Quantitation Report (Qedit)

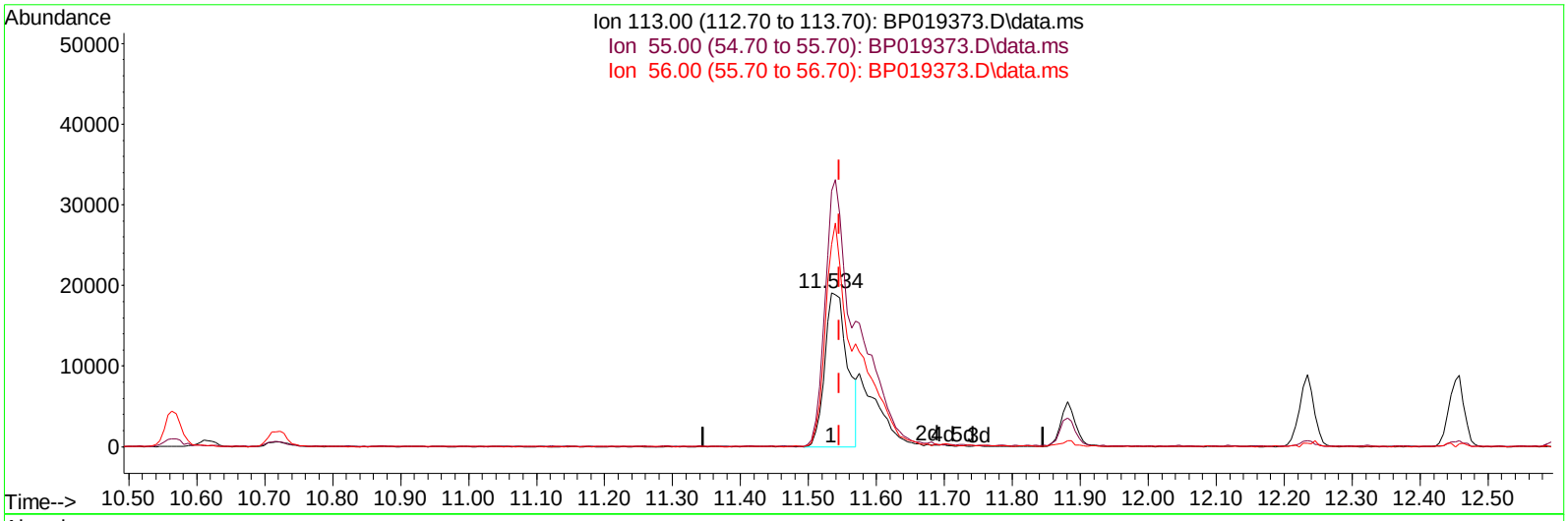
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011524\
Data File : BP019373.D
Acq On : 15 Jan 2024 16:00
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

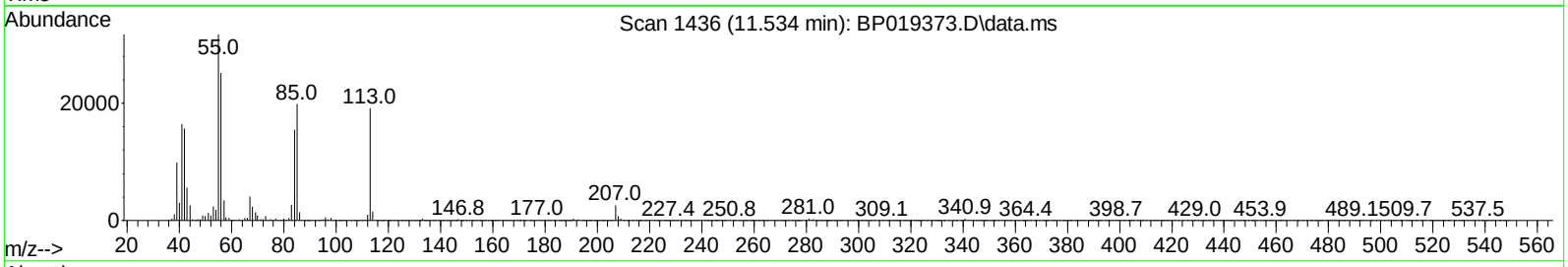
Quant Time: Jan 15 16:49:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 03:05:24 2024
Response via : Initial Calibration

