Quantitation Report (Qedit)

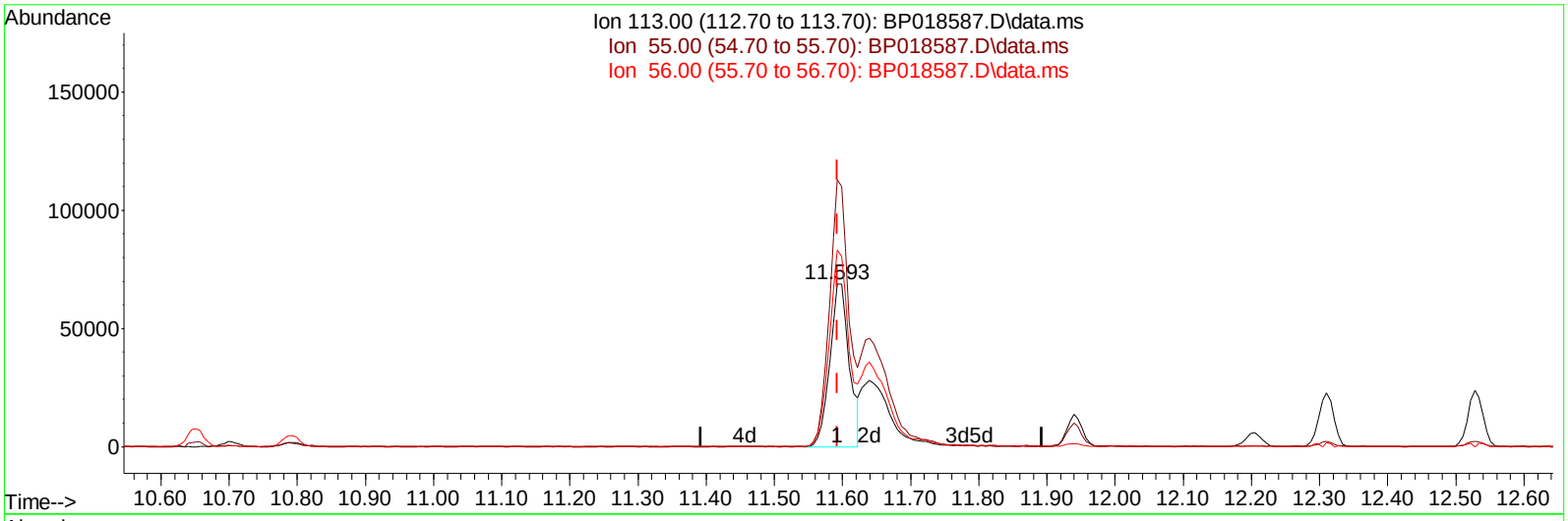
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018587.D
Acq On : 05 Dec 2023 04:29
Operator : MA/JU
Sample : PB157547BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

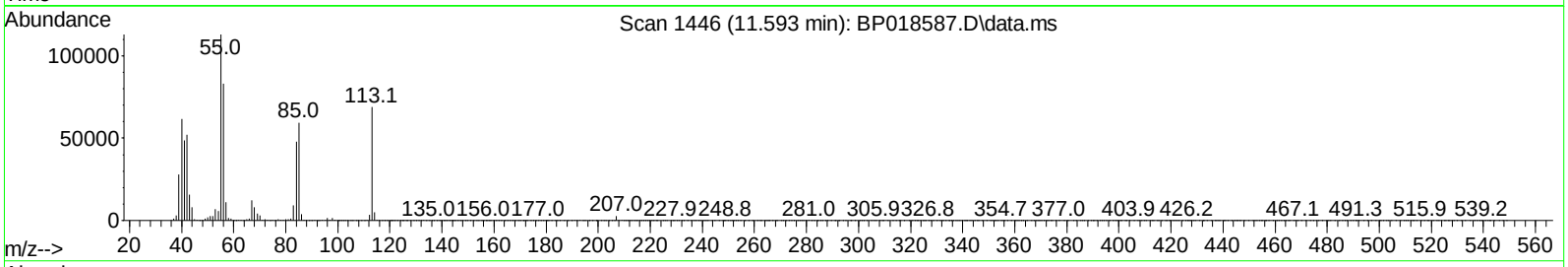
Quant Time: Dec 05 05:00:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

