Quantitation Report (Qedit)

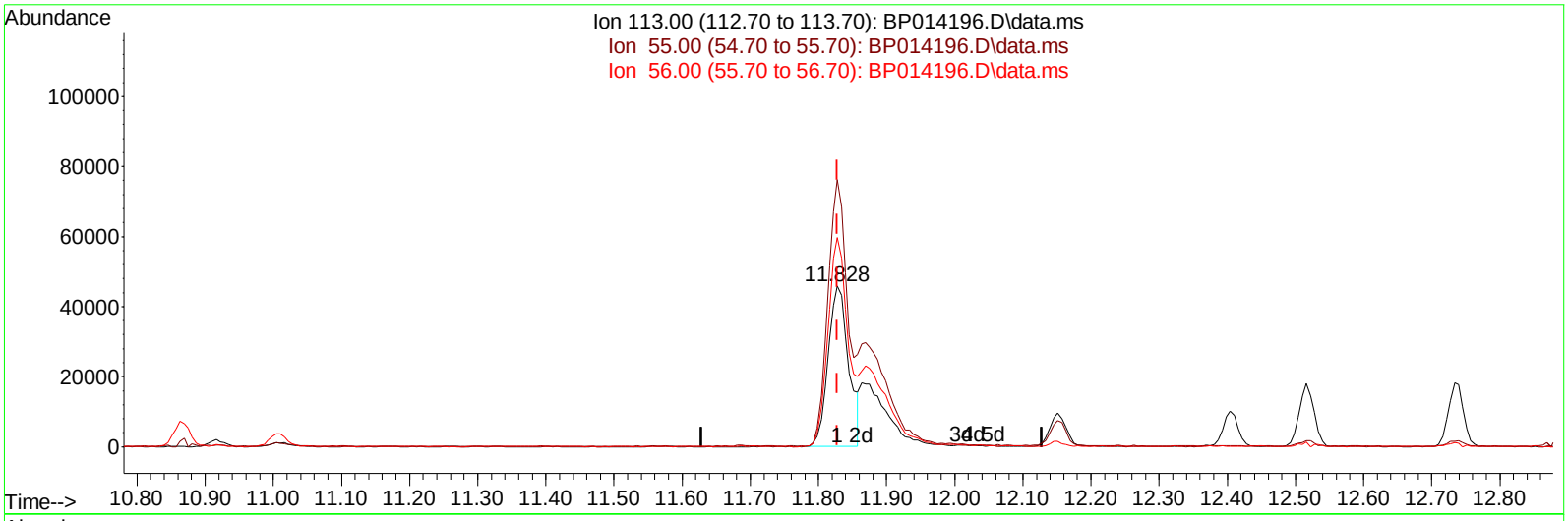
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014196.D
Acq On : 22 Mar 2023 00:02
Operator : CG/JU
Sample : PB151552BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

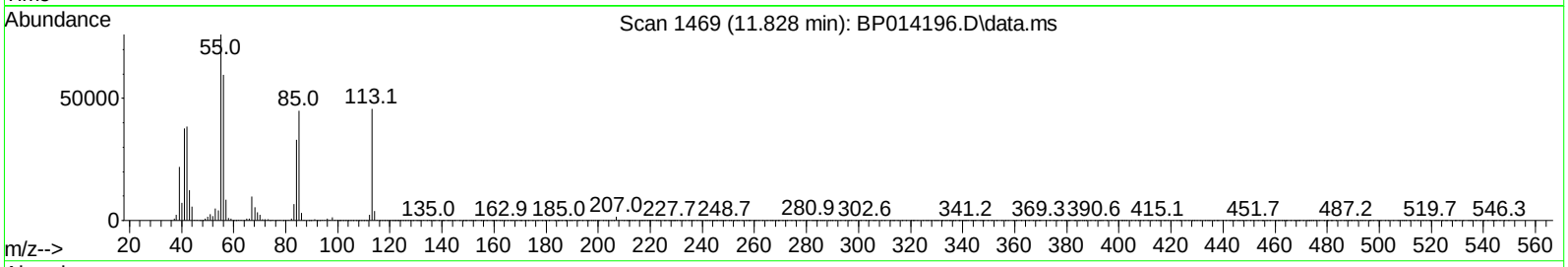
Quant Time: Mar 22 01:23:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 21 04:47:07 2023
Response via : Initial Calibration

