Quantitation Report (Qedit)

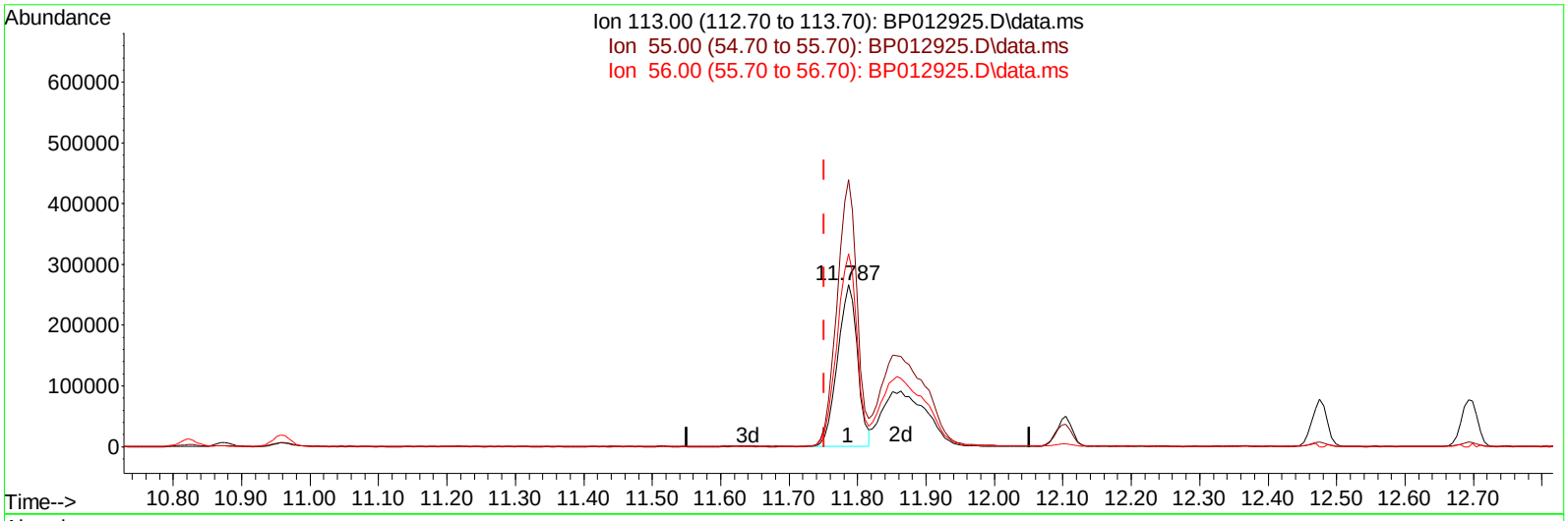
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120122\
Data File : BP012925.D
Acq On : 01 Dec 2022 19:47
Operator : CG/JU
Sample : SSTD08009
Misc :
ALS Vial : 6 Sample Multiplier: 1

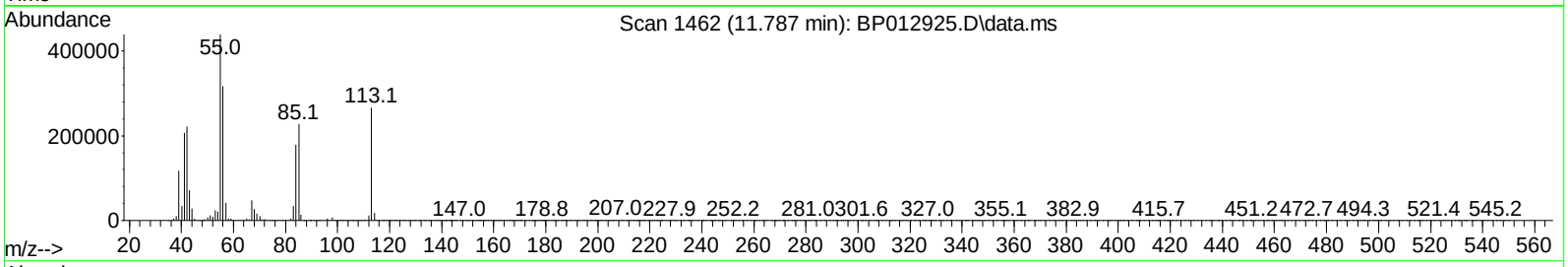
Quant Time: Dec 01 22:58:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 22:54:44 2022
Response via : Initial Calibration

