Quantitation Report (Qedit)

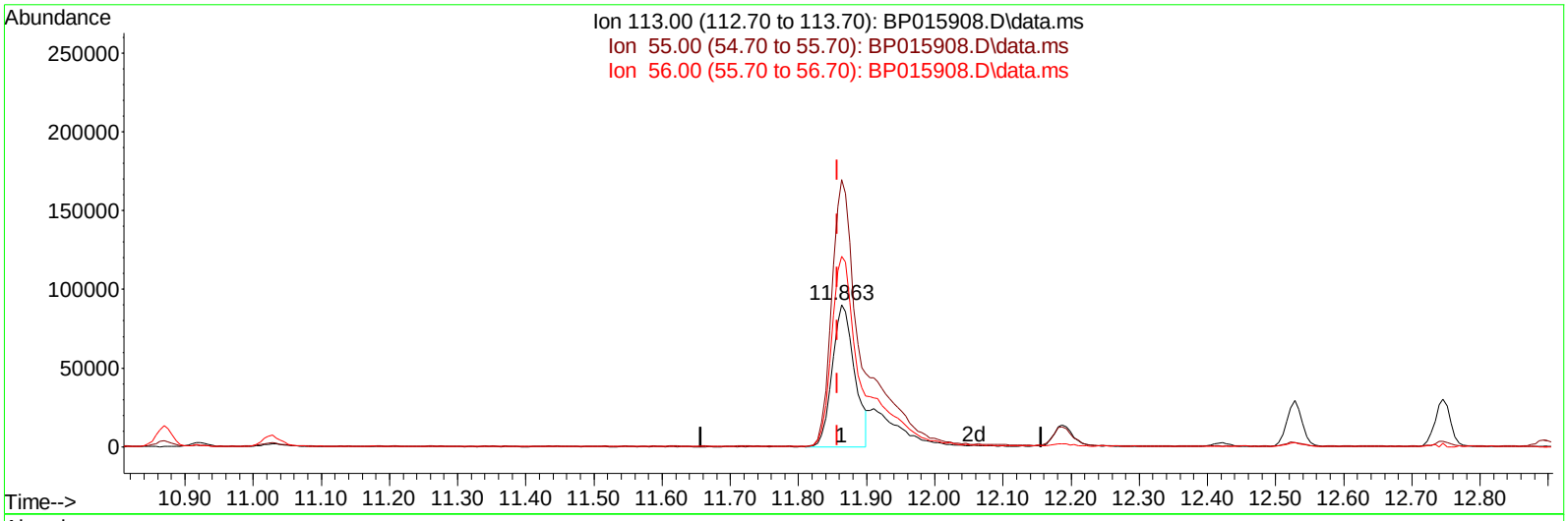
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015908.D
Acq On : 02 Jul 2023 05:32
Operator : MA/JU
Sample : PB153707BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

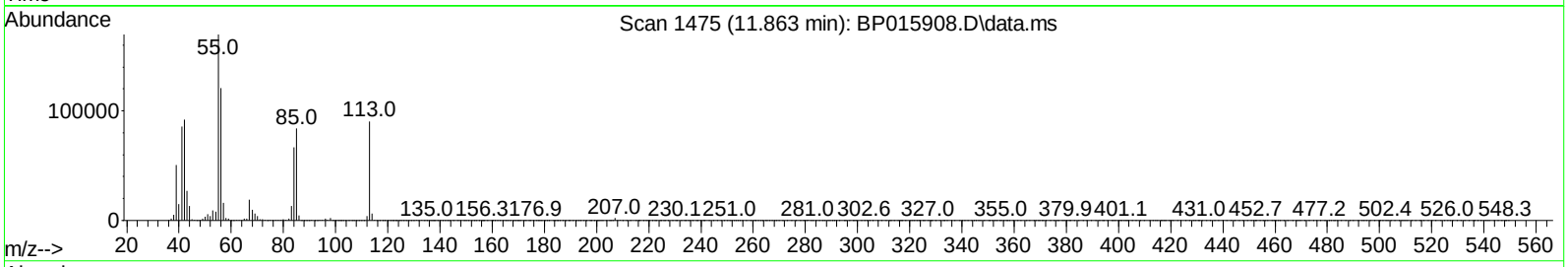
Quant Time: Jul 02 06:12:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

