Quantitation Report (Qedit)

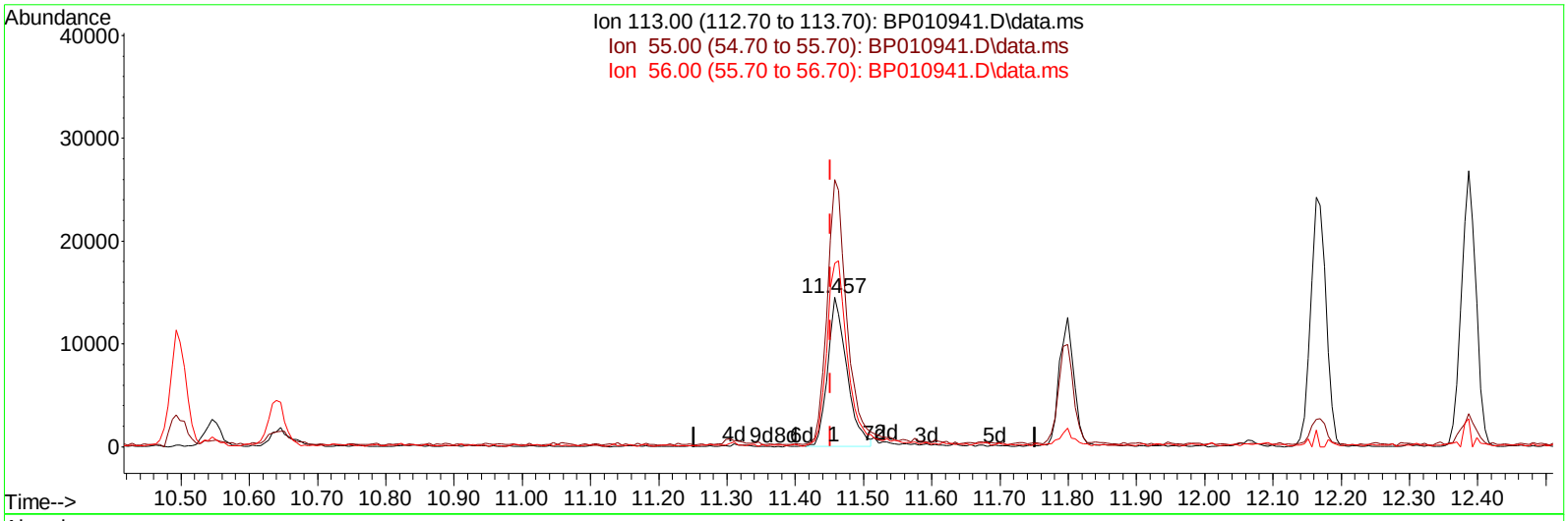
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070722\
Data File : BP010941.D
Acq On : 07 Jul 2022 15:42
Operator : CG/JU
Sample : N3577-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

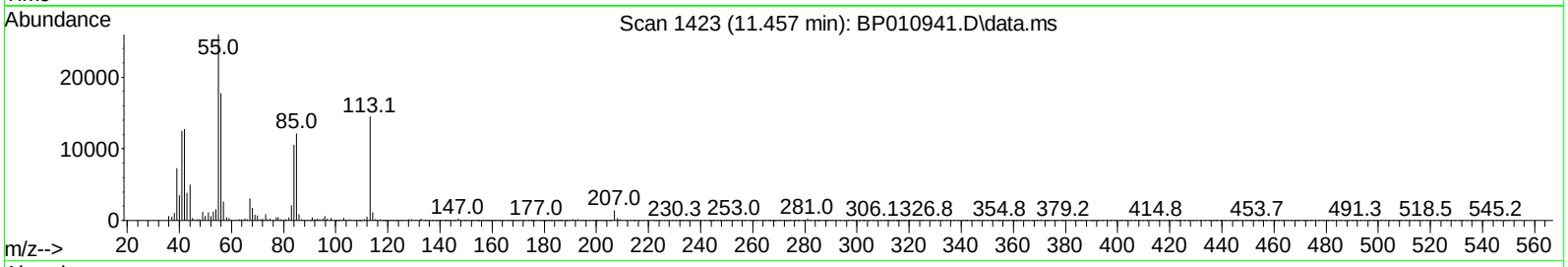
Quant Time: Jul 08 00:59:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 23:13:53 2022
Response via : Initial Calibration

