Quantitation Report (Qedit)

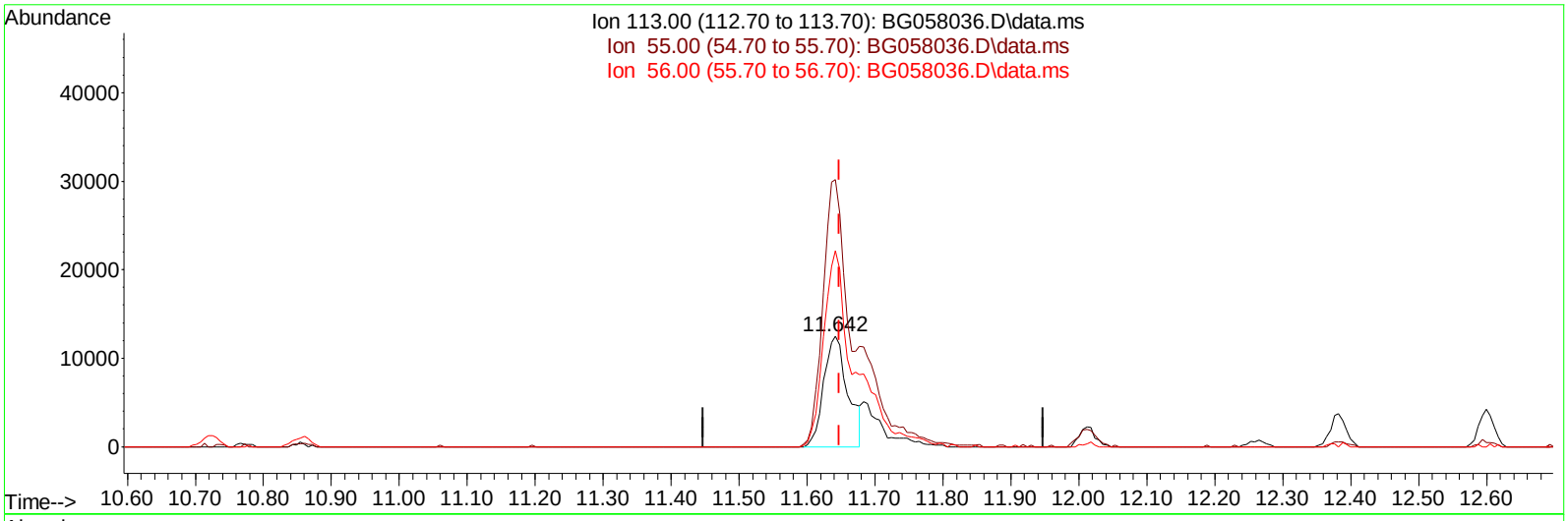
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058036.D
Acq On : 6 Jul 2023 5:08
Operator : CG/JU
Sample : PB153516BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

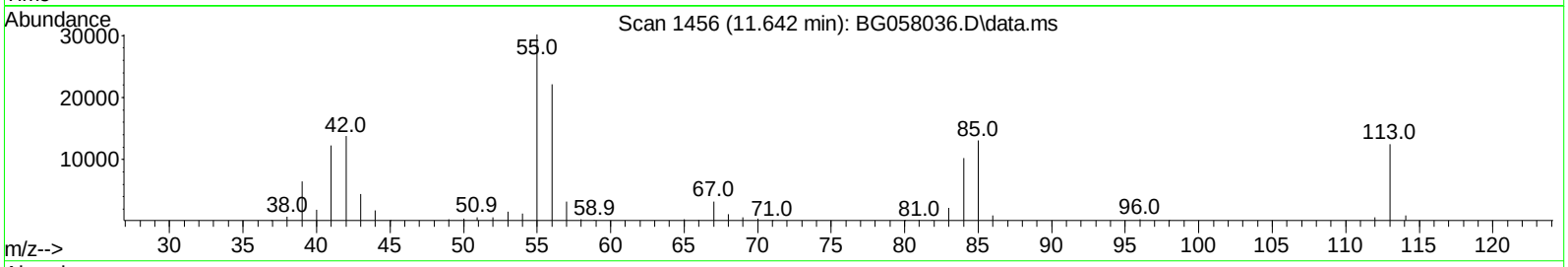
Quant Time: Jul 06 06:12:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 05 23:20:13 2023
Response via : Initial Calibration