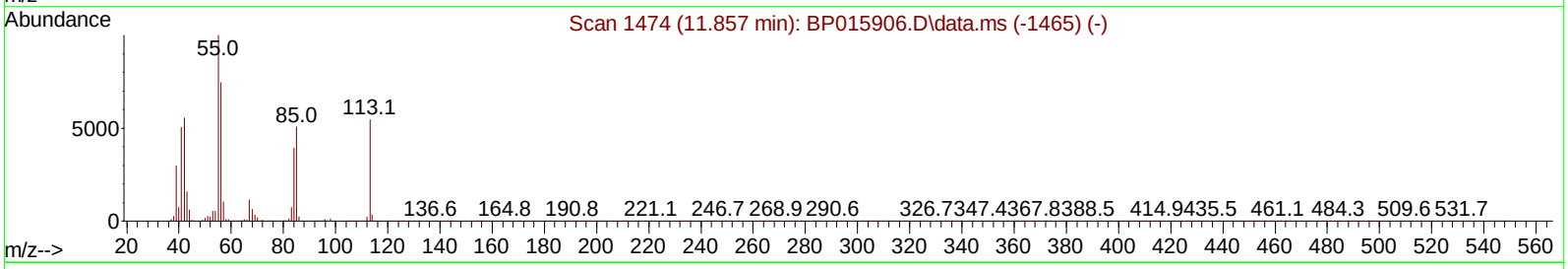
Instrument :
BNA_P
ClientSampleId :
SLCS707

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023







TIC: BP015908.D\data.ms

(34) Caprolactam

11.863min (+ 0.006) 26.23 ng/ul

response 204765

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	187.76
56.00	146.10	133.74
0.00	0.00	0.00

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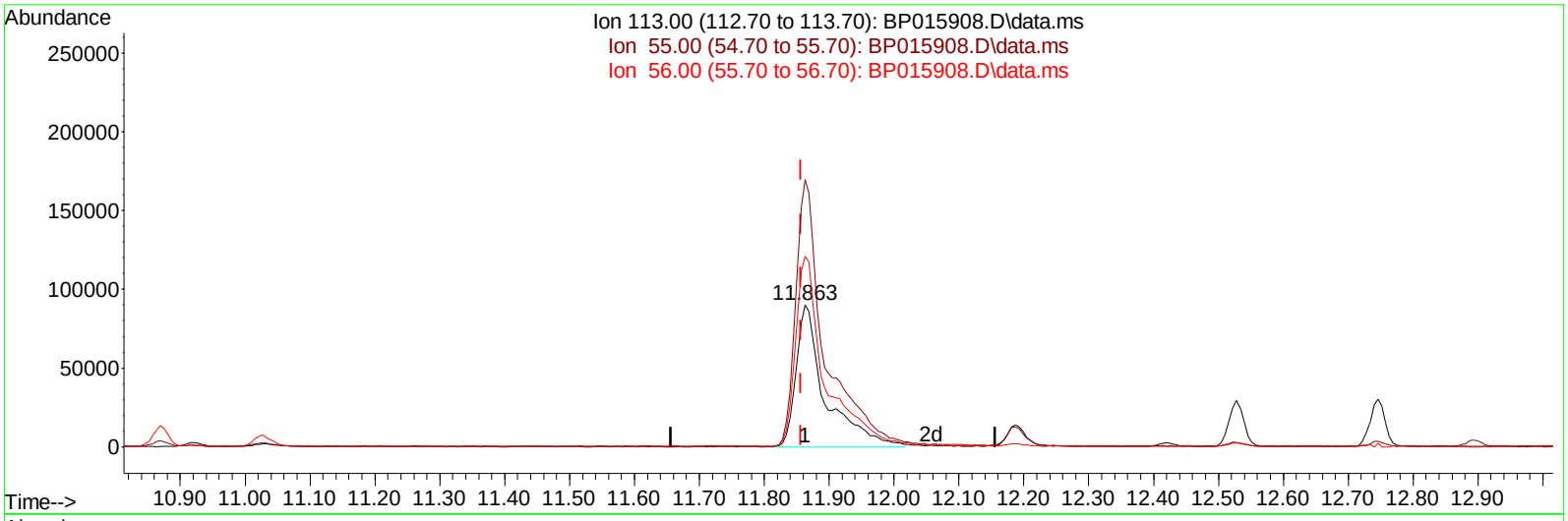

