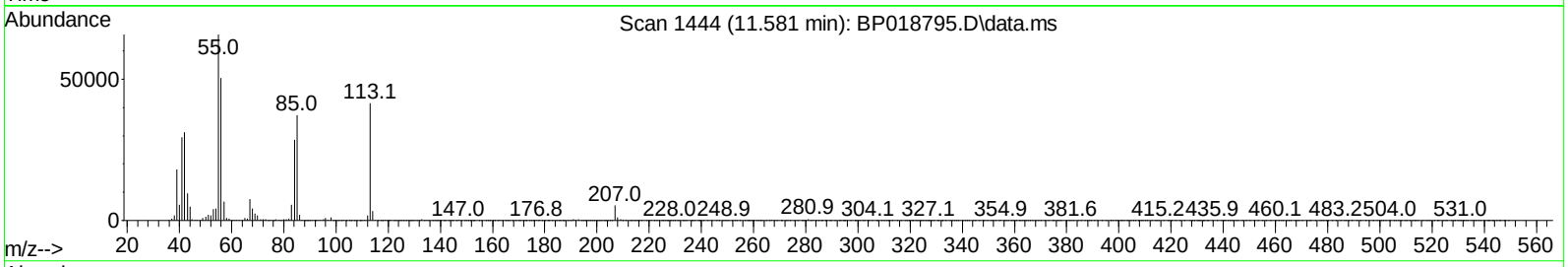
Quant Time: Dec 13 08:03:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 11 22:02:13 2023
Response via : Initial Calibration

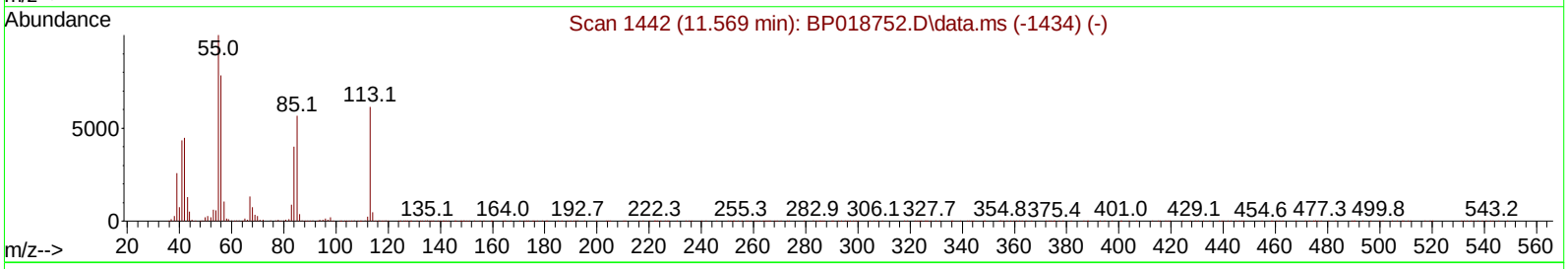
Instrument :
BNA_P
ClientSampleId :
SLCS650

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023







TIC: BP018795.D\data.ms

(34) Caprolactam

11.581min (+ 0.006) 22.55 ng/ul

response 84263

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	158.65
56.00	121.80	121.51
0.00	0.00	0.00

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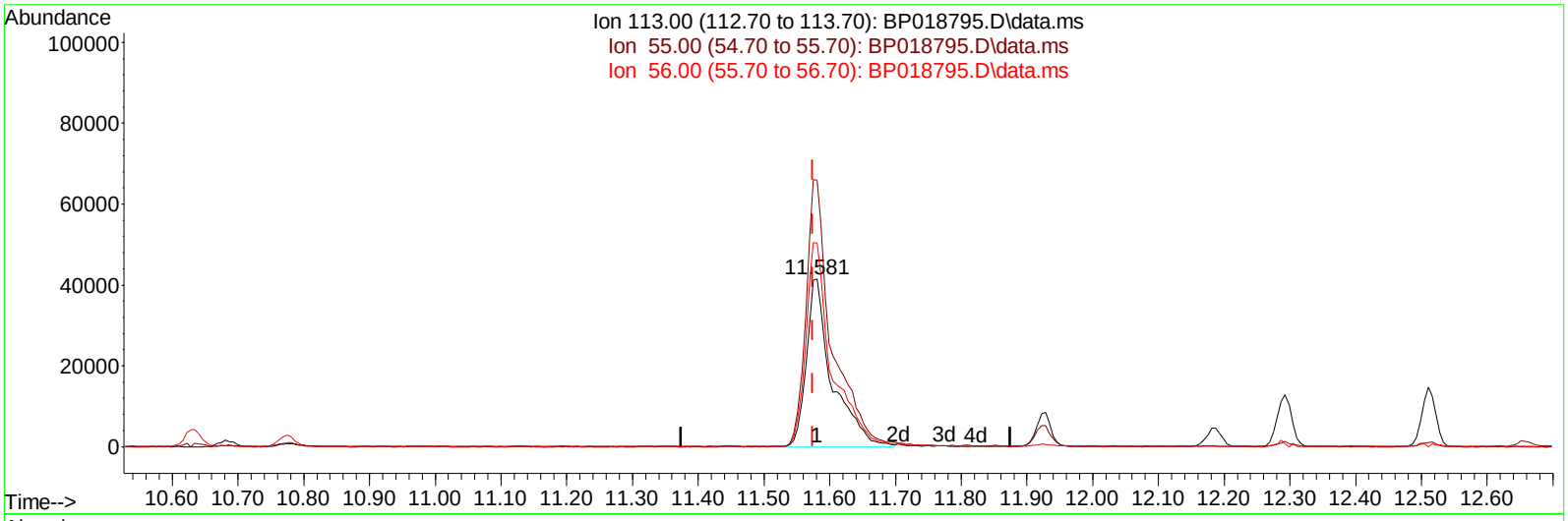