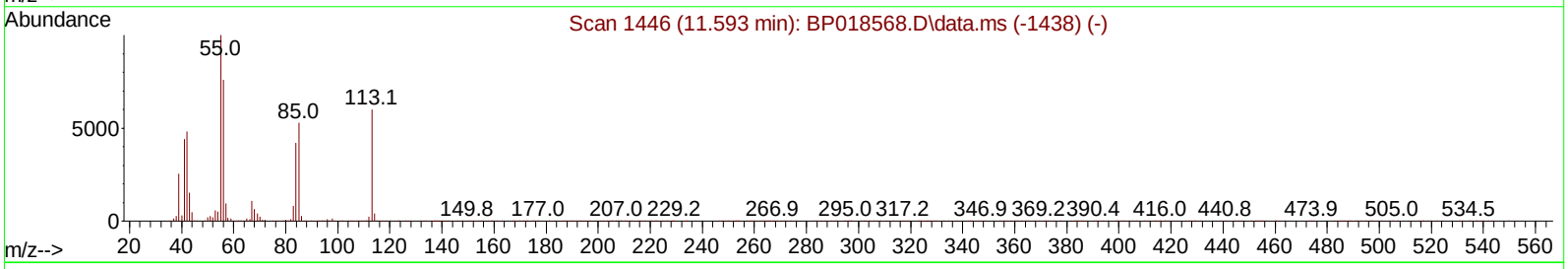
Instrument :
BNA_P
ClientSampleId :
SLCS547

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/08/2023







TIC: BP018587.D\data.ms

(34) Caprolactam

11.593min (-0.000) 20.72 ng/ul

response 137270

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	163.95
56.00	121.80	120.76
0.00	0.00	0.00

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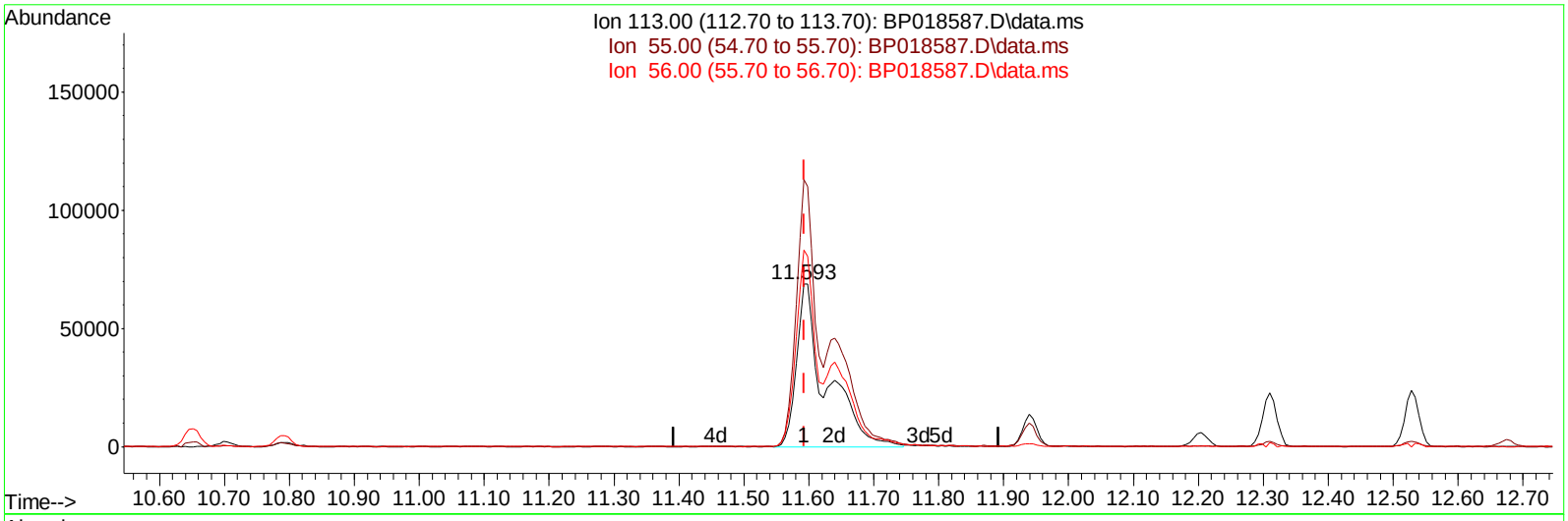

