Quantitation Report (Qedit)

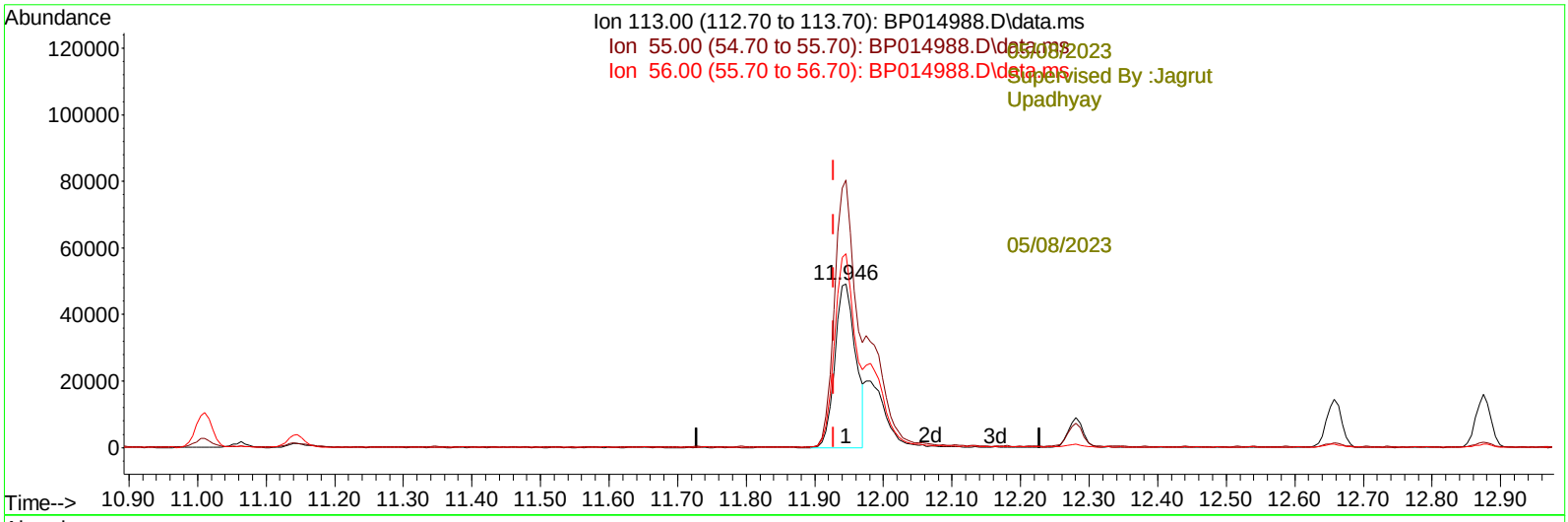
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014988.D
Acq On : 05 May 2023 17:57
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

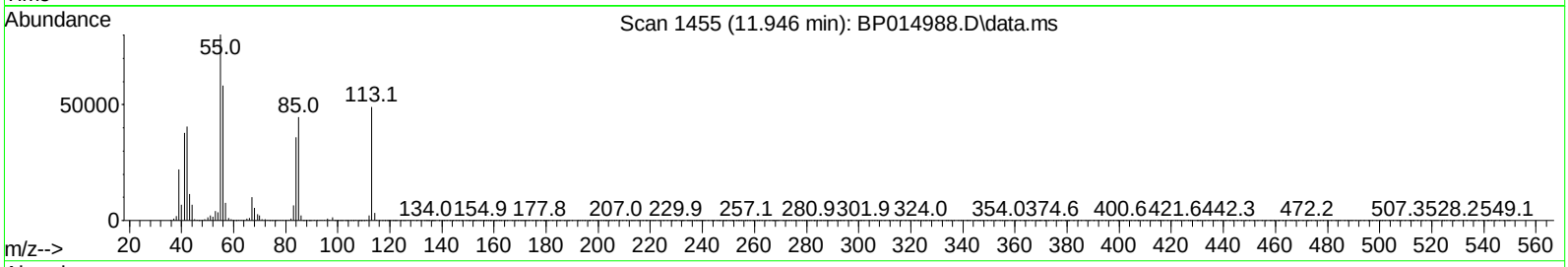
Quant Time: May 05 22:33:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 12:12:36 2023
Response via : Initial Calibration

