Quantitation Report (Qedit)

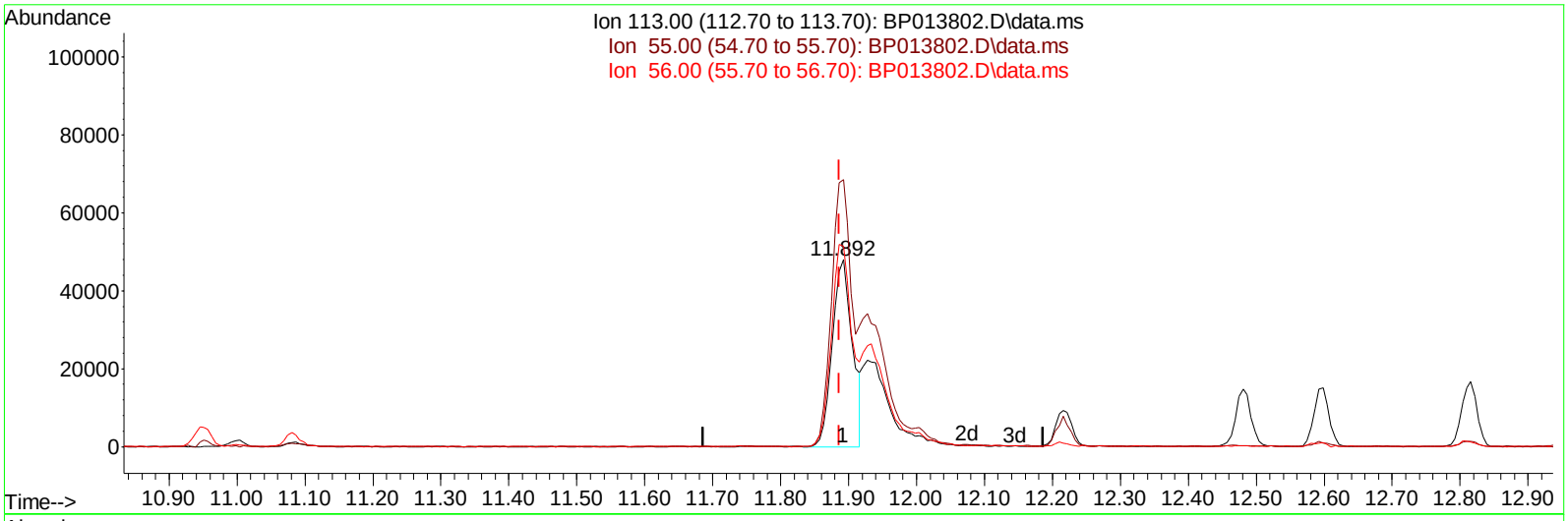
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020823\
Data File : BP013802.D
Acq On : 08 Feb 2023 18:05
Operator : CG/JU
Sample : PB150697BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

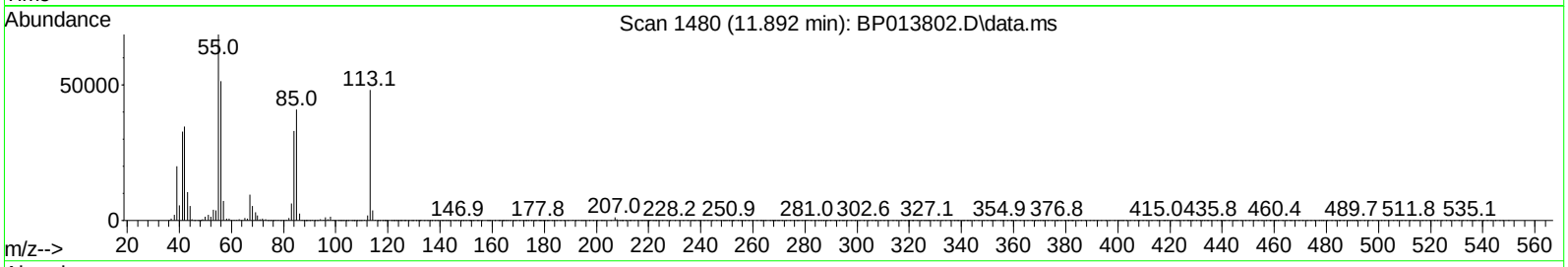
Quant Time: Feb 08 23:57:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 08 00:37:14 2023
Response via : Initial Calibration