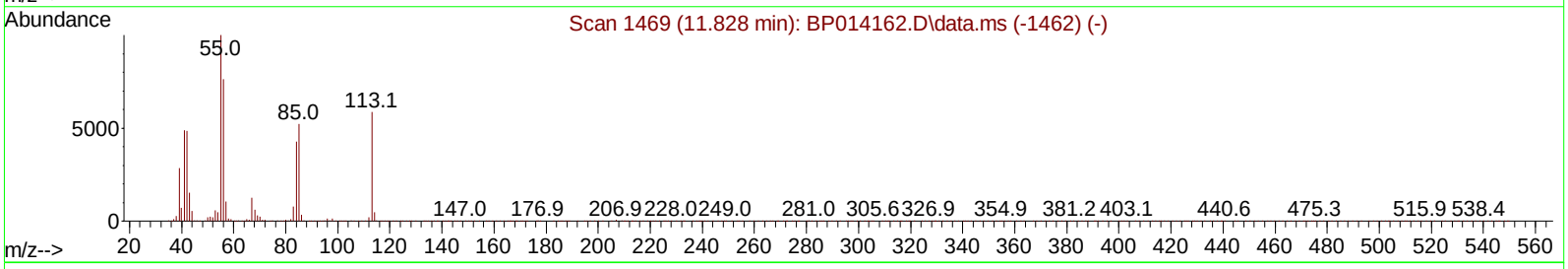
Instrument :
BNA_P
ClientSampleId :
SLCS552

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :mohammad ahmed 03/24/2023







TIC: BP014196.D\data.ms

(34) Caprolactam

11.828min (-0.000) 18.21 ng/ul

response 96356

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	166.21
56.00	127.50	130.35
0.00	0.00	0.00

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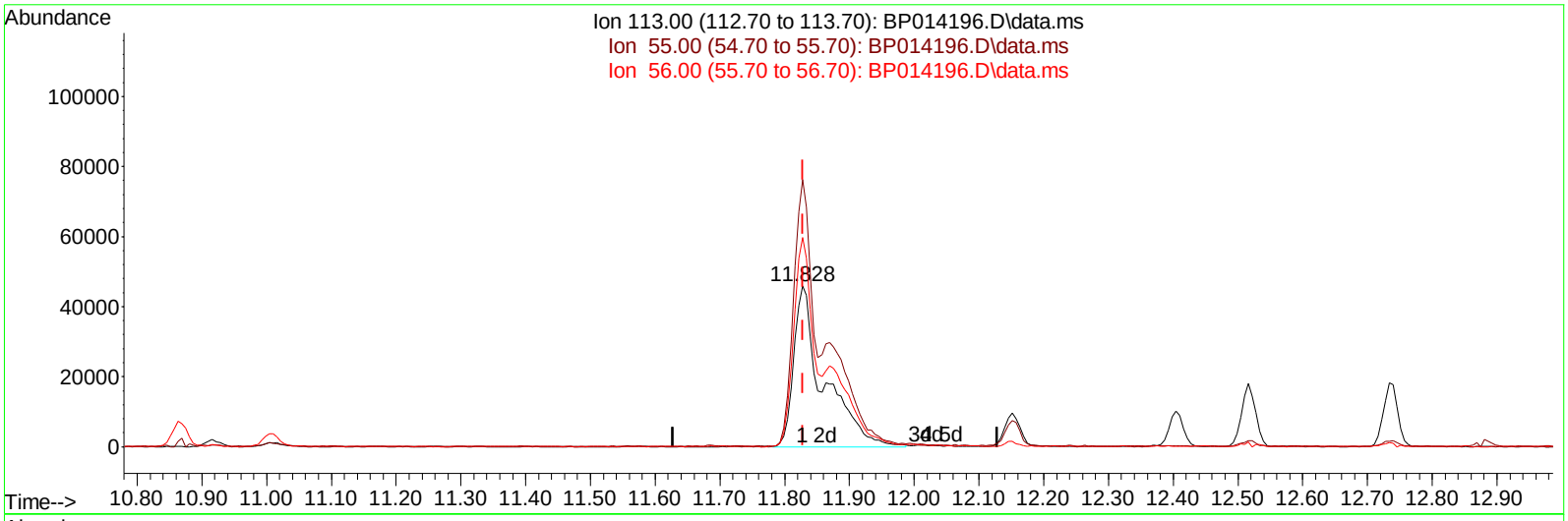

