Quantitation Report (Qedit)

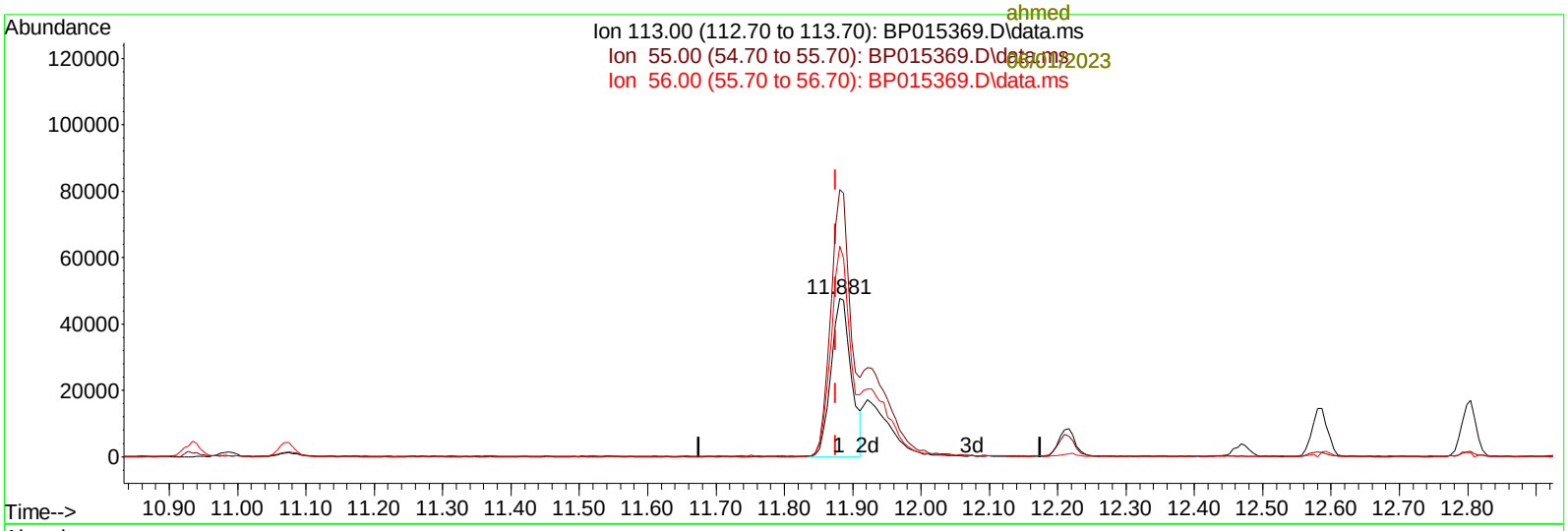
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015369.D
Acq On : 31 May 2023 20:30
Operator : CG/JU
Sample : PB153064BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

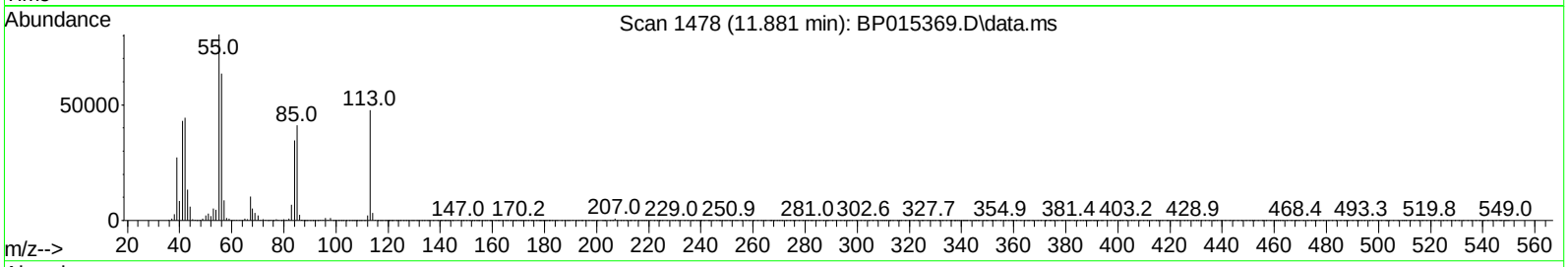
Quant Time: May 31 22:45:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 31 14:24:45 2023
Response via : Initial Calibration