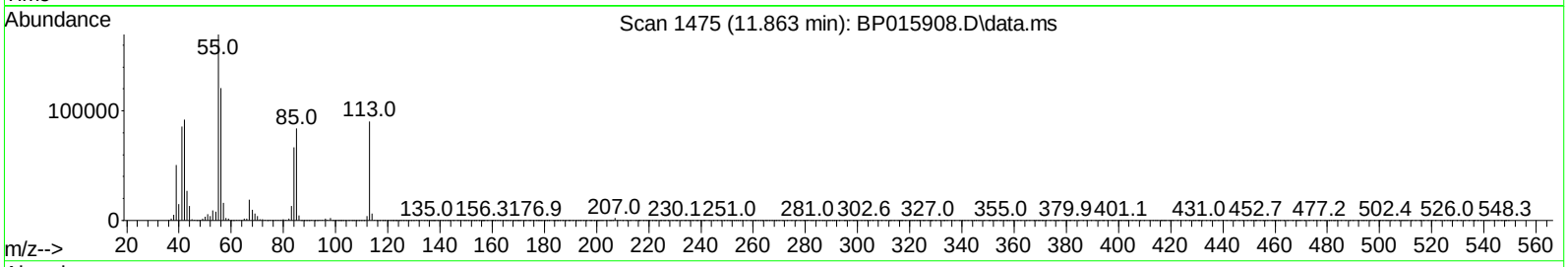

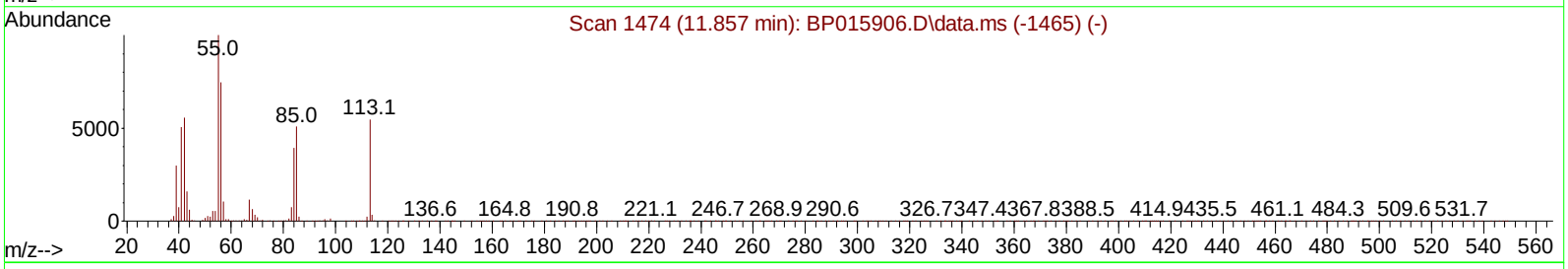

TIC: BP015908.D\data.ms

(34) Caprolactam

11.863min (+ 0.006) 35.84 ng/ul m

response 279829

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	187.76
56.00	146.10	133.74
0.00	0.00	0.00

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Misc :
ALS Vial : 72 Sample Multiplier: 1

