Quantitation Report (Qedit)

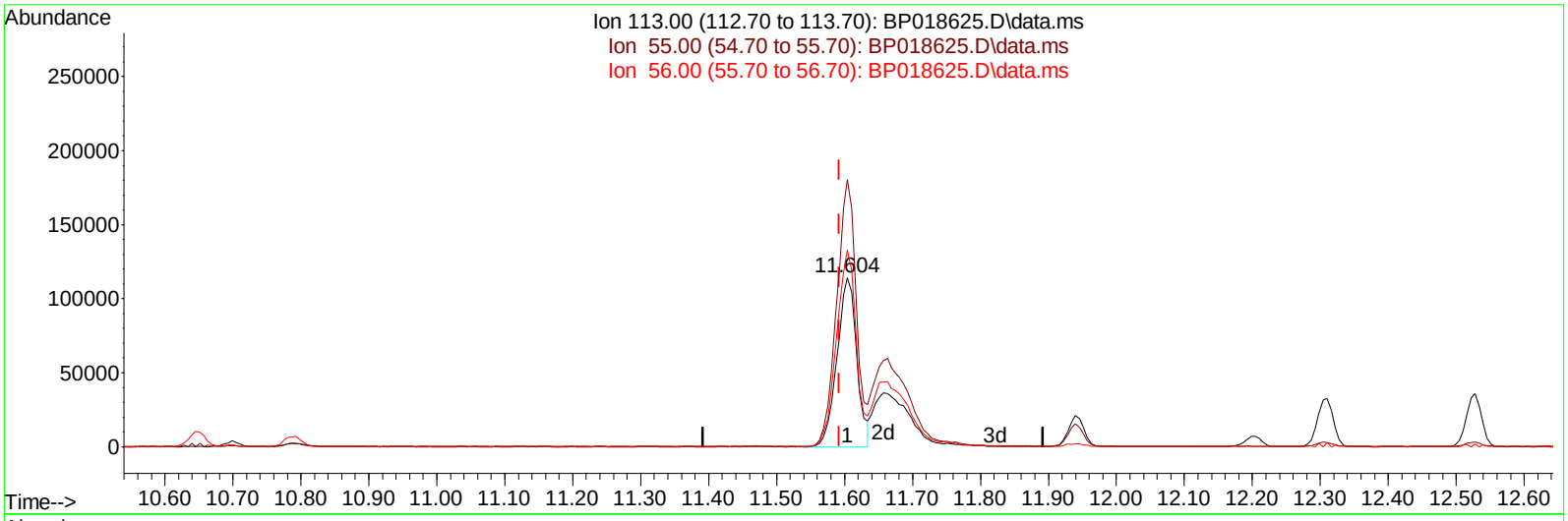
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018625.D
Acq On : 06 Dec 2023 03:35
Operator : MA/JU
Sample : PB157366BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

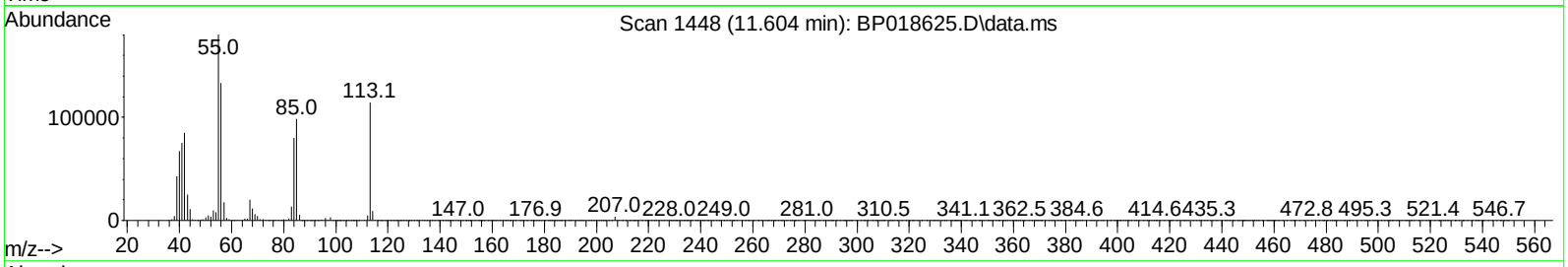
Quant Time: Dec 06 04:05:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