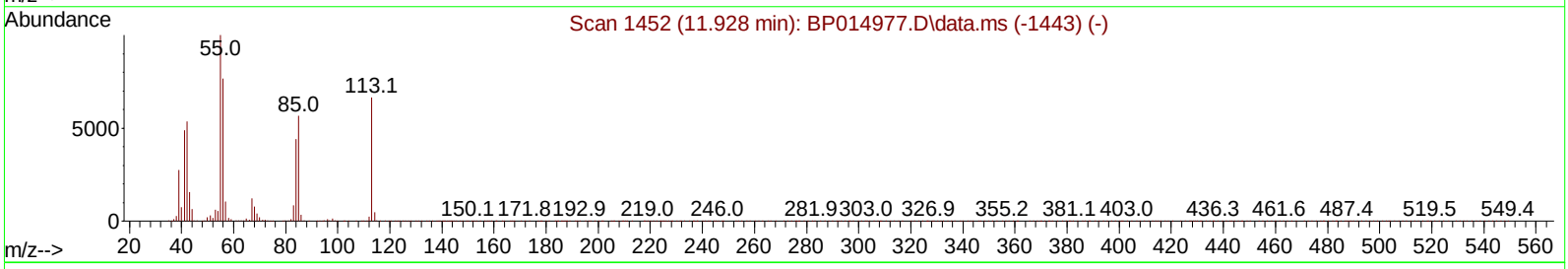
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023







TIC: BP014988.D\data.ms

(34) Caprolactam

11.946min (+ 0.018) 14.54 ng/ul

response 102932

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.60	163.69
56.00	117.90	118.53
0.00	0.00	0.00

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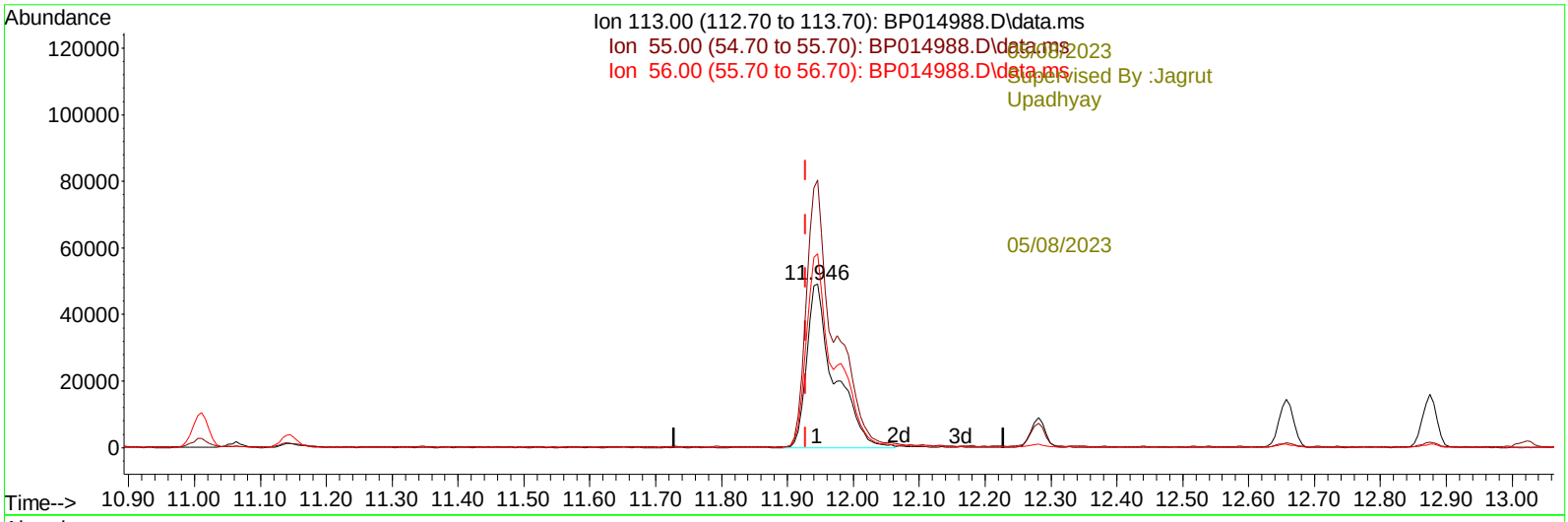

