Quantitation Report (Qedit)

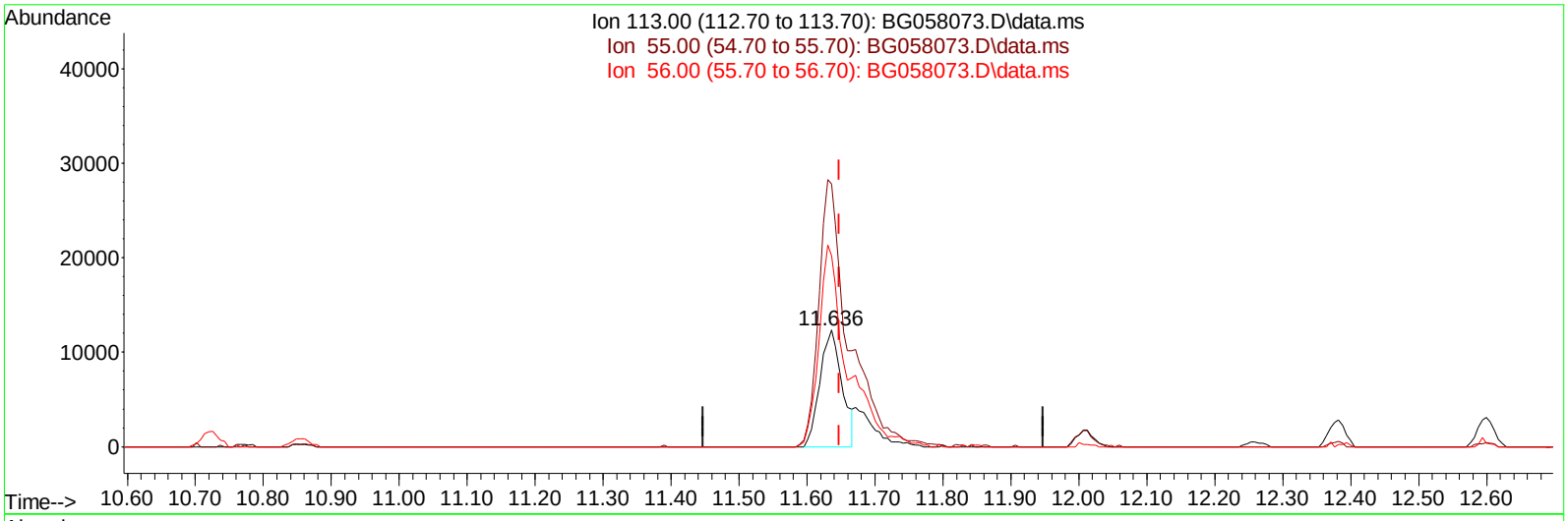
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058073.D
Acq On : 7 Jul 2023 13:25
Operator : CG/JU
Sample : PB153594BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

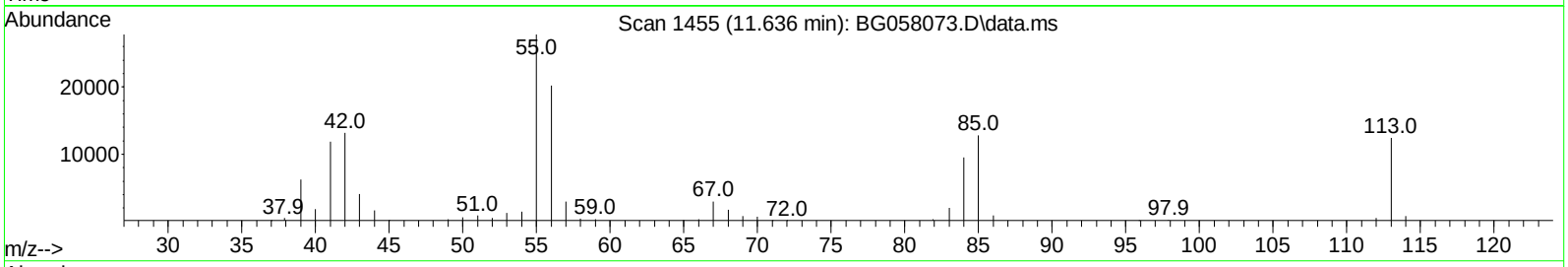
Quant Time: Jul 07 17:47:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 05 23:20:13 2023
Response via : Initial Calibration