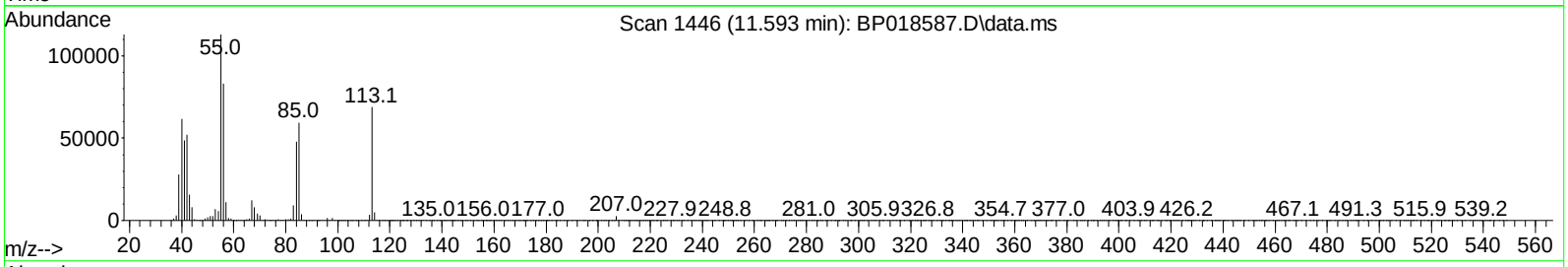

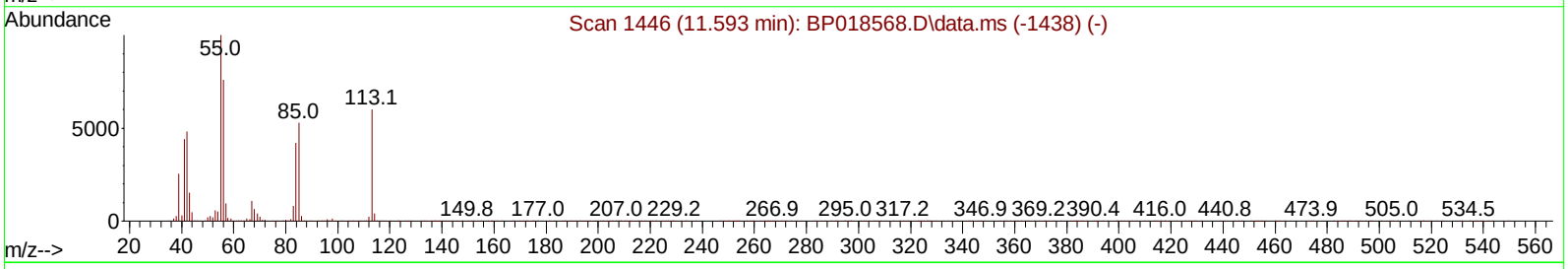

TIC: BP018587.D\data.ms

(34) Caprolactam

11.593min (-0.000) 33.08 ng/ul m

response 219183

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	163.95
56.00	121.80	120.76
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB157547BS
Misc :
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Quant Time: Dec 05 05:01:08 2023
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	333523	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1189072	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	838785	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1959304	20.000	ng/ul	0.00
79) Chrysene-d12	21.321	240	2002548	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	1958963	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	52164	5.330	ng/uL	0.00
4) Pyridine-d5	3.687	84	746730	28.484	ng/ul	0.00
7) Phenol-d5	7.022	99	995490	29.743	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	589015	29.692	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	725435	27.777	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	753271	27.809	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	364718	34.462	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	377191	34.377	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	653034	29.107	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	799790	27.277	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	2109951	28.184	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	2313729	28.068	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	387978	31.573	ng/ul	0.00
60) Fluorene-d10	15.475	176	1826656	29.069	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	324773	27.645	ng/ul	0.00
73) Anthracene-d10	17.328	188	2739732	26.598	ng/ul	0.00
81) Pyrene-d10	19.563	212	3916002	25.122	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	3232753	28.302	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	105332	9.814	ng/uL	99
5) Pyridine	3.705	79	765886	28.930	ng/ul	99
6) Benzaldehyde	6.993	77	500405	28.957	ng/ul	98
8) Phenol	7.052	94	991065	30.194	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.281	93	792741	29.408	ng/ul	98
12) 2-Chlorophenol	7.416	128	728326	27.555	ng/ul	98
13) 2-Methylphenol	8.299	108	705639	28.081	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	1013315	29.626	ng/ul	99
16) Acetophenone	8.681	105	1223349	30.305	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	607975	27.377	ng/ul	98
18) 4-Methylphenol	8.634	108	790441	28.807	ng/ul	97
19) Hexachloroethane	8.934	117	293214	27.059	ng/ul	97
22) Nitrobenzene	9.057	77	913447	35.500	ng/ul	100
23) Isophorone	9.587	82	1784450	34.013	ng/ul	100
25) 2-Nitrophenol	9.769	139	416988	35.494	ng/ul	99
26) 2,4-Dimethylphenol	9.834	107	404270	17.595	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.069	93	987436	29.813	ng/ul	100
29) 2,4-Dichlorophenol	10.299	162	619968	28.688	ng/ul	97
30) Naphthalene	10.704	128	1988479	27.567	ng/ul	99
32) 4-Chloroaniline	10.816	127	705404	25.242	ng/ul	98
33) Hexachlorobutadiene	10.987	225	418906	28.944	ng/ul	99
