Quantitation Report (Qedit)

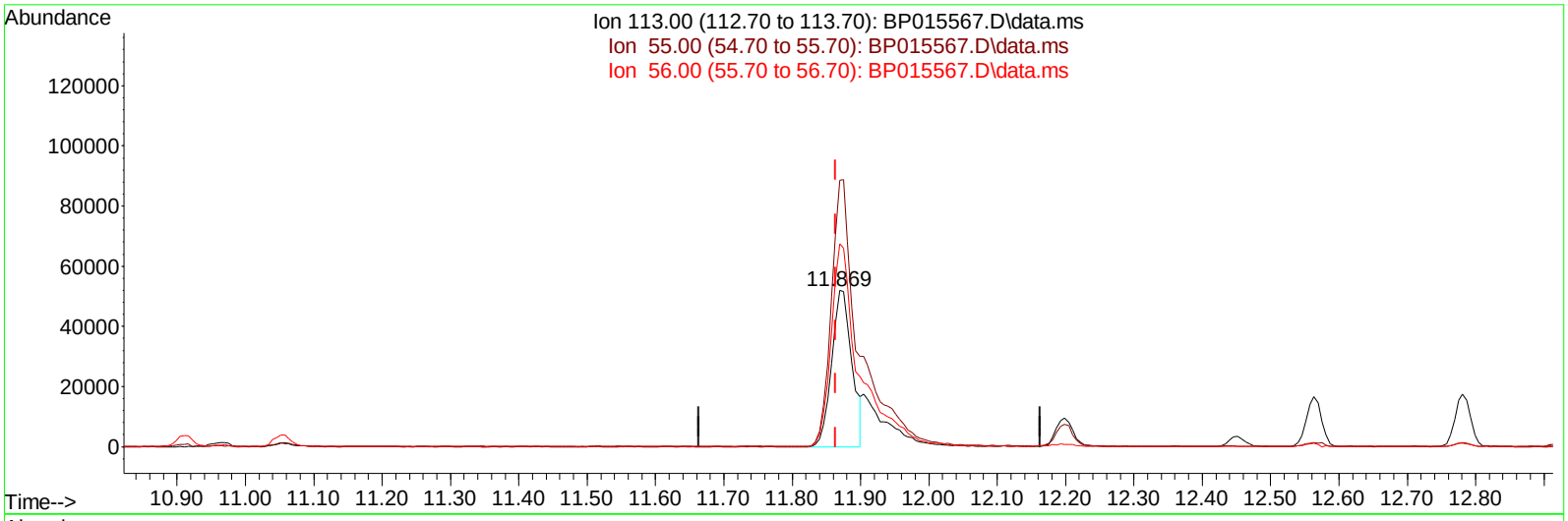
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
Data File : BP015567.D
Acq On : 15 Jun 2023 21:32
Operator : MA/JU
Sample : PB153339BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

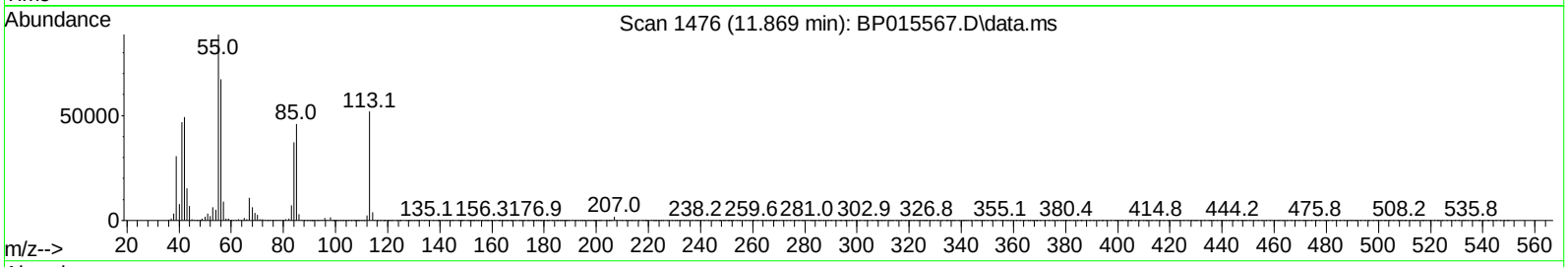
Quant Time: Jun 15 23:29:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