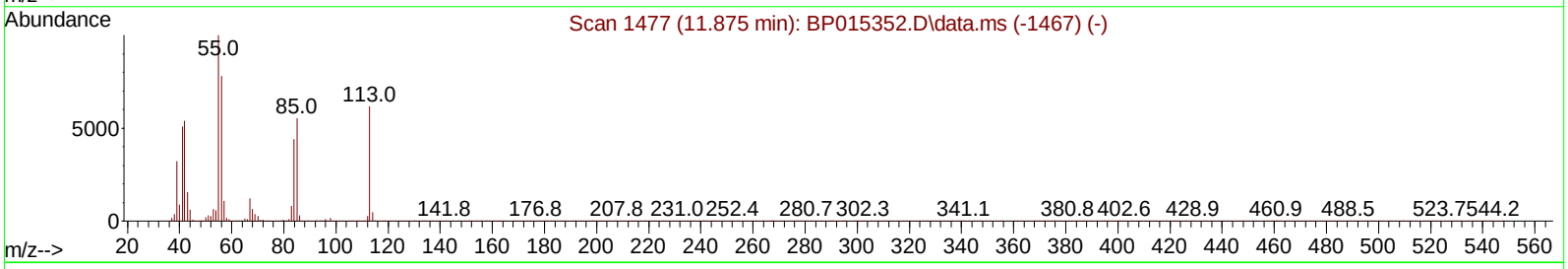
Instrument :
BNA_P
ClientSampleId :
SLCS064

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel
06/01/2023
Supervised By :mohammad ahmed
06/01/2023







TIC: BP015369.D\data.ms

(34) Caprolactam

11.881min (+ 0.006) 26.44 ng/ul

response 97371

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	168.78
56.00	112.80	133.24
0.00	0.00	0.00

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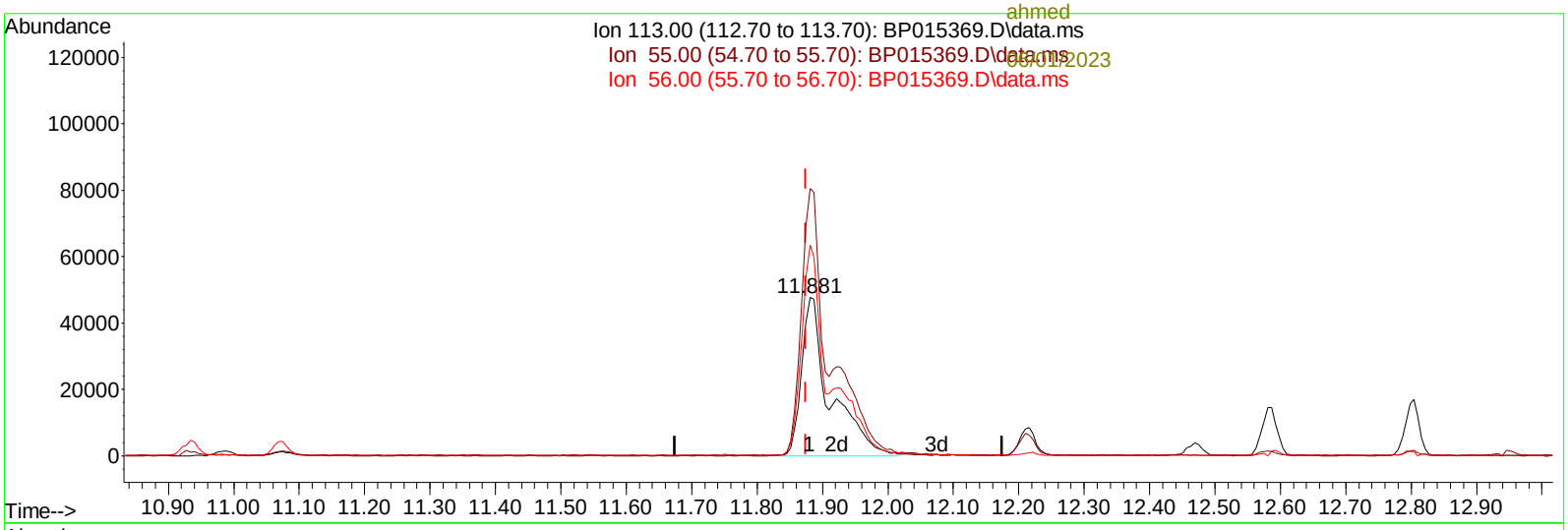