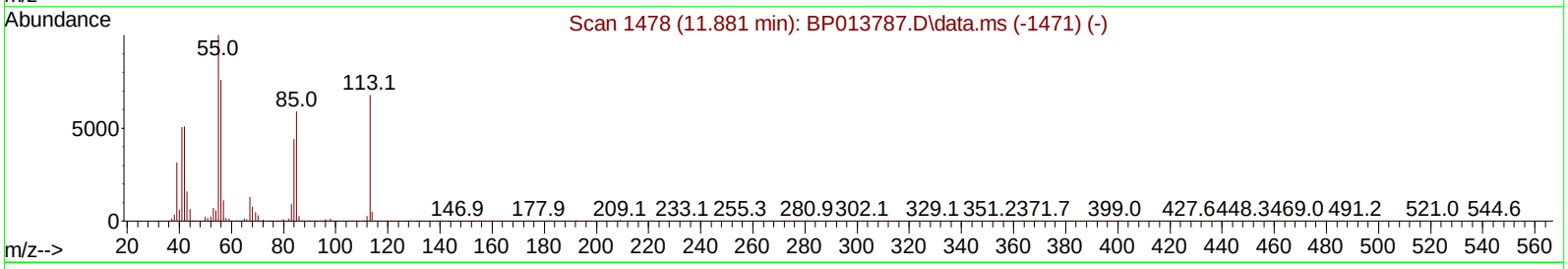
Instrument :
BNA_P
ClientSampleId :
SLCS697

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/09/2023
Supervised By :Sohil Jodhani 02/09/2023







TIC: BP013802.D\data.ms

(34) Caprolactam

11.892min (+ 0.006) 21.57 ng/ul

response 98898

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.10	142.66
56.00	117.30	107.07
0.00	0.00	0.00

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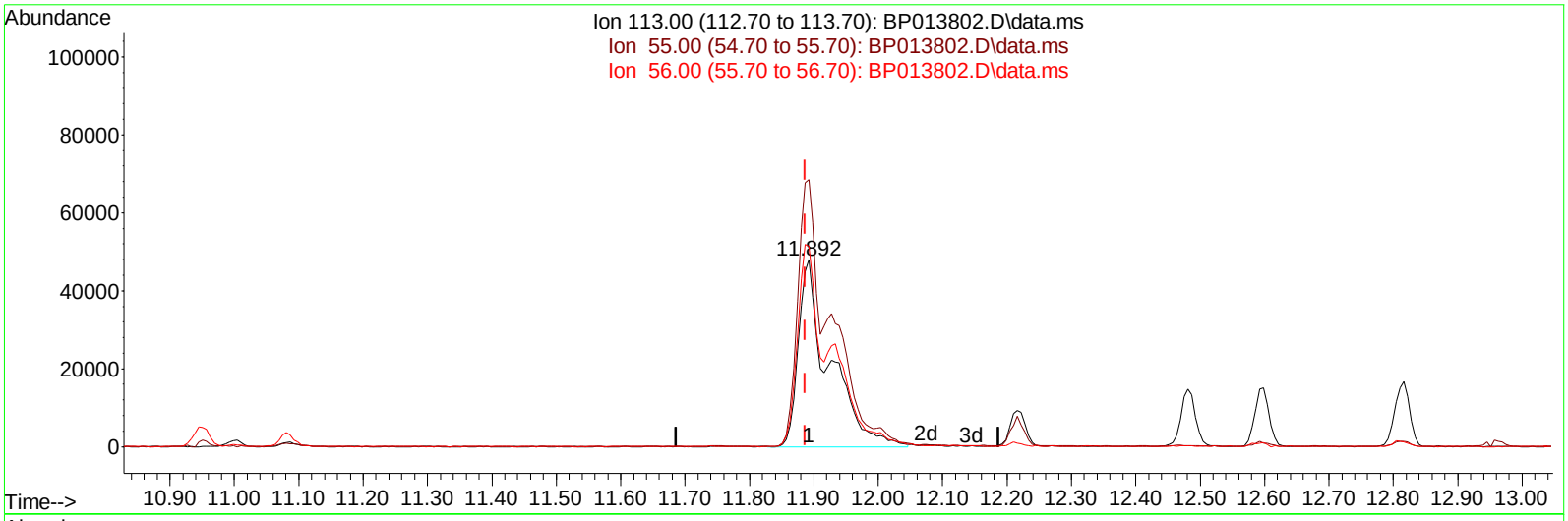

