Quantitation Report (Qedit)

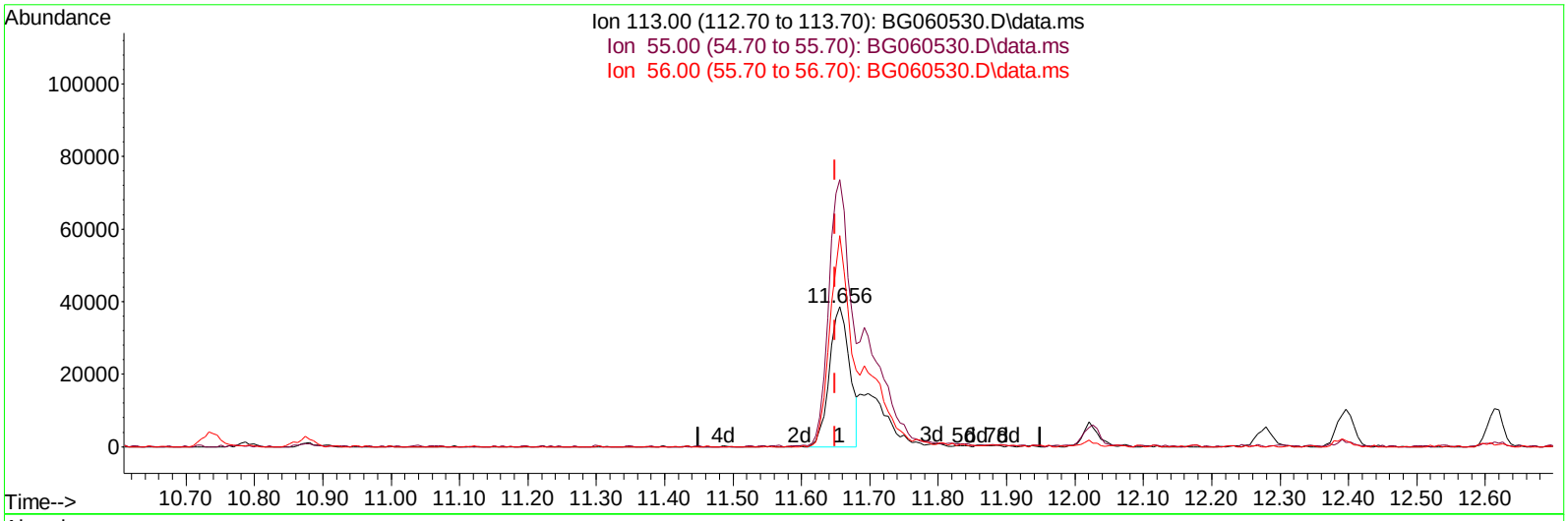
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020124\
Data File : BG060530.D
Acq On : 1 Feb 2024 6:02
Operator : MA/JU
Sample : PB158739BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

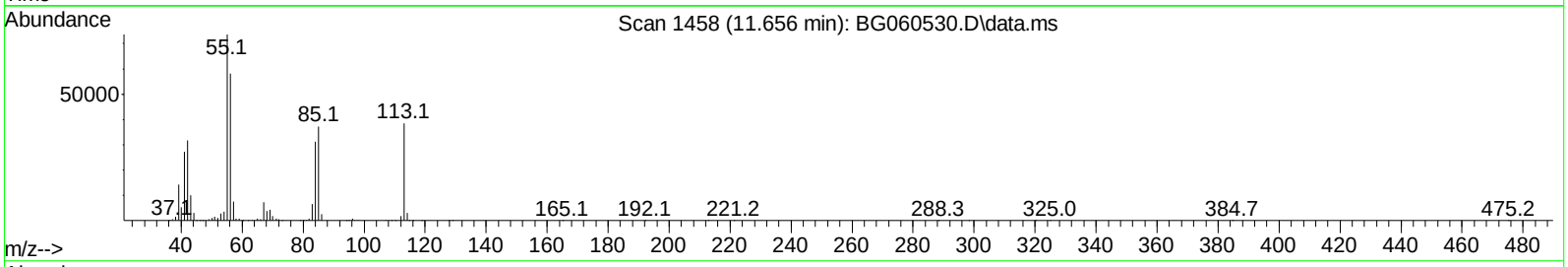
Quant Time: Feb 01 06:51:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 22:04:13 2024
Response via : Initial Calibration

