Quantitation Report (Qedit)

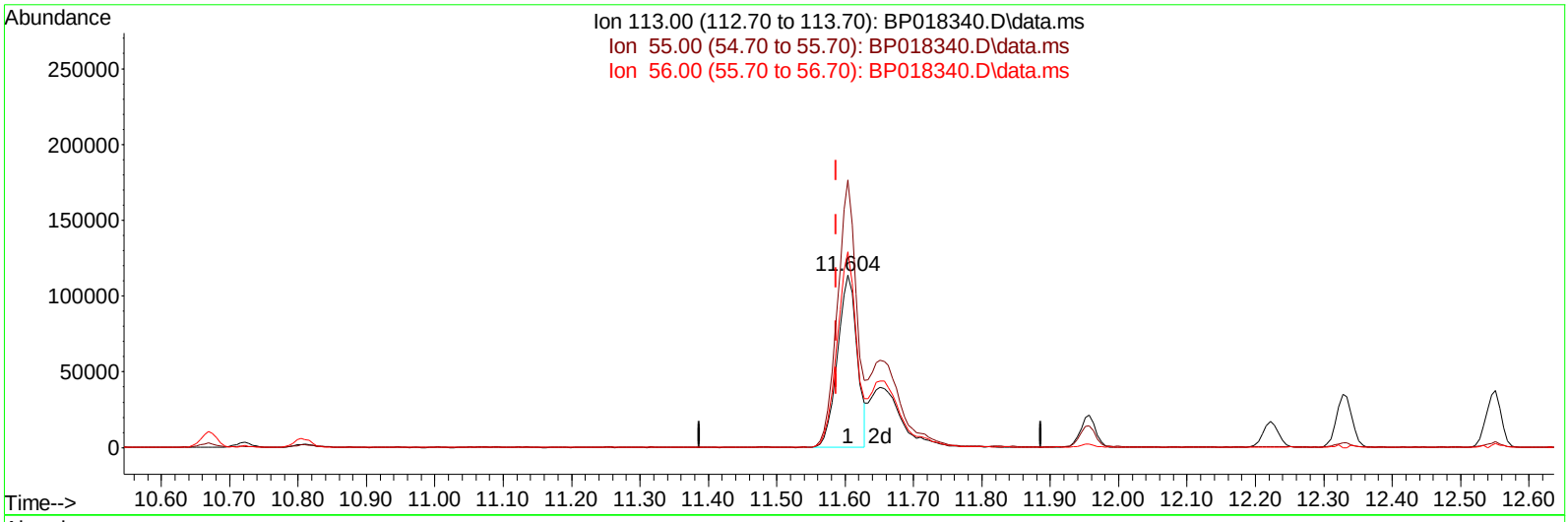
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018340.D
Acq On : 24 Nov 2023 22:24
Operator : MA/JU
Sample : PB157095BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

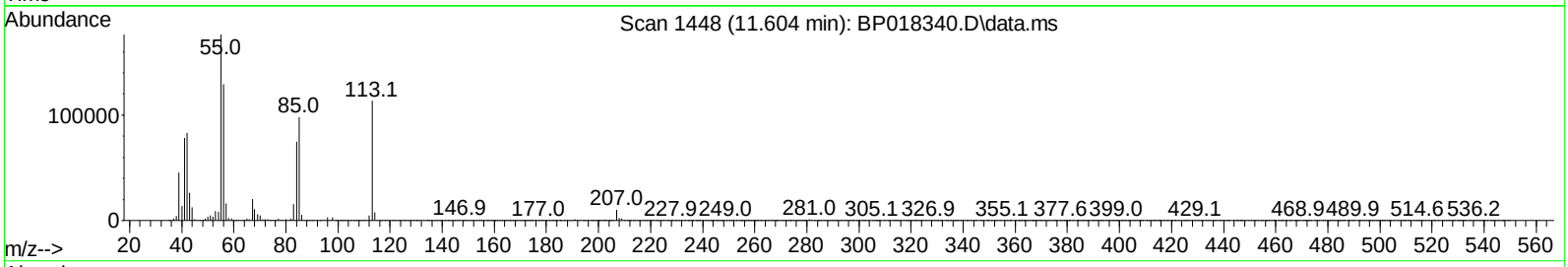
Quant Time: Nov 24 23:44:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