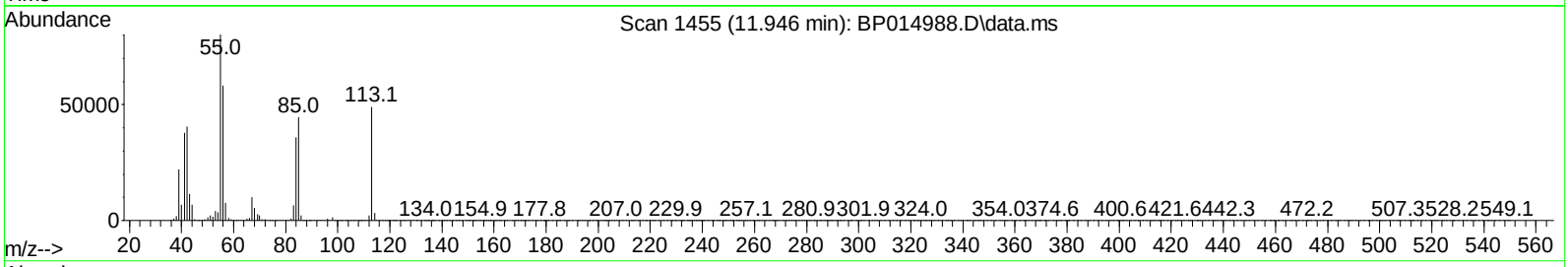

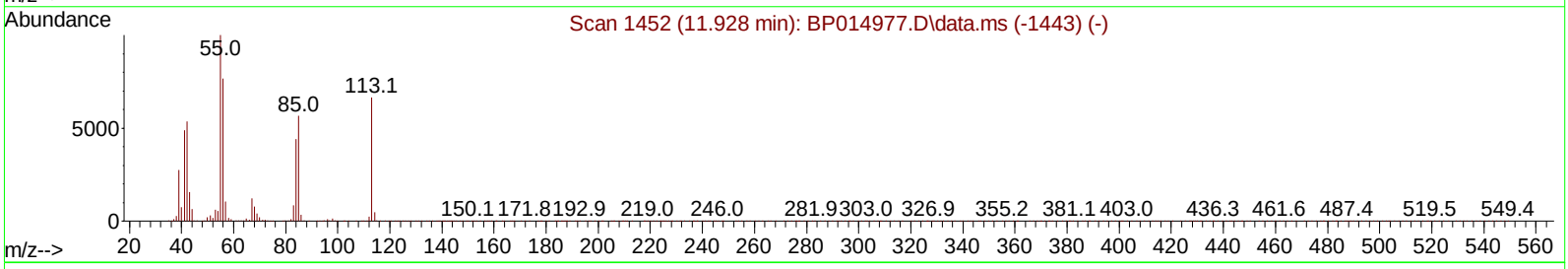

TIC: BP014988.D\data.ms

(34) Caprolactam

11.946min (+ 0.018) 20.42 ng/ul m

response 144569

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.60	163.69
56.00	117.90	118.53
0.00	0.00	0.00

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Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 05 23:39:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 12:12:36 2023
Response via : Initial Calibration

