Quantitation Report (Qedit)

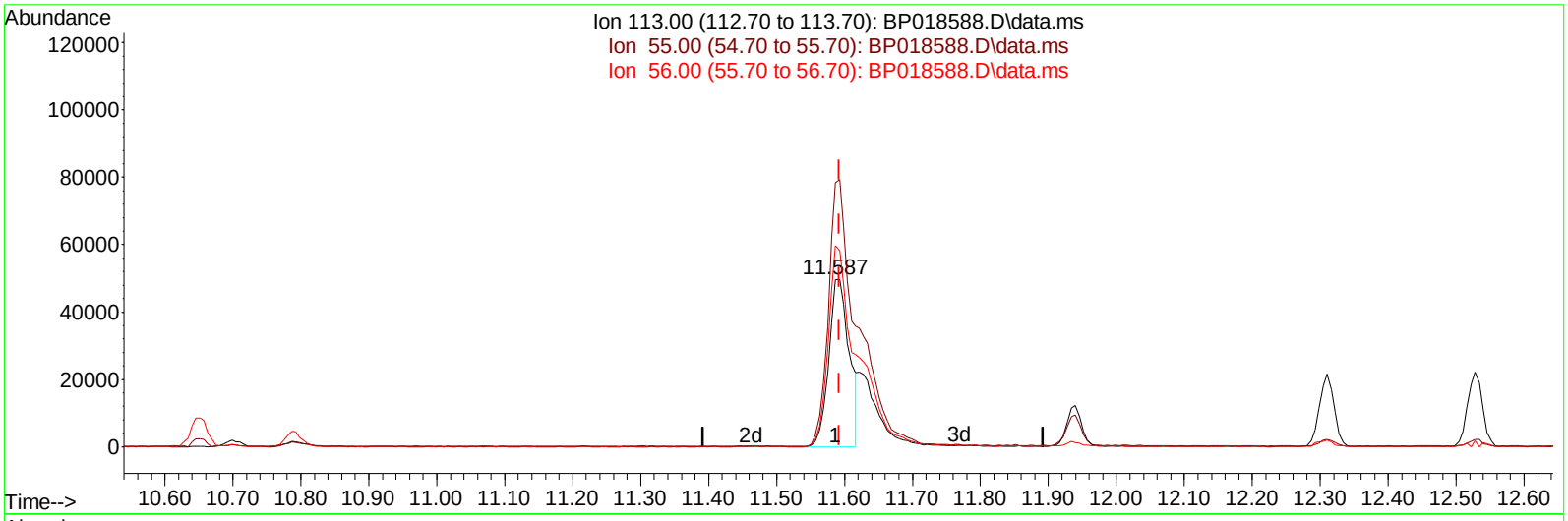
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018588.D
Acq On : 05 Dec 2023 05:37
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

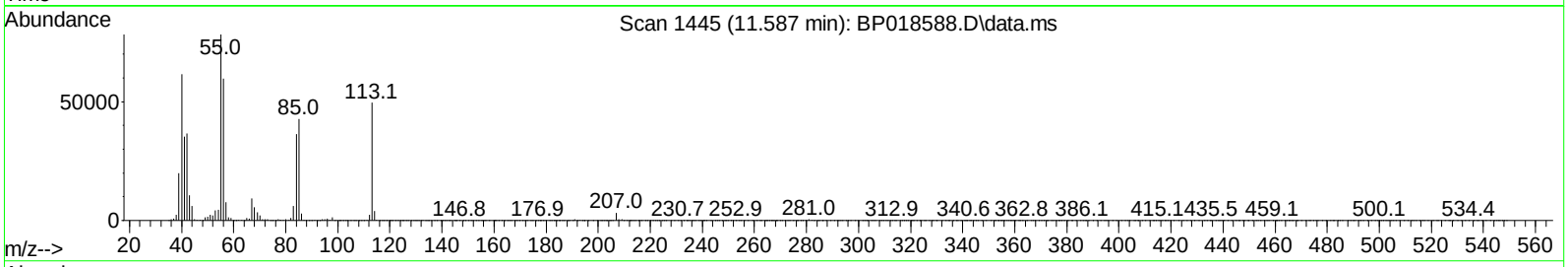
Quant Time: Dec 05 06:05:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