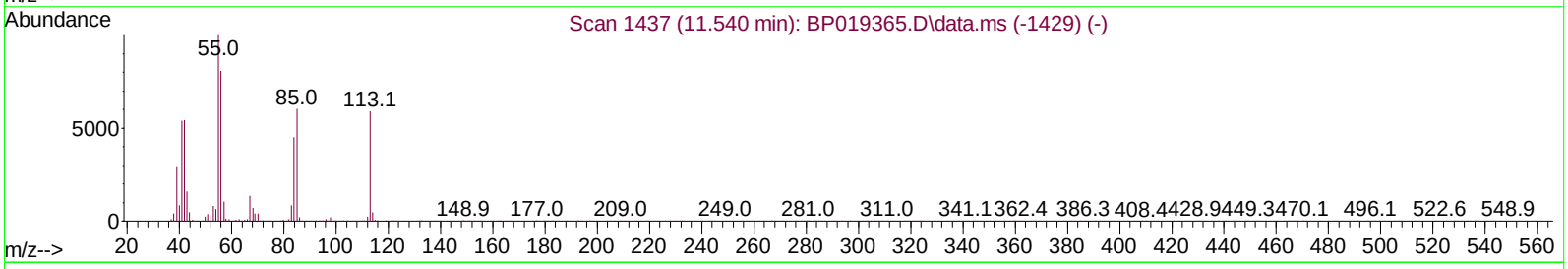
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024







TIC: BP019373.D\data.ms

(34) Caprolactam

11.534min (-0.012) 12.93 ng/ul

response 44643

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.60	166.08
56.00	135.00	131.53
0.00	0.00	0.00

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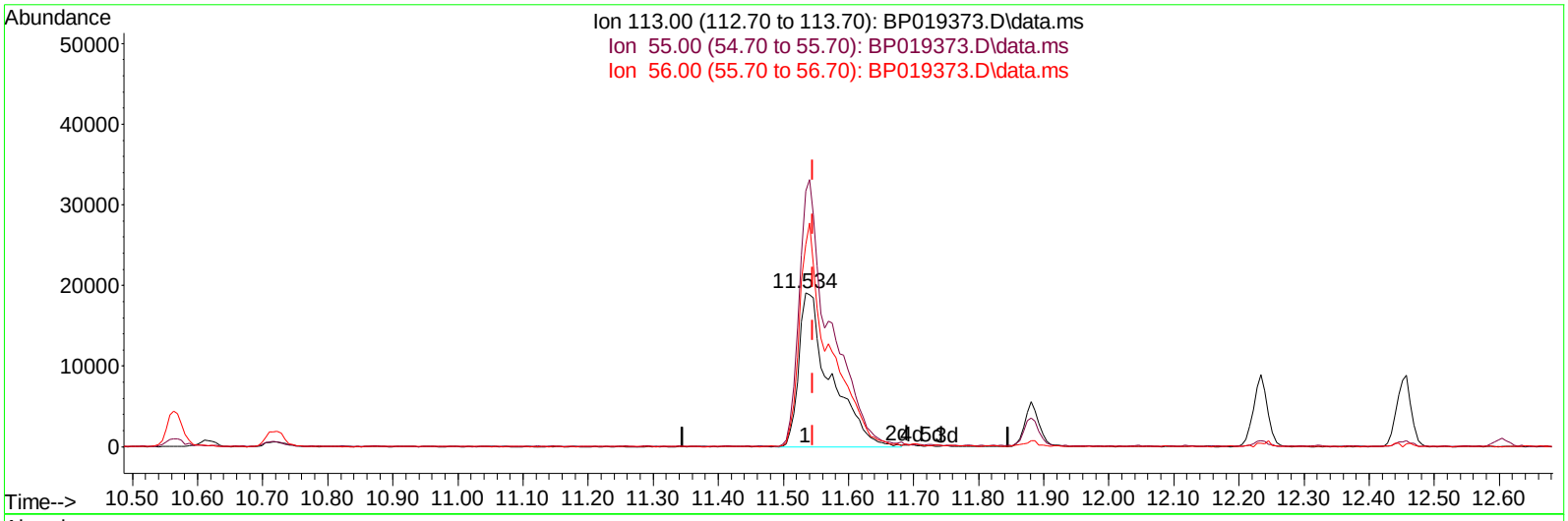