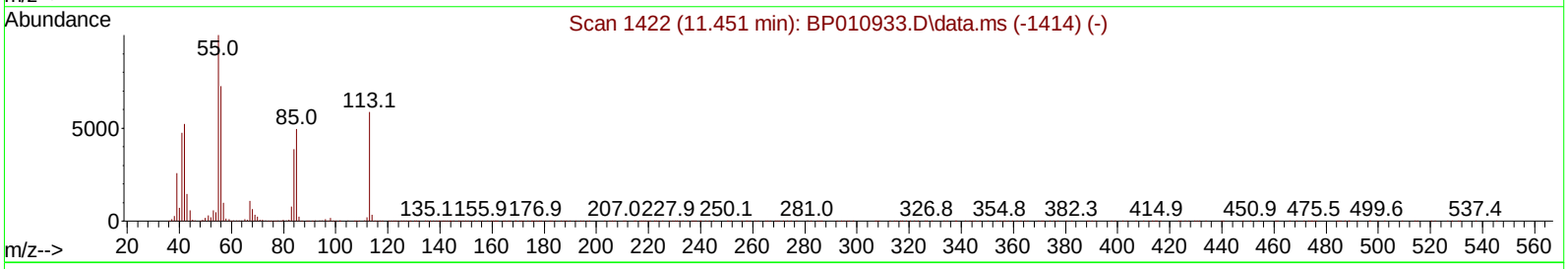
Instrument :
BNA_P
ClientSampleId :
YB324MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/08/2022
Supervised By :mohammad ahmed 07/11/2022







TIC: BP010941.D\data.ms

(34) Caprolactam

11.457min (+ 0.006) 4.30 ng/ul

response 28199

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	178.89
56.00	137.80	122.77
0.00	0.00	0.00

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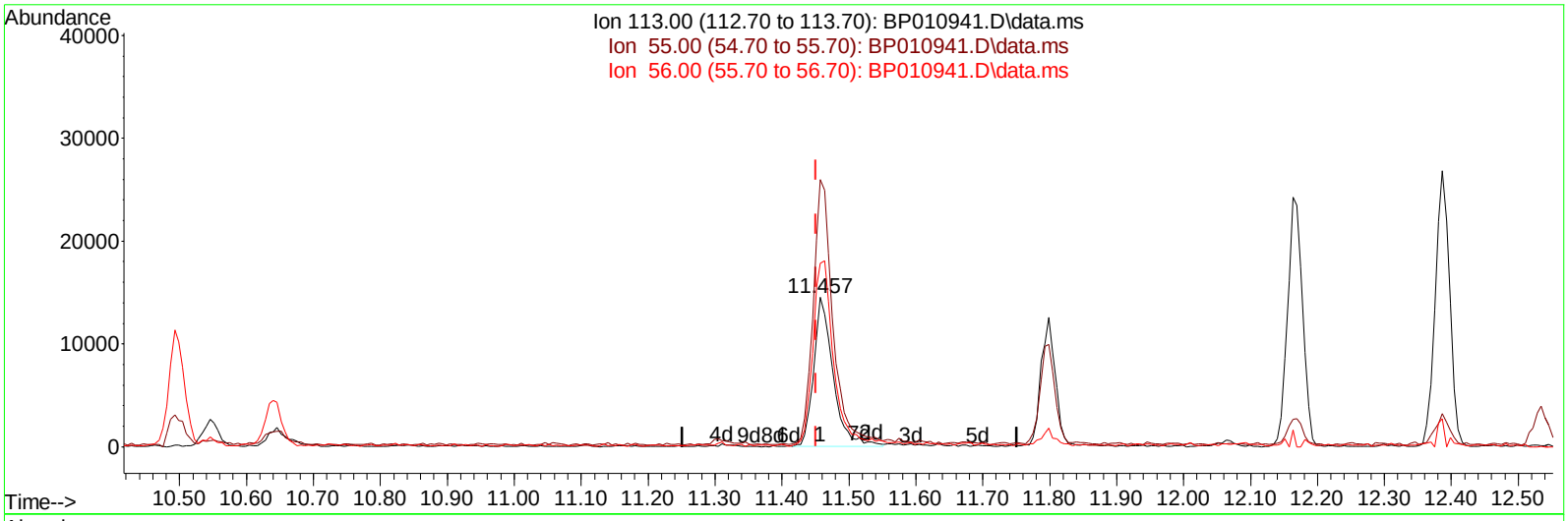