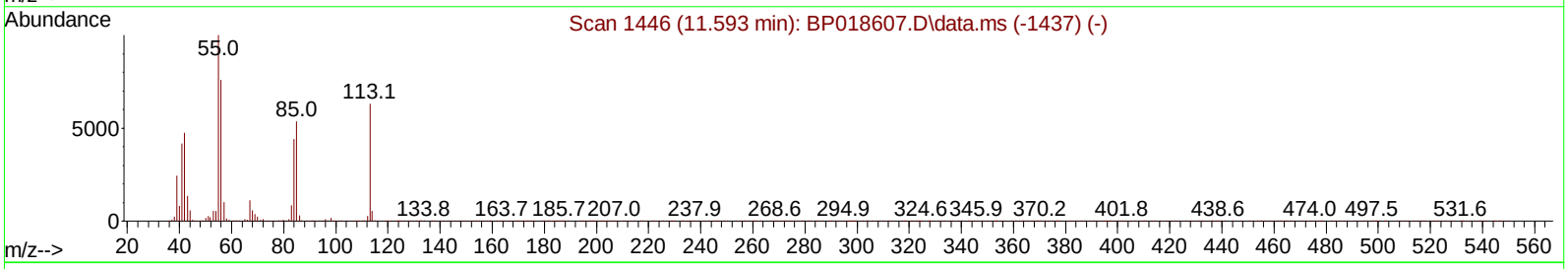
Instrument :
BNA_P
ClientSampleId :
SLCS366

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/08/2023







TIC: BP018625.D\data.ms

(34) Caprolactam

11.604min (+ 0.012) 24.82 ng/ul

response 230388

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	157.69
56.00	121.80	116.38
0.00	0.00	0.00

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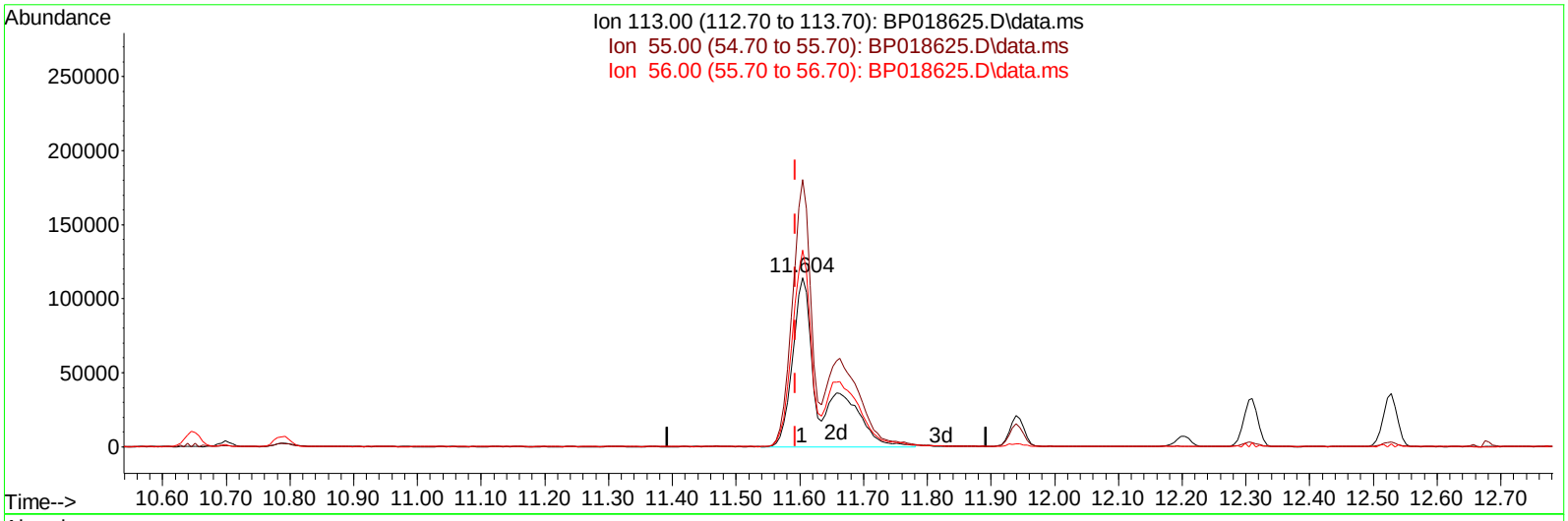

