Quantitation Report (Qedit)

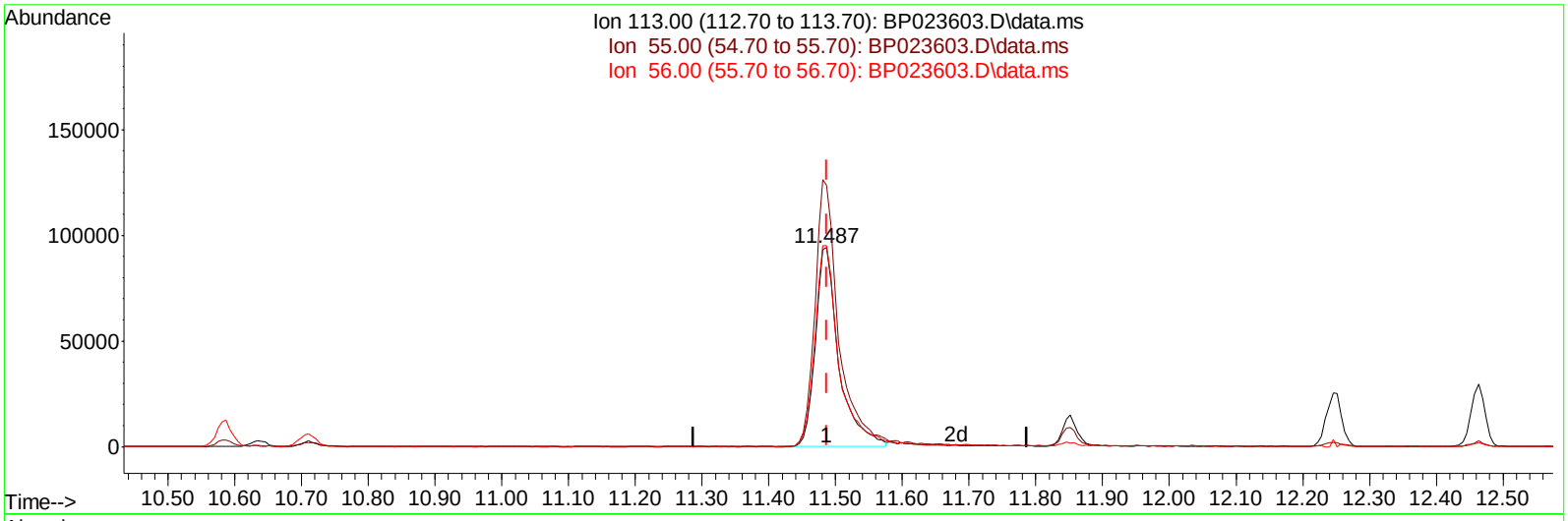
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011425\
Data File : BP023603.D
Acq On : 14 Jan 2025 12:39
Operator : RC/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

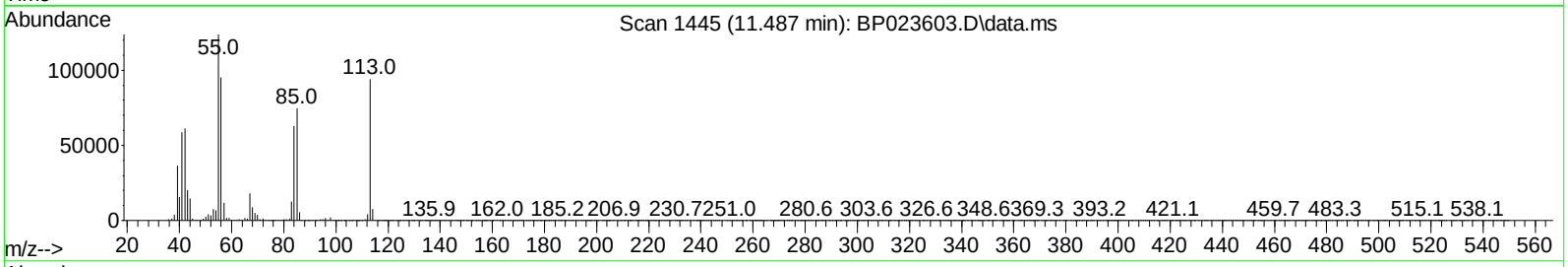
Quant Time: Jan 14 13:38:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 13:36:31 2025
Response via : Initial Calibration