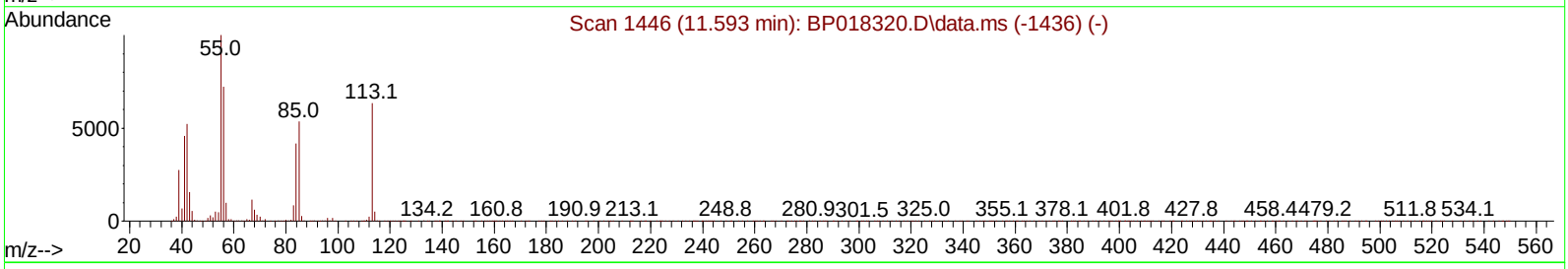
Instrument :
BNA_P
ClientSampleId :
SLCS095

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023







TIC: BP018340.D\data.ms

(34) Caprolactam

11.604min (+ 0.018) 25.08 ng/ul

response 227256

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.20	155.29
56.00	118.50	113.87
0.00	0.00	0.00

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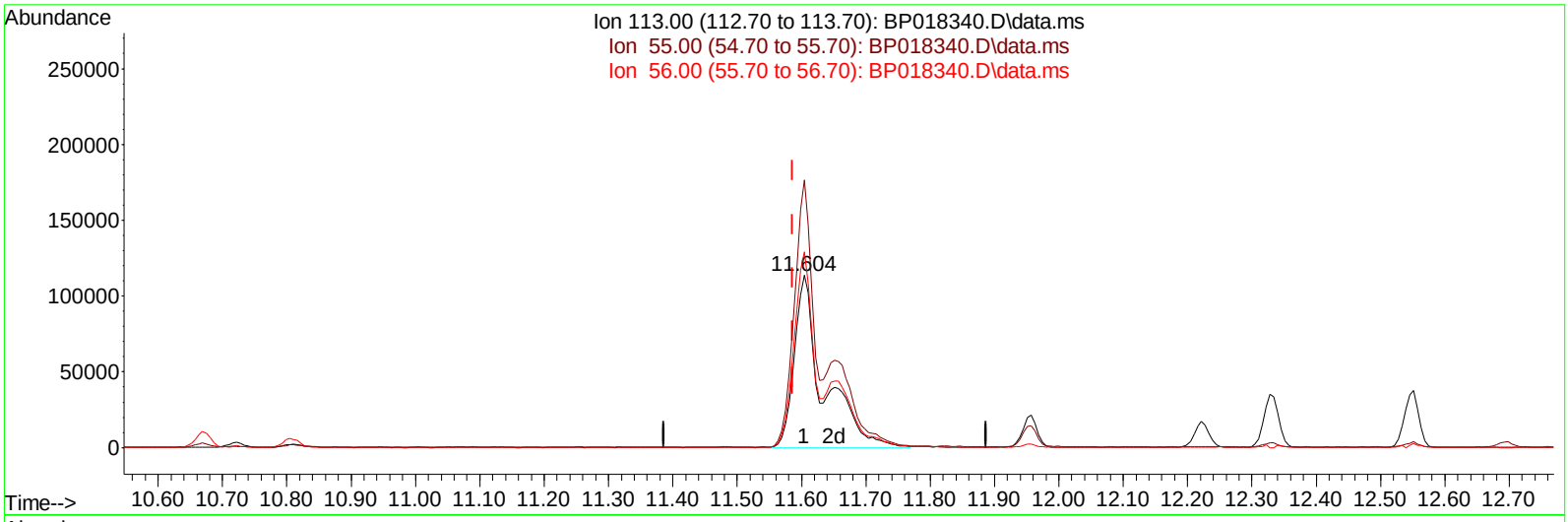

