Quantitation Report (Qedit)

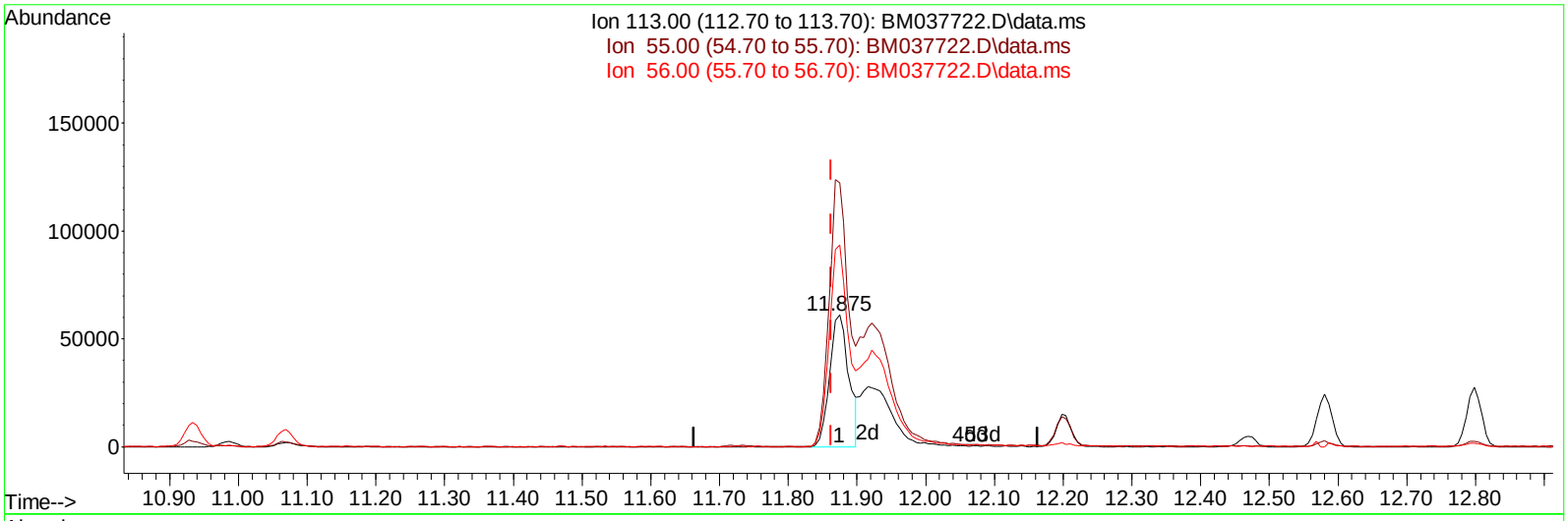
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037722.D
Acq On : 26 Nov 2022 08:09
Operator : CG/JU
Sample : PB149274BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

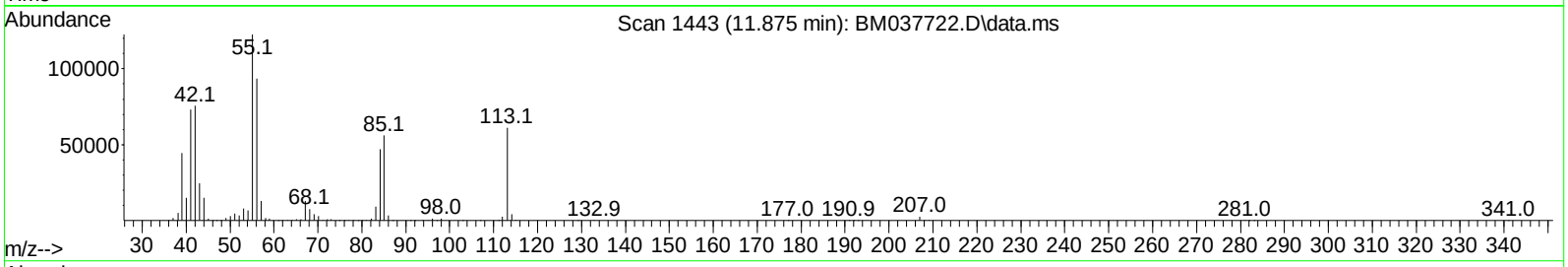
Quant Time: Nov 27 21:25:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:27:15 2022
Response via : Initial Calibration