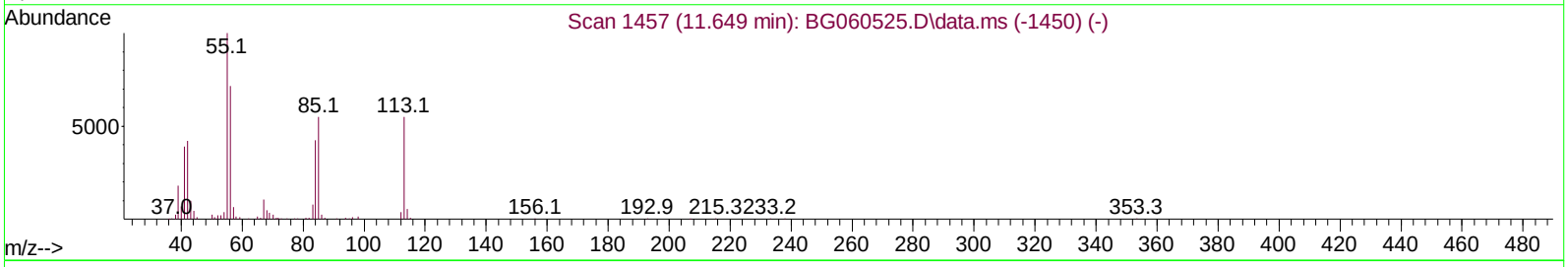
Instrument :
BNA_G
ClientSampleId :
SLCS739

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024







TIC: BG060530.D\data.ms

(34) Caprolactam

11.656min (+ 0.007) 21.81 ng/ul

response 79282

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	190.79
56.00	125.70	151.08#
0.00	0.00	0.00

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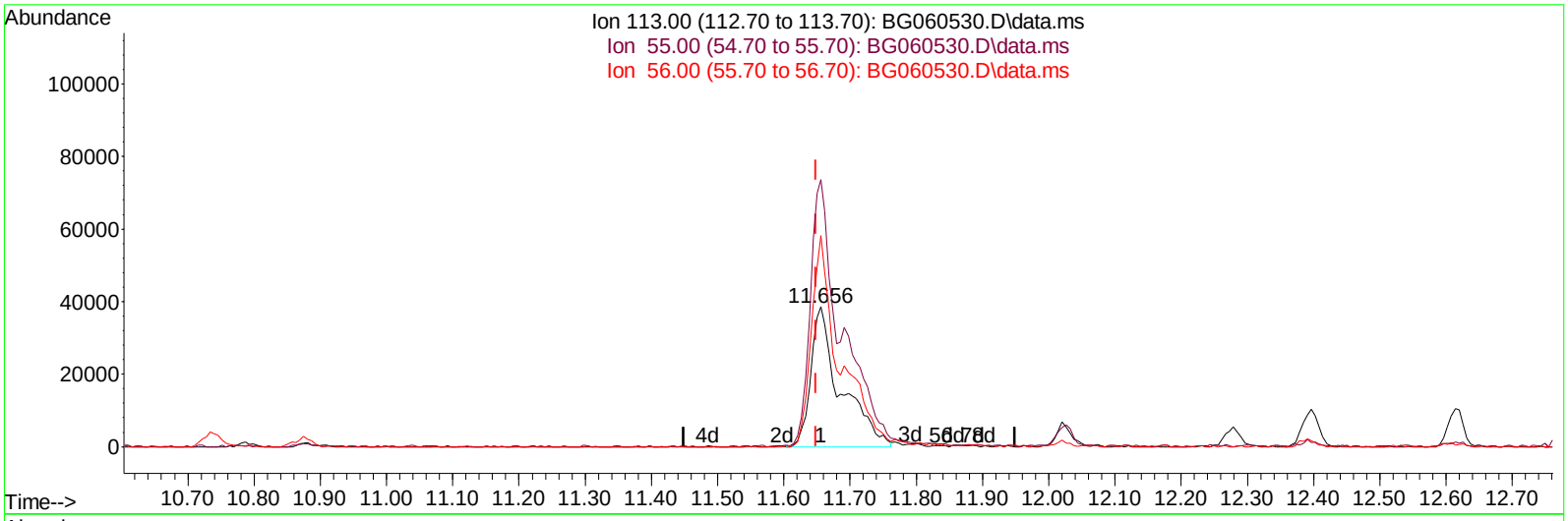

