Quantitation Report (Qedit)

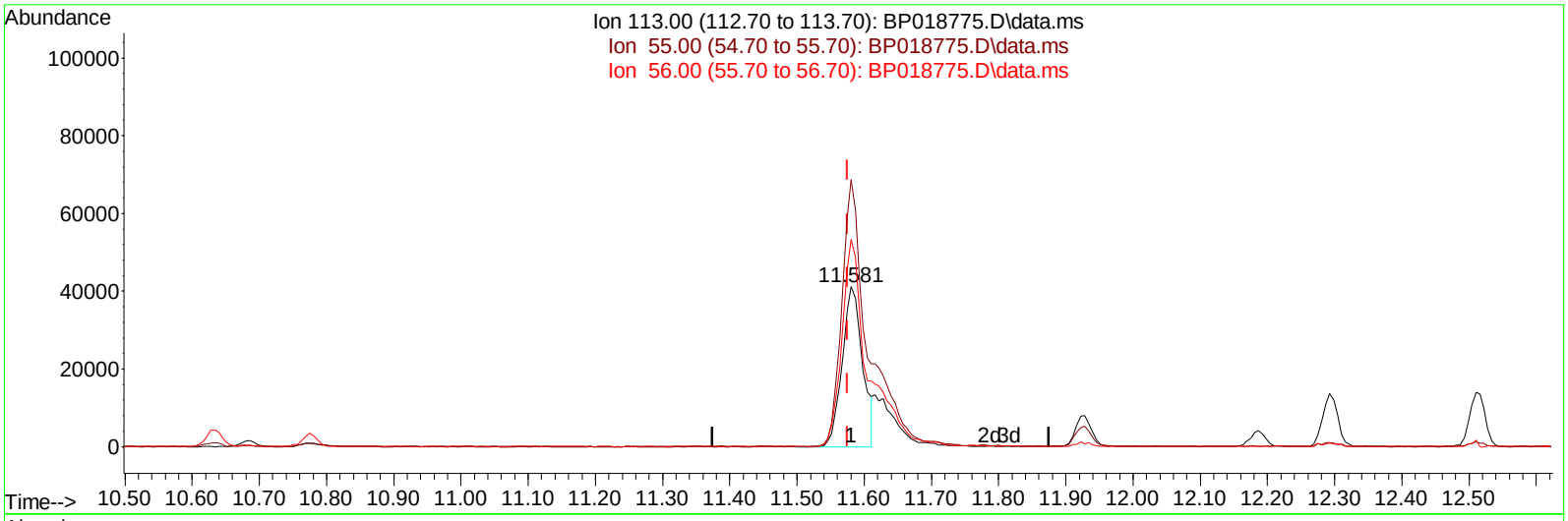
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018775.D
Acq On : 12 Dec 2023 19:43
Operator : MA/JU
Sample : PB157629BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

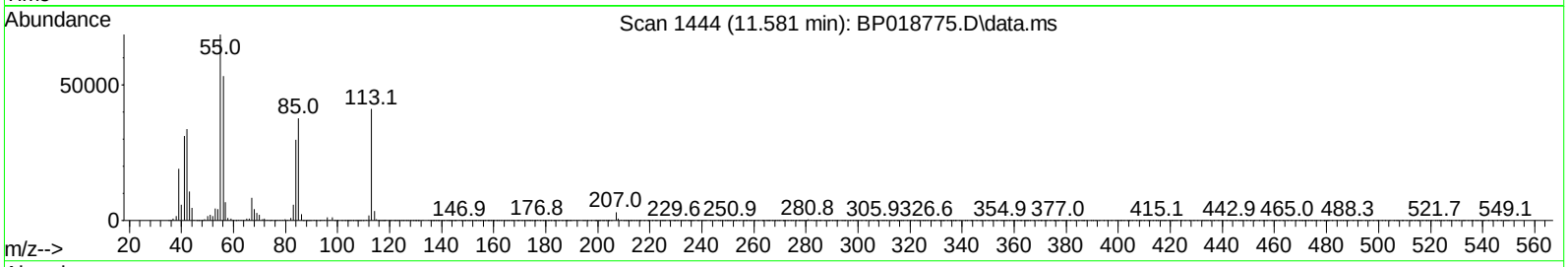
Quant Time: Dec 12 21:41:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 11 22:02:13 2023
Response via : Initial Calibration

