Quantitation Report (Qedit)

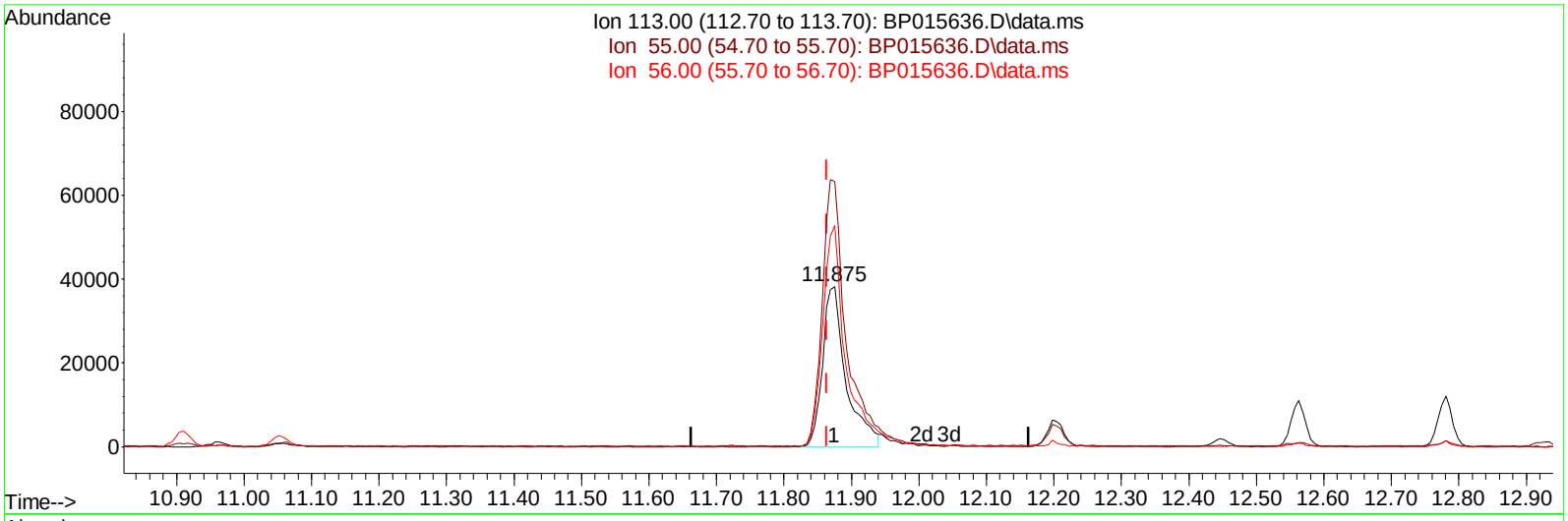
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015636.D
Acq On : 20 Jun 2023 23:14
Operator : MA/JU
Sample : PB153388BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

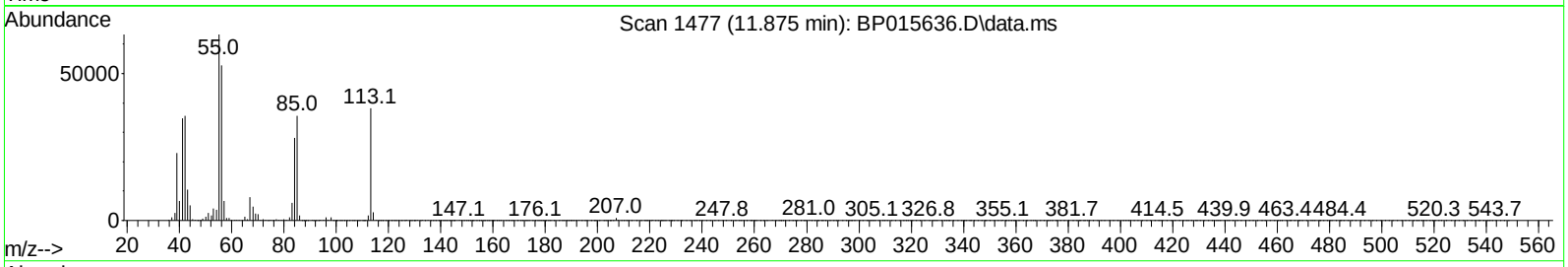
Quant Time: Jun 20 23:48:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