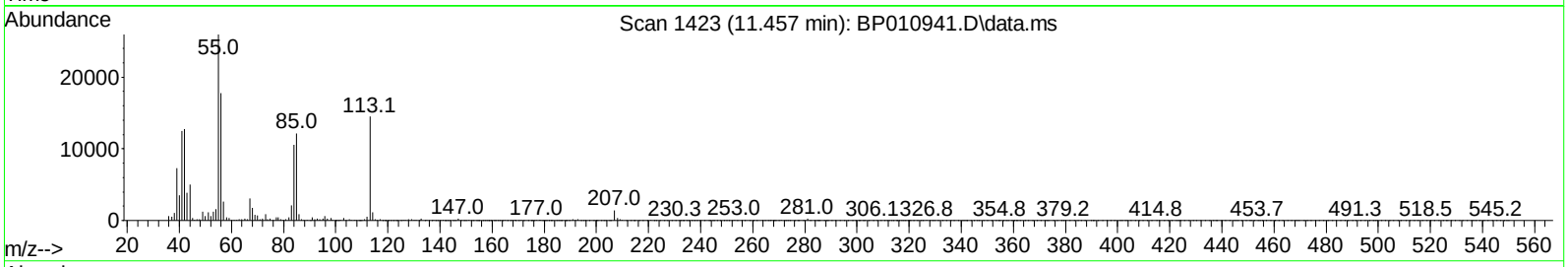

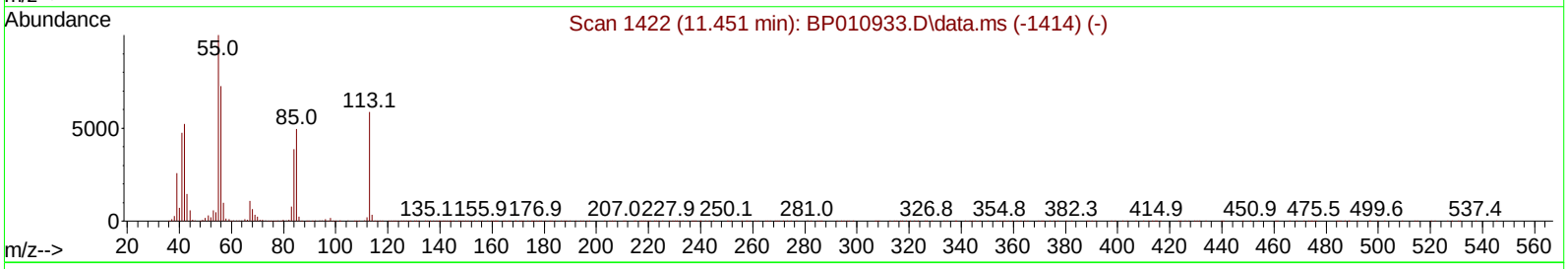

TIC: BP010941.D\data.ms

(34) Caprolactam

11.457min (+ 0.006) 4.46 ng/ul m

response 29286

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	178.89
56.00	137.80	122.77
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	7.705	152	394512	20.000	ng/ul		0.00
20) Naphthalene-d8	10.499	136	1544418	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.357	164	841125	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.122	188	1655174	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.239	240	1633910	20.000	ng/ul	#	0.00
88) Perylene-d12	23.598	264	1693431	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.205	96	52675	5.051	ng/uL		0.00
4) Pyridine-d5	3.611	84	322760	11.626	ng/ul		0.00
7) Phenol-d5	6.881	99	211817	6.783	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	668931	32.752	ng/ul		0.00
11) 2-Chlorophenol-d4	7.234	132	659769	25.464	ng/ul		0.00
15) 4-Methylphenol-d8	8.422	113	398486	16.141	ng/ul		0.00
21) Nitrobenzene-d5	8.863	128	399136	40.597	ng/ul		0.00
24) 2-Nitrophenol-d4	9.587	143	357552	43.958	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.122	165	638524	31.770	ng/ul		0.00
31) 4-Chloroaniline-d4	10.640	131	718244	21.893	ng/ul		0.00
46) Dimethylphthalate-d6	13.781	166	2244018	38.947	ng/ul		0.00
49) Acenaphthylene-d8	14.051	160	2580303	35.089	ng/ul		0.00
54) 4-Nitrophenol-d4	14.569	143	80305	8.923	ng/ul		0.00
60) Fluorene-d10	15.357	176	1880895	38.040	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	291089	53.082	ng/ul		0.00
73) Anthracene-d10	17.222	188	2954561	40.121	ng/ul		0.00
81) Pyrene-d10	19.475	212	3411447	38.324	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.445	264	3497787	41.799	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	56527	5.083	ng/uL#		92
5) Pyridine	3.628	79	335868	11.943	ng/ul#		77
6) Benzaldehyde	6.852	77	682184	41.400	ng/ul		95
8) Phenol	6.905	94	231377	6.927	ng/ul#		85
10) Bis(2-Chloroethyl)ether	7.140	93	858434	32.000	ng/ul		89
12) 2-Chlorophenol	7.269	128	666731	24.928	ng/ul		92
13) 2-Methylphenol	8.152	108	453562	18.240	ng/ul		100
14) 2,2'-oxybis(1-Chloropr...	8.240	45	1157536	32.160	ng/ul#		97
16) Acetophenone	8.528	105	1233327	32.530	ng/ul#		89
17) N-Nitroso-di-n-propyla...	8.516	70	589787	30.764	ng/ul		91
18) 4-Methylphenol	8.481	108	422559	16.317	ng/ul		99
19) Hexachloroethane	8.775	117	293942	27.138	ng/ul#		82
22) Nitrobenzene	8.905	77	916176	37.341	ng/ul		92
23) Isophorone	9.434	82	1622699	31.538	ng/ul		98
25) 2-Nitrophenol	9.616	139	399632	40.571	ng/ul#		81
26) 2,4-Dimethylphenol	9.681	107	663674	24.661	ng/ul		94
27) Bis(2-Chloroethoxy)met...	9.922	93	1074602	33.107	ng/ul		97
29) 2,4-Dichlorophenol	10.146	162	631055	30.217	ng/ul		99
30) Naphthalene	10.546	128	2514329	31.236	ng/ul		100
32) 4-Chloroaniline	10.663	127	975432	30.009	ng/ul		98
33) Hexachlorobutadiene	10.834	225	359124	26.916	ng/ul		97
34) Caprolactam	11.457	113	29286m	4.464	ng/ul		
35) 4-Chloro-3-methylphenol	11.799	107	631937	27.919	ng/ul		93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.169	142	1629844	31.269	ng/ul	98