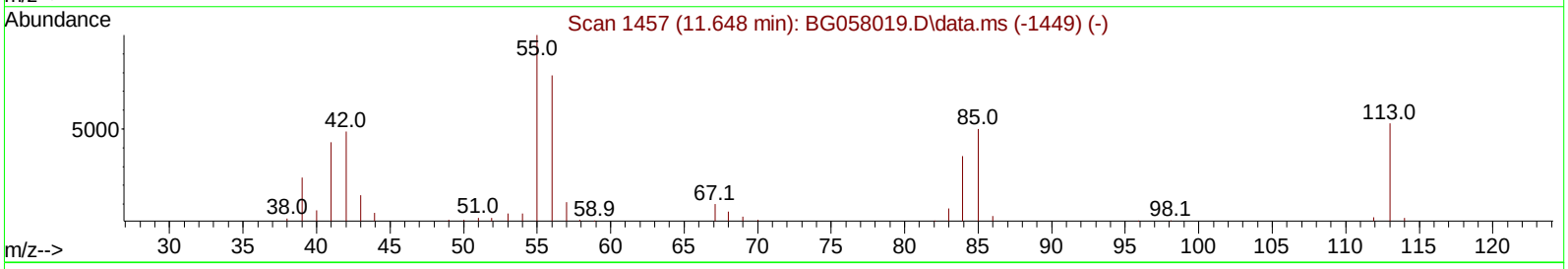
Instrument :
BNA_G
ClientSampleId :
SLCS516

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023







TIC: BG058036.D\data.ms

(34) Caprolactam

11.642min (-0.006) 29.94 ng/ul

response 30835

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	241.06
56.00	153.80	177.10
0.00	0.00	0.00

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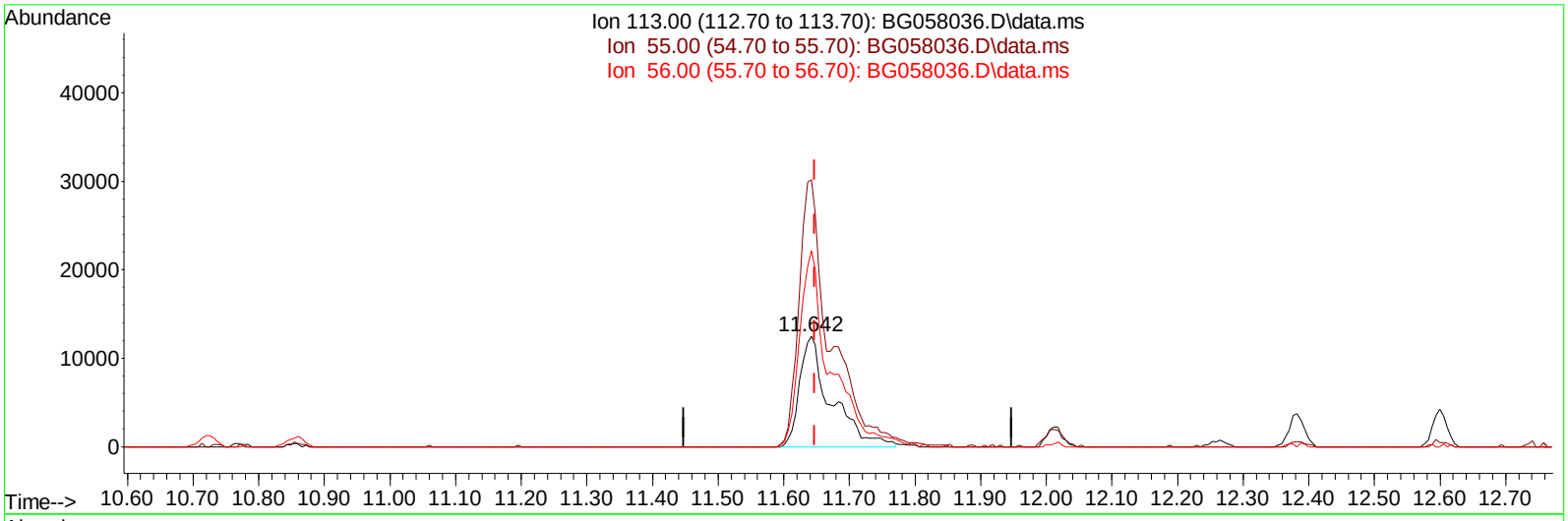