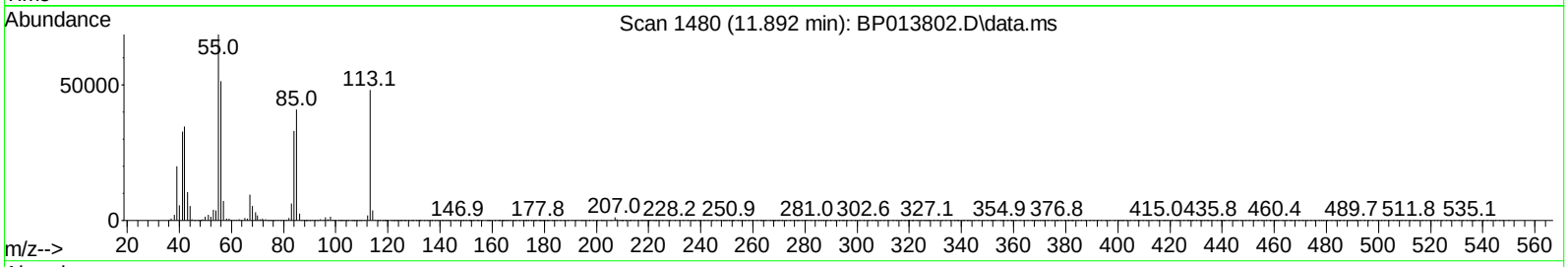

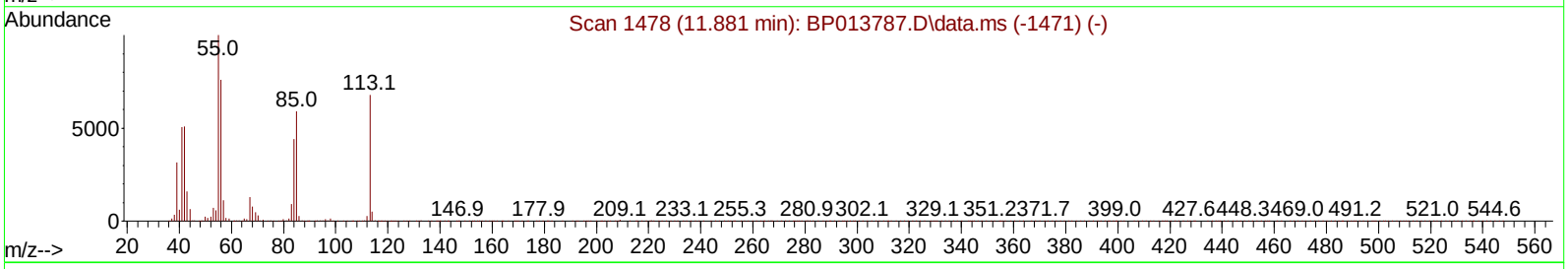

TIC: BP013802.D\data.ms

(34) Caprolactam

11.892min (+ 0.006) 35.16 ng/ul m

response 161198

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.10	142.66
56.00	117.30	107.07
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	8.122	152	185004	20.000	ng/ul	0.00
20) Naphthalene-d8	10.951	136	810647	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.757	164	558710	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	1416352	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1317972	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1192508	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.469	96	25879	5.798	ng/uL	0.00
4) Pyridine-d5	3.899	84	358202	27.069	ng/ul	0.00
7) Phenol-d5	7.269	99	496201	30.103	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	282827	29.280	ng/ul	0.00
11) 2-Chlorophenol-d4	7.651	132	374436	30.858	ng/ul	0.00
15) 4-Methylphenol-d8	8.828	113	421982	31.321	ng/ul	0.00
21) Nitrobenzene-d5	9.298	128	192800	34.183	ng/ul	0.00
24) 2-Nitrophenol-d4	10.022	143	218332	33.526	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	427132	32.185	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	492809	26.197	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	1402251	31.865	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	1556828	32.683	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	259077	33.047	ng/ul	0.00
60) Fluorene-d10	15.751	176	1205964	32.174	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	250957	28.881	ng/ul	0.00
73) Anthracene-d10	17.610	188	2060360	31.813	ng/ul	0.00
81) Pyrene-d10	19.827	212	2431531	32.533	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	2016439	33.746	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	52524	10.962	ng/uL	93
5) Pyridine	3.922	79	362024	27.683	ng/ul	98
6) Benzaldehyde	7.251	77	288152	38.764	ng/ul	98
8) Phenol	7.298	94	519006	30.673	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.534	93	403033	29.725	ng/ul	98
12) 2-Chlorophenol	7.681	128	389388	31.276	ng/ul	99
13) 2-Methylphenol	8.563	108	408028	31.593	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.645	45	480144	31.132	ng/ul	98
16) Acetophenone	8.951	105	678178	31.388	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.940	70	340198	31.706	ng/ul	98
18) 4-Methylphenol	8.893	108	465443	32.642	ng/ul	98
19) Hexachloroethane	9.216	117	162834	31.939	ng/ul	99
22) Nitrobenzene	9.340	77	500950	33.759	ng/ul	100
23) Isophorone	9.869	82	1010639	32.282	ng/ul	99
25) 2-Nitrophenol	10.057	139	244510	34.641	ng/ul	100
26) 2,4-Dimethylphenol	10.104	107	483246	30.749	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.345	93	609037	32.214	ng/ul	98
29) 2,4-Dichlorophenol	10.592	162	425698	32.583	ng/ul	99
30) Naphthalene	10.998	128	1354281	31.383	ng/ul	100
32) 4-Chloroaniline	11.104	127	493393	26.017	ng/ul	99
33) Hexachlorobutadiene	11.281	225	284224	30.882	ng/ul	97
34) Caprolactam	11.892	113	161198m	35.161	ng/ul	
