Quantitation Report (Qedit)

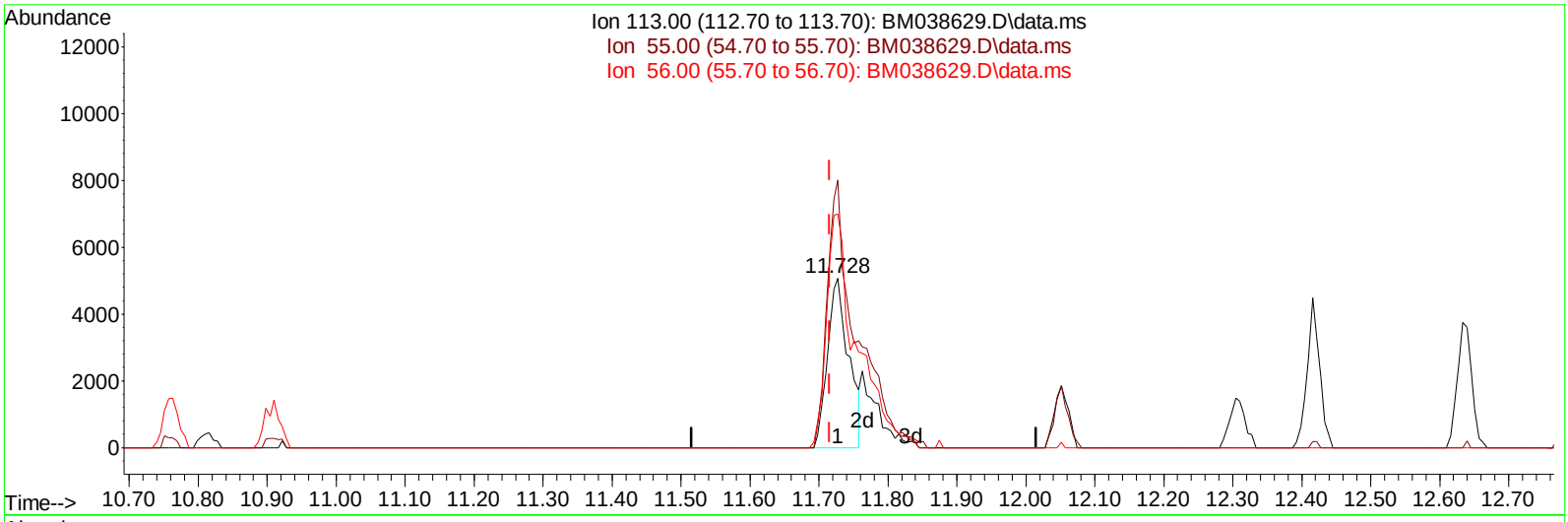
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
Data File : BM038629.D
Acq On : 31 Jan 2023 21:02
Operator : CG/JU
Sample : PB150488BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

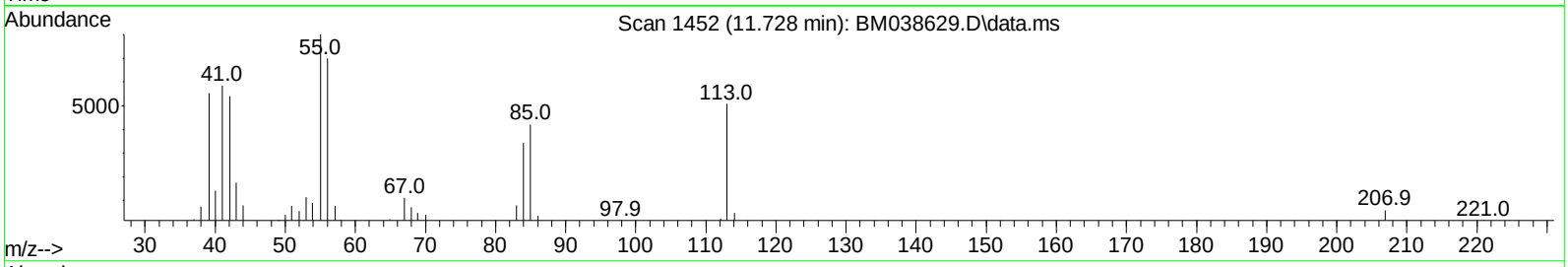
Quant Time: Feb 01 00:07:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 01:02:54 2023
Response via : Initial Calibration