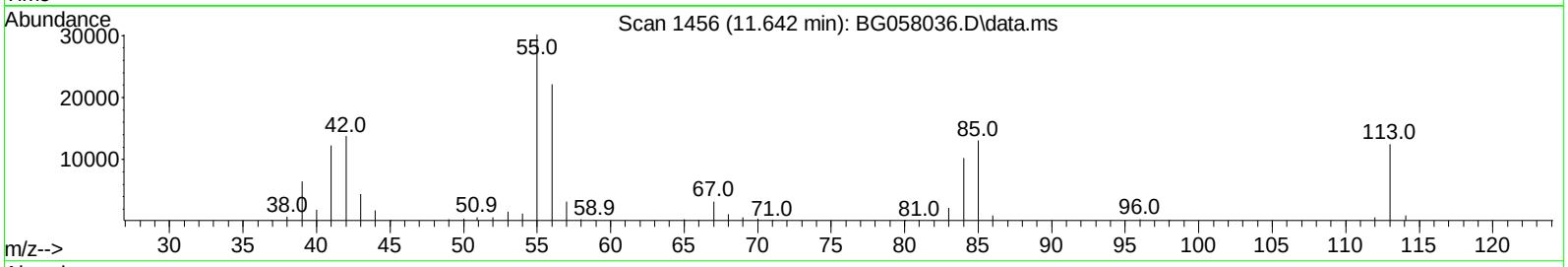

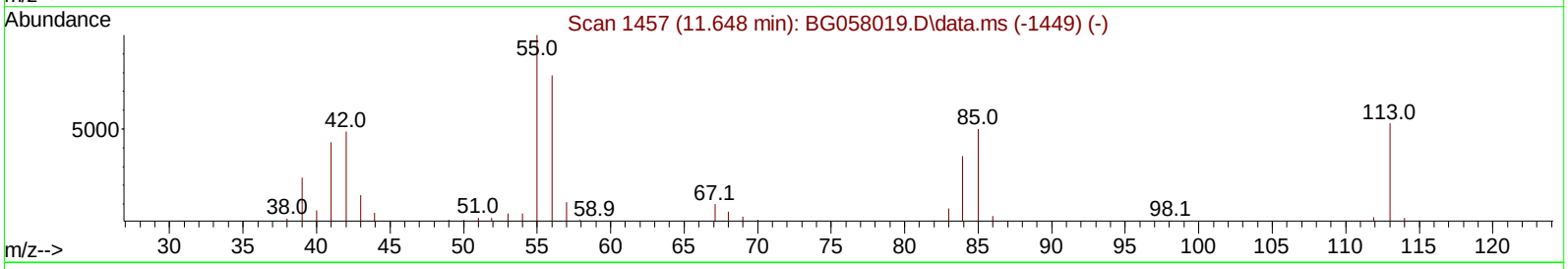

TIC: BG058036.D\data.ms

(34) Caprolactam

11.642min (-0.006) 40.14 ng/ul m

response 41345

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	241.06
56.00	153.80	177.10
0.00	0.00	0.00