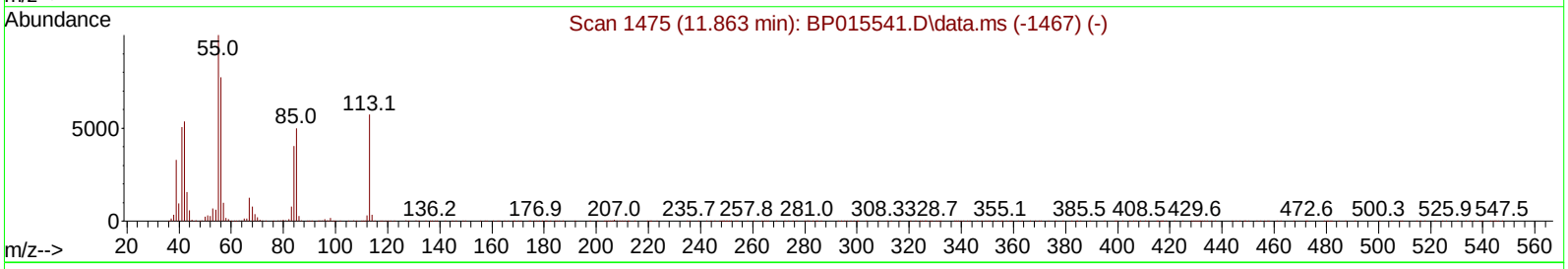
Instrument :
BNA_P
ClientSampleId :
SLCS339

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023







TIC: BP015567.D\data.ms

(34) Caprolactam

11.869min (+ 0.006) 35.95 ng/ul

response 106901

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.90	170.73
56.00	126.40	129.79
0.00	0.00	0.00

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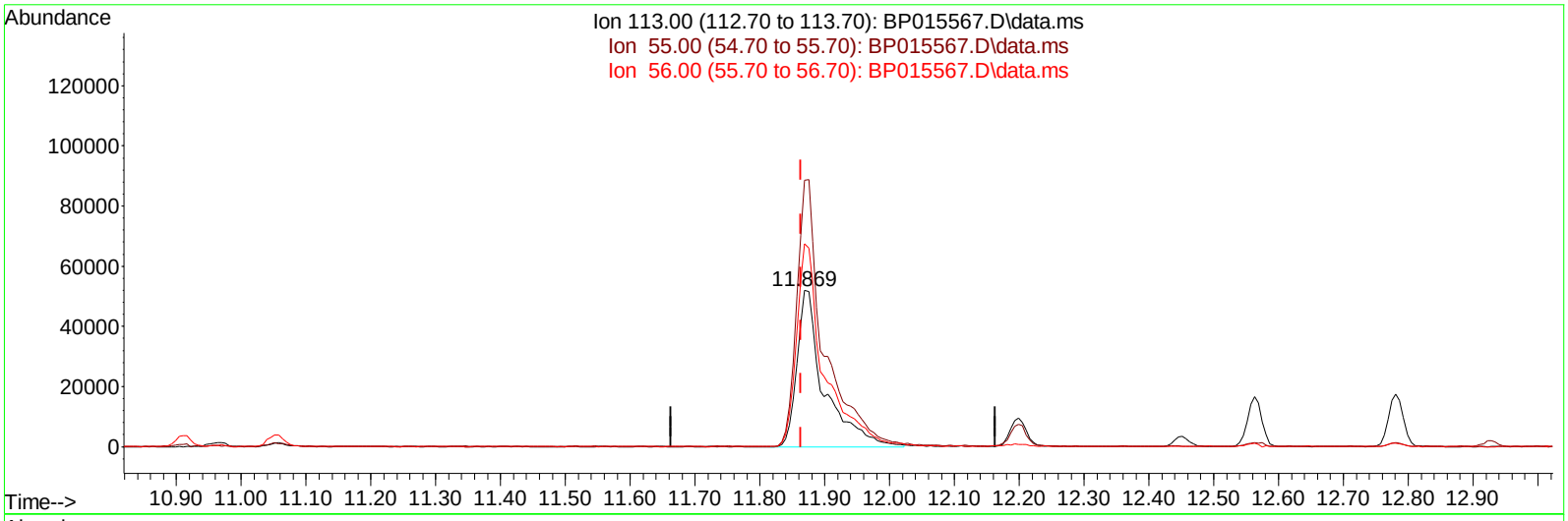