35) 4-Chloro-3-methylphenol	12.216	107	506992	33.612	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.598	142	927413	30.567	ng/ul	98
37)	1-Methylnaphthalene	12.816	142	958004	30.560	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.957	216	557354	31.657	ng/ul	99
40)	Hexachlorocyclopentadiene	12.939	237	306376	27.101	ng/ul	100
41)	2,4,6-Trichlorophenol	13.198	196	403328	34.909	ng/ul	97
42)	2,4,5-Trichlorophenol	13.269	196	432700	34.599	ng/ul	99
43)	1,1'-Biphenyl	13.592	154	1351852	32.246	ng/ul	99
44)	2-Chloronaphthalene	13.639	162	1060060	32.142	ng/ul	99
45)	2-Nitroaniline	13.839	65	301430	37.946	ng/ul	97
47)	Dimethylphthalate	14.210	163	1413650	32.389	ng/ul	99
48)	2,6-Dinitrotoluene	14.333	165	285162	37.395	ng/ul	97
50)	Acenaphthylene	14.486	152	1665627	32.413	ng/ul	100
51)	3-Nitroaniline	14.663	138	261335	34.664	ng/ul	99
52)	Acenaphthene	14.822	153	1134636	31.546	ng/ul	99
53)	2,4-Dinitrophenol	14.863	184	138873	25.538	ng/ul	95
55)	4-Nitrophenol	14.963	109	228751	33.254	ng/ul	97
56)	Dibenzofuran	15.157	168	1672643	32.437	ng/ul	100
57)	2,4-Dinitrotoluene	15.116	165	431777	37.980	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.380	232	410817	34.852	ng/ul	99
59)	Diethylphthalate	15.569	149	1475923	33.676	ng/ul	100
61)	Fluorene	15.810	166	1374812	32.680	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.792	204	724772	33.134	ng/ul	99
63)	4-Nitroaniline	15.827	138	308869	43.263	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.880	198	250430	29.398	ng/ul#	95
67)	N-Nitrosodiphenylamine	16.010	169	1205861	31.323	ng/ul	99
68)	4-Bromophenyl-phenylether	16.692	248	494126	33.036	ng/ul	98
69)	Hexachlorobenzene	16.810	284	573215	32.890	ng/ul	97
70)	Atrazine	16.963	200	474901	30.847	ng/ul	100
71)	Pentachlorophenol	17.157	266	365184	32.199	ng/ul	99
72)	Phenanthrene	17.557	178	2437611	32.524	ng/ul	100
74)	Anthracene	17.645	178	2430651	32.234	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.563	216	584209	30.899	ng/uL	99
76)	Pentachlorobenzene	15.075	250	579938	29.723	ng/uL	99
77)	Carbazole	17.910	167	2144011	32.278	ng/ul	100
78)	Di-n-butylphthalate	18.439	149	2558950	31.764	ng/ul	99
80)	Fluoranthene	19.504	202	2905651	33.959	ng/ul	100
82)	Pyrene	19.857	202	2992345	32.802	ng/ul	98
83)	Butylbenzylphthalate	20.710	149	1124554	36.019	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.498	252	950033	32.027	ng/ul	99
85)	Benzo(a)anthracene	21.574	228	2974611	33.030	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.468	149	1722456	36.028	ng/ul	99
87)	Chrysene	21.633	228	2792935	32.871	ng/ul	98
89)	Di-n-octyl phthalate	22.445	149	2947928	35.925	ng/ul	100
90)	Benzo(b)fluoranthene	23.362	252	2810631	35.346	ng/ul	99
91)	Benzo(k)fluoranthene	23.415	252	2637303	33.431	ng/ul	99
93)	Benzo(a)pyrene	24.039	252	2296190	34.070	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.856	276	2503817	33.121	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.868	278	2093805	33.158	ng/ul	100
96)	Benzo(g,h,i)perylene	27.686	276	1996826	33.178	ng/ul	100

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

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