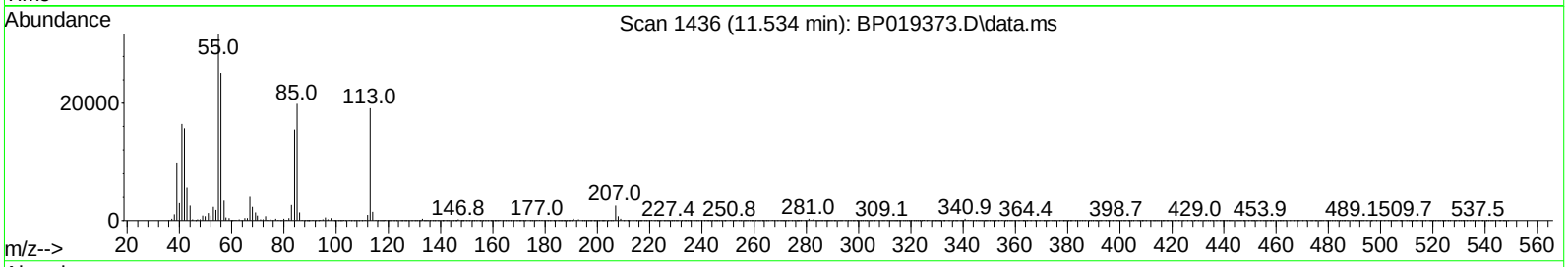

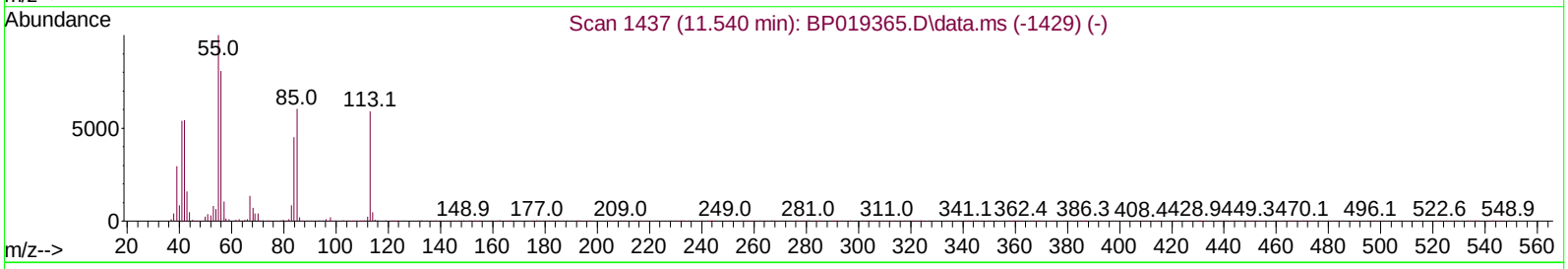

TIC: BP019373.D\data.ms

(34) Caprolactam

11.534min (-0.012) 18.57 ng/ul m

response 64147

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.60	166.08
56.00	135.00	131.53
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 15 16:51:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	142908	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.563	136	578631	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.422	164	428108	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	1060458	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	1071028	20.000	ng/ul	0.00
88) Perylene-d12	23.645	264	1083683	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	31960	8.457	ng/uL	-0.01
4) Pyridine-d5	3.628	84	230811	21.120	ng/ul	-0.01
7) Phenol-d5	6.952	99	248691	18.207	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.111	67	156339	19.136	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.305	132	176848	18.848	ng/ul	-0.01
15) 4-Methylphenol-d8	8.499	113	201170	18.565	ng/ul	-0.02
21) Nitrobenzene-d5	8.940	128	92543	19.010	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.658	143	112004	19.802	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.199	165	219739	19.229	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.716	131	264644	18.334	ng/ul	-0.01
46) Dimethylphthalate-d6	13.840	166	709186	18.751	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	757216	18.677	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	106097	18.268	ng/ul	-0.01
60) Fluorene-d10	15.422	176	606963	19.601	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	139995	17.881	ng/ul	0.00
73) Anthracene-d10	17.281	188	987673	18.674	ng/ul	0.00
81) Pyrene-d10	19.528	212	1234399	17.675	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.492	264	1116347	18.945	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	32300	8.251	ng/uL	98
5) Pyridine	3.646	79	236969	21.345	ng/ul	91
6) Benzaldehyde	6.917	77	147144	24.711	ng/ul	96
8) Phenol	6.981	94	255400	18.560	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.205	93	206495	18.708	ng/ul	98
12) 2-Chlorophenol	7.334	128	184588	19.034	ng/ul	98
13) 2-Methylphenol	8.228	108	188824	18.295	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.299	45	256297	19.514	ng/ul	100
16) Acetophenone	8.599	105	335028	19.410	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.587	70	180740	20.097	ng/ul	97
18) 4-Methylphenol	8.558	108	208362	18.963	ng/ul	100
19) Hexachloroethane	8.834	117	82904	18.926	ng/ul	98
22) Nitrobenzene	8.981	77	271198	19.914	ng/ul	98
23) Isophorone	9.505	82	512891	19.427	ng/ul	99
25) 2-Nitrophenol	9.687	139	116719	19.645	ng/ul	96
26) 2,4-Dimethylphenol	9.758	107	249302	19.461	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	290986	19.164	ng/ul	99
29) 2,4-Dichlorophenol	10.222	162	213901	19.423	ng/ul	98
30) Naphthalene	10.616	128	617805	18.948	ng/ul	100
32) 4-Chloroaniline	10.746	127	261764	18.536	ng/ul	99
33) Hexachlorobutadiene	10.893	225	181413	19.093	ng/ul	98
34) Caprolactam	11.534	113	64147m	18.574	ng/ul	