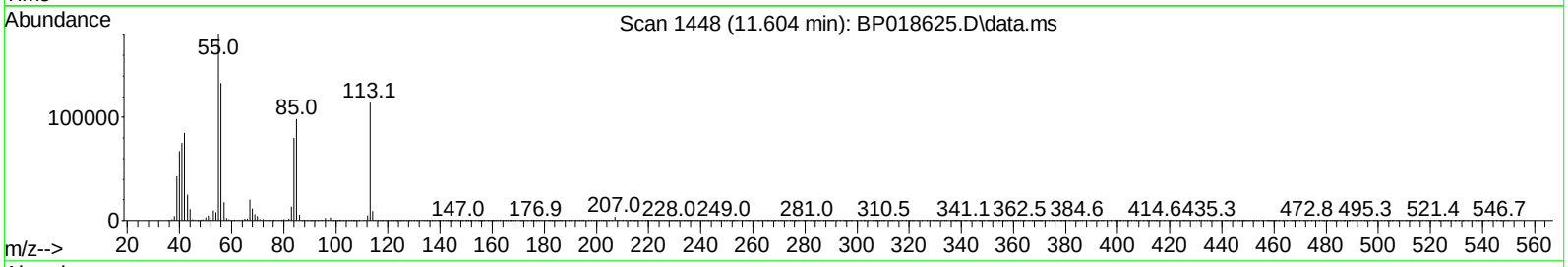

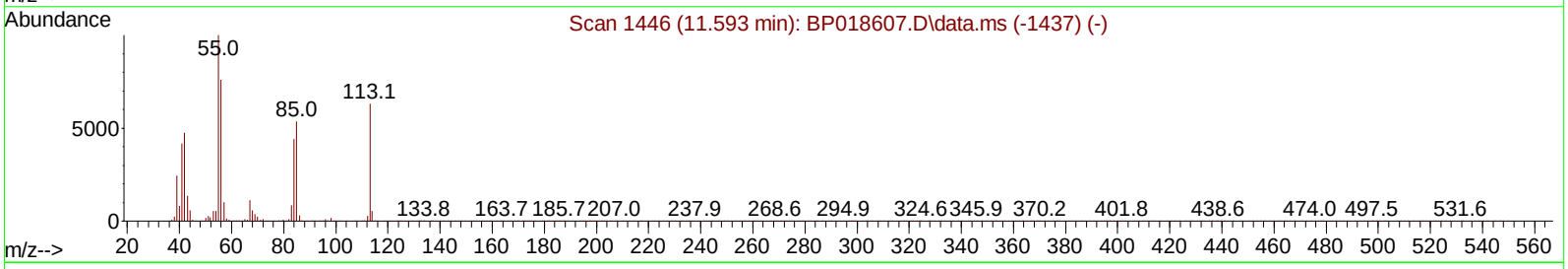

TIC: BP018625.D\data.ms

(34) Caprolactam

11.604min (+ 0.012) 39.25 ng/ul m

response 364385

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	157.69
56.00	121.80	116.38
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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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	338989	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	1665859	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	1124489	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2522751	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	2023871	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	2006022	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	63348	6.368	ng/uL	0.00
4) Pyridine-d5	3.681	84	876773	32.905	ng/ul	0.00
7) Phenol-d5	7.022	99	1245569	36.614	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	707217	35.076	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	931082	35.076	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	736960	26.769	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	361065	24.352	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	422615	27.493	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	855165	27.207	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	1203598	29.300	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	3283392	32.716	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	3549660	32.120	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	582530	35.361	ng/ul	0.00
60) Fluorene-d10	15.475	176	2747680	32.616	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	540080	35.704	ng/ul	0.00
73) Anthracene-d10	17.328	188	4001960	30.175	ng/ul	0.00
81) Pyrene-d10	19.563	212	4828618	30.650	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	3831305	32.756	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	128612	11.790	ng/uL	98
5) Pyridine	3.705	79	910666	33.844	ng/ul	97
6) Benzaldehyde	6.993	77	628975	35.811	ng/ul	96
8) Phenol	7.052	94	1233223	36.966	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	966346	35.270	ng/ul	100
12) 2-Chlorophenol	7.416	128	923778	34.386	ng/ul	97
13) 2-Methylphenol	8.299	108	665437	26.054	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	869323	25.006	ng/ul	98
16) Acetophenone	8.681	105	1118857	27.269	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	561973	24.897	ng/ul	98
18) 4-Methylphenol	8.634	108	744587	26.698	ng/ul	97
19) Hexachloroethane	8.928	117	291718	26.487	ng/ul	91
22) Nitrobenzene	9.057	77	857348	23.783	ng/ul	99
23) Isophorone	9.587	82	1757348	23.910	ng/ul	99
25) 2-Nitrophenol	9.763	139	438534	26.645	ng/ul	96
26) 2,4-Dimethylphenol	9.828	107	485602	15.086	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.069	93	1105082	23.815	ng/ul	100
29) 2,4-Dichlorophenol	10.298	162	807298	26.665	ng/ul	99
30) Naphthalene	10.698	128	3113053	30.805	ng/ul	99
32) 4-Chloroaniline	10.816	127	1147687	29.314	ng/ul	99
33) Hexachlorobutadiene	10.981	225	663568	32.726	ng/ul	100