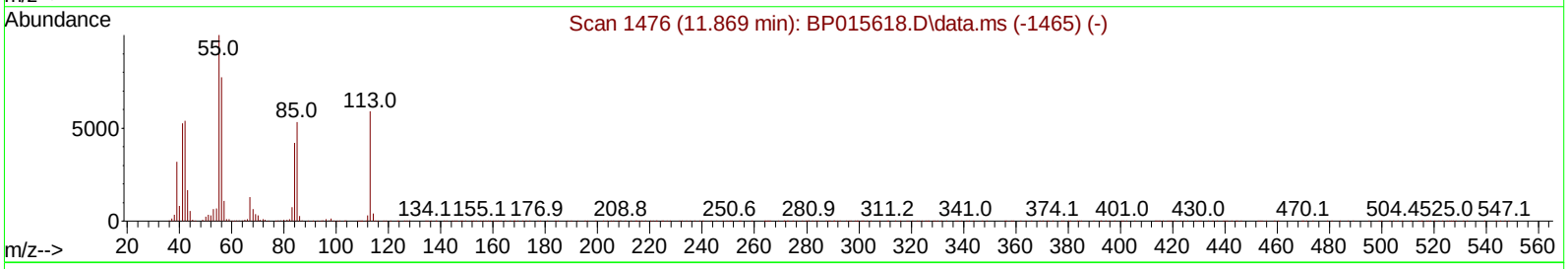
Instrument :
BNA_P
ClientSampleId :
SLCS338

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/22/2023
Supervised By :mohammad ahmed 06/22/2023







TIC: BP015636.D\data.ms

(34) Caprolactam

11.875min (+ 0.012) 33.88 ng/ul

response 92395

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.90	165.40
56.00	126.40	137.93
0.00	0.00	0.00

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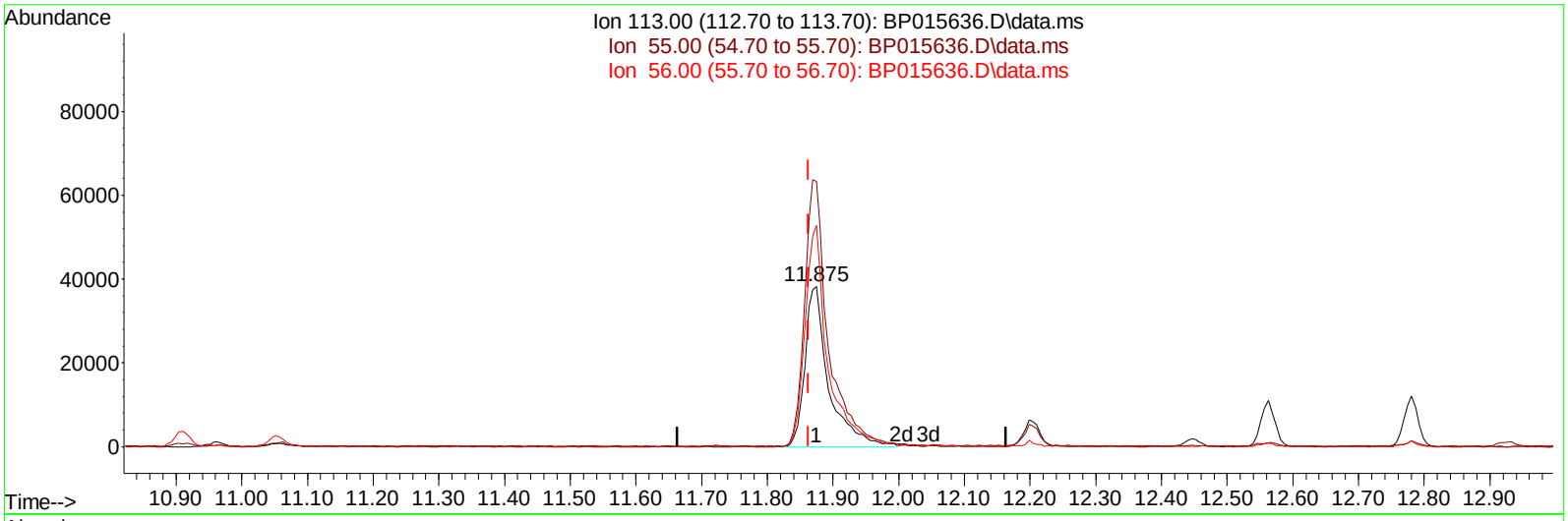