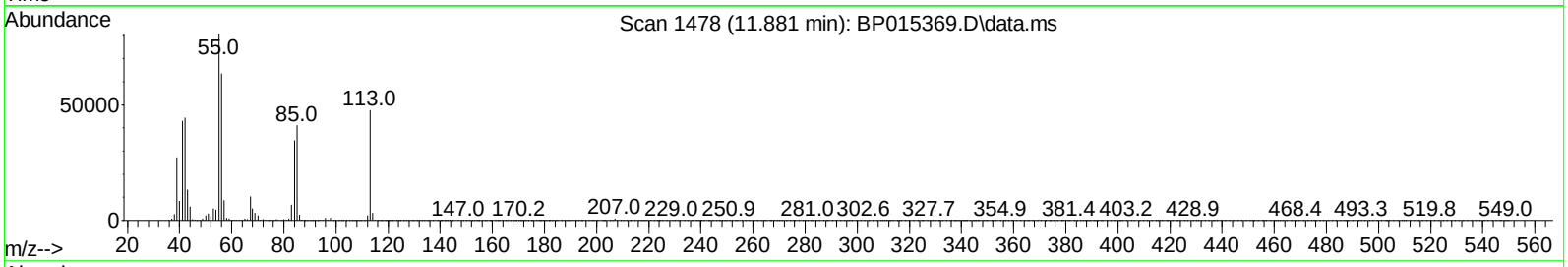

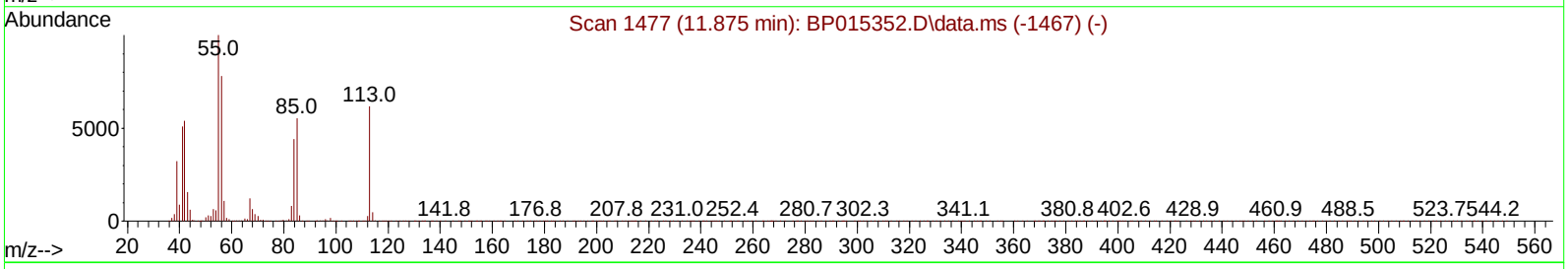

TIC: BP015369.D\data.ms

(34) Caprolactam

11.881min (+ 0.006) 39.09 ng/ul m

response 143915

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	168.78
56.00	112.80	133.24
0.00	0.00	0.00