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Operator : CG/JU
Sample : PB153516BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 06 06:14:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	33976	20.000	ng/ul	0.00
20) Naphthalene-d8	10.725	136	160346	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.556	164	114669	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.300	188	276701	20.000	ng/ul	0.00
79) Chrysene-d12	21.560	240	234968	20.000	ng/ul	0.00
88) Perylene-d12	24.715	264	293064	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	7878	8.119	ng/uL	0.00
4) Pyridine-d5	3.763	84	115144	39.089	ng/ul	-0.01
7) Phenol-d5	7.088	99	147535	42.520	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.247	67	90334	43.201	ng/ul	0.00
11) 2-Chlorophenol-d4	7.453	132	105154	43.940	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	117135	44.740	ng/ul	0.00
21) Nitrobenzene-d5	9.080	128	55783	42.684	ng/ul	0.00
24) 2-Nitrophenol-d4	9.803	143	62683	45.637	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.349	165	117969	44.772	ng/ul	0.00
31) 4-Chloroaniline-d4	10.855	131	157248	39.362	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	400976	44.319	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	434659	44.025	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	67184	42.030	ng/ul	0.00
60) Fluorene-d10	15.549	176	335960	43.723	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	68846	45.821	ng/ul	0.00
73) Anthracene-d10	17.400	188	540026	42.059	ng/ul	0.00
81) Pyrene-d10	19.691	212	634713	42.891	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.497	264	666812	44.660	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	16813	14.026	ng/uL#	88
5) Pyridine	3.786	79	112154	37.160	ng/ul	96
6) Benzaldehyde	7.059	77	80151	69.169	ng/ul	95
8) Phenol	7.112	94	149235	42.384	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.335	93	108290	39.831	ng/ul	99
12) 2-Chlorophenol	7.482	128	100628	40.408	ng/ul	94
13) 2-Methylphenol	8.363	108	115788	41.871	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.446	45	173790	41.527	ng/ul	97
16) Acetophenone	8.739	105	182841	42.092	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.722	70	96145	41.404	ng/ul	98
18) 4-Methylphenol	8.692	108	126598	42.339	ng/ul	98
19) Hexachloroethane	8.998	117	37572	39.356	ng/ul	96
22) Nitrobenzene	9.121	77	134994	39.790	ng/ul	98
23) Isophorone	9.644	82	293946	40.604	ng/ul	99
25) 2-Nitrophenol	9.838	139	62704	42.544	ng/ul	97
26) 2,4-Dimethylphenol	9.897	107	126913	38.294	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.126	93	162959	39.947	ng/ul	98
29) 2,4-Dichlorophenol	10.373	162	105872	41.326	ng/ul	93
30) Naphthalene	10.772	128	356385	39.550	ng/ul	98
32) 4-Chloroaniline	10.884	127	138534	33.915	ng/ul	99
33) Hexachlorobutadiene	11.054	225	71990	39.692	ng/ul	99
34) Caprolactam	11.642	113	41345m	40.142	ng/ul	
35) 4-Chloro-3-methylphenol	12.012	107	136247	43.295	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.382	142	246406	40.565	ng/ul	97
37) 1-Methylnaphthalene	12.600	142	249020	40.881	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.752	216	144131	41.245	ng/ul	99
40) Hexachlorocyclopentadiene	12.723	237	78606	35.712	ng/ul	99
41) 2,4,6-Trichlorophenol	12.993	196	99465	41.996	ng/ul	96
42) 2,4,5-Trichlorophenol	13.070	196	108598	42.398	ng/ul	98
43) 1,1'-Biphenyl	13.387	154	335102	40.552	ng/ul	100
44) 2-Chloronaphthalene	13.434	162	266180	40.135	ng/ul	99
45) 2-Nitroaniline	13.640	65	98517	42.725	ng/ul	95
47) Dimethylphthalate	14.010	163	369390	40.638	ng/ul	100
48) 2,6-Dinitrotoluene	14.133	165	79481	42.599	ng/ul	98
50) Acenaphthylene	14.280	152	428409	40.183	ng/ul	98
51) 3-Nitroaniline	14.462	138	74748	47.406	ng/ul	95
52) Acenaphthene	14.621	153	293296	40.090	ng/ul	98
53) 2,4-Dinitrophenol	14.668	184	42153	43.335	ng/ul	99
55) 4-Nitrophenol	14.779	109	47823	40.386	ng/ul	90
56) Dibenzofuran	14.956	168	426722	41.032	ng/ul	100
57) 2,4-Dinitrotoluene	14.920	165	113964	43.111	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.185	232	96826	41.525	ng/ul	95
59) Diethylphthalate	15.373	149	380394	40.095	ng/ul	98
61) Fluorene	15.602	166	343404	40.244	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.596	204	187887	41.613	ng/ul	97
63) 4-Nitroaniline	15.625	138	78178	55.348	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.684	198	66393	43.210	ng/ul	100
67) N-Nitrosodiphenylamine	15.808	169	297779	40.438	ng/ul	100
68) 4-Bromophenyl-phenylether	16.489	248	130732	43.042	ng/ul	98
69) Hexachlorobenzene	16.607	284	143360	42.157	ng/ul	98
70) Atrazine	16.753	200	83860	27.848	ng/ul	94
71) Pentachlorophenol	16.953	266	78443	38.423	ng/ul	98
72) Phenanthrene	17.347	178	565331	40.166	ng/ul	99
74) Anthracene	17.435	178	561280	39.407	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.357	216	151456	41.272	ng/uL	96
76) Pentachlorobenzene	14.873	250	165965	42.346	ng/uL	99
77) Carbazole	17.705	167	520213	40.384	ng/ul	100
78) Di-n-butylphthalate	18.258	149	649109	39.558	ng/ul	100
80) Fluoranthene	19.356	202	673379	39.270	ng/ul	99
82) Pyrene	19.721	202	676733	39.206	ng/ul	99
83) Butylbenzylphthalate	20.602	149	287891	41.131	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.454	252	249572	43.874	ng/ul	100
85) Benzo(a)anthracene	21.536	228	688945	40.836	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.442	149	409672	40.844	ng/ul	98
87) Chrysene	21.601	228	650360	41.122	ng/ul	98
89) Di-n-octyl phthalate	22.623	149	724872	40.256	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	723682	39.882	ng/ul	99
91) Benzo(k)fluoranthene	23.775	252	724362	40.727	ng/ul	100
93) Benzo(a)pyrene	24.568	252	651160	40.543	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.311	276	867754	40.687	ng/ul	98
95) Dibenzo(a,h)anthracene	28.369	278	725749	41.267	ng/ul	99
96) Benzo(g,h,i)perylene	29.445	276	710868	40.807	ng/ul	99

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

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