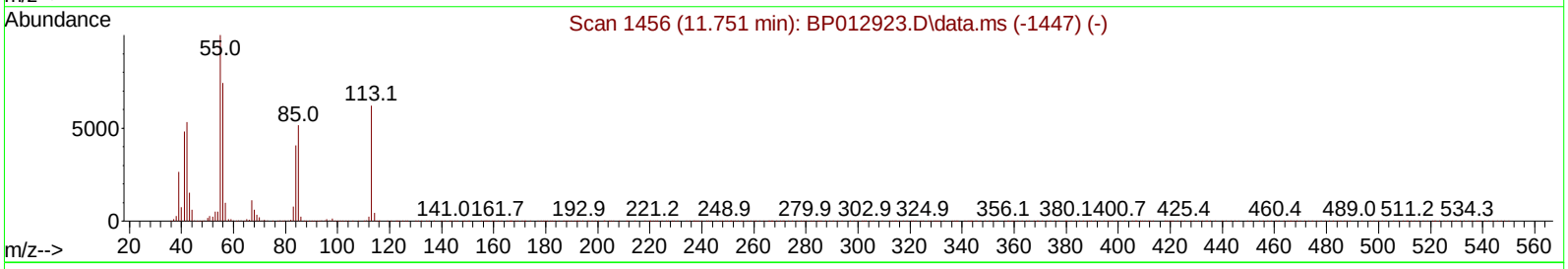
Instrument :
BNA_P
ClientSampleId :
SSTD080628

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022







TIC: BP012925.D\data.ms

(34) Caprolactam

11.787min (+ 0.036) 58.54 ng/ul

response 538212

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.20	164.80
56.00	120.90	119.28
0.00	0.00	0.00

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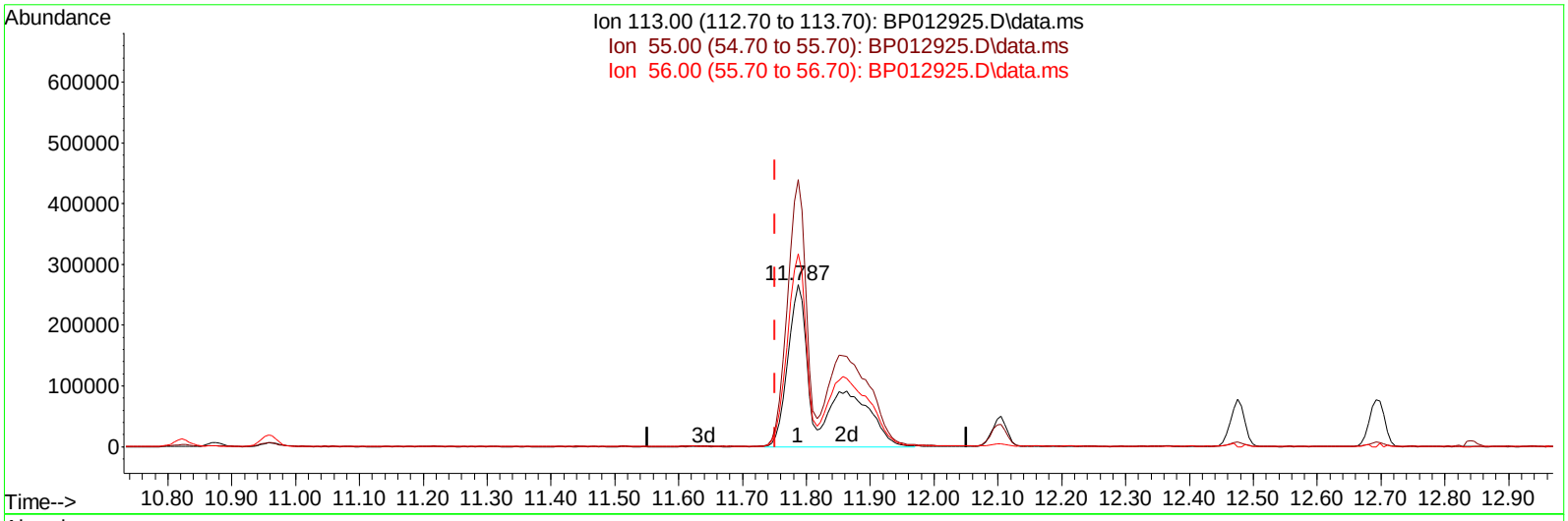