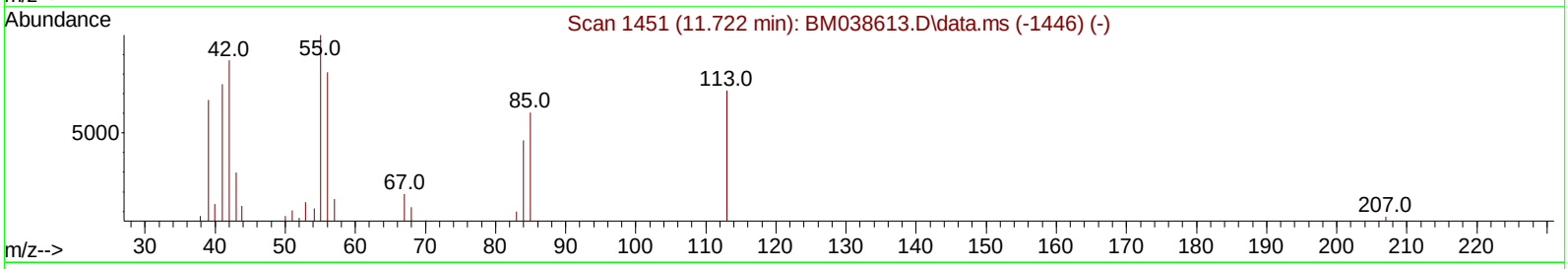
Instrument :
BNA_M
ClientSampleId :
SLCS488

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/01/2023
Supervised By :mohammad ahmed 02/01/2023







TIC: BM038629.D\data.ms

(34) Caprolactam

11.728min (+ 0.012) 19.29 ng/ul

response 10767

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	134.50	157.91
56.00	120.60	138.07
0.00	0.00	0.00

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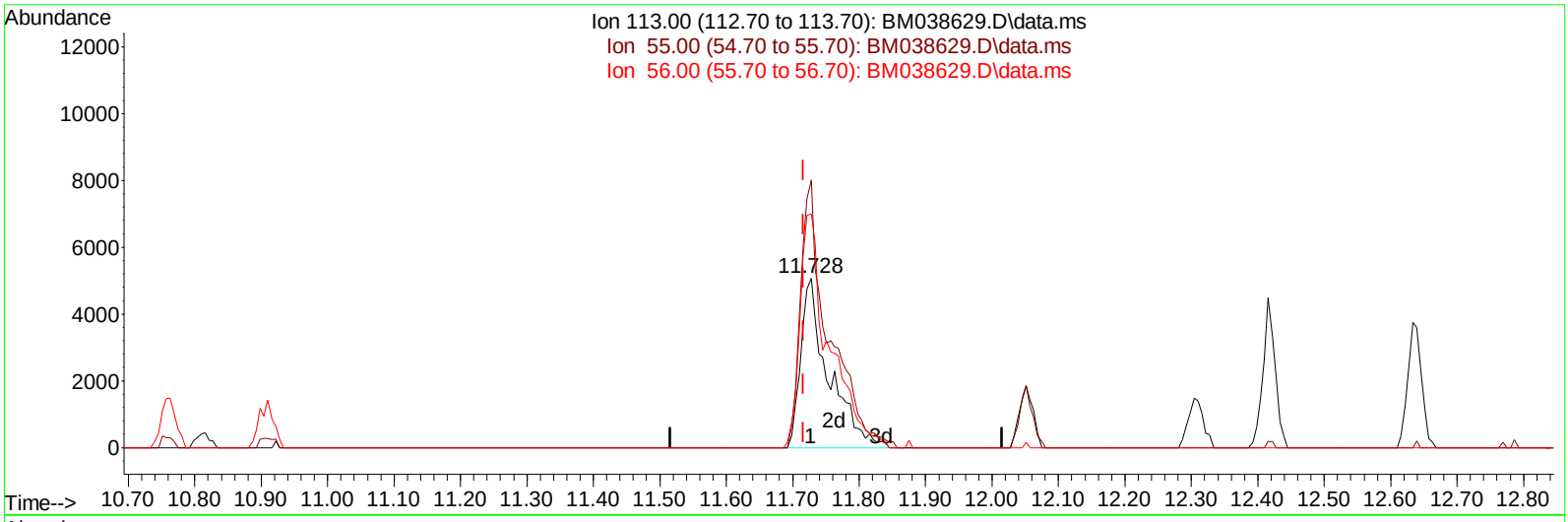