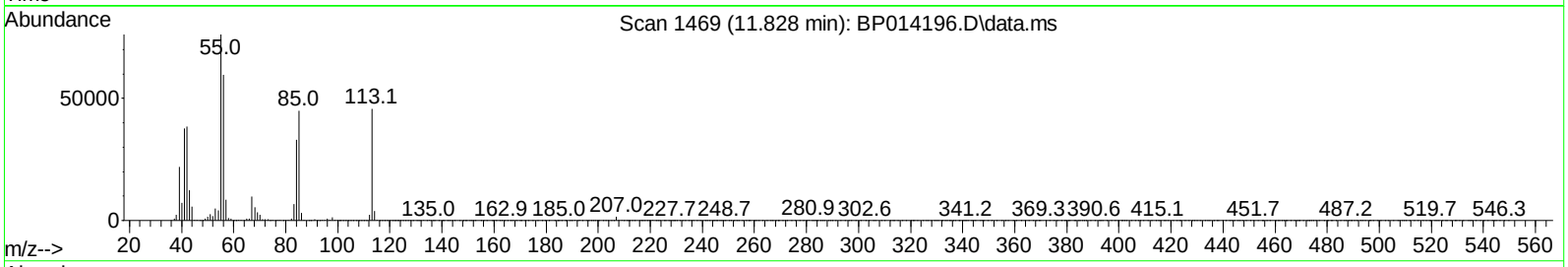

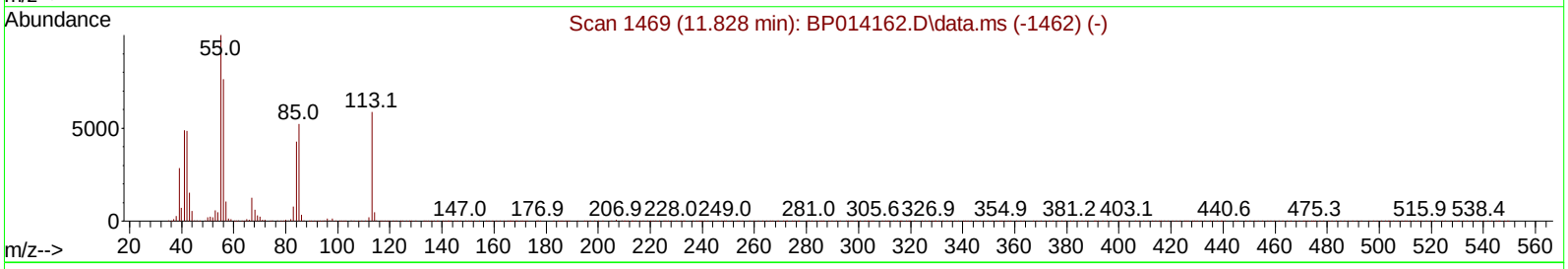

TIC: BP014196.D\data.ms

(34) Caprolactam

11.828min (-0.000) 27.93 ng/ul m

response 147811

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	166.21
56.00	127.50	130.35
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	8.046	152	216606	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	919479	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	625297	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1431125	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.521	240	1318448	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	1159432	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	28177	4.915	ng/uL	0.00
4) Pyridine-d5	3.846	84	399516	25.169	ng/ul	0.00
7) Phenol-d5	7.205	99	551821	28.869	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	329151	29.526	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	408520	28.051	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	446842	28.618	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	210258	28.659	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	243835	27.765	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	450031	27.234	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	526400	24.072	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1404718	26.470	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1562203	27.789	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	243422	26.030	ng/ul	0.00
60) Fluorene-d10	15.675	176	1200799	26.699	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	275146	25.438	ng/ul	0.00
73) Anthracene-d10	17.539	188	1924884	27.706	ng/ul	0.00
81) Pyrene-d10	19.763	212	2294512	31.554	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	1762313	28.575	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	54189	8.756	ng/uL	92
5) Pyridine	3.864	79	372754	23.157	ng/ul	94
6) Benzaldehyde	7.181	77	310771	32.675	ng/ul	99
8) Phenol	7.234	94	557240	28.268	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.463	93	430310	28.493	ng/ul	98
12) 2-Chlorophenol	7.605	128	413726	28.197	ng/ul	96
13) 2-Methylphenol	8.493	108	416623	28.423	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.575	45	533463	32.709	ng/ul	98
16) Acetophenone	8.881	105	696062	27.596	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.863	70	370572	28.718	ng/ul	97
18) 4-Methylphenol	8.828	108	458103	28.414	ng/ul	100
19) Hexachloroethane	9.128	117	180666	28.113	ng/ul	93
22) Nitrobenzene	9.263	77	556365	28.349	ng/ul	99
23) Isophorone	9.793	82	1046809	27.698	ng/ul	98
25) 2-Nitrophenol	9.975	139	254956	28.168	ng/ul	96
26) 2,4-Dimethylphenol	10.034	107	529041	26.704	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	616464	28.200	ng/ul	98
29) 2,4-Dichlorophenol	10.516	162	437703	26.853	ng/ul	97
30) Naphthalene	10.916	128	1371896	27.171	ng/ul	99
32) 4-Chloroaniline	11.034	127	454286	20.645	ng/ul	98
33) Hexachlorobutadiene	11.193	225	319598	24.640	ng/ul	97
34) Caprolactam	11.828	113	147811m	27.928	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	525166	27.862	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.516	142	941178	26.576	ng/ul	98