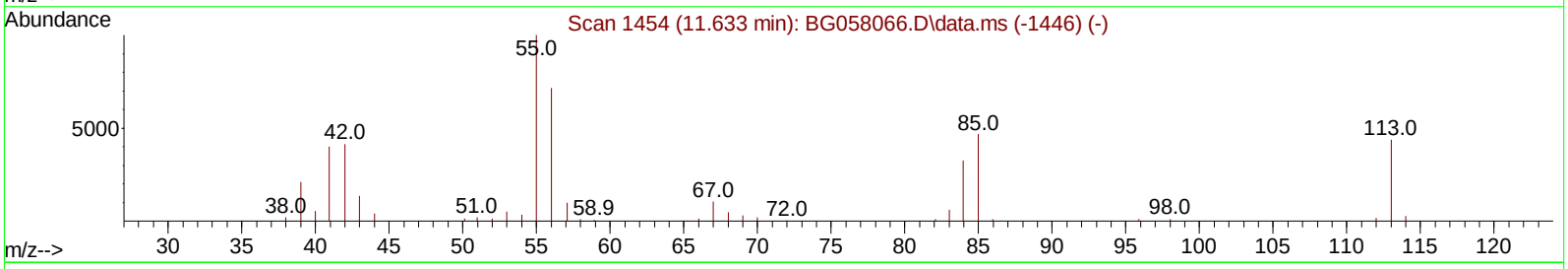
Instrument :
BNA_G
ClientSampleId :
SLCS594

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023







TIC: BG058073.D\data.ms

(34) Caprolactam

11.636min (-0.012) 23.53 ng/ul

response 27874

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	224.46
56.00	153.80	162.98
0.00	0.00	0.00

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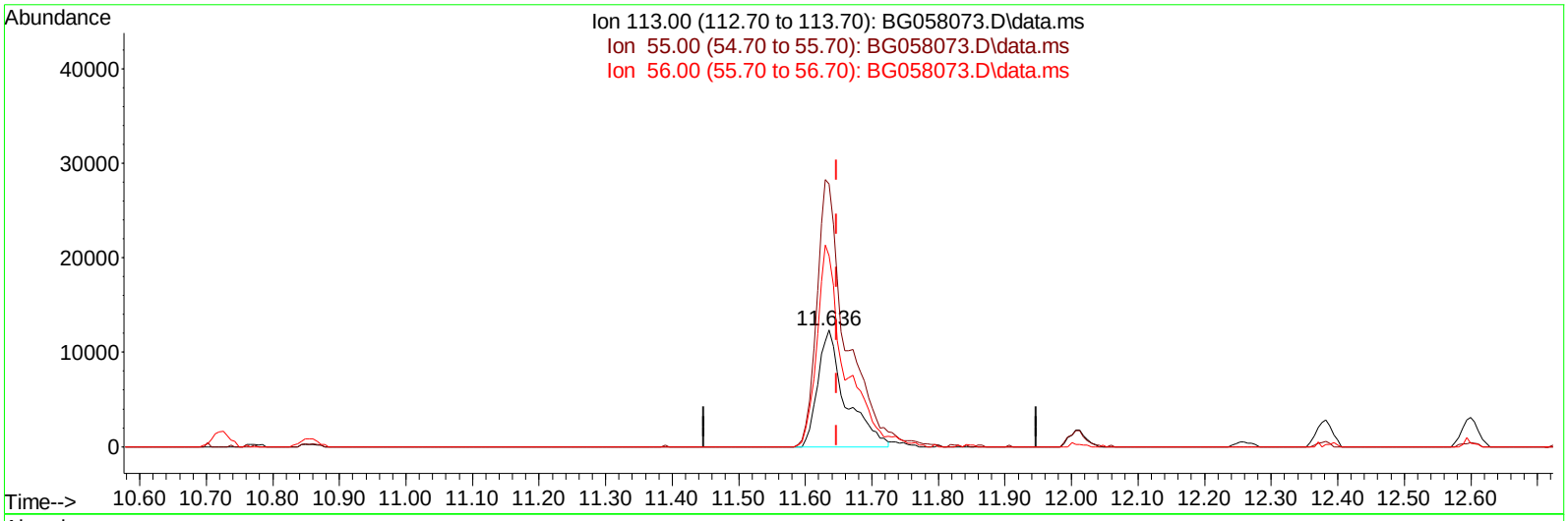