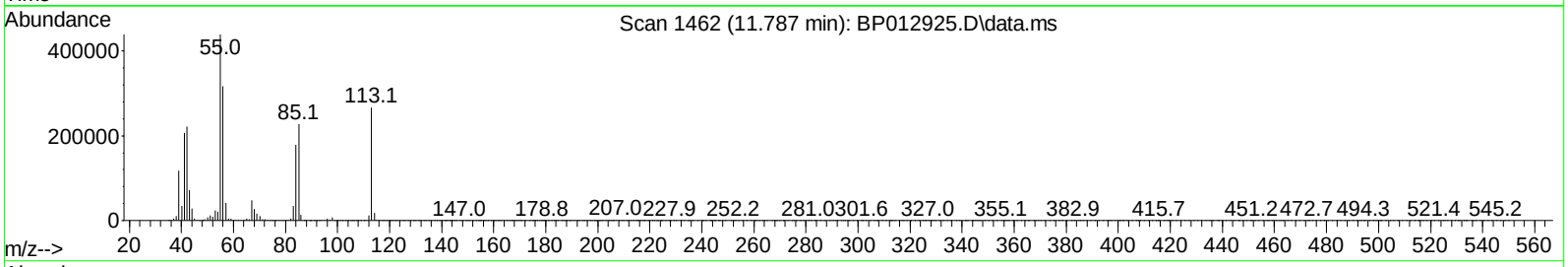

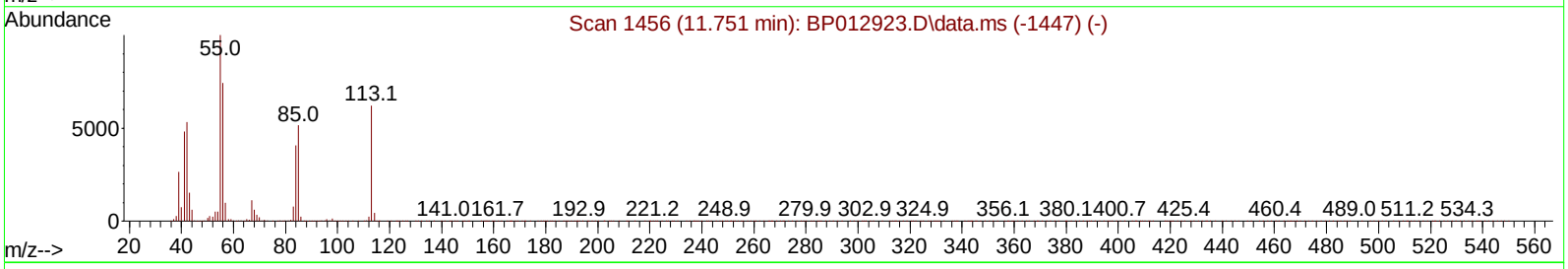

TIC: BP012925.D\data.ms

(34) Caprolactam

11.787min (+ 0.036) 103.85 ng/ul m

response 954870

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.20	164.80
56.00	120.90	119.28
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	8.005	152	394816	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1906075	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1336992	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	3060701	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	3191970	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	3635070	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	272327	29.557	ng/uL	0.00
4) Pyridine-d5	3.811	84	2323565	84.271	ng/ul	0.00
7) Phenol-d5	7.164	99	2961638	91.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	1613911	80.731	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	2218764	89.752	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	2413653	92.337	ng/ul	0.01
21) Nitrobenzene-d5	9.175	128	1189400	101.952	ng/ul	0.00
24) 2-Nitrophenol-d4	9.905	143	1398922	112.931	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	2581524	89.316	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	3460326	87.427	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	7585054	82.421	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	8585839	79.959	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	1622525	98.891	ng/ul	0.02
60) Fluorene-d10	15.640	176	6546078	81.222	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	1586348	108.441	ng/ul	0.01
73) Anthracene-d10	17.504	188	10436816	77.465	ng/ul	0.00
81) Pyrene-d10	19.728	212	12307327	66.357	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	14527428	81.363	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.423	88	286236	28.927	ng/uL#	93
5) Pyridine	3.834	79	2243052	83.140	ng/ul	99
6) Benzaldehyde	7.140	77	1409379	88.972	ng/ul	99
8) Phenol	7.193	94	3074691	90.382	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	2290257	82.168	ng/ul	98
12) 2-Chlorophenol	7.569	128	2358628	87.710	ng/ul	99
13) 2-Methylphenol	8.452	108	2407806	91.068	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.540	45	3180761	79.115	ng/ul	100
16) Acetophenone	8.840	105	3586752	86.574	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.834	70	1788088	87.612	ng/ul	96
18) 4-Methylphenol	8.787	108	2644832	90.830	ng/ul	96
19) Hexachloroethane	9.099	117	849084	82.337	ng/ul	95
22) Nitrobenzene	9.222	77	2694068	88.049	ng/ul	96
23) Isophorone	9.758	82	5592424	82.908	ng/ul	98
25) 2-Nitrophenol	9.934	139	1522753	102.411	ng/ul	94
26) 2,4-Dimethylphenol	9.987	107	2740054	82.931	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	3291758	79.597	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	2591265	86.543	ng/ul	98
30) Naphthalene	10.875	128	7773915	77.888	ng/ul	99
32) 4-Chloroaniline	10.987	127	3535616	86.980	ng/ul	99
33) Hexachlorobutadiene	11.157	225	1592833	79.869	ng/ul	98
34) Caprolactam	11.787	113	954870m	103.855	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	2762654	91.116	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.475	142	5616875	81.723	ng/ul	99