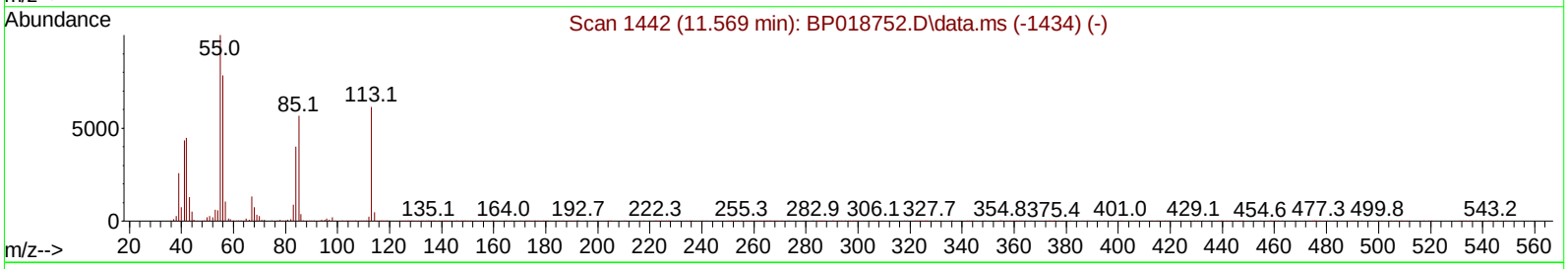
Instrument :
BNA_P
ClientSampleId :
SLCS629

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :mohammad ahmed 12/14/2023







TIC: BP018775.D\data.ms

(34) Caprolactam

11.581min (+ 0.006) 23.27 ng/ul

response 86492

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	166.95
56.00	121.80	129.51
0.00	0.00	0.00

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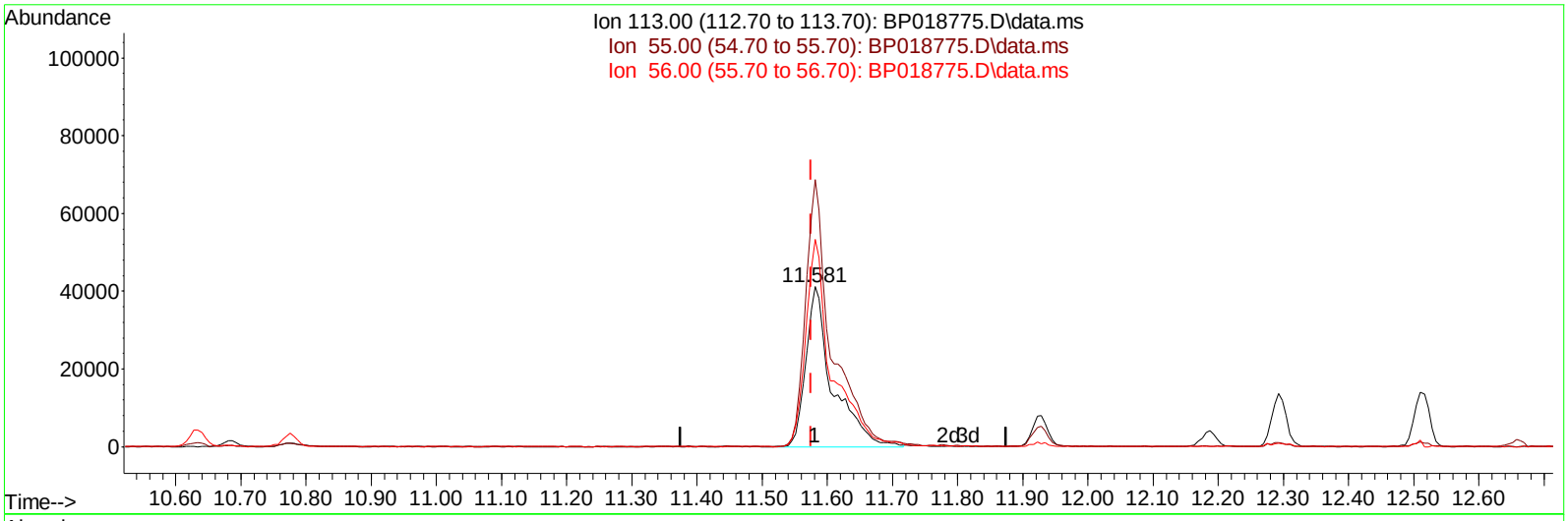