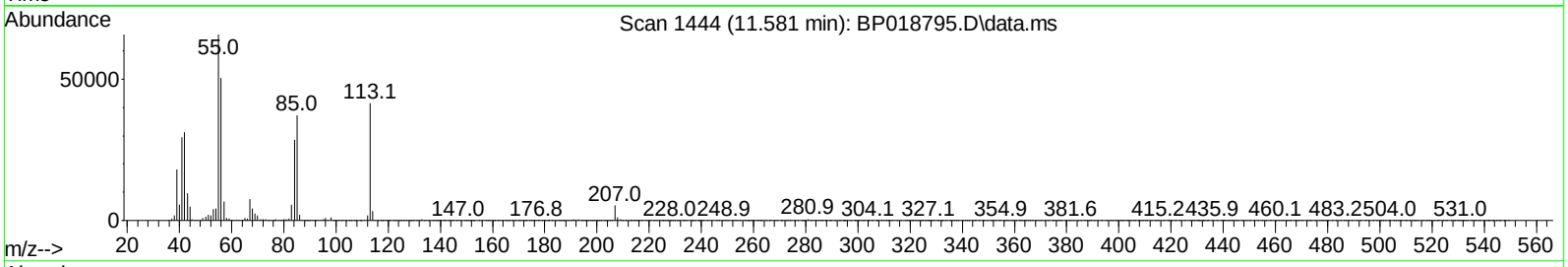

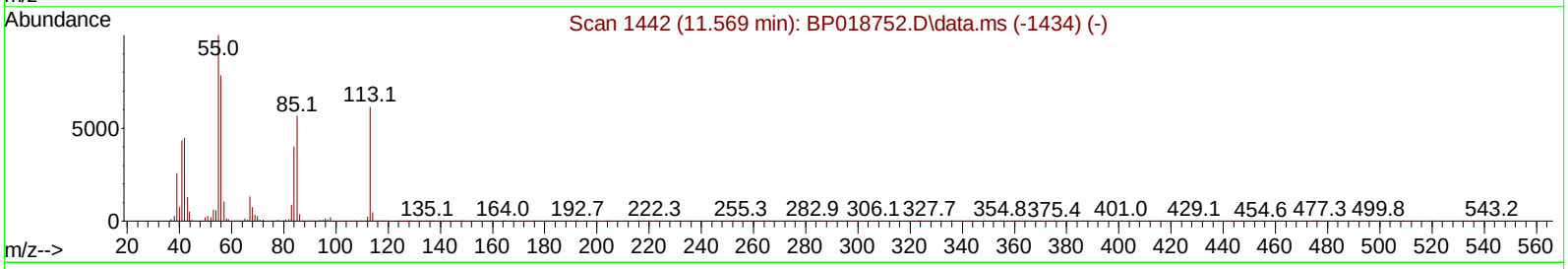

TIC: BP018795.D\data.ms

(34) Caprolactam

11.581min (+ 0.006) 30.14 ng/ul m

response 112616

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	158.65
56.00	121.80	121.51
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	7.840	152	175588	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	670405	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	447017	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1078746	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	1166822	20.000	ng/ul	# 0.00
88) Perylene-d12	23.663	264	1384865	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	26762	5.194	ng/uL	0.00
4) Pyridine-d5	3.681	84	353093	25.583	ng/ul	0.00
7) Phenol-d5	7.011	99	424263	24.077	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	246849	23.636	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	343095	24.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	335457	23.524	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	160834	26.955	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	177102	28.629	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	361405	28.571	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	416687	25.206	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1075297	26.952	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1166162	26.545	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	191986	29.316	ng/ul	0.00
60) Fluorene-d10	15.457	176	923752	27.584	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	181367	28.040	ng/ul	0.00
73) Anthracene-d10	17.316	188	1527277	26.931	ng/ul	0.00
81) Pyrene-d10	19.551	212	1970286	21.693	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	2228740	27.601	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	58174	10.295	ng/uL	98
5) Pyridine	3.699	79	373058	26.766	ng/ul	98
6) Benzaldehyde	6.981	77	221978	24.399	ng/ul	99
8) Phenol	7.034	94	449179	25.994	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.269	93	358494	25.261	ng/ul	100
12) 2-Chlorophenol	7.399	128	361484	25.977	ng/ul	98
13) 2-Methylphenol	8.287	108	334969	25.320	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.364	45	431839	23.982	ng/ul	97
16) Acetophenone	8.664	105	536938	25.265	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.652	70	258838	22.139	ng/ul	98
18) 4-Methylphenol	8.616	108	359858	24.911	ng/ul	100
19) Hexachloroethane	8.911	117	156906	27.504	ng/ul	89
22) Nitrobenzene	9.040	77	418033	28.815	ng/ul	98
23) Isophorone	9.569	82	748620	25.309	ng/ul	98
25) 2-Nitrophenol	9.752	139	199661	30.144	ng/ul#	94
26) 2,4-Dimethylphenol	9.816	107	368336	28.434	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.052	93	473169	25.338	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	364395	29.907	ng/ul	98
30) Naphthalene	10.681	128	1114160	27.396	ng/ul	99
32) 4-Chloroaniline	10.799	127	362473	23.005	ng/ul	99
33) Hexachlorobutadiene	10.969	225	286702	35.135	ng/ul	98
34) Caprolactam	11.581	113	112616m	30.143	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	386658	28.328	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.293	142	785922	27.278	ng/ul	100