37) 1-Methylnaphthalene	12.693	142	5613140	81.488	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.840	216	3352018	78.623	ng/ul	98
40) Hexachlorocyclopentadiene	12.822	237	1796717	87.461	ng/ul	100
41) 2,4,6-Trichlorophenol	13.075	196	2339379	87.695	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	2548368	88.864	ng/ul	99
43) 1,1'-Biphenyl	13.481	154	7270959	74.653	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	5963217	76.533	ng/ul	99
45) 2-Nitroaniline	13.728	65	1769426	116.067	ng/ul	95
47) Dimethylphthalate	14.104	163	7798326	80.839	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	1744664	115.564	ng/ul	96
50) Acenaphthylene	14.369	152	9087883	77.401	ng/ul	99
51) 3-Nitroaniline	14.551	138	1772794	101.393	ng/ul	95
52) Acenaphthene	14.710	153	6322201	76.483	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	1222283	125.993	ng/ul	96
55) 4-Nitrophenol	14.857	109	1102028	92.450	ng/ul	96
56) Dibenzofuran	15.045	168	8883524	77.968	ng/ul	99
57) 2,4-Dinitrotoluene	15.010	165	2498713	112.157	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.269	232	2320340	93.876	ng/ul	96
59) Diethylphthalate	15.463	149	7691856	82.372	ng/ul	98
61) Fluorene	15.698	166	6895518	75.466	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	3693542	77.909	ng/ul	99
63) 4-Nitroaniline	15.722	138	1670739	112.115	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.775	198	1650576	105.117	ng/ul#	96
67) N-Nitrosodiphenylamine	15.898	169	6471637	74.399	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	2628511	87.257	ng/ul	99
69) Hexachlorobenzene	16.698	284	3091529	80.520	ng/ul	99
70) Atrazine	16.857	200	2484867	83.260	ng/ul	98
71) Pentachlorophenol	17.045	266	2085268	88.441	ng/ul	99
72) Phenanthrene	17.445	178	12084521	74.082	ng/ul	99
74) Anthracene	17.539	178	12036594	74.585	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.446	216	3443774	72.780	ng/uL	99
76) Pentachlorobenzene	14.963	250	3691609	75.052	ng/uL	98
77) Carbazole	17.804	167	11360788	83.216	ng/ul	99
78) Di-n-butylphthalate	18.339	149	12025157	74.406	ng/ul#	94
80) Fluoranthene	19.398	202	13435799	58.240	ng/ul#	93
82) Pyrene	19.751	202	13345379	55.931	ng/ul	94
83) Butylbenzylphthalate	20.616	149	6379071	114.248	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.398	252	5840587	99.640	ng/ul	98
85) Benzo(a)anthracene	21.463	228	14665511	66.428	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.375	149	8840888	103.536	ng/ul#	97
87) Chrysene	21.522	228	13601779	63.720	ng/ul	93
89) Di-n-octyl phthalate	22.333	149	14546208	70.074	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	18429573	68.465	ng/ul	98
91) Benzo(k)fluoranthene	23.280	252	16234567	60.420	ng/ul	96
93) Benzo(a)pyrene	23.892	252	16032819	72.432	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	20206906	94.622	ng/ul	98
95) Dibenzo(a,h)anthracene	26.662	278	17718268	91.437	ng/ul	98
96) Benzo(g,h,i)perylene	27.457	276	17842806	97.139	ng/ul	98

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

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