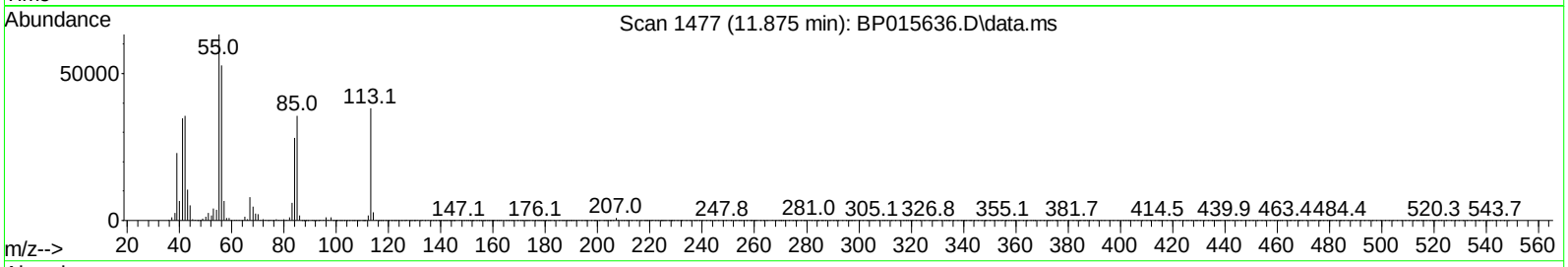

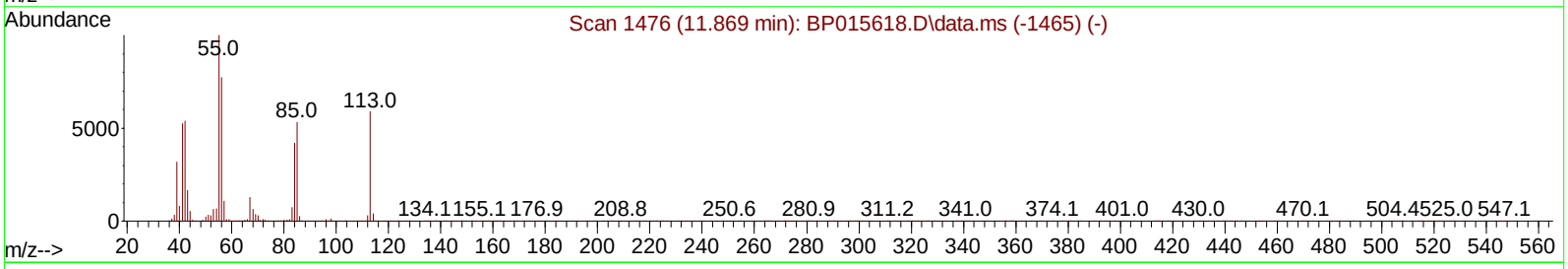

TIC: BP015636.D\data.ms

(34) Caprolactam

11.875min (+ 0.012) 35.51 ng/ul m

response 96815

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.90	165.40
56.00	126.40	137.93
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	8.081	152	101983	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	445449	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	293114	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	708860	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	701553	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	751664	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	16850	6.118	ng/uL	0.00
4) Pyridine-d5	3.846	84	229845	32.130	ng/ul	0.00
7) Phenol-d5	7.246	99	334736	35.628	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	194804	34.718	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	260683	38.269	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	274497	35.599	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	134257	38.390	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	152956	38.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	272468	37.399	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	346499	33.135	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	845247	36.569	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	973120	38.503	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	153471	37.078	ng/ul	0.01
60) Fluorene-d10	15.722	176	736615	37.792	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	142286	31.685	ng/ul	0.00
73) Anthracene-d10	17.586	188	1223112	37.923	ng/ul	0.00
81) Pyrene-d10	19.810	212	1581456	42.118	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1472951	39.054	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	33920	11.660	ng/uL#	92
5) Pyridine	3.864	79	232271	31.319	ng/ul	95
6) Benzaldehyde	7.216	77	153483	42.739	ng/ul	94
8) Phenol	7.275	94	345556	35.650	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.499	93	255492	33.338	ng/ul	97
12) 2-Chlorophenol	7.646	128	258817	35.961	ng/ul	98
13) 2-Methylphenol	8.534	108	260002	34.863	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.610	45	330737	32.567	ng/ul	98
16) Acetophenone	8.922	105	424151	34.468	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.899	70	218099	32.838	ng/ul	99
18) 4-Methylphenol	8.869	108	283285	34.524	ng/ul	98
19) Hexachloroethane	9.169	117	108936	35.819	ng/ul	98
22) Nitrobenzene	9.304	77	346290	37.338	ng/ul	99
23) Isophorone	9.834	82	630980	33.986	ng/ul	99
25) 2-Nitrophenol	10.022	139	157233	36.464	ng/ul	97
26) 2,4-Dimethylphenol	10.081	107	313105	34.240	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.310	93	352318	32.641	ng/ul	99
29) 2,4-Dichlorophenol	10.563	162	268970	37.132	ng/ul	98
30) Naphthalene	10.963	128	856222	35.472	ng/ul	99
32) 4-Chloroaniline	11.075	127	280683	25.940	ng/ul	99
33) Hexachlorobutadiene	11.234	225	182998	37.461	ng/ul	97
34) Caprolactam	11.875	113	96815m	35.505	ng/ul	