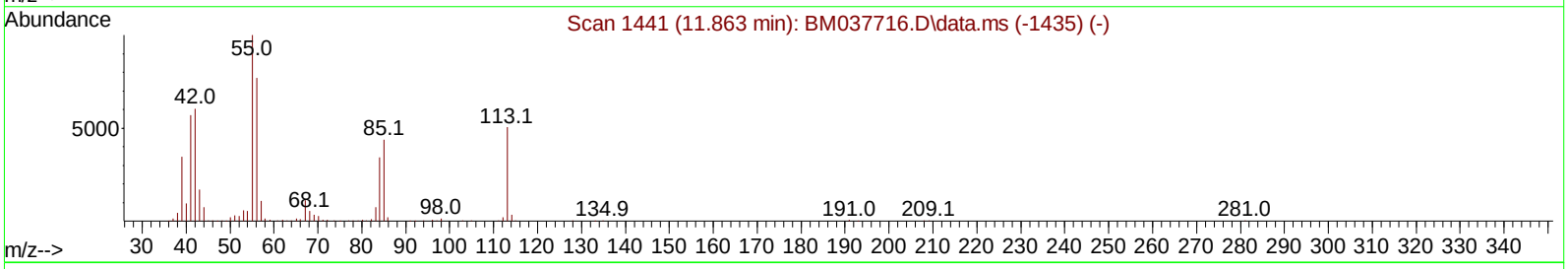
Instrument :
BNA_M
ClientSampleId :
SLCS274

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/28/2022
Supervised By :mohammad ahmed 11/28/2022







TIC: BM037722.D\data.ms

(34) Caprolactam

11.875min (+ 0.012) 16.09 ng/ul

response 119304

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	200.80
56.00	150.40	153.17
0.00	0.00	0.00

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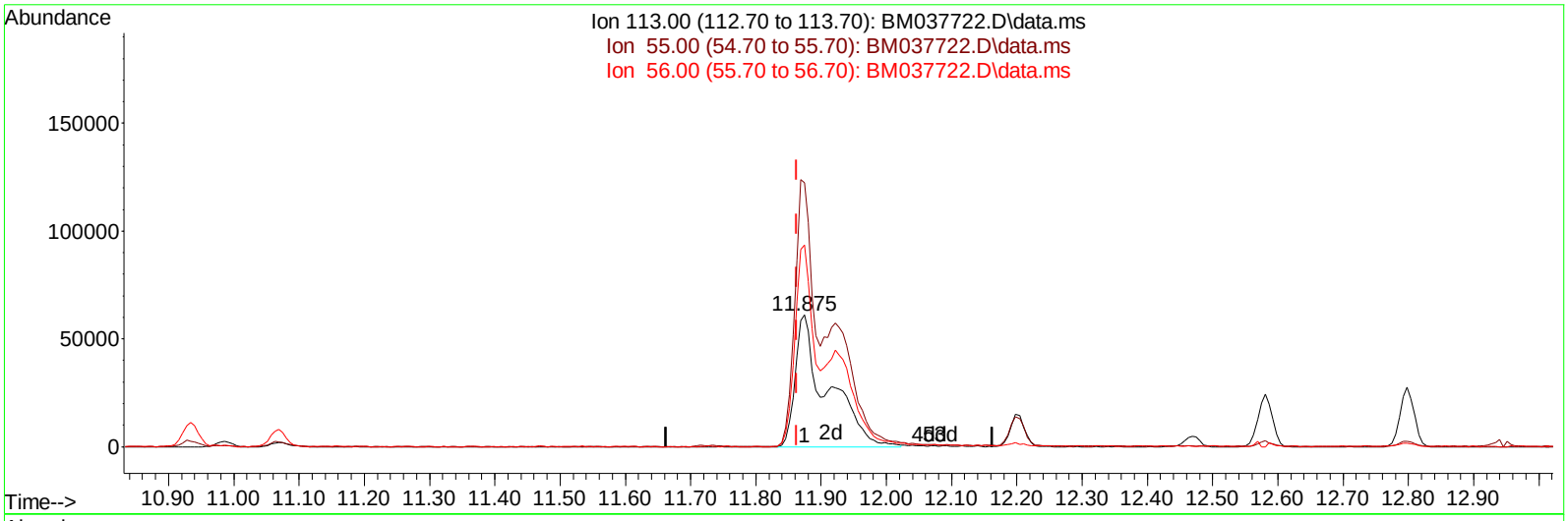