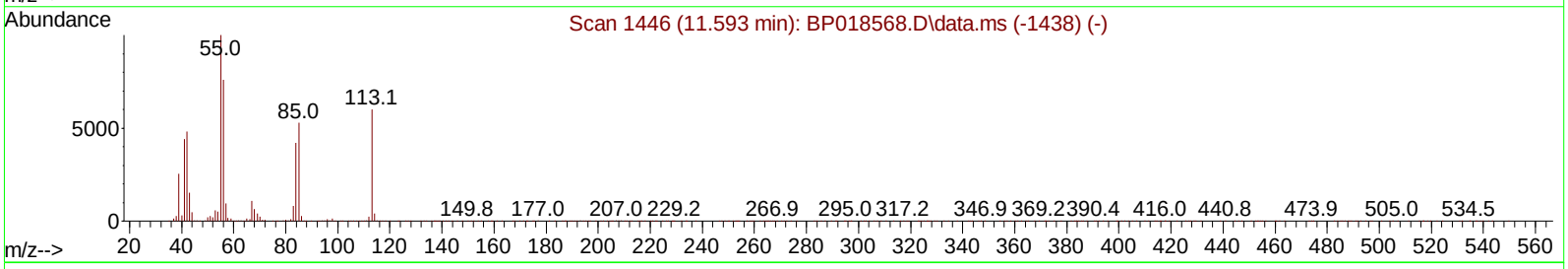
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BP018588.D\data.ms

(34) Caprolactam

11.587min (-0.006) 14.16 ng/ul

response 104135

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	157.89
56.00	121.80	120.49
0.00	0.00	0.00

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LabSampleId :
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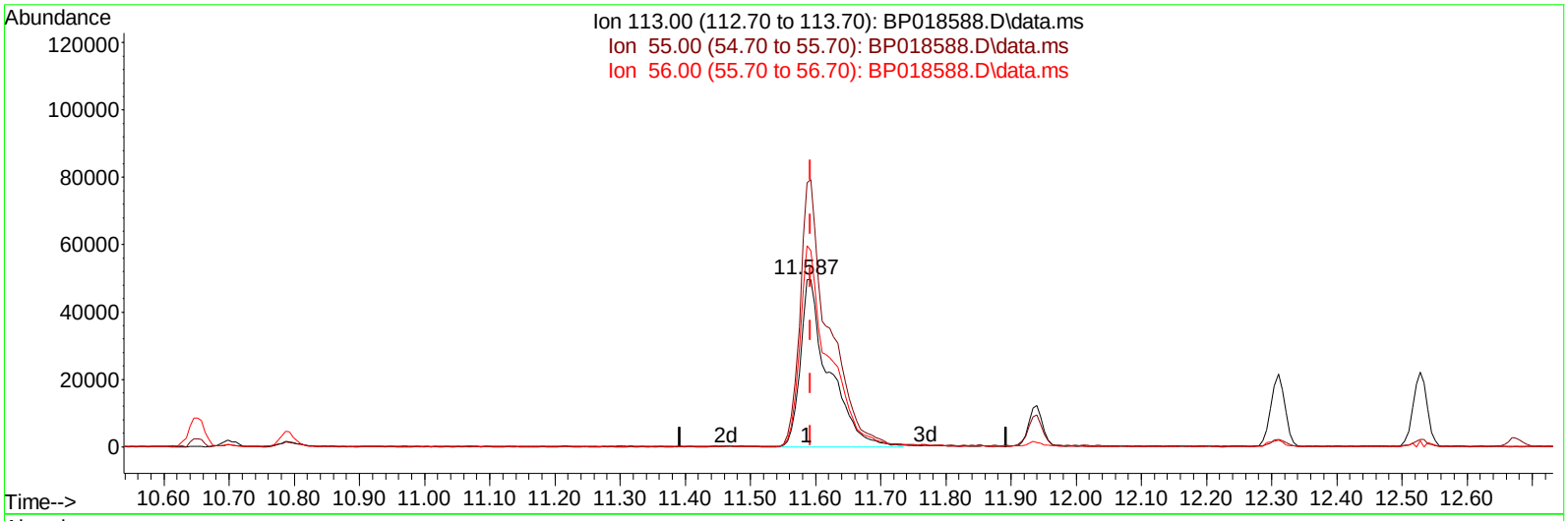