37) 1-Methylnaphthalene	12.510	142	769313	26.440	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.657	216	519815	32.051	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	286692	29.823	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	321434	30.809	ng/ul	97
42) 2,4,5-Trichlorophenol	12.975	196	350470	30.985	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	1071681	27.720	ng/ul	97
44) 2-Chloronaphthalene	13.346	162	857743	28.091	ng/ul	100
45) 2-Nitroaniline	13.551	65	239914	28.983	ng/ul	97
47) Dimethylphthalate	13.934	163	1124291	28.628	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	231880	31.252	ng/ul	97
50) Acenaphthylene	14.187	152	1378028	27.899	ng/ul	100
51) 3-Nitroaniline	14.381	138	220174	29.726	ng/ul	99
52) Acenaphthene	14.534	153	913959	27.986	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	115699	29.422	ng/ul	97
55) 4-Nitrophenol	14.687	109	185012	37.393	ng/ul	82
56) Dibenzofuran	14.869	168	1306994	28.795	ng/ul	99
57) 2,4-Dinitrotoluene	14.834	165	343371	32.899	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.093	232	311260	32.806	ng/ul	95
59) Diethylphthalate	15.298	149	1132447	29.468	ng/ul	99
61) Fluorene	15.516	166	1067708	29.728	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	590117	31.328	ng/ul	99
63) 4-Nitroaniline	15.540	138	237793	33.700	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.598	198	206494	29.860	ng/ul#	91
67) N-Nitrosodiphenylamine	15.728	169	925227	25.883	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	405986	29.811	ng/ul	96
69) Hexachlorobenzene	16.516	284	493347	32.446	ng/ul	95
70) Atrazine	16.681	200	260702	24.531	ng/ul	98
71) Pentachlorophenol	16.863	266	297714	32.922	ng/ul	99
72) Phenanthrene	17.257	178	1837540	28.204	ng/ul	99
74) Anthracene	17.345	178	1856248	28.424	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	523534	28.068	ng/uL	99
76) Pentachlorobenzene	14.781	250	544769	29.733	ng/uL	98
77) Carbazole	17.622	167	1668934	32.065	ng/ul	99
78) Di-n-butylphthalate	18.181	149	2006133	28.946	ng/ul	99
80) Fluoranthene	19.228	202	2409442	22.442	ng/ul#	93
82) Pyrene	19.581	202	2463794	22.748	ng/ul#	91
83) Butylbenzylphthalate	20.457	149	965611	24.353	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.228	252	885823	31.241	ng/ul	98
85) Benzo(a)anthracene	21.286	228	2714706	28.664	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1408145	25.838	ng/ul#	100
87) Chrysene	21.339	228	2498112	28.643	ng/ul	100
89) Di-n-octyl phthalate	22.128	149	2530323	25.025	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2867038	28.079	ng/ul	98
91) Benzo(k)fluoranthene	22.992	252	2817785	28.521	ng/ul#	98
93) Benzo(a)pyrene	23.563	252	2690635	28.839	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.121	276	3424009	30.716	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.139	278	2835027	30.573	ng/ul#	96
96) Benzo(g,h,i)perylene	26.874	276	2745196	30.601	ng/ul#	93

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

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