37) 1-Methylnaphthalene	12.387	142	1639892	31.669	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	761814	31.518	ng/ul	98
40) Hexachlorocyclopentadiene	12.516	237	375499	24.516	ng/ul	96
41) 2,4,6-Trichlorophenol	12.781	196	493569	35.418	ng/ul	98
42) 2,4,5-Trichlorophenol	12.852	196	548935	36.708	ng/ul	99
43) 1,1'-Biphenyl	13.187	154	2143253	32.368	ng/ul#	98
44) 2-Chloronaphthalene	13.228	162	1658076	33.241	ng/ul	99
45) 2-Nitroaniline	13.440	65	505213	47.737	ng/ul#	81
47) Dimethylphthalate	13.828	163	2194551	38.033	ng/ul	99
48) 2,6-Dinitrotoluene	13.946	165	418655	48.424	ng/ul	92
50) Acenaphthylene	14.081	152	2657868	33.002	ng/ul	98
51) 3-Nitroaniline	14.275	138	462333	44.606	ng/ul	87
52) Acenaphthene	14.422	153	1847594	35.554	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	154712	46.613	ng/ul	86
55) 4-Nitrophenol	14.587	109	64400	9.000	ng/ul#	72
56) Dibenzofuran	14.763	168	2533515	35.593	ng/ul	95
57) 2,4-Dinitrotoluene	14.734	165	617890	53.486	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.987	232	457576	42.729	ng/ul#	87
59) Diethylphthalate	15.198	149	2321849	40.475	ng/ul	98
61) Fluorene	15.410	166	2097784	36.961	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	965927	36.355	ng/ul	95
63) 4-Nitroaniline	15.445	138	506392	52.842	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.493	198	297006	50.121	ng/ul	100
67) N-Nitrosodiphenylamine	15.628	169	1834258	36.589	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	610718	36.817	ng/ul	97
69) Hexachlorobenzene	16.416	284	699705	36.418	ng/ul	96
70) Atrazine	16.598	200	658577	39.623	ng/ul	98
71) Pentachlorophenol	16.769	266	362871	36.679	ng/ul	97
72) Phenanthrene	17.163	178	3457783	39.229	ng/ul	99
74) Anthracene	17.257	178	3475178	39.201	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.146	216	804112	29.440	ng/uL	96
76) Pentachlorobenzene	14.675	250	790272	33.736	ng/uL	99
77) Carbazole	17.534	167	3311526	41.498	ng/ul	99
78) Di-n-butylphthalate	18.104	149	4048245	42.572	ng/ul	99
80) Fluoranthene	19.145	202	4017472	36.696	ng/ul#	87
82) Pyrene	19.504	202	4119142	37.256	ng/ul#	86
83) Butylbenzylphthalate	20.392	149	1848255	47.493	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.163	252	1307399	38.750	ng/ul#	98
85) Benzo(a)anthracene	21.222	228	4045925	39.593	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.163	149	2818526	45.736	ng/ul#	97
87) Chrysene	21.275	228	3823954	39.051	ng/ul	99
89) Di-n-octyl phthalate	22.080	149	4713775	46.895	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	4234446	40.209	ng/ul#	96
91) Benzo(k)fluoranthene	22.927	252	4234943	42.307	ng/ul#	95
93) Benzo(a)pyrene	23.492	252	3763844	36.741	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.039	276	5028743	40.681	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.063	278	4188117	39.498	ng/ul#	93
96) Benzo(g,h,i)perylene	26.786	276	4134026	39.315	ng/ul#	87

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

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