35) 4-Chloro-3-methylphenol	12.204	107	322280	36.721	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.563	142	582572	34.331	ng/ul	99
37) 1-Methylnaphthalene	12.781	142	588531	34.447	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.928	216	339318	37.176	ng/ul	99
40) Hexachlorocyclopentadiene	12.893	237	67293	17.986	ng/ul	98
41) 2,4,6-Trichlorophenol	13.169	196	213267	35.106	ng/ul	97
42) 2,4,5-Trichlorophenol	13.251	196	243735	36.819	ng/ul	98
43) 1,1'-Biphenyl	13.563	154	802908	35.421	ng/ul	100
44) 2-Chloronaphthalene	13.610	162	641186	36.053	ng/ul	98
45) 2-Nitroaniline	13.822	65	231658	40.700	ng/ul	96
47) Dimethylphthalate	14.181	163	830968	34.820	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	187302	38.308	ng/ul	99
50) Acenaphthylene	14.451	152	1017183	36.343	ng/ul	99
51) 3-Nitroaniline	14.645	138	190724	47.253	ng/ul	98
52) Acenaphthene	14.792	153	701791	36.274	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	84041	28.574	ng/ul	95
55) 4-Nitrophenol	14.963	109	155514	38.951	ng/ul	88
56) Dibenzofuran	15.128	168	992445	36.193	ng/ul	99
57) 2,4-Dinitrotoluene	15.104	165	277399	38.575	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.357	232	202361	33.856	ng/ul	98
59) Diethylphthalate	15.539	149	868511	35.509	ng/ul	99
61) Fluorene	15.781	166	823920	36.859	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.763	204	404344	35.891	ng/ul	96
63) 4-Nitroaniline	15.810	138	204995	53.544	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.875	198	137991	30.129	ng/ul	96
67) N-Nitrosodiphenylamine	15.981	169	705525	35.083	ng/ul	100
68) 4-Bromophenyl-phenylether	16.663	248	271125	35.751	ng/ul	97
69) Hexachlorobenzene	16.786	284	340308	38.042	ng/ul	99
70) Atrazine	16.933	200	52077	6.485	ng/ul	97
71) Pentachlorophenol	17.139	266	172228	34.063	ng/ul	98
72) Phenanthrene	17.528	178	1414918	37.195	ng/ul	100
74) Anthracene	17.622	178	1425724	36.939	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.534	216	351371	35.916	ng/uL	99
76) Pentachlorobenzene	15.051	250	352407	34.404	ng/uL	94
77) Carbazole	17.892	167	1321521	38.026	ng/ul	100
78) Di-n-butylphthalate	18.416	149	1600633	36.300	ng/ul	99
80) Fluoranthene	19.486	202	1824916	39.900	ng/ul	97
82) Pyrene	19.839	202	1885552	39.848	ng/ul	96
83) Butylbenzylphthalate	20.686	149	833207	39.839	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.474	252	609876	36.796	ng/ul	100
85) Benzo(a)anthracene	21.551	228	1847449	37.669	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	1190767	38.520	ng/ul	99
87) Chrysene	21.610	228	1725002	37.211	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	2149151	43.504	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1798018	37.057	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	1765212	37.636	ng/ul	99
93) Benzo(a)pyrene	24.004	252	1545393	36.532	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.815	276	1991140	36.370	ng/ul	98
95) Dibenzo(a,h)anthracene	26.833	278	1647633	36.941	ng/ul	98
96) Benzo(g,h,i)perylene	27.651	276	1615835	35.815	ng/ul	97

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

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