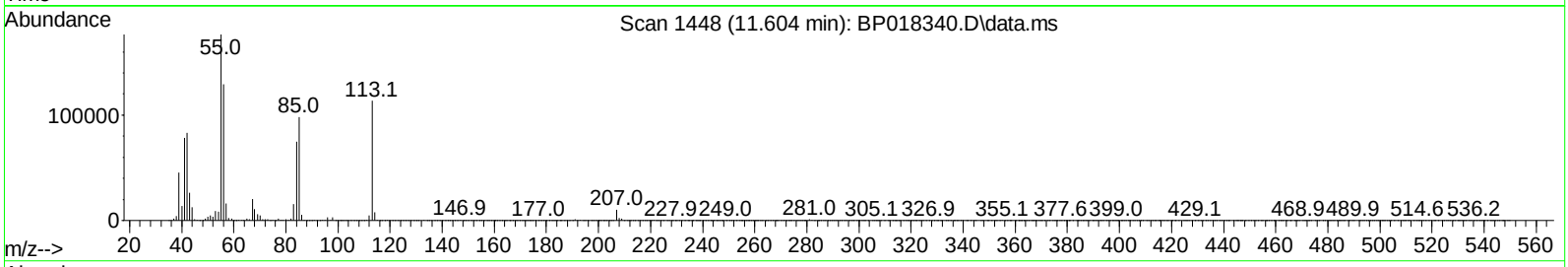

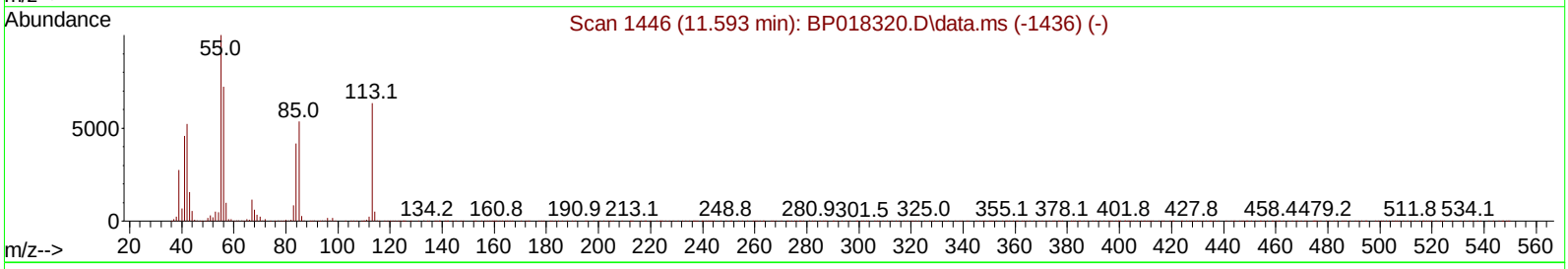

TIC: BP018340.D\data.ms

(34) Caprolactam

11.604min (+ 0.018) 39.44 ng/ul m

response 357283

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.20	155.29
56.00	118.50	113.87
0.00	0.00	0.00