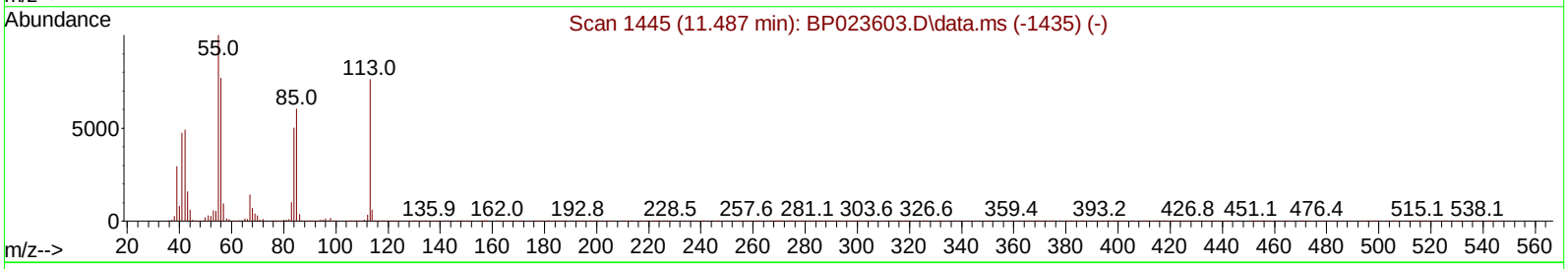
Instrument :
BNA_P
ClientSampleId :
SSTD020602

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025







TIC: BP023603.D\data.ms

(34) Caprolactam

11.487min (0.000) 21.15 ng/ul

response 230124

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	131.40	131.41
56.00	100.90	100.91
0.00	0.00	0.00

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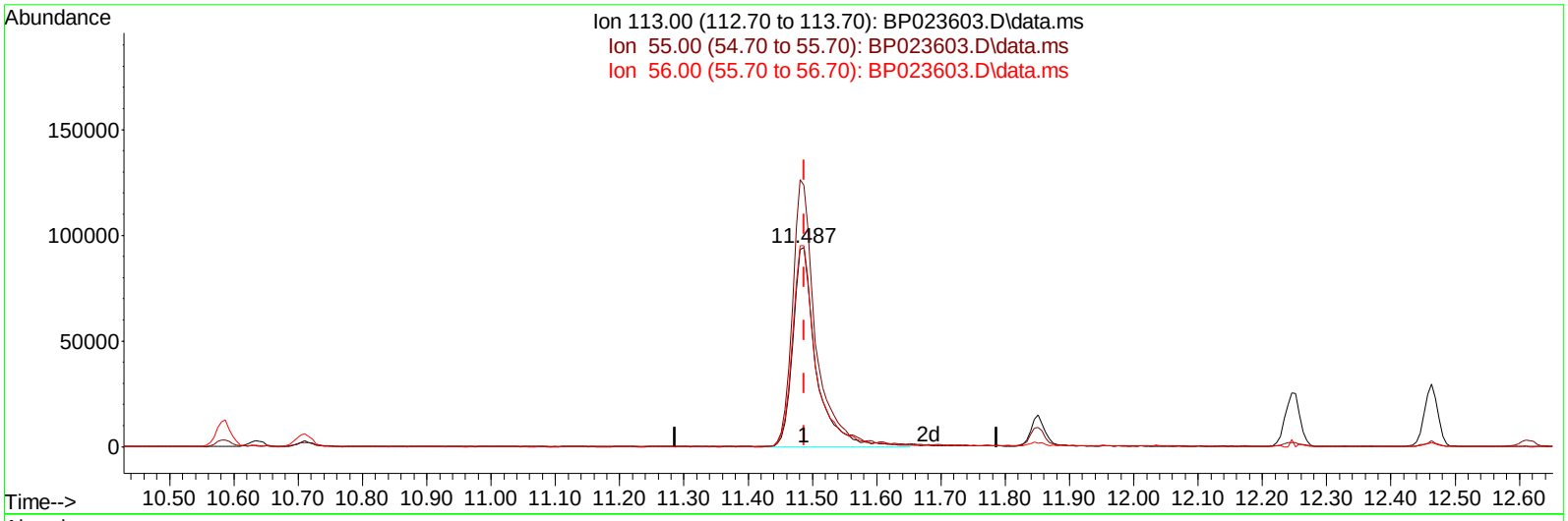