35) 4-Chloro-3-methylphenol	11.881	107	243855	19.945	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.234	142	454517	19.159	ng/ul	99
37) 1-Methylnaphthalene	12.457	142	447979	19.300	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.605	216	343944	18.539	ng/ul	98
40) Hexachlorocyclopentadiene	12.575	237	199984	16.796	ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	213733	18.721	ng/ul	100
42) 2,4,5-Trichlorophenol	12.934	196	229570	18.764	ng/ul	97
43) 1,1'-Biphenyl	13.252	154	643909	18.207	ng/ul	100
44) 2-Chloronaphthalene	13.293	162	527244	18.435	ng/ul	99
45) 2-Nitroaniline	13.516	65	167961	20.474	ng/ul	98
47) Dimethylphthalate	13.887	163	705994	18.782	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	145371	19.557	ng/ul	98
50) Acenaphthylene	14.146	152	827419	18.633	ng/ul	99
51) 3-Nitroaniline	14.346	138	125685	19.385	ng/ul	99
52) Acenaphthene	14.487	153	551653	18.960	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	84348	17.306	ng/ul	92
55) 4-Nitrophenol	14.675	109	120160	19.158	ng/ul	94
56) Dibenzofuran	14.822	168	810917	19.466	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	214412	20.559	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.057	232	219228	20.184	ng/ul	99
59) Diethylphthalate	15.257	149	686597	19.519	ng/ul	99
61) Fluorene	15.475	166	667690	19.569	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.469	204	396180	19.457	ng/ul	98
63) 4-Nitroaniline	15.516	138	108858	21.657	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.575	198	148329	17.875	ng/ul	100
67) N-Nitrosodiphenylamine	15.693	169	566725	18.129	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	264990	18.294	ng/ul	96
69) Hexachlorobenzene	16.481	284	308471	18.479	ng/ul	98
70) Atrazine	16.657	200	248814	18.259	ng/ul	97
71) Pentachlorophenol	16.834	266	189541	18.281	ng/ul	98
72) Phenanthrene	17.222	178	1113937	18.700	ng/ul	99
74) Anthracene	17.316	178	1121539	18.573	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	334425	17.032	ng/uL	99
76) Pentachlorobenzene	14.740	250	340361	17.844	ng/uL	97
77) Carbazole	17.598	167	953417	18.558	ng/ul	100
78) Di-n-butylphthalate	18.145	149	1162059	18.901	ng/ul	99
80) Fluoranthene	19.204	202	1425283	17.266	ng/ul	100
82) Pyrene	19.557	202	1457469	17.395	ng/ul	99
83) Butylbenzylphthalate	20.439	149	516586	17.971	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.210	252	462606	19.023	ng/ul	98
85) Benzo(a)anthracene	21.275	228	1528907	18.338	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	754565	18.287	ng/ul	100
87) Chrysene	21.328	228	1378671	18.090	ng/ul	100
89) Di-n-octyl phthalate	22.104	149	1271655	17.192	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	1436001	18.543	ng/ul	99
91) Benzo(k)fluoranthene	22.975	252	1401260	18.651	ng/ul	100
93) Benzo(a)pyrene	23.545	252	1301372	18.701	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.092	276	1446334	17.574	ng/ul	98
95) Dibenzo(a,h)anthracene	26.104	278	1191146	17.484	ng/ul	99
96) Benzo(g,h,i)perylene	26.839	276	1125896	17.035	ng/ul	98

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

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