Quant Time: Jul 02 06:17:42 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	369036	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1615251	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	958963	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1911670	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1300770	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1464293	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	52845	5.152	ng/uL	0.00
4) Pyridine-d5	3.817	84	771442	29.836	ng/ul	0.00
7) Phenol-d5	7.222	99	1049949	33.252	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	682188	34.922	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	808628	33.926	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	840142	33.681	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	409904	33.206	ng/ul	0.00
24) 2-Nitrophenol-d4	9.958	143	459716	31.908	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	797915	31.079	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	1107550	33.582	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	2383474	32.157	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	2705051	32.465	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	316485	32.356	ng/ul	0.00
60) Fluorene-d10	15.693	176	1941986	31.820	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	347389	29.548	ng/ul	0.00
73) Anthracene-d10	17.557	188	2819179	32.285	ng/ul	0.00
81) Pyrene-d10	19.786	212	2794805	32.904	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.922	264	2513866	34.033	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	108679	9.846	ng/uL	99
5) Pyridine	3.834	79	758273	28.033	ng/ul	95
6) Benzaldehyde	7.187	77	641326	50.238	ng/ul	96
8) Phenol	7.252	94	1105571	33.741	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.464	93	885305	33.959	ng/ul	99
12) 2-Chlorophenol	7.611	128	820350	32.396	ng/ul	100
13) 2-Methylphenol	8.511	108	829217	33.518	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.581	45	1292179	36.290	ng/ul	97
16) Acetophenone	8.887	105	1321716	32.234	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.869	70	722313	31.717	ng/ul	99
18) 4-Methylphenol	8.846	108	892344	33.571	ng/ul	99
19) Hexachloroethane	9.122	117	345355	29.529	ng/ul	90
22) Nitrobenzene	9.275	77	1077275	31.076	ng/ul	96
23) Isophorone	9.799	82	2056139	30.995	ng/ul	99
25) 2-Nitrophenol	9.993	139	482818	31.577	ng/ul	89
26) 2,4-Dimethylphenol	10.052	107	891906	26.535	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.275	93	1242210	33.171	ng/ul	98
29) 2,4-Dichlorophenol	10.534	162	787800	30.864	ng/ul	99
30) Naphthalene	10.922	128	2666794	30.370	ng/ul	100
32) 4-Chloroaniline	11.052	127	959092	27.990	ng/ul	97
33) Hexachlorobutadiene	11.187	225	479563	24.879	ng/ul	99
34) Caprolactam	11.863	113	279829m	35.841	ng/ul	
35) 4-Chloro-3-methylphenol	12.187	107	932226	31.202	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.528	142	1778156	30.762	ng/ul	98
37) 1-Methylnaphthalene	12.746	142	1782274	30.224	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.899	216	935867	29.615	ng/ul	99
40) Hexachlorocyclopentadiene	12.852	237	137419	14.536	ng/ul	94
41) 2,4,6-Trichlorophenol	13.151	196	591284	29.607	ng/ul	97
42) 2,4,5-Trichlorophenol	13.234	196	665642	31.423	ng/ul	99
43) 1,1'-Biphenyl	13.528	154	2366275	31.153	ng/ul	98
44) 2-Chloronaphthalene	13.581	162	1861448	31.109	ng/ul	98
45) 2-Nitroaniline	13.804	65	658278	34.964	ng/ul	95
47) Dimethylphthalate	14.151	163	2378119	31.002	ng/ul	98
48) 2,6-Dinitrotoluene	14.293	165	511848	32.895	ng/ul	99
50) Acenaphthylene	14.422	152	2868140	31.241	ng/ul	100
51) 3-Nitroaniline	14.634	138	512572	42.008	ng/ul	97
52) Acenaphthene	14.763	153	1965349	30.871	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	206979	25.073	ng/ul	89
55) 4-Nitrophenol	14.963	109	240814	23.758	ng/ul#	77
56) Dibenzofuran	15.098	168	2688984	30.426	ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	692897	32.678	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.340	232	493293	27.111	ng/ul	98
59) Diethylphthalate	15.510	149	2449788	31.559	ng/ul	98
61) Fluorene	15.745	166	2195653	30.629	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	1085288	29.588	ng/ul	96
63) 4-Nitroaniline	15.810	138	453025	54.247	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.869	198	340407	28.617	ng/ul	98
67) N-Nitrosodiphenylamine	15.957	169	1873844	32.743	ng/ul	100
68) 4-Bromophenyl-phenylether	16.634	248	674620	30.903	ng/ul	92
69) Hexachlorobenzene	16.757	284	759759	29.496	ng/ul	97
70) Atrazine	16.916	200	218624	9.980	ng/ul	97
71) Pentachlorophenol	17.122	266	317291	25.666	ng/ul	97
72) Phenanthrene	17.504	178	3297124	31.748	ng/ul	100
74) Anthracene	17.598	178	3316580	31.782	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.499	216	927486	29.816	ng/uL	99
76) Pentachlorobenzene	15.022	250	912306	29.059	ng/uL	100
77) Carbazole	17.875	167	2883353	32.782	ng/ul	99
78) Di-n-butylphthalate	18.387	149	4169209	35.755	ng/ul	99
80) Fluoranthene	19.463	202	3389773	32.112	ng/ul#	95
82) Pyrene	19.816	202	3423961	31.798	ng/ul#	90
83) Butylbenzylphthalate	20.663	149	1646616	37.482	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	1020108	34.692	ng/ul	98
85) Benzo(a)anthracene	21.528	228	2998094	32.765	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	2404850	39.833	ng/ul	100
87) Chrysene	21.586	228	2813052	32.403	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	3797058	35.482	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	3077623	32.710	ng/ul#	97
91) Benzo(k)fluoranthene	23.357	252	2941592	30.944	ng/ul#	97
93) Benzo(a)pyrene	23.980	252	2681118	32.612	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.792	276	3565190	31.945	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.798	278	2954774	32.233	ng/ul#	95
96) Benzo(g,h,i)perylene	27.633	276	2940146	32.023	ng/ul	96

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

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