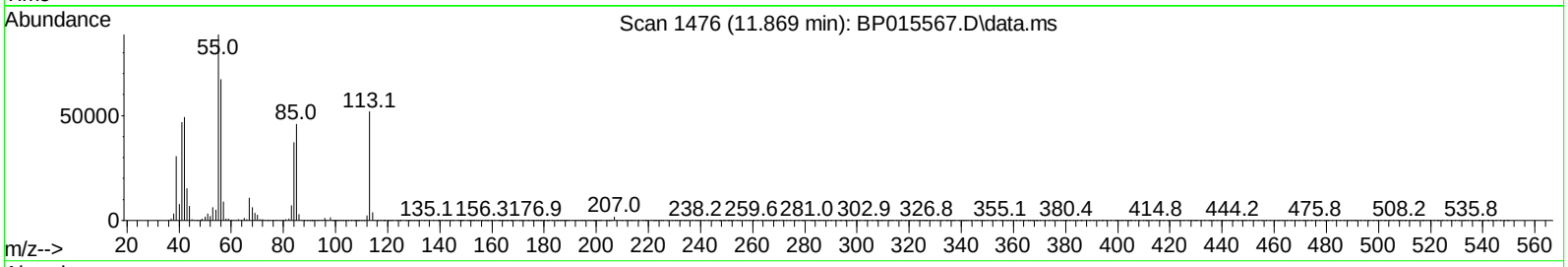

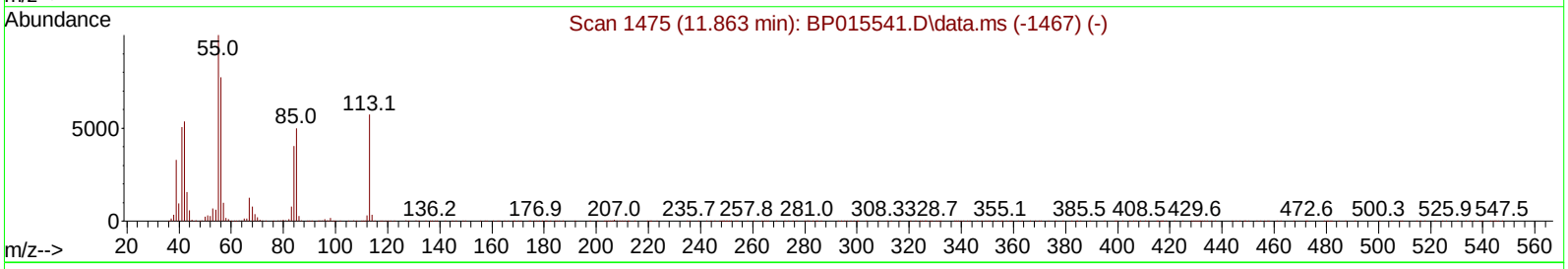

TIC: BP015567.D\data.ms

(34) Caprolactam

11.869min (+ 0.006) 50.25 ng/ul m

response 149424

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.90	170.73
56.00	126.40	129.79
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	102753	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	485727	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	323689	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.487	188	763256	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	733284	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	775291	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	25659	9.247	ng/uL	0.00
4) Pyridine-d5	3.846	84	327880	45.490	ng/ul	0.00
7) Phenol-d5	7.240	99	501129	52.938	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	298975	52.884	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	393075	57.272	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	426411	54.885	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	204646	53.664	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	238584	54.785	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	433084	54.516	ng/ul	0.00
31) 4-Chloroaniline-d4	11.052	131	486797	42.691	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	1387657	54.365	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	1521590	54.517	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	243382	53.246	ng/ul	0.00
60) Fluorene-d10	15.722	176	1142451	53.077	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	255464	52.833	ng/ul	0.00
73) Anthracene-d10	17.587	188	1817181	52.327	ng/ul	0.00
81) Pyrene-d10	19.810	212	2270108	57.842	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	2222990	57.145	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	52665	17.968	ng/uL	92
5) Pyridine	3.864	79	370094	49.528	ng/ul	96
6) Benzaldehyde	7.217	77	272575	75.333	ng/ul	97
8) Phenol	7.269	94	512520	52.480	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.505	93	392588	50.843	ng/ul	99
12) 2-Chlorophenol	7.646	128	385090	53.105	ng/ul	97
13) 2-Methylphenol	8.534	108	388128	51.653	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.622	45	520594	50.877	ng/ul	97
16) Acetophenone	8.922	105	641576	51.746	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.905	70	343202	51.286	ng/ul	97
18) 4-Methylphenol	8.869	108	432131	52.269	ng/ul	98
19) Hexachloroethane	9.169	117	159190	51.950	ng/ul	99
22) Nitrobenzene	9.305	77	521099	51.527	ng/ul	99
23) Isophorone	9.834	82	995149	49.157	ng/ul	99
25) 2-Nitrophenol	10.022	139	245896	52.297	ng/ul	98
26) 2,4-Dimethylphenol	10.081	107	452825	45.413	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.316	93	571892	48.590	ng/ul	99
29) 2,4-Dichlorophenol	10.558	162	416699	52.756	ng/ul	97
30) Naphthalene	10.963	128	1297819	49.308	ng/ul	100
32) 4-Chloroaniline	11.081	127	463566	39.290	ng/ul	98
33) Hexachlorobutadiene	11.240	225	273757	51.393	ng/ul	99
34) Caprolactam	11.869	113	149424m	50.255	ng/ul	