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Operator : CG/JU
Sample : PB153064BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 31 23:38:14 2023
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	138804	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	612814	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.745	164	400021	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	916366	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	848437	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	927272	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	26716	7.478	ng/uL	0.00
4) Pyridine-d5	3.852	84	350900	34.652	ng/ul	0.00
7) Phenol-d5	7.257	99	497160	38.577	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	301510	40.508	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	390069	41.165	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	419025	40.803	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	205608	42.697	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	241210	45.018	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	418204	43.254	ng/ul	0.00
31) 4-Chloroaniline-d4	11.075	131	546089	38.174	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	1360706	45.015	ng/ul	0.00
49) Acenaphthylene-d8	14.445	160	1496964	43.300	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	265919	45.304	ng/ul	0.00
60) Fluorene-d10	15.739	176	1111412	43.574	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	267701	46.355	ng/ul	0.00
73) Anthracene-d10	17.604	188	1764125	42.042	ng/ul	0.00
81) Pyrene-d10	19.821	212	2143926	43.569	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2130471	46.284	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	50104	13.052	ng/uL#	96
5) Pyridine	3.875	79	340432	32.324	ng/ul	91
6) Benzaldehyde	7.234	77	321503	90.761	ng/ul	99
8) Phenol	7.287	94	487861	36.916	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.522	93	383693	36.290	ng/ul	98
12) 2-Chlorophenol	7.663	128	369575	36.874	ng/ul	95
13) 2-Methylphenol	8.551	108	377446	36.955	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.640	45	497449	37.553	ng/ul	100
16) Acetophenone	8.940	105	613367	38.269	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.928	70	317692	37.794	ng/ul	95
18) 4-Methylphenol	8.887	108	410619	36.526	ng/ul	99
19) Hexachloroethane	9.193	117	157256	38.426	ng/ul	90
22) Nitrobenzene	9.328	77	483966	40.693	ng/ul	96
23) Isophorone	9.857	82	940696	38.481	ng/ul	98
25) 2-Nitrophenol	10.045	139	233280	39.703	ng/ul#	89
26) 2,4-Dimethylphenol	10.098	107	450485	38.421	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.334	93	549695	36.957	ng/ul	98
29) 2,4-Dichlorophenol	10.581	162	383975	39.317	ng/ul	98
30) Naphthalene	10.987	128	1242190	37.284	ng/ul	99
32) 4-Chloroaniline	11.098	127	512885	34.883	ng/ul	98
33) Hexachlorobutadiene	11.263	225	255392	43.389	ng/ul	98
34) Caprolactam	11.881	113	143915m	39.086	ng/ul	
35) 4-Chloro-3-methylphenol	12.210	107	461801	41.877	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.586	142	854944	38.085	ng/ul	99
37) 1-Methylnaphthalene	12.804	142	856027	37.973	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.945	216	484956	40.535	ng/ul	97
40) Hexachlorocyclopentadiene	12.922	237	248996	32.122	ng/ul	98
41) 2,4,6-Trichlorophenol	13.186	196	338382	40.055	ng/ul	99
42) 2,4,5-Trichlorophenol	13.263	196	374162	40.848	ng/ul	100
43) 1,1'-Biphenyl	13.581	154	1178220	37.962	ng/ul	99
44) 2-Chloronaphthalene	13.628	162	931041	38.412	ng/ul	98
45) 2-Nitroaniline	13.834	65	323692	46.675	ng/ul	88
47) Dimethylphthalate	14.198	163	1265467	40.198	ng/ul	100
48) 2,6-Dinitrotoluene	14.328	165	277401	44.478	ng/ul	98
50) Acenaphthylene	14.475	152	1461436	37.886	ng/ul	99
51) 3-Nitroaniline	14.657	138	275435	49.045	ng/ul	96
52) Acenaphthene	14.810	153	1006625	38.208	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	178171	43.026	ng/ul	87
55) 4-Nitrophenol	14.963	109	226748	52.523	ng/ul#	78
56) Dibenzofuran	15.145	168	1434682	39.151	ng/ul	95
57) 2,4-Dinitrotoluene	15.116	165	399749	44.295	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.369	232	336226	43.493	ng/ul	99
59) Diethylphthalate	15.557	149	1316916	41.943	ng/ul	99
61) Fluorene	15.798	166	1162172	39.464	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.786	204	588483	40.898	ng/ul	96
63) 4-Nitroaniline	15.822	138	293707	60.562	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.880	198	245643	41.214	ng/ul	98
67) N-Nitrosodiphenylamine	15.998	169	1022634	37.953	ng/ul	100
68) 4-Bromophenyl-phenylether	16.680	248	394939	41.843	ng/ul	96
69) Hexachlorobenzene	16.804	284	466957	41.864	ng/ul	99
70) Atrazine	16.951	200	381499	38.306	ng/ul	99
71) Pentachlorophenol	17.151	266	289962	41.559	ng/ul	100
72) Phenanthrene	17.545	178	1927589	38.629	ng/ul	100
74) Anthracene	17.639	178	1945850	38.563	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.551	216	504340	38.817	ng/uL	100
76) Pentachlorobenzene	15.063	250	501442	38.437	ng/uL	99
77) Carbazole	17.904	167	1809322	40.892	ng/ul	99
78) Di-n-butylphthalate	18.433	149	2315619	40.639	ng/ul	99
80) Fluoranthene	19.498	202	2389035	39.833	ng/ul	96
82) Pyrene	19.851	202	2429078	39.219	ng/ul	97
83) Butylbenzylphthalate	20.704	149	1114189	40.578	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	911202	48.901	ng/ul#	97
85) Benzo(a)anthracene	21.568	228	2426023	41.354	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1621861	41.028	ng/ul	99
87) Chrysene	21.621	228	2272218	40.518	ng/ul	98
89) Di-n-octyl phthalate	22.427	149	2824019	44.468	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	2478056	42.155	ng/ul	98
91) Benzo(k)fluoranthene	23.404	252	2363545	41.873	ng/ul	98
93) Benzo(a)pyrene	24.027	252	2103467	40.483	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.845	276	2499954	37.159	ng/ul	96
95) Dibenzo(a,h)anthracene	26.856	278	2088052	37.809	ng/ul	97
96) Benzo(g,h,i)perylene	27.680	276	2016799	36.762	ng/ul	97

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

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