Instrument :
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LabSampleId :
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05/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	358639	20.000	ng/ul	0.00
20) Naphthalene-d8	11.010	136	1549051	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.822	164	942058	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.575	188	1924690	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	1111085	20.000	ng/ul	0.01
88) Perylene-d12	24.257	264	1161938	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	63432	6.576	ng/uL	0.00
4) Pyridine-d5	3.899	84	448237	17.002	ng/ul	0.00
7) Phenol-d5	7.316	99	571185	18.370	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.487	67	335104	17.437	ng/ul	0.00
11) 2-Chlorophenol-d4	7.693	132	432679	18.925	ng/ul	0.00
15) 4-Methylphenol-d8	8.887	113	449641	18.765	ng/ul	0.01
21) Nitrobenzene-d5	9.352	128	218284	19.813	ng/ul	0.01
24) 2-Nitrophenol-d4	10.081	143	243165	21.495	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.622	165	446436	20.098	ng/ul	0.00
31) 4-Chloroaniline-d4	11.146	131	610136	18.990	ng/ul	0.01
46) Dimethylphthalate-d6	14.222	166	1204759	18.069	ng/ul	0.01
49) Acenaphthylene-d8	14.516	160	1442702	18.042	ng/ul	0.01
54) 4-Nitrophenol-d4	15.010	143	226397	19.518	ng/ul	0.01
60) Fluorene-d10	15.810	176	1044304	18.206	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.934	200	184037	16.986	ng/ul	0.01
73) Anthracene-d10	17.675	188	1548715	17.909	ng/ul	0.01
81) Pyrene-d10	19.892	212	1499235	20.007	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.086	264	1018885	17.997	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.499	88	68204	6.527	ng/uL	99
5) Pyridine	3.923	79	464575	16.927	ng/ul	99
6) Benzaldehyde	7.299	77	188378	22.159	ng/ul	99
8) Phenol	7.346	94	590703	18.095	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.581	93	473131	17.437	ng/ul	99
12) 2-Chlorophenol	7.728	128	454483	18.350	ng/ul	100
13) 2-Methylphenol	8.616	108	450743	18.518	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.705	45	583177	16.945	ng/ul	99
16) Acetophenone	9.005	105	718845	18.348	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.993	70	363197	18.190	ng/ul	99
18) 4-Methylphenol	8.952	108	491061	18.249	ng/ul	100
19) Hexachloroethane	9.269	117	187462	17.445	ng/ul	93
22) Nitrobenzene	9.393	77	535129	18.486	ng/ul	98
23) Isophorone	9.922	82	1042891	18.229	ng/ul	99
25) 2-Nitrophenol	10.116	139	262573	20.182	ng/ul	97
26) 2,4-Dimethylphenol	10.163	107	523608	18.544	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.405	93	641847	17.549	ng/ul	99
29) 2,4-Dichlorophenol	10.652	162	446784	19.446	ng/ul	99
30) Naphthalene	11.063	128	1489081	17.488	ng/ul	100
32) 4-Chloroaniline	11.169	127	627421	18.713	ng/ul	100
33) Hexachlorobutadiene	11.340	225	275547	18.587	ng/ul	99
34) Caprolactam	11.946	113	144569m	20.425	ng/ul	
35) 4-Chloro-3-methylphenol	12.281	107	476915	20.192	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.657	142	972835	18.475	ng/ul	99
37) 1-Methylnaphthalene	12.875	142	981030	18.074	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.022	216	530378	18.049	ng/ul	98
40) Hexachlorocyclopentadiene	12.999	237	385161	19.438	ng/ul	99
41) 2,4,6-Trichlorophenol	13.257	196	358080	19.776	ng/ul	99
42) 2,4,5-Trichlorophenol	13.328	196	386493	19.805	ng/ul	99
43) 1,1'-Biphenyl	13.657	154	1310281	17.397	ng/ul	99
44) 2-Chloronaphthalene	13.698	162	1029026	17.540	ng/ul	99
45) 2-Nitroaniline	13.904	65	291326	21.324	ng/ul	97
47) Dimethylphthalate	14.269	163	1258707	17.954	ng/ul	99
48) 2,6-Dinitrotoluene	14.393	165	258185	20.840	ng/ul	95
50) Acenaphthylene	14.546	152	1602787	17.680	ng/ul	100
51) 3-Nitroaniline	14.722	138	238846	21.307	ng/ul	97
52) Acenaphthene	14.881	153	1089434	17.366	ng/ul	99
53) 2,4-Dinitrophenol	14.934	184	128236	17.007	ng/ul	93
55) 4-Nitrophenol	15.022	109	171073	19.376	ng/ul	97
56) Dibenzofuran	15.216	168	1511799	17.860	ng/ul	100
57) 2,4-Dinitrotoluene	15.181	165	357376	20.595	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.440	232	320553	20.183	ng/ul	97
59) Diethylphthalate	15.628	149	1248801	18.851	ng/ul	99
61) Fluorene	15.869	166	1216677	18.221	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.851	204	596020	18.240	ng/ul	99
63) 4-Nitroaniline	15.887	138	217552	23.252	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.945	198	190422	16.569	ng/ul	100
67) N-Nitrosodiphenylamine	16.069	169	1027317	17.586	ng/ul	99
68) 4-Bromophenyl-phenylether	16.751	248	370124	18.486	ng/ul	98
69) Hexachlorobenzene	16.875	284	428226	18.157	ng/ul	96
70) Atrazine	17.022	200	374178	19.035	ng/ul	99
71) Pentachlorophenol	17.222	266	253269	18.396	ng/ul	98
72) Phenanthrene	17.622	178	1834170	17.250	ng/ul	100
74) Anthracene	17.710	178	1861512	17.584	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.622	216	535876	16.819	ng/uL	97
76) Pentachlorobenzene	15.140	250	523112	17.258	ng/uL	99
77) Carbazole	17.975	167	1625865	18.260	ng/ul	100
78) Di-n-butylphthalate	18.504	149	2136820	21.461	ng/ul	100
80) Fluoranthene	19.569	202	1915549	20.832	ng/ul	97
82) Pyrene	19.922	202	1897304	19.475	ng/ul	97
83) Butylbenzylphthalate	20.769	149	833574	28.499	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.557	252	333657	17.842	ng/ul	99
85) Benzo(a)anthracene	21.639	228	1367661	18.442	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1144207	31.090	ng/ul#	100
87) Chrysene	21.692	228	1283898	17.194	ng/ul	100
89) Di-n-octyl phthalate	22.522	149	1666593	24.565	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	1284567	17.106	ng/ul	99
91) Benzo(k)fluoranthene	23.504	252	1238033	16.199	ng/ul	99
93) Benzo(a)pyrene	24.145	252	1153083	17.509	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.027	276	1651571	20.559	ng/ul	98
95) Dibenzo(a,h)anthracene	27.045	278	1359733	20.651	ng/ul	100
96) Benzo(g,h,i)perylene	27.880	276	1376167	20.128	ng/ul	96

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

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