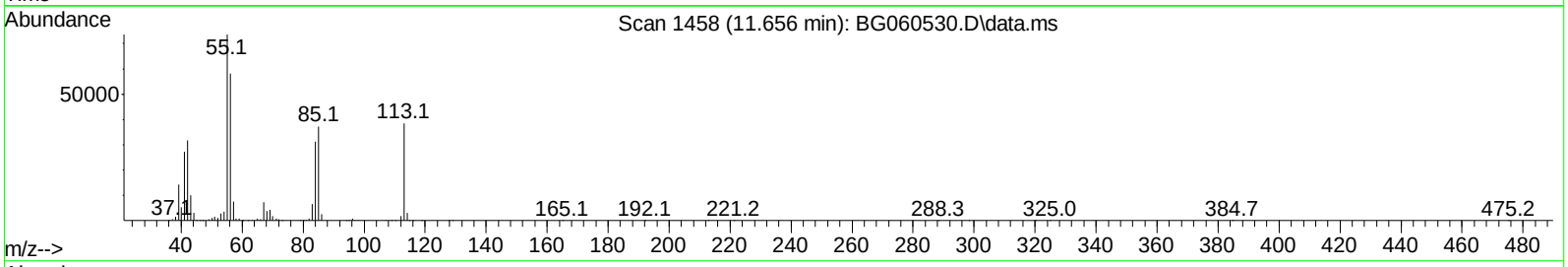

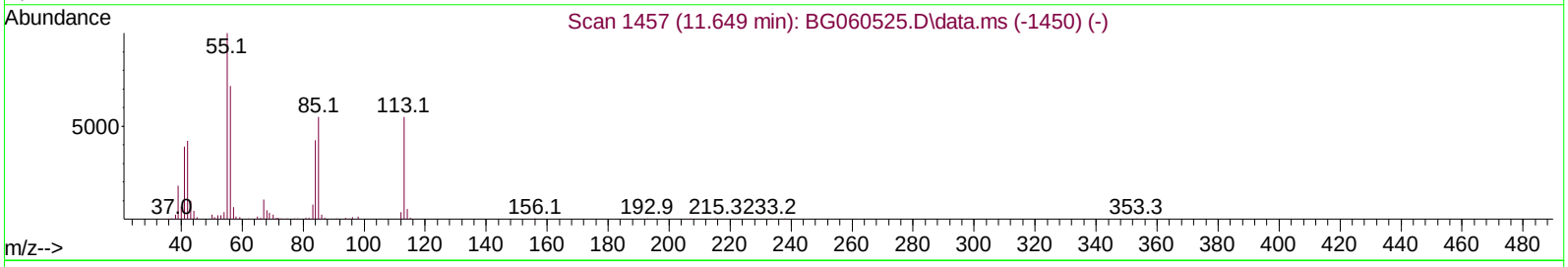

TIC: BG060530.D\data.ms

(34) Caprolactam

11.656min (+ 0.007) 33.25 ng/ul m

response 120850

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	190.79
56.00	125.70	151.08#
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	7.937	152	144531	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	633667	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.570	164	517622	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.320	188	1319898	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1243703	20.000	ng/ul	0.00
88) Perylene-d12	24.753	264	1385774	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	14727	5.106	ng/uL	0.00
4) Pyridine-d5	3.777	84	250028	27.404	ng/ul	0.00
7) Phenol-d5	7.097	99	381572	27.798	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.261	67	220201	25.528	ng/ul	0.00
11) 2-Chlorophenol-d4	7.467	132	251070	27.390	ng/ul	0.00
15) 4-Methylphenol-d8	8.642	113	304251	26.909	ng/ul	0.00
21) Nitrobenzene-d5	9.100	128	135974	29.089	ng/ul	0.00
24) 2-Nitrophenol-d4	9.817	143	172721	31.627	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	362443	31.912	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	389770	26.160	ng/ul	0.00
46) Dimethylphthalate-d6	13.977	166	1216029	28.710	ng/ul	0.00
49) Acenaphthylene-d8	14.265	160	1380722	29.061	ng/ul	0.00
54) 4-Nitrophenol-d4	14.776	143	176422	29.081	ng/ul	0.00
60) Fluorene-d10	15.563	176	1095141	29.508	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	232632	28.463	ng/ul	0.00
73) Anthracene-d10	17.420	188	1836585	29.353	ng/ul	0.00
81) Pyrene-d10	19.711	212	2211931	29.674	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.535	264	2171762	29.875	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	32235	10.101	ng/uL#	94
5) Pyridine	3.801	79	252790	27.252	ng/ul	96
6) Benzaldehyde	7.073	77	186500	35.744	ng/ul	96
8) Phenol	7.126	94	400122	27.886	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.355	93	295767	25.880	ng/ul	98
12) 2-Chlorophenol	7.496	128	270664	28.625	ng/ul	95
13) 2-Methylphenol	8.378	108	303261	27.350	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.454	45	428041	28.380	ng/ul	95
16) Acetophenone	8.754	105	499637	27.729	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.742	70	266199	27.397	ng/ul	96
18) 4-Methylphenol	8.707	108	335076	28.105	ng/ul	98
19) Hexachloroethane	9.012	117	114617	27.417	ng/ul	96
22) Nitrobenzene	9.141	77	378661	29.613	ng/ul	95
23) Isophorone	9.658	82	805827	29.068	ng/ul	100
25) 2-Nitrophenol	9.852	139	180171	32.454	ng/ul	98
26) 2,4-Dimethylphenol	9.905	107	330742	28.871	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.140	93	469800	29.770	ng/ul	100
29) 2,4-Dichlorophenol	10.387	162	352433	32.282	ng/ul	95
30) Naphthalene	10.787	128	990874	28.980	ng/ul	97
32) 4-Chloroaniline	10.898	127	322908	22.090	ng/ul	99
33) Hexachlorobutadiene	11.069	225	263530	29.070	ng/ul	99
34) Caprolactam	11.656	113	120850m	33.251	ng/ul	