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	429408	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1813514	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	1137294	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	2333266	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1559521	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1439712	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	71494	6.236	ng/uL	0.00
4) Pyridine-d5	3.687	84	868987	27.581	ng/ul	0.00
7) Phenol-d5	7.034	99	1347925	34.348	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	758297	32.313	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	1106849	33.592	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	1102270	34.805	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	534247	36.269	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	551531	40.543	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	1162495	35.420	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	1123949	25.391	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	3454085	34.132	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	3840315	33.305	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	524273	37.528	ng/ul	0.01
60) Fluorene-d10	15.498	176	2858611	33.773	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	413659	41.647	ng/ul	0.00
73) Anthracene-d10	17.351	188	4125699	33.082	ng/ul	0.00
81) Pyrene-d10	19.592	212	4430322	35.694	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	3011301	36.077	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	144037	11.716	ng/uL#	91
5) Pyridine	3.705	79	955016	30.083	ng/ul	99
6) Benzaldehyde	7.004	77	562579	27.090	ng/ul	97
8) Phenol	7.057	94	1330869	34.572	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.299	93	1079420	33.663	ng/ul	98
12) 2-Chlorophenol	7.434	128	1097398	33.198	ng/ul	96
13) 2-Methylphenol	8.316	108	1033054	34.454	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.398	45	1385543	30.398	ng/ul	97
16) Acetophenone	8.698	105	1627800	33.590	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.693	70	774717	28.618	ng/ul	95
18) 4-Methylphenol	8.646	108	1116776	34.879	ng/ul	99
19) Hexachloroethane	8.951	117	447286	32.401	ng/ul	95
22) Nitrobenzene	9.075	77	1150722	33.346	ng/ul	96
23) Isophorone	9.604	82	2338019	30.398	ng/ul	98
25) 2-Nitrophenol	9.787	139	598991	39.135	ng/ul	94
26) 2,4-Dimethylphenol	9.845	107	956143	27.824	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.092	93	1492172	32.123	ng/ul	100
29) 2,4-Dichlorophenol	10.316	162	1101702	35.044	ng/ul	98
30) Naphthalene	10.722	128	3587440	32.707	ng/ul	100
32) 4-Chloroaniline	10.834	127	1198949	28.703	ng/ul	98
33) Hexachlorobutadiene	11.010	225	755336	35.227	ng/ul	99
34) Caprolactam	11.604	113	357283m	39.437	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	1116192	33.207	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	2516560	32.419	ng/ul	99
37) 1-Methylnaphthalene	12.551	142	2468554	31.592	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	1430685	35.618	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	674057	29.630	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	872430	36.167	ng/ul	97
42) 2,4,5-Trichlorophenol	13.004	196	954946	36.610	ng/ul	100
43) 1,1'-Biphenyl	13.345	154	3322600	33.531	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	2639352	33.653	ng/ul	99
45) 2-Nitroaniline	13.586	65	616132	36.511	ng/ul	88
47) Dimethylphthalate	13.969	163	3354925	33.883	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	662188	39.667	ng/ul	92
50) Acenaphthylene	14.222	152	4222730	32.854	ng/ul	99
51) 3-Nitroaniline	14.410	138	598720	36.097	ng/ul#	93
52) Acenaphthene	14.569	153	2777025	33.074	ng/ul	100
53) 2,4-Dinitrophenol	14.610	184	244244	41.937	ng/ul	99
55) 4-Nitrophenol	14.710	109	376126	36.341	ng/ul	95
56) Dibenzofuran	14.904	168	3826468	33.335	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	915563	40.585	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.122	232	737671	36.010	ng/ul	98
59) Diethylphthalate	15.333	149	3301935	33.197	ng/ul	100
61) Fluorene	15.551	166	3043888	32.517	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.551	204	1624213	34.169	ng/ul	97
63) 4-Nitroaniline	15.575	138	596243	38.090	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.627	198	454053	41.218	ng/ul	97
67) N-Nitrosodiphenylamine	15.763	169	2646533	33.448	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	1010873	34.315	ng/ul	97
69) Hexachlorobenzene	16.551	284	1198804	36.401	ng/ul	93
70) Atrazine	16.716	200	474968	19.663	ng/ul	99
71) Pentachlorophenol	16.892	266	606466	35.839	ng/ul	98
72) Phenanthrene	17.292	178	4793194	33.773	ng/ul	99
74) Anthracene	17.386	178	4679991	32.669	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	1450450	36.165	ng/uL	99
76) Pentachlorobenzene	14.816	250	1414033	36.296	ng/uL	98
77) Carbazole	17.657	167	4146478	35.727	ng/ul	99
78) Di-n-butylphthalate	18.221	149	5418060	33.562	ng/ul	100
80) Fluoranthene	19.263	202	5234133	35.300	ng/ul	100
82) Pyrene	19.621	202	5226898	35.007	ng/ul	97
83) Butylbenzylphthalate	20.510	149	1985455	35.932	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	1192447	31.614	ng/ul	99
85) Benzo(a)anthracene	21.339	228	4373734	34.412	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	2792418	33.684	ng/ul	98
87) Chrysene	21.392	228	3996849	34.558	ng/ul	100
89) Di-n-octyl phthalate	22.251	149	3929472	37.073	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	3709609	35.474	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	3639695	34.963	ng/ul	99
93) Benzo(a)pyrene	23.680	252	3431001	35.676	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.356	276	4359265	39.202	ng/ul	98
95) Dibenzo(a,h)anthracene	26.398	278	3603360	39.582	ng/ul	98
96) Benzo(g,h,i)perylene	27.145	276	3595602	39.926	ng/ul	98

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

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