Quantitation Report (Qedit)

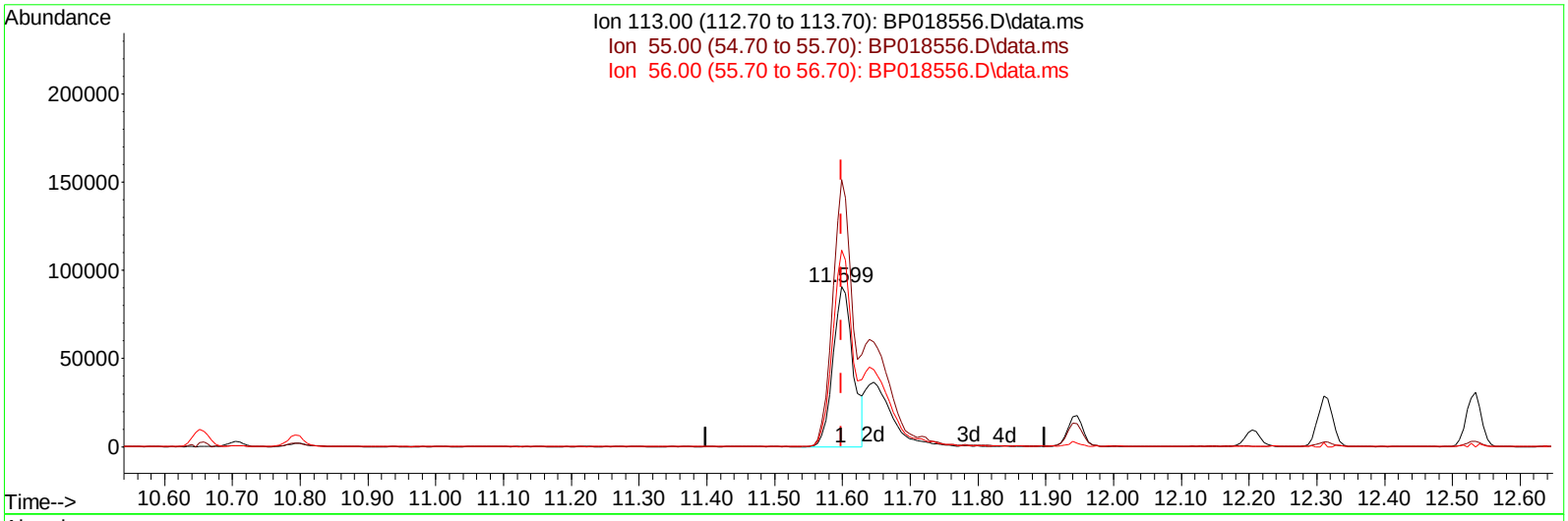
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018556.D
Acq On : 04 Dec 2023 10:22
Operator : MA/JU
Sample : PB157364BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

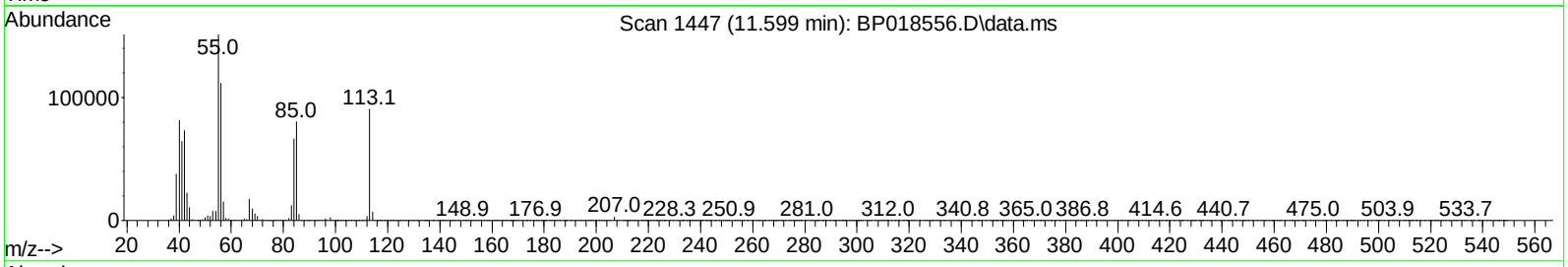
Quant Time: Dec 04 11:12:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 21:56:43 2023
Response via : Initial Calibration