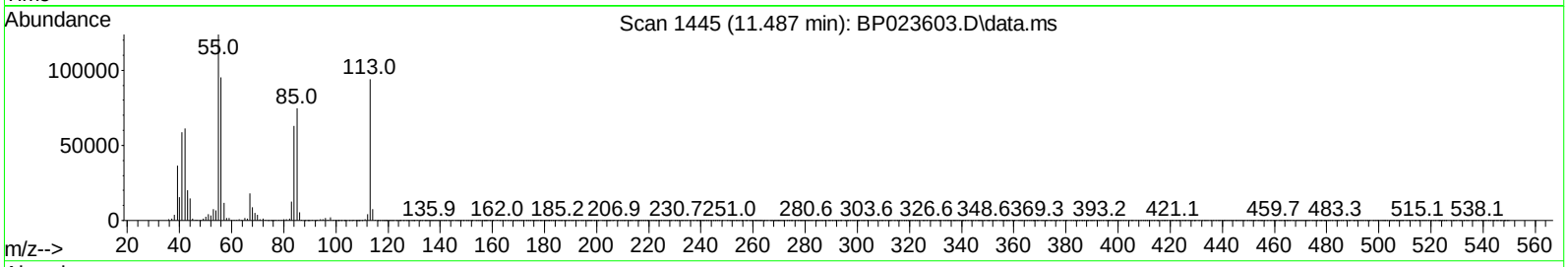

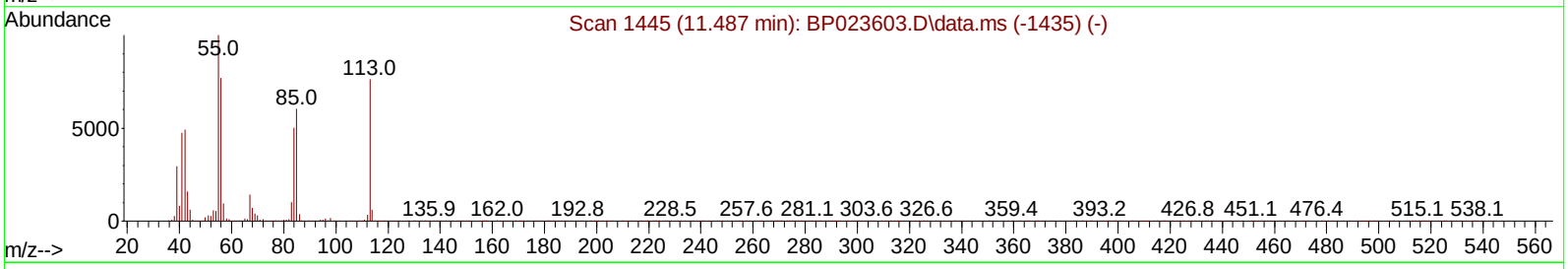

TIC: BP023603.D\data.ms

(34) Caprolactam

11.487min (0.000) 21.71 ng/ul m

response 236275

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	131.40	131.41
56.00	100.90	100.91
0.00	0.00	0.00