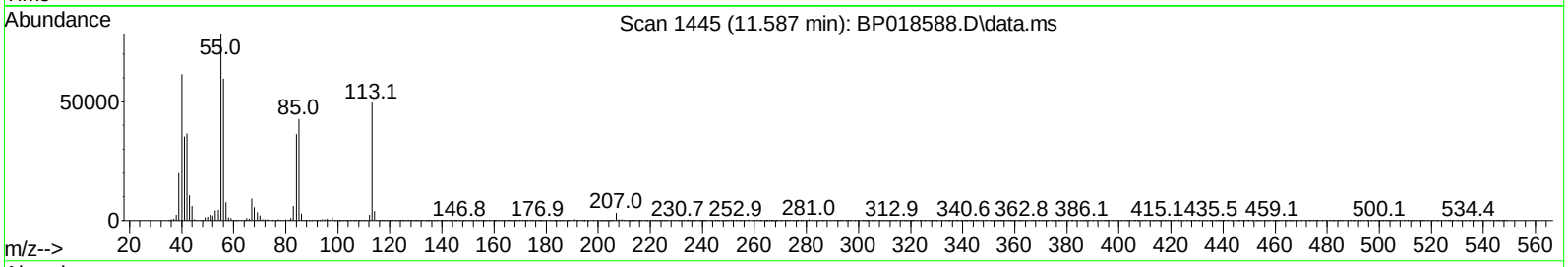

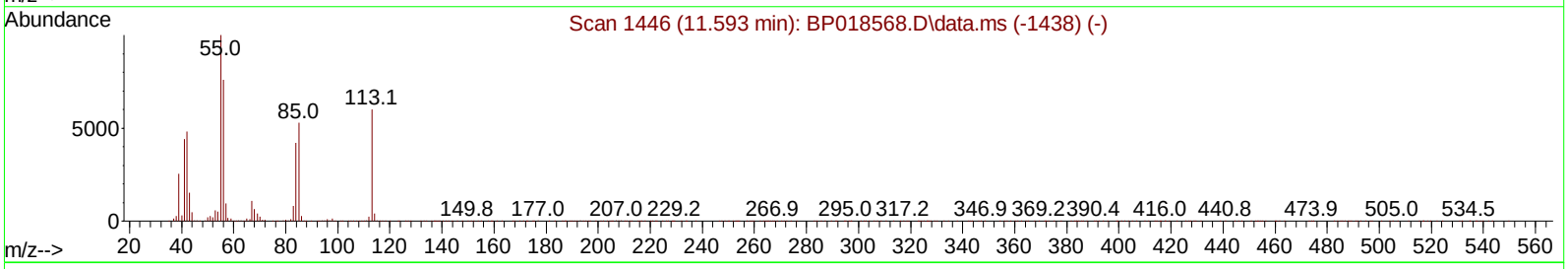

TIC: BP018588.D\data.ms

(34) Caprolactam

11.587min (-0.006) 20.37 ng/ul m

response 149753

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	157.89
56.00	121.80	120.49
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 05 06:06:09 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Instrument :
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LabSampleId :
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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	7.852	152	358566	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1319320	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	1048790	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2254618	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1732113	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1825331	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	83260	7.913	ng/uL	0.00
4) Pyridine-d5	3.687	84	599749	21.280	ng/ul	0.00
7) Phenol-d5	7.022	99	738099	20.512	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	448195	21.015	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	549208	19.560	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	492067	16.897	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	231725	19.734	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	245317	20.151	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	514650	20.674	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	701780	21.571	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	1874866	20.029	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	2124616	20.613	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	311636	20.282	ng/ul	0.00
60) Fluorene-d10	15.475	176	1600931	20.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	255862	18.926	ng/ul	0.00
73) Anthracene-d10	17.328	188	2408582	20.321	ng/ul	0.00
81) Pyrene-d10	19.563	212	2624312	19.464	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	2117713	19.898	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	88080	7.633	ng/uL	97
5) Pyridine	3.705	79	607957	21.360	ng/ul	98
6) Benzaldehyde	6.993	77	433001	23.307	ng/ul	94
8) Phenol	7.046	94	739572	20.958	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	611952	21.116	ng/ul	99
12) 2-Chlorophenol	7.416	128	562883	19.808	ng/ul	99
13) 2-Methylphenol	8.299	108	453089	16.771	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	613286	16.678	ng/ul	98
16) Acetophenone	8.681	105	769551	17.732	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	378806	15.866	ng/ul	99
18) 4-Methylphenol	8.628	108	506889	17.183	ng/ul	98
19) Hexachloroethane	8.934	117	193541	16.613	ng/ul	97
22) Nitrobenzene	9.057	77	571335	20.012	ng/ul	100
23) Isophorone	9.587	82	1119810	19.237	ng/ul	99
25) 2-Nitrophenol	9.769	139	267315	20.508	ng/ul	98
26) 2,4-Dimethylphenol	9.828	107	509779	19.997	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.069	93	716870	19.507	ng/ul	99
29) 2,4-Dichlorophenol	10.299	162	490071	20.439	ng/ul	97
30) Naphthalene	10.698	128	1612135	20.143	ng/ul	99
32) 4-Chloroaniline	10.816	127	677009	21.834	ng/ul	100
33) Hexachlorobutadiene	10.987	225	349034	21.735	ng/ul	100