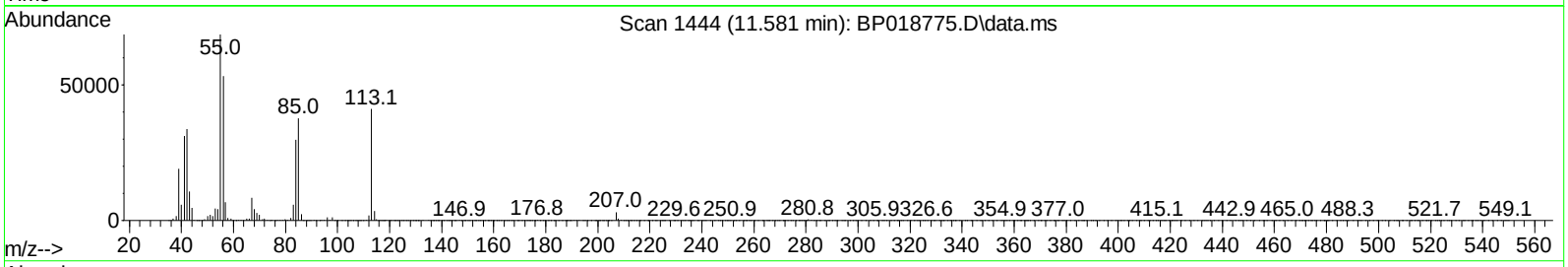

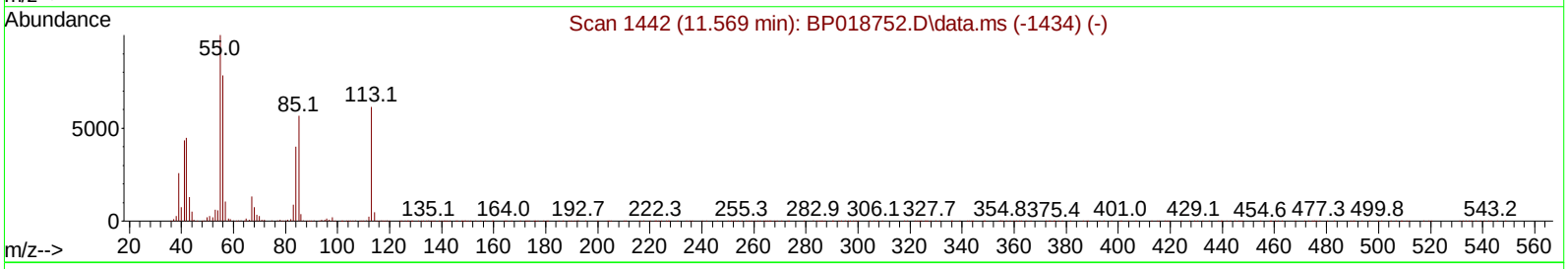

TIC: BP018775.D\data.ms

(34) Caprolactam

11.581min (+ 0.006) 31.31 ng/ul m

response 116372

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	166.95
56.00	121.80	129.51
0.00	0.00	0.00