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Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Instrument :
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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	7.810	152	513940	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	2194626	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	1341841	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2586781	20.000	ng/ul	0.00
79) Chrysene-d12	21.710	240	2683349	20.000	ng/ul	0.00
88) Perylene-d12	25.145	264	2676556	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	119104	9.218	ng/uL	0.00
4) Pyridine-d5	3.717	84	842928	22.124	ng/ul	0.00
7) Phenol-d5	6.963	99	912408	22.209	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	587449	22.918	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	718398	24.215	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	702535	22.707	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	335547	23.812	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	189465	25.250	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	675498	24.419	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	1120535	21.981	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	2144396	23.916	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	2620253	22.850	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	310463	20.900	ng/ul	0.00
60) Fluorene-d10	15.439	176	1875456	22.608	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	118421	17.550	ng/ul	0.00
73) Anthracene-d10	17.345	188	2846024	22.303	ng/ul	0.00
81) Pyrene-d10	19.722	212	3151436	22.591	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.910	264	3033170	23.065	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	125580	9.113	ng/uL	100
5) Pyridine	3.734	79	865581	22.512	ng/ul	100
6) Benzaldehyde	6.952	77	655181	28.106	ng/ul	100
8) Phenol	6.993	94	998505	22.417	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.228	93	831827	22.802	ng/ul	100
12) 2-Chlorophenol	7.375	128	779909	24.141	ng/ul	100
13) 2-Methylphenol	8.234	108	721170	22.354	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	875081	22.979	ng/ul	100
16) Acetophenone	8.616	105	1302153	23.311	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.605	70	614719	23.495	ng/ul	100
18) 4-Methylphenol	8.557	108	792879	22.744	ng/ul	100
19) Hexachloroethane	8.887	117	312346	23.141	ng/ul	100
22) Nitrobenzene	8.987	77	837005	23.101	ng/ul	100
23) Isophorone	9.516	82	1707655	22.832	ng/ul	100
25) 2-Nitrophenol	9.693	139	267108	26.878	ng/ul	100
26) 2,4-Dimethylphenol	9.757	107	818017	23.954	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.993	93	1082434	22.749	ng/ul	100
29) 2,4-Dichlorophenol	10.228	162	699590	24.284	ng/ul	100
30) Naphthalene	10.634	128	2687055	22.512	ng/ul	100
32) 4-Chloroaniline	10.734	127	1076517	22.132	ng/ul	100
33) Hexachlorobutadiene	10.928	225	476908	22.165	ng/ul	100
34) Caprolactam	11.487	113	236275m	21.712	ng/ul	
35) 4-Chloro-3-methylphenol	11.851	107	712943	24.582	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.246	142	1813302	22.598	ng/ul	100
37) 1-Methylnaphthalene	12.463	142	1787240	22.566	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.616	216	923149	22.128	ng/ul	100
40) Hexachlorocyclopentadiene	12.604	237	340642	20.901	ng/ul	100
41) 2,4,6-Trichlorophenol	12.845	196	464424	25.157	ng/ul	100
42) 2,4,5-Trichlorophenol	12.916	196	509580	24.569	ng/ul	100
43) 1,1'-Biphenyl	13.263	154	2324136	22.441	ng/ul	100
44) 2-Chloronaphthalene	13.298	162	1801141	22.306	ng/ul	100
45) 2-Nitroaniline	13.487	65	332576	25.087	ng/ul	100
47) Dimethylphthalate	13.881	163	2118162	23.318	ng/ul	100
48) 2,6-Dinitrotoluene	13.992	165	315382	24.782	ng/ul	100
50) Acenaphthylene	14.151	152	2823492	22.746	ng/ul	100
51) 3-Nitroaniline	14.322	138	389654	22.593	ng/ul	100
52) Acenaphthene	14.498	153	1964707	22.494	ng/ul	100
53) 2,4-Dinitrophenol	14.528	184	71805	17.826	ng/ul	100
55) 4-Nitrophenol	14.628	109	260392	22.360	ng/ul	100
56) Dibenzofuran	14.839	168	2684387	22.620	ng/ul	100
57) 2,4-Dinitrotoluene	14.787	165	485322	25.507	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.069	232	389755	25.961	ng/ul	100
59) Diethylphthalate	15.275	149	2082095	24.184	ng/ul	100
61) Fluorene	15.492	166	2237612	22.549	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	1101755	22.466	ng/ul	100
63) 4-Nitroaniline	15.498	138	448710	24.935	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.563	198	146207	18.343	ng/ul	100
67) N-Nitrosodiphenylamine	15.716	169	1801083	22.403	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	636793	22.241	ng/ul	100
69) Hexachlorobenzene	16.528	284	776798	22.139	ng/ul	100
70) Atrazine	16.698	200	613644	22.311	ng/ul	100
71) Pentachlorophenol	16.875	266	314474	19.744	ng/ul	100
72) Phenanthrene	17.286	178	3319896	22.334	ng/ul	100
74) Anthracene	17.381	178	3335450	22.364	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	895792	21.813	ng/uL	100
76) Pentachlorobenzene	14.763	250	946430	22.258	ng/uL	100
77) Carbazole	17.651	167	3045983	23.619	ng/ul	100
78) Di-n-butylphthalate	18.269	149	3172983	26.729	ng/ul	100
80) Fluoranthene	19.375	202	3639290	22.993	ng/ul	100
82) Pyrene	19.751	202	4027673	23.127	ng/ul	100
83) Butylbenzylphthalate	20.716	149	858750	24.336	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.604	252	926480	21.640	ng/ul	100
85) Benzo(a)anthracene	21.692	228	3971721	23.200	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.657	149	1548519	25.731	ng/ul	100
87) Chrysene	21.757	228	3738679	22.852	ng/ul	100
89) Di-n-octyl phthalate	22.992	149	1898877	20.103	ng/ul	100
90) Benzo(b)fluoranthene	24.057	252	3473767	22.915	ng/ul	100
91) Benzo(k)fluoranthene	24.139	252	3936978	23.117	ng/ul	100
93) Benzo(a)pyrene	24.986	252	3466331	23.145	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.056	276	4089229	23.036	ng/ul	100
95) Dibenzo(a,h)anthracene	29.133	278	3368136	23.372	ng/ul	100
96) Benzo(g,h,i)perylene	30.239	276	3184739	23.105	ng/ul	100

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

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