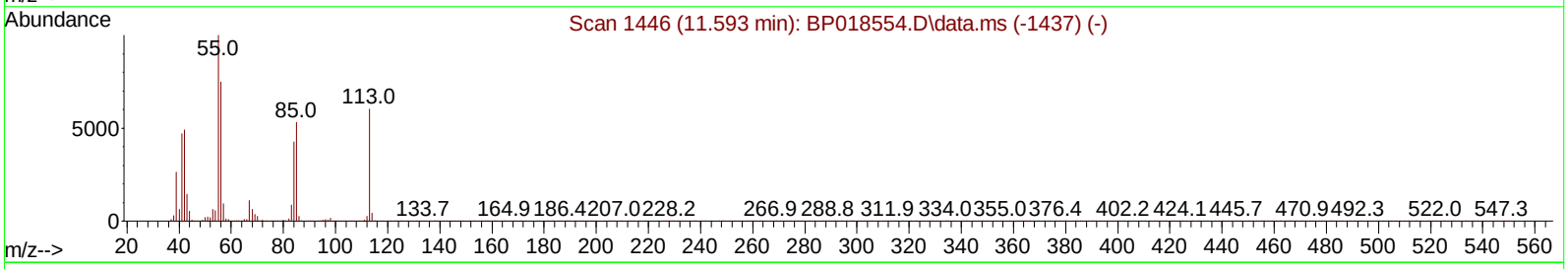
Instrument :
BNA_P
ClientSampleId :
SLCS364

Manual IntegrationsAPPROVED

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







TIC: BP018556.D\data.ms

(34) Caprolactam

11.599min (+ 0.000) 23.06 ng/ul

response 185620

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	166.71
56.00	121.80	123.00
0.00	0.00	0.00

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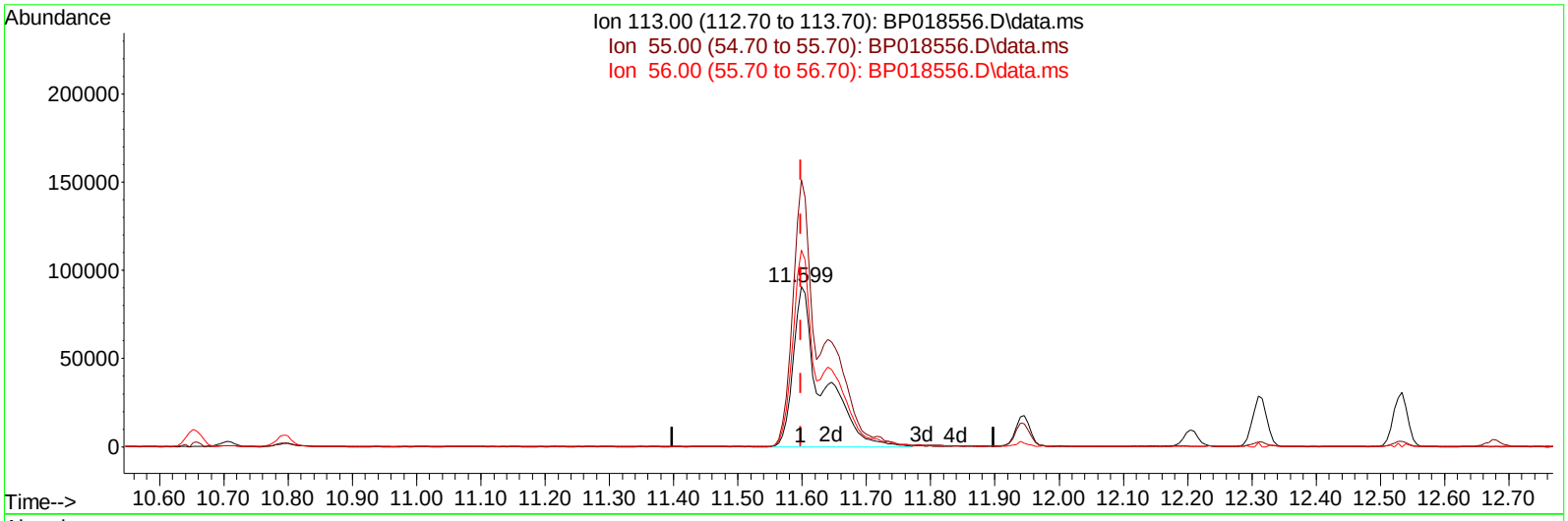