34) Caprolactam	11.604	113	364385m	39.251	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	1109690	32.718	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	2234734	31.214	ng/ul	99
37) 1-Methylnaphthalene	12.528	142	2211333	30.585	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	1335216	32.727	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	528343	21.849	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	822336	31.333	ng/ul	98
42) 2,4,5-Trichlorophenol	12.987	196	933859	32.821	ng/ul	100
43) 1,1'-Biphenyl	13.322	154	3047931	31.340	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	2438860	31.751	ng/ul	99
45) 2-Nitroaniline	13.569	65	708427	34.022	ng/ul	98
47) Dimethylphthalate	13.951	163	3201236	32.404	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	675825	36.209	ng/ul	91
50) Acenaphthylene	14.204	152	3928706	31.619	ng/ul	99
51) 3-Nitroaniline	14.392	138	650876	34.933	ng/ul	99
52) Acenaphthene	14.545	153	2597390	31.617	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	349390	35.320	ng/ul	96
55) 4-Nitrophenol	14.704	109	447956	35.991	ng/ul	94
56) Dibenzofuran	14.881	168	3644004	31.915	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	960666	36.590	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	744532	31.195	ng/ul	95
59) Diethylphthalate	15.310	149	3193363	33.033	ng/ul	99
61) Fluorene	15.528	166	2921620	32.338	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	1568130	33.094	ng/ul	95
63) 4-Nitroaniline	15.557	138	672941	37.912	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	579362	35.824	ng/ul	95
67) N-Nitrosodiphenylamine	15.739	169	2556523	30.582	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	1051088	33.003	ng/ul	95
69) Hexachlorobenzene	16.528	284	1199874	33.743	ng/ul	99
70) Atrazine	16.692	200	303508	12.212	ng/ul	98
71) Pentachlorophenol	16.875	266	643881	30.446	ng/ul	99
72) Phenanthrene	17.275	178	4856084	31.872	ng/ul	100
74) Anthracene	17.363	178	4606934	30.165	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.281	216	1364577	31.283	ng/uL	99
76) Pentachlorobenzene	14.798	250	1382608	32.267	ng/uL	98
77) Carbazole	17.633	167	4297682	35.308	ng/ul	100
78) Di-n-butylphthalate	18.192	149	5462271	33.702	ng/ul	100
80) Fluoranthene	19.239	202	5694842	30.581	ng/ul	97
82) Pyrene	19.592	202	5672691	30.196	ng/ul	96
83) Butylbenzylphthalate	20.469	149	2324440	33.798	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	1543782	31.389	ng/ul	100
85) Benzo(a)anthracene	21.298	228	5282721	32.158	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	3252670	34.409	ng/ul	99
87) Chrysene	21.351	228	4811146	31.803	ng/ul	98
89) Di-n-octyl phthalate	22.145	149	5348094	36.515	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	4851701	32.803	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	4675715	32.673	ng/ul	99
93) Benzo(a)pyrene	23.580	252	4409538	32.628	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.156	276	5307026	32.867	ng/ul	98
95) Dibenzo(a,h)anthracene	26.174	278	4459546	33.200	ng/ul	98
96) Benzo(g,h,i)perylene	26.909	276	4298731	33.080	ng/ul	97

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

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