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Misc :
ALS Vial : 54 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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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	7.840	152	173866	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	666849	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	445427	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1064450	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	1157970	20.000	ng/ul	# 0.00
88) Perylene-d12	23.668	264	1334275	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	27757	5.440	ng/uL	0.00
4) Pyridine-d5	3.681	84	355343	26.001	ng/ul	0.00
7) Phenol-d5	7.011	99	430955	24.699	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	255366	24.694	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	344443	25.299	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	340033	24.081	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	163575	27.560	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	184817	30.035	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	372354	29.593	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	429561	26.123	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1125755	28.318	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1217311	27.808	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	198477	30.415	ng/ul	0.00
60) Fluorene-d10	15.463	176	962567	28.845	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	189104	29.629	ng/ul	0.00
73) Anthracene-d10	17.316	188	1556110	27.808	ng/ul	0.00
81) Pyrene-d10	19.551	212	2031241	22.535	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	2282871	29.344	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	59615	10.655	ng/uL	97
5) Pyridine	3.699	79	375529	27.210	ng/ul	97
6) Benzaldehyde	6.981	77	229921	25.523	ng/ul	99
8) Phenol	7.040	94	459708	26.867	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.269	93	365377	26.001	ng/ul	99
12) 2-Chlorophenol	7.399	128	363176	26.357	ng/ul	97
13) 2-Methylphenol	8.287	108	339240	25.897	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.369	45	449466	25.208	ng/ul	98
16) Acetophenone	8.663	105	557604	26.497	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.658	70	271541	23.456	ng/ul	97
18) 4-Methylphenol	8.616	108	365996	25.587	ng/ul	99
19) Hexachloroethane	8.916	117	160738	28.455	ng/ul	85
22) Nitrobenzene	9.040	77	430598	29.840	ng/ul	98
23) Isophorone	9.569	82	788941	26.815	ng/ul	98
25) 2-Nitrophenol	9.752	139	206851	31.396	ng/ul#	92
26) 2,4-Dimethylphenol	9.816	107	316810	24.587	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.057	93	492876	26.534	ng/ul	100
29) 2,4-Dichlorophenol	10.287	162	375526	30.985	ng/ul	98
30) Naphthalene	10.681	128	1139927	28.179	ng/ul	100
32) 4-Chloroaniline	10.799	127	368766	23.530	ng/ul	99
33) Hexachlorobutadiene	10.969	225	301153	37.103	ng/ul	99
34) Caprolactam	11.581	113	116372m	31.315	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	402014	29.610	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.293	142	812635	28.355	ng/ul	98
37) 1-Methylnaphthalene	12.510	142	797418	27.552	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.663	216	542484	33.568	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	264908	27.655	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	329855	31.729	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	360739	32.007	ng/ul	100
43) 1,1'-Biphenyl	13.304	154	1104907	28.682	ng/ul	99
44) 2-Chloronaphthalene	13.345	162	892918	29.347	ng/ul	99
45) 2-Nitroaniline	13.557	65	254327	30.834	ng/ul	98
47) Dimethylphthalate	13.934	163	1182934	30.229	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	246942	33.400	ng/ul	99
50) Acenaphthylene	14.193	152	1421372	28.880	ng/ul	100
51) 3-Nitroaniline	14.381	138	228376	30.944	ng/ul	99
52) Acenaphthene	14.534	153	955994	29.377	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	125920	32.135	ng/ul	93
55) 4-Nitrophenol	14.692	109	198540	40.271	ng/ul#	77
56) Dibenzofuran	14.869	168	1373114	30.360	ng/ul	98
57) 2,4-Dinitrotoluene	14.840	165	361854	34.794	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	322784	34.143	ng/ul	95
59) Diethylphthalate	15.298	149	1194091	31.183	ng/ul	99
61) Fluorene	15.516	166	1104931	30.874	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	618552	32.955	ng/ul	96
63) 4-Nitroaniline	15.545	138	247679	35.227	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.598	198	218760	32.059	ng/ul#	93
67) N-Nitrosodiphenylamine	15.728	169	966666	27.406	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	427619	31.821	ng/ul	96
69) Hexachlorobenzene	16.516	284	514349	34.282	ng/ul	97
70) Atrazine	16.686	200	253876	24.209	ng/ul	99
71) Pentachlorophenol	16.863	266	302599	33.911	ng/ul	100
72) Phenanthrene	17.257	178	1898511	29.531	ng/ul	100
74) Anthracene	17.351	178	1892884	29.374	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	543284	29.518	ng/uL	99
76) Pentachlorobenzene	14.787	250	569904	31.522	ng/uL	99
77) Carbazole	17.622	167	1711356	33.322	ng/ul	99
78) Di-n-butylphthalate	18.181	149	2122973	31.044	ng/ul	100
80) Fluoranthene	19.228	202	2483517	23.309	ng/ul#	92
82) Pyrene	19.580	202	2539017	23.622	ng/ul#	91
83) Butylbenzylphthalate	20.457	149	1015824	25.815	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	866705	30.800	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2795224	29.739	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1479726	27.359	ng/ul	99
87) Chrysene	21.339	228	2587521	29.895	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	2628106	26.977	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2910977	29.590	ng/ul#	97
91) Benzo(k)fluoranthene	22.998	252	2935398	30.839	ng/ul#	97
93) Benzo(a)pyrene	23.563	252	2751323	30.608	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.127	276	3510407	32.685	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.145	278	2911232	32.585	ng/ul#	95
96) Benzo(g,h,i)perylene	26.880	276	2791227	32.294	ng/ul#	93

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

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