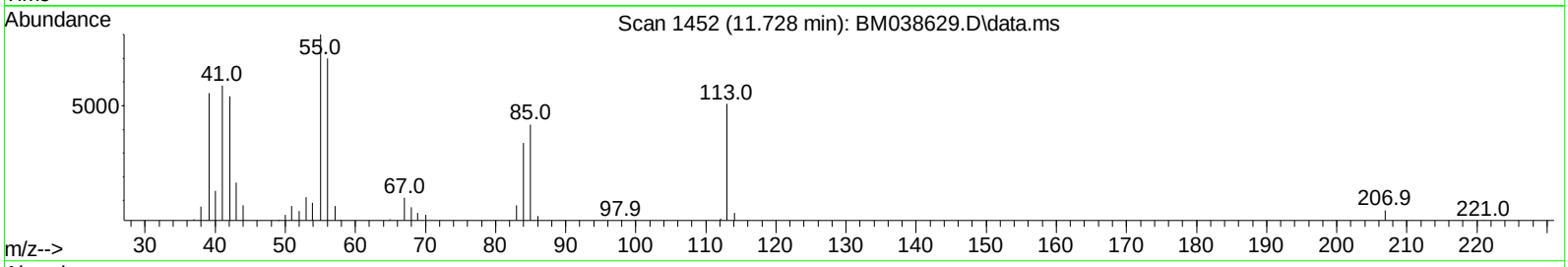

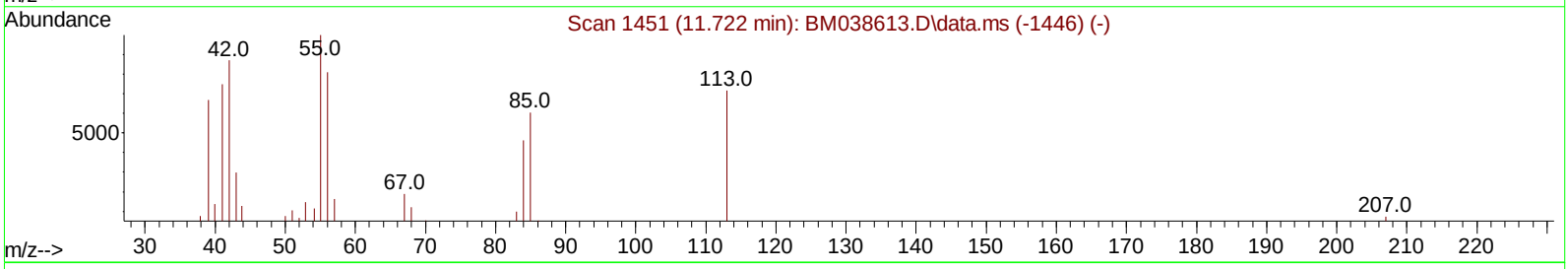

TIC: BM038629.D\data.ms

(34) Caprolactam

11.728min (+ 0.012) 26.31 ng/ul m

response 14690

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	134.50	157.91
56.00	120.60	138.07
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	7.951	152	41054	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	134768	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	103426	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.327	188	224248	20.000	ng/ul	0.00
79) Chrysene-d12	21.503	240	201971	20.000	ng/ul	0.00
88) Perylene-d12	23.909	264	267690	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	6070	5.272	ng/uL	0.00
4) Pyridine-d5	3.758	84	73645	25.543	ng/ul	0.00
7) Phenol-d5	7.116	99	78658	28.703	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	45738	28.594	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	68888	30.313	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	61475	28.115	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	31428	30.765	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	41766	30.959	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	90892	30.443	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	69241	23.864	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	239251	28.004	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	266563	29.319	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	30615	25.903	ng/ul	0.00
60) Fluorene-d10	15.580	176	214996	28.140	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	52681	27.444	ng/ul	0.00
73) Anthracene-d10	17.427	188	325060	28.798	ng/ul	0.00
81) Pyrene-d10	19.715	212	341212	32.787	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	416708	30.328	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	11482	9.255	ng/uL	95
5) Pyridine	3.781	79	73865	24.947	ng/ul	97
6) Benzaldehyde	7.093	77	52767	41.761	ng/ul	96
8) Phenol	7.146	94	79465	28.963	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.381	93	56797	28.973	ng/ul	91
12) 2-Chlorophenol	7.516	128	67515	29.606	ng/ul	94
13) 2-Methylphenol	8.398	108	59650	28.614	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.481	45	59185	29.222	ng/ul	98
16) Acetophenone	8.787	105	104348	27.013	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.769	70	53227	29.983	ng/ul#	95
18) 4-Methylphenol	8.734	108	62360	28.183	ng/ul	98
19) Hexachloroethane	9.028	117	32630	28.368	ng/ul	94
22) Nitrobenzene	9.169	77	88162	28.674	ng/ul	99
23) Isophorone	9.692	82	142752	30.683	ng/ul	97
25) 2-Nitrophenol	9.881	139	40604	30.365	ng/ul	94
26) 2,4-Dimethylphenol	9.934	107	83400	28.714	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.175	93	72814	30.694	ng/ul	97
29) 2,4-Dichlorophenol	10.410	162	85440	30.109	ng/ul	95
30) Naphthalene	10.810	128	193996	29.013	ng/ul	99
32) 4-Chloroaniline	10.934	127	69301	23.803	ng/ul	97
33) Hexachlorobutadiene	11.086	225	80255	27.214	ng/ul	98
34) Caprolactam	11.728	113	14690m	26.312	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	65995	29.441	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	150471	30.255	ng/ul	97