35) 4-Chloro-3-methylphenol	12.020	107	393080	35.912	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.396	142	785359	32.674	ng/ul	98
37)	1-Methylnaphthalene	12.614	142	763747	31.439	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.767	216	558213	29.631	ng/ul	95
40)	Hexachlorocyclopentadiene	12.737	237	253195	22.226	ng/ul	99
41)	2,4,6-Trichlorophenol	13.002	196	338594	29.484	ng/ul	99
42)	2,4,5-Trichlorophenol	13.078	196	368727	30.386	ng/ul	97
43)	1,1'-Biphenyl	13.401	154	1131920	29.520	ng/ul	97
44)	2-Chloronaphthalene	13.448	162	944422	29.172	ng/ul	98
45)	2-Nitroaniline	13.654	65	270262	33.168	ng/ul	96
47)	Dimethylphthalate	14.024	163	1244506	29.436	ng/ul	100
48)	2,6-Dinitrotoluene	14.147	165	262243	32.890	ng/ul	98
50)	Acenaphthylene	14.294	152	1531072	29.209	ng/ul	98
51)	3-Nitroaniline	14.482	138	221341	33.023	ng/ul	98
52)	Acenaphthene	14.635	153	1015737	29.051	ng/ul	99
53)	2,4-Dinitrophenol	14.688	184	109316	25.119	ng/ul	92
55)	4-Nitrophenol	14.794	109	122337	29.619	ng/ul	95
56)	Dibenzofuran	14.970	168	1475069	29.883	ng/ul	97
57)	2,4-Dinitrotoluene	14.935	165	377255	32.288	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.199	232	338760	30.038	ng/ul#	98
59)	Diethylphthalate	15.387	149	1188902	29.246	ng/ul	100
61)	Fluorene	15.622	166	1201098	29.660	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.610	204	681804	30.502	ng/ul	99
63)	4-Nitroaniline	15.646	138	235306	35.836	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.698	198	236623	27.678	ng/ul#	92
67)	N-Nitrosodiphenylamine	15.828	169	1045372	29.200	ng/ul	97
68)	4-Bromophenyl-phenylether	16.503	248	462194	30.142	ng/ul	97
69)	Hexachlorobenzene	16.627	284	534118	30.028	ng/ul	98
70)	Atrazine	16.774	200	335383	22.788	ng/ul	98
71)	Pentachlorophenol	16.968	266	230854	23.565	ng/ul	96
72)	Phenanthrene	17.361	178	2068122	29.802	ng/ul	99
74)	Anthracene	17.455	178	2067791	29.241	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.372	216	589300	30.785	ng/uL	95
76)	Pentachlorobenzene	14.888	250	613440	30.506	ng/uL	97
77)	Carbazole	17.725	167	1787978	30.613	ng/ul	99
78)	Di-n-butylphthalate	18.278	149	2022623	29.376	ng/ul	99
80)	Fluoranthene	19.376	202	2472210	29.720	ng/ul	99
82)	Pyrene	19.741	202	2549070	29.445	ng/ul	97
83)	Butylbenzylphthalate	20.622	149	899303	29.144	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.480	252	878288	30.609	ng/ul	99
85)	Benzo(a)anthracene	21.562	228	2589959	30.200	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.462	149	1299378	28.212	ng/ul	100
87)	Chrysene	21.627	228	2420118	30.042	ng/ul	99
89)	Di-n-octyl phthalate	22.649	149	2223599	30.068	ng/ul	100
90)	Benzo(b)fluoranthene	23.742	252	2620971	30.479	ng/ul	98
91)	Benzo(k)fluoranthene	23.812	252	2572410	29.294	ng/ul	100
93)	Benzo(a)pyrene	24.606	252	2500696	30.229	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	28.366	276	3057676	30.152	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.425	278	2499112	30.206	ng/ul	98
96)	Benzo(g,h,i)perylene	29.494	276	2433536	29.638	ng/ul	98

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

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