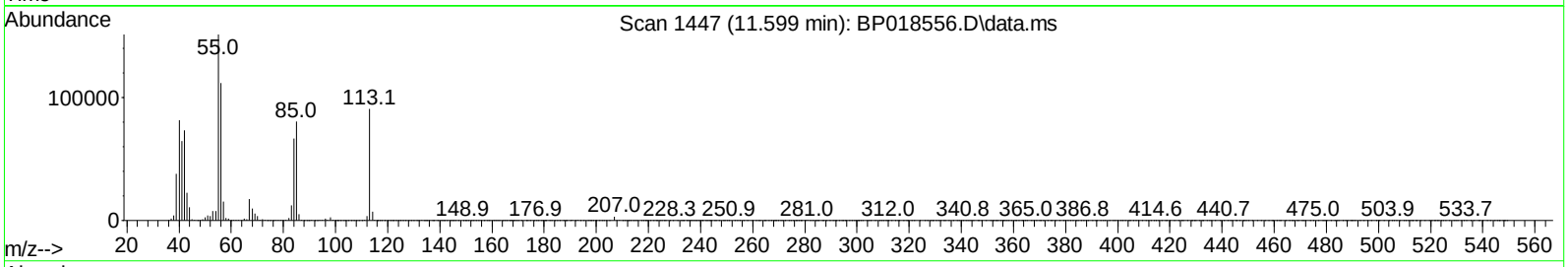

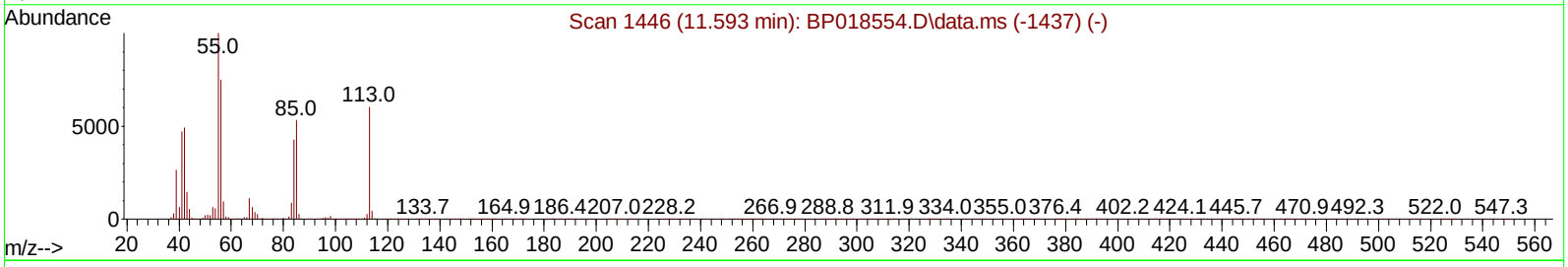

TIC: BP018556.D\data.ms

(34) Caprolactam

11.599min (+ 0.000) 35.53 ng/ul m

response 285959

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	166.71
56.00	121.80	123.00
0.00	0.00	0.00