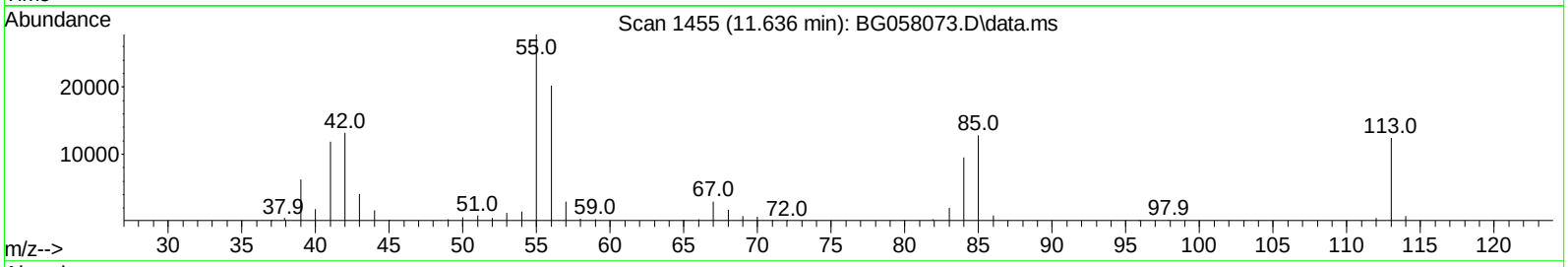

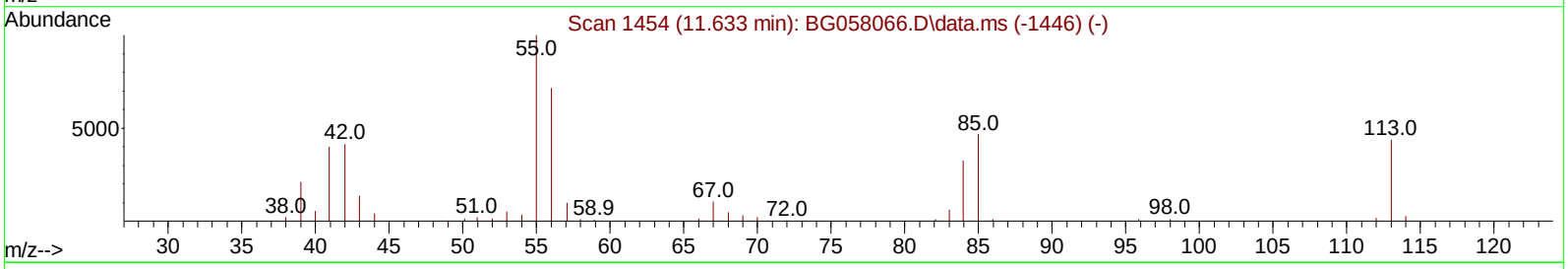

TIC: BG058073.D\data.ms

(34) Caprolactam

11.636min (-0.012) 30.25 ng/ul m

response 35824

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	224.46
56.00	153.80	162.98
0.00	0.00	0.00