37) 1-Methylnaphthalene	12.734	142	969016	27.223	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.881	216	587381	25.977	ng/ul	100
40) Hexachlorocyclopentadiene	12.857	237	324987	20.071	ng/ul	99
41) 2,4,6-Trichlorophenol	13.122	196	384010	27.034	ng/ul	98
42) 2,4,5-Trichlorophenol	13.198	196	418825	26.867	ng/ul	99
43) 1,1'-Biphenyl	13.522	154	1319599	27.411	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	1049245	27.442	ng/ul	97
45) 2-Nitroaniline	13.775	65	346081	30.604	ng/ul	95
47) Dimethylphthalate	14.139	163	1390210	26.466	ng/ul	100
48) 2,6-Dinitrotoluene	14.269	165	297511	28.648	ng/ul	95
50) Acenaphthylene	14.410	152	1618975	27.442	ng/ul	100
51) 3-Nitroaniline	14.598	138	270443	29.412	ng/ul	89
52) Acenaphthene	14.751	153	1132151	27.450	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	182865	23.580	ng/ul	96
55) 4-Nitrophenol	14.910	109	227603	22.531	ng/ul#	82
56) Dibenzofuran	15.086	168	1603494	26.725	ng/ul	99
57) 2,4-Dinitrotoluene	15.051	165	432683	27.887	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.310	232	380406	25.507	ng/ul	98
59) Diethylphthalate	15.498	149	1436854	26.970	ng/ul	100
61) Fluorene	15.733	166	1315484	26.449	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	703473	25.626	ng/ul	98
63) 4-Nitroaniline	15.769	138	305042	32.274	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.816	198	270811	26.243	ng/ul	97
67) N-Nitrosodiphenylamine	15.939	169	1140091	28.207	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	463091	26.767	ng/ul	98
69) Hexachlorobenzene	16.739	284	535708	26.276	ng/ul	97
70) Atrazine	16.892	200	358071	20.540	ng/ul	99
71) Pentachlorophenol	17.086	266	319308	23.960	ng/ul	99
72) Phenanthrene	17.486	178	2165199	27.739	ng/ul	100
74) Anthracene	17.575	178	2201909	27.821	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	598146	27.234	ng/uL	99
76) Pentachlorobenzene	15.004	250	607151	26.612	ng/uL	99
77) Carbazole	17.845	167	1957417	28.039	ng/ul	99
78) Di-n-butylphthalate	18.375	149	2570831	29.466	ng/ul	99
80) Fluoranthene	19.439	202	2671911	32.237	ng/ul#	96
82) Pyrene	19.792	202	2731366	31.590	ng/ul	95
83) Butylbenzylphthalate	20.645	149	1225259	35.145	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.427	252	858420	25.433	ng/ul	99
85) Benzo(a)anthracene	21.504	228	2607713	28.120	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	1806965	34.668	ng/ul	99
87) Chrysene	21.557	228	2440047	27.609	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	3012283	41.174	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	2303851	29.820	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	2185764	29.670	ng/ul	99
93) Benzo(a)pyrene	23.921	252	1889357	28.116	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.680	276	2225324	25.016	ng/ul	97
95) Dibenzo(a,h)anthracene	26.692	278	1849126	25.010	ng/ul	99
96) Benzo(g,h,i)perylene	27.492	276	1774372	24.955	ng/ul	99

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

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