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Acq On : 04 Dec 2023 10:22
Operator : MA/JU
Sample : PB157364BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 04 21:56:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
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	7.858	152	324542	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.652	136	1444260	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.487	164	952232	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.234	188	2046820	20.000	ng/ul	0.00
79) Chrysene-d12	21.322	240	1578420	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	1399463	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	56617	5.945	ng/uL	0.00
4) Pyridine-d5	3.687	84	781172	30.622	ng/ul	0.00
7) Phenol-d5	7.022	99	1104675	33.918	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.193	67	651580	33.755	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.387	132	804178	31.644	ng/ul	-0.01
15) 4-Methylphenol-d8	8.575	113	860506	32.647	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	407632	31.712	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	418244	31.383	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.275	165	879363	32.269	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.793	131	1046567	29.387	ng/ul	-0.01
46) Dimethylphthalate-d6	13.904	166	2715816	31.955	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	3023577	32.309	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.687	143	462584	33.159	ng/ul	0.00
60) Fluorene-d10	15.481	176	2309505	32.374	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	386896	31.525	ng/ul	0.00
73) Anthracene-d10	17.334	188	3315298	30.810	ng/ul	0.00
81) Pyrene-d10	19.569	212	3855663	31.381	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	2660939	32.610	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	115586	11.067	ng/uL	98
5) Pyridine	3.705	79	816337	31.689	ng/ul	98
6) Benzaldehyde	6.999	77	535429	31.842	ng/ul	97
8) Phenol	7.052	94	1100731	34.463	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.287	93	880331	33.561	ng/ul	98
12) 2-Chlorophenol	7.422	128	808110	31.419	ng/ul	99
13) 2-Methylphenol	8.305	108	799863	32.712	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.387	45	1127376	33.873	ng/ul	98
16) Acetophenone	8.687	105	1346026	34.267	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	679589	31.449	ng/ul	99
18) 4-Methylphenol	8.634	108	899939	33.705	ng/ul	99
19) Hexachloroethane	8.934	117	320854	30.429	ng/ul	99
22) Nitrobenzene	9.063	77	1005040	32.158	ng/ul	99
23) Isophorone	9.593	82	1989324	31.219	ng/ul	99
25) 2-Nitrophenol	9.769	139	459867	32.228	ng/ul	97
26) 2,4-Dimethylphenol	9.834	107	595625	21.343	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	1264449	31.431	ng/ul	100
29) 2,4-Dichlorophenol	10.305	162	846209	32.238	ng/ul	98
30) Naphthalene	10.705	128	2766111	31.571	ng/ul	100
32) 4-Chloroaniline	10.816	127	1001513	29.505	ng/ul	100
33) Hexachlorobutadiene	10.993	225	537995	30.604	ng/ul	100
34) Caprolactam	11.599	113	285959m	35.529	ng/ul	
35) 4-Chloro-3-methylphenol	11.946	107	939259	31.942	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.316	142	1951760	31.445	ng/ul	99
37) 1-Methylnaphthalene	12.534	142	1931513	30.814	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	1105748	32.006	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	449838	21.967	ng/ul	98
41) 2,4,6-Trichlorophenol	12.922	196	667780	30.047	ng/ul	100
42) 2,4,5-Trichlorophenol	12.993	196	761388	31.600	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	2623505	31.856	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	2087625	32.095	ng/ul	99
45) 2-Nitroaniline	13.569	65	593651	33.667	ng/ul	96
47) Dimethylphthalate	13.951	163	2679355	32.027	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	528211	33.419	ng/ul	98
50) Acenaphthylene	14.210	152	3417136	32.477	ng/ul	100
51) 3-Nitroaniline	14.393	138	511563	32.423	ng/ul	98
52) Acenaphthene	14.551	153	2252909	32.384	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	235347	28.095	ng/ul	98
55) 4-Nitrophenol	14.704	109	350429	33.249	ng/ul	98
56) Dibenzofuran	14.887	168	3118650	32.254	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	762055	34.276	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.110	232	589888	29.187	ng/ul	97
59) Diethylphthalate	15.316	149	2639941	32.248	ng/ul	100
61) Fluorene	15.534	166	2505169	32.744	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.534	204	1310407	32.658	ng/ul	95
63) 4-Nitroaniline	15.557	138	515245	34.279	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.616	198	423546	32.279	ng/ul	94
67) N-Nitrosodiphenylamine	15.745	169	2147746	31.666	ng/ul	99
68) 4-Bromophenyl-phenylether	16.428	248	809870	31.341	ng/ul	97
69) Hexachlorobenzene	16.534	284	930373	32.248	ng/ul	98
70) Atrazine	16.698	200	281994	13.985	ng/ul	99
71) Pentachlorophenol	16.881	266	472415	27.533	ng/ul	100
72) Phenanthrene	17.275	178	4034514	32.637	ng/ul	99
74) Anthracene	17.369	178	3860618	31.156	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	1119674	31.637	ng/uL	99
76) Pentachlorobenzene	14.804	250	1112850	32.011	ng/uL	99
77) Carbazole	17.639	167	3542839	35.874	ng/ul	99
78) Di-n-butylphthalate	18.198	149	4358810	33.147	ng/ul	100
80) Fluoranthene	19.245	202	4551656	31.340	ng/ul	99
82) Pyrene	19.598	202	4635715	31.640	ng/ul	98
83) Butylbenzylphthalate	20.475	149	1735395	32.354	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.245	252	1096848	28.596	ng/ul	99
85) Benzo(a)anthracene	21.304	228	4143669	32.343	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	2466830	33.461	ng/ul	99
87) Chrysene	21.357	228	3836500	32.518	ng/ul	99
89) Di-n-octyl phthalate	22.151	149	3771255	36.909	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	3385908	32.814	ng/ul	99
91) Benzo(k)fluoranthene	23.016	252	3457386	34.630	ng/ul	99
93) Benzo(a)pyrene	23.592	252	3100071	32.881	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.163	276	3613503	32.078	ng/ul	98
95) Dibenzo(a,h)anthracene	26.186	278	3038228	32.422	ng/ul	99
96) Benzo(g,h,i)perylene	26.921	276	2930610	32.327	ng/ul	98

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

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