34) Caprolactam	11.593	113	219183m	33.077	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	702092	29.001	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	1435421	28.089	ng/ul	99
37) 1-Methylnaphthalene	12.528	142	1423774	27.589	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	837328	27.514	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	339997	18.849	ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	509248	26.013	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	581842	27.414	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	1961941	27.045	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	1565994	27.332	ng/ul	99
45) 2-Nitroaniline	13.569	65	453361	29.188	ng/ul	99
47) Dimethylphthalate	13.951	163	2081529	28.247	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	422566	30.351	ng/ul	95
50) Acenaphthylene	14.204	152	2580846	27.846	ng/ul	100
51) 3-Nitroaniline	14.392	138	417219	30.020	ng/ul	98
52) Acenaphthene	14.551	153	1716322	28.008	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	201001	27.240	ng/ul	96
55) 4-Nitrophenol	14.704	109	302826	32.618	ng/ul	94
56) Dibenzofuran	14.881	168	2425663	28.480	ng/ul	100
57) 2,4-Dinitrotoluene	14.851	165	618893	31.602	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.110	232	466685	26.214	ng/ul	97
59) Diethylphthalate	15.316	149	2071570	28.728	ng/ul	99
61) Fluorene	15.534	166	1951823	28.962	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	1020250	28.865	ng/ul	99
63) 4-Nitroaniline	15.557	138	425701	32.152	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.610	198	355022	28.265	ng/ul	97
67) N-Nitrosodiphenylamine	15.745	169	1698535	26.161	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	657252	26.571	ng/ul	97
69) Hexachlorobenzene	16.533	284	778317	28.183	ng/ul	99
70) Atrazine	16.698	200	230593	11.946	ng/ul	99
71) Pentachlorophenol	16.881	266	396874	24.163	ng/ul	99
72) Phenanthrene	17.275	178	3341808	28.241	ng/ul	100
74) Anthracene	17.363	178	3183517	26.839	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	863373	25.485	ng/uL	99
76) Pentachlorobenzene	14.798	250	882751	26.526	ng/uL	99
77) Carbazole	17.639	167	2992620	31.656	ng/ul	99
78) Di-n-butylphthalate	18.192	149	3729472	29.628	ng/ul	100
80) Fluoranthene	19.239	202	4569253	24.798	ng/ul	100
82) Pyrene	19.592	202	4682091	25.188	ng/ul	99
83) Butylbenzylphthalate	20.474	149	1830614	26.901	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1252942	25.747	ng/ul	99
85) Benzo(a)anthracene	21.304	228	4546976	27.974	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	2616093	27.970	ng/ul	99
87) Chrysene	21.357	228	4220945	28.199	ng/ul	99
89) Di-n-octyl phthalate	22.151	149	4493163	31.414	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	4072588	28.197	ng/ul	99
91) Benzo(k)fluoranthene	23.015	252	4202377	30.070	ng/ul	99
93) Benzo(a)pyrene	23.586	252	3749372	28.410	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.162	276	4184755	26.539	ng/ul	100
95) Dibenzo(a,h)anthracene	26.174	278	3536975	26.964	ng/ul	99
96) Benzo(g,h,i)perylene	26.909	276	3329576	26.238	ng/ul	98

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

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