37) 1-Methylnaphthalene	12.639	142	153416	29.883	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.780	216	135513	26.617	ng/ul	97
40) Hexachlorocyclopentadiene	12.751	237	94521	26.017	ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	89050	28.729	ng/ul	94
42) 2,4,5-Trichlorophenol	13.098	196	93520	28.252	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	226706	28.507	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	188831	28.582	ng/ul#	92
45) 2-Nitroaniline	13.680	65	48683	27.550	ng/ul	95
47) Dimethylphthalate	14.051	163	236399	28.120	ng/ul	99
48) 2,6-Dinitrotoluene	14.174	165	46862	30.098	ng/ul#	92
50) Acenaphthylene	14.310	152	262079	28.826	ng/ul	99
51) 3-Nitroaniline	14.510	138	32642	29.126	ng/ul	94
52) Acenaphthene	14.651	153	193434	28.584	ng/ul	98
53) 2,4-Dinitrophenol	14.716	184	32525	25.986	ng/ul	92
55) 4-Nitrophenol	14.816	109	50468	25.452	ng/ul#	89
56) Dibenzofuran	14.986	168	279432	27.763	ng/ul	94
57) 2,4-Dinitrotoluene	14.963	165	65492	28.539	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.210	232	73240	25.270	ng/ul	99
59) Diethylphthalate	15.404	149	219463	27.847	ng/ul	99
61) Fluorene	15.633	166	240880	28.417	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.627	204	155075	26.000	ng/ul	93
63) 4-Nitroaniline	15.669	138	30372	32.871	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.721	198	48896	26.991	ng/ul	99
67) N-Nitrosodiphenylamine	15.839	169	197136	31.181	ng/ul	99
68) 4-Bromophenyl-phenylether	16.515	248	89566	28.346	ng/ul	98
69) Hexachlorobenzene	16.633	284	103772	28.134	ng/ul	94
70) Atrazine	16.792	200	85021	26.801	ng/ul	98
71) Pentachlorophenol	16.980	266	60974	25.843	ng/ul	95
72) Phenanthrene	17.374	178	340646	29.068	ng/ul	99
74) Anthracene	17.462	178	350079	28.527	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	128063	29.712	ng/uL	99
76) Pentachlorobenzene	14.904	250	124812	27.829	ng/uL	98
77) Carbazole	17.739	167	274469	25.767	ng/ul	97
78) Di-n-butylphthalate	18.286	149	314373	30.504	ng/ul	99
80) Fluoranthene	19.380	202	406832	33.726	ng/ul	100
82) Pyrene	19.745	202	419347	32.758	ng/ul	99
83) Butylbenzylphthalate	20.633	149	124244	33.648	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.421	252	135790	27.368	ng/ul	99
85) Benzo(a)anthracene	21.492	228	415318	29.029	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	166200	31.633	ng/ul	100
87) Chrysene	21.545	228	387139	29.234	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	298400	26.321	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	492907	29.783	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	483294	29.297	ng/ul	99
93) Benzo(a)pyrene	23.803	252	454355	29.646	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.415	276	712352	29.405	ng/ul	99
95) Dibenzo(a,h)anthracene	26.427	278	602404	29.299	ng/ul	99
96) Benzo(g,h,i)perylene	27.191	276	575487	29.267	ng/ul	99

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

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