35) 4-Chloro-3-methylphenol	12.199	107	503643	52.627	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.563	142	910062	49.183	ng/ul	99
37) 1-Methylnaphthalene	12.781	142	918879	49.322	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.928	216	528661	52.449	ng/ul	100
40) Hexachlorocyclopentadiene	12.899	237	210378	50.919	ng/ul	99
41) 2,4,6-Trichlorophenol	13.169	196	351071	52.332	ng/ul	98
42) 2,4,5-Trichlorophenol	13.246	196	396528	54.242	ng/ul	97
43) 1,1'-Biphenyl	13.563	154	1263045	50.457	ng/ul	100
44) 2-Chloronaphthalene	13.610	162	997952	50.813	ng/ul	98
45) 2-Nitroaniline	13.822	65	353315	56.210	ng/ul	97
47) Dimethylphthalate	14.187	163	1340934	50.881	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	292802	54.229	ng/ul	99
50) Acenaphthylene	14.457	152	1547743	50.076	ng/ul	100
51) 3-Nitroaniline	14.646	138	281370	63.126	ng/ul	99
52) Acenaphthene	14.793	153	1080435	50.570	ng/ul	100
53) 2,4-Dinitrophenol	14.857	184	162967	50.175	ng/ul	99
55) 4-Nitrophenol	14.951	109	236152	53.561	ng/ul	90
56) Dibenzofuran	15.128	168	1521492	50.245	ng/ul	97
57) 2,4-Dinitrotoluene	15.104	165	427046	53.775	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.357	232	341513	51.740	ng/ul	98
59) Diethylphthalate	15.540	149	1398827	51.789	ng/ul	99
61) Fluorene	15.781	166	1253015	50.760	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	631509	50.760	ng/ul	99
63) 4-Nitroaniline	15.810	138	293611	69.447	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.869	198	245569	49.796	ng/ul	97
67) N-Nitrosodiphenylamine	15.987	169	1087963	50.244	ng/ul	100
68) 4-Bromophenyl-phenylether	16.663	248	422405	51.730	ng/ul	96
69) Hexachlorobenzene	16.787	284	504058	52.331	ng/ul	96
70) Atrazine	16.940	200	235480	27.233	ng/ul	100
71) Pentachlorophenol	17.134	266	288078	52.915	ng/ul	99
72) Phenanthrene	17.528	178	2090224	51.032	ng/ul	100
74) Anthracene	17.622	178	2069650	49.800	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.534	216	536070	50.890	ng/uL	98
76) Pentachlorobenzene	15.046	250	546123	49.516	ng/uL	97
77) Carbazole	17.892	167	1914761	51.169	ng/ul	100
78) Di-n-butylphthalate	18.416	149	2524390	53.170	ng/ul	99
80) Fluoranthene	19.486	202	2628615	54.985	ng/ul	97
82) Pyrene	19.839	202	2695125	54.492	ng/ul	97
83) Butylbenzylphthalate	20.692	149	1265473	57.889	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.475	252	949338	54.799	ng/ul	100
85) Benzo(a)anthracene	21.551	228	2709970	52.865	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1900456	58.817	ng/ul	100
87) Chrysene	21.610	228	2555597	52.743	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	3341049	65.570	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2792480	55.799	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	2641591	54.605	ng/ul	99
93) Benzo(a)pyrene	24.004	252	2323606	53.255	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.810	276	2807976	49.728	ng/ul	98
95) Dibenzo(a,h)anthracene	26.833	278	2315961	50.343	ng/ul	99
96) Benzo(g,h,i)perylene	27.645	276	2291545	49.244	ng/ul	97

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

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