34) Caprolactam	11.587	113	149753m	20.368	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	641416	23.879	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	1383981	24.409	ng/ul	99
37) 1-Methylnaphthalene	12.528	142	1394539	24.354	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	787296	20.690	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	427920	18.973	ng/ul	97
41) 2,4,6-Trichlorophenol	12.916	196	496382	20.278	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	543204	20.469	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	1852701	20.425	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	1475930	20.602	ng/ul	98
45) 2-Nitroaniline	13.569	65	397343	20.459	ng/ul	98
47) Dimethylphthalate	13.945	163	1861159	20.199	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	359009	20.623	ng/ul	98
50) Acenaphthylene	14.204	152	2390741	20.630	ng/ul	99
51) 3-Nitroaniline	14.392	138	375139	21.587	ng/ul	98
52) Acenaphthene	14.545	153	1569917	20.489	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	152903	16.573	ng/ul	99
55) 4-Nitrophenol	14.698	109	235153	20.257	ng/ul	97
56) Dibenzofuran	14.881	168	2177982	20.452	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	515117	21.036	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	451698	20.292	ng/ul	99
59) Diethylphthalate	15.310	149	1794225	19.899	ng/ul	100
61) Fluorene	15.528	166	1762879	20.921	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	916138	20.730	ng/ul	96
63) 4-Nitroaniline	15.551	138	365145	22.056	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	277992	19.234	ng/ul	94
67) N-Nitrosodiphenylamine	15.739	169	1500464	20.084	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	548873	19.283	ng/ul	97
69) Hexachlorobenzene	16.528	284	641707	20.193	ng/ul	97
70) Atrazine	16.698	200	489789	22.051	ng/ul	99
71) Pentachlorophenol	16.875	266	357860	18.934	ng/ul	99
72) Phenanthrene	17.275	178	2781700	20.428	ng/ul	99
74) Anthracene	17.363	178	2796899	20.491	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.281	216	791823	20.311	ng/uL	98
76) Pentachlorobenzene	14.798	250	774383	20.222	ng/uL	100
77) Carbazole	17.633	167	2424238	22.285	ng/ul	99
78) Di-n-butylphthalate	18.192	149	2900856	20.027	ng/ul	100
80) Fluoranthene	19.239	202	3073227	19.283	ng/ul	100
82) Pyrene	19.592	202	3150894	19.597	ng/ul	98
83) Butylbenzylphthalate	20.469	149	1094851	18.601	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	866787	20.593	ng/ul	99
85) Benzo(a)anthracene	21.298	228	2843750	20.227	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	1508812	18.650	ng/ul	99
87) Chrysene	21.351	228	2618873	20.228	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	2338706	17.548	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	2625160	19.506	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	2577513	19.794	ng/ul	100
93) Benzo(a)pyrene	23.580	252	2477368	20.146	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.151	276	3063232	20.849	ng/ul	98
95) Dibenzo(a,h)anthracene	26.168	278	2566719	21.000	ng/ul	99
96) Benzo(g,h,i)perylene	26.909	276	2448483	20.707	ng/ul	97

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

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