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	37836	20.000	ng/ul	0.00
20) Naphthalene-d8	10.719	136	184384	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.556	164	137293	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.300	188	340362	20.000	ng/ul	0.00
79) Chrysene-d12	21.554	240	303866	20.000	ng/ul	0.00
88) Perylene-d12	24.709	264	385244	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	6216	5.753	ng/uL	-0.01
4) Pyridine-d5	3.763	84	89912	27.409	ng/ul	-0.01
7) Phenol-d5	7.083	99	116009	30.023	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.241	67	69966	30.047	ng/ul	0.00
11) 2-Chlorophenol-d4	7.447	132	80708	30.284	ng/ul	-0.01
15) 4-Methylphenol-d8	8.628	113	92697	31.793	ng/ul	0.00
21) Nitrobenzene-d5	9.080	128	44046	29.309	ng/ul	0.00
24) 2-Nitrophenol-d4	9.803	143	50023	31.671	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.343	165	92656	30.581	ng/ul	0.00
31) 4-Chloroaniline-d4	10.855	131	128837	28.046	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	332540	30.698	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	361755	30.603	ng/ul	0.00
54) 4-Nitrophenol-d4	14.756	143	56628	29.588	ng/ul	-0.01
60) Fluorene-d10	15.549	176	282854	30.746	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	58610	31.712	ng/ul	0.00
73) Anthracene-d10	17.400	188	460927	29.184	ng/ul	0.00
81) Pyrene-d10	19.691	212	567801	29.669	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.492	264	598938	30.516	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	13597	10.186	ng/uL	93
5) Pyridine	3.781	79	88672	26.382	ng/ul	97
6) Benzaldehyde	7.053	77	63262	49.024	ng/ul	96
8) Phenol	7.106	94	122311	31.193	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.335	93	89746	29.643	ng/ul	97
12) 2-Chlorophenol	7.482	128	81347	29.333	ng/ul	96
13) 2-Methylphenol	8.357	108	93521	30.369	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.434	45	145607	31.243	ng/ul	97
16) Acetophenone	8.739	105	153158	31.662	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.722	70	81294	31.437	ng/ul	99
18) 4-Methylphenol	8.687	108	106647	32.028	ng/ul	100
19) Hexachloroethane	8.998	117	30501	28.689	ng/ul	96
22) Nitrobenzene	9.121	77	114326	29.305	ng/ul	98
23) Isophorone	9.638	82	248563	29.859	ng/ul	99
25) 2-Nitrophenol	9.832	139	52209	30.805	ng/ul	97
26) 2,4-Dimethylphenol	9.891	107	108047	28.351	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.126	93	137227	29.254	ng/ul	99
29) 2,4-Dichlorophenol	10.367	162	89599	30.415	ng/ul	94
30) Naphthalene	10.772	128	295667	28.534	ng/ul	99
32) 4-Chloroaniline	10.884	127	113948	24.259	ng/ul	96
33) Hexachlorobutadiene	11.054	225	59650	28.601	ng/ul	94
34) Caprolactam	11.636	113	35824m	30.247	ng/ul	
35) 4-Chloro-3-methylphenol	12.006	107	117751	32.539	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.382	142	207121	29.652	ng/ul	97
37) 1-Methylnaphthalene	12.600	142	212315	30.311	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.746	216	124045	29.648	ng/ul	99
40) Hexachlorocyclopentadiene	12.723	237	65976	25.035	ng/ul	95
41) 2,4,6-Trichlorophenol	12.987	196	84017	29.628	ng/ul	95
42) 2,4,5-Trichlorophenol	13.064	196	91822	29.941	ng/ul	98
43) 1,1'-Biphenyl	13.387	154	289434	29.254	ng/ul	99
44) 2-Chloronaphthalene	13.434	162	229422	28.892	ng/ul	99
45) 2-Nitroaniline	13.634	65	87897	31.838	ng/ul	98
47) Dimethylphthalate	14.004	163	324417	29.809	ng/ul	100
48) 2,6-Dinitrotoluene	14.127	165	69565	31.140	ng/ul	91
50) Acenaphthylene	14.280	152	375340	29.404	ng/ul	99
51) 3-Nitroaniline	14.462	138	66261	35.099	ng/ul	99
52) Acenaphthene	14.621	153	257974	29.451	ng/ul	97
53) 2,4-Dinitrophenol	14.668	184	35841	30.775	ng/ul	94
55) 4-Nitrophenol	14.774	109	42359	29.877	ng/ul	92
56) Dibenzofuran	14.956	168	373057	29.961	ng/ul	99
57) 2,4-Dinitrotoluene	14.915	165	101758	32.150	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.179	232	83685	29.975	ng/ul#	99
59) Diethylphthalate	15.367	149	335882	29.570	ng/ul	99
61) Fluorene	15.602	166	305733	29.925	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.596	204	165891	30.687	ng/ul	97
63) 4-Nitroaniline	15.625	138	69709	41.219	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.684	198	59053	31.245	ng/ul	98
67) N-Nitrosodiphenylamine	15.808	169	264482	29.198	ng/ul	97
68) 4-Bromophenyl-phenylether	16.489	248	116797	31.262	ng/ul	97
69) Hexachlorobenzene	16.607	284	129577	30.977	ng/ul	98
70) Atrazine	16.754	200	53850	14.538	ng/ul	98
71) Pentachlorophenol	16.953	266	68587	27.312	ng/ul	96
72) Phenanthrene	17.341	178	505945	29.223	ng/ul	99
74) Anthracene	17.435	178	508245	29.009	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.352	216	129201	28.622	ng/uL	97
76) Pentachlorobenzene	14.873	250	145543	30.190	ng/uL	96
77) Carbazole	17.705	167	475406	30.003	ng/ul	99
78) Di-n-butylphthalate	18.258	149	599053	29.679	ng/ul	100
80) Fluoranthene	19.356	202	637636	28.754	ng/ul	98
82) Pyrene	19.721	202	630779	28.258	ng/ul	97
83) Butylbenzylphthalate	20.602	149	262855	29.039	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.454	252	242588	32.977	ng/ul	98
85) Benzo(a)anthracene	21.536	228	649078	29.750	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.436	149	384617	29.651	ng/ul	98
87) Chrysene	21.601	228	618298	30.230	ng/ul	99
89) Di-n-octyl phthalate	22.623	149	675527	28.539	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	695661	29.164	ng/ul	99
91) Benzo(k)fluoranthene	23.775	252	684538	29.278	ng/ul	99
93) Benzo(a)pyrene	24.562	252	608573	28.825	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.305	276	831673	29.665	ng/ul	98
95) Dibenzo(a,h)anthracene	28.363	278	691333	29.904	ng/ul	98
96) Benzo(g,h,i)perylene	29.427	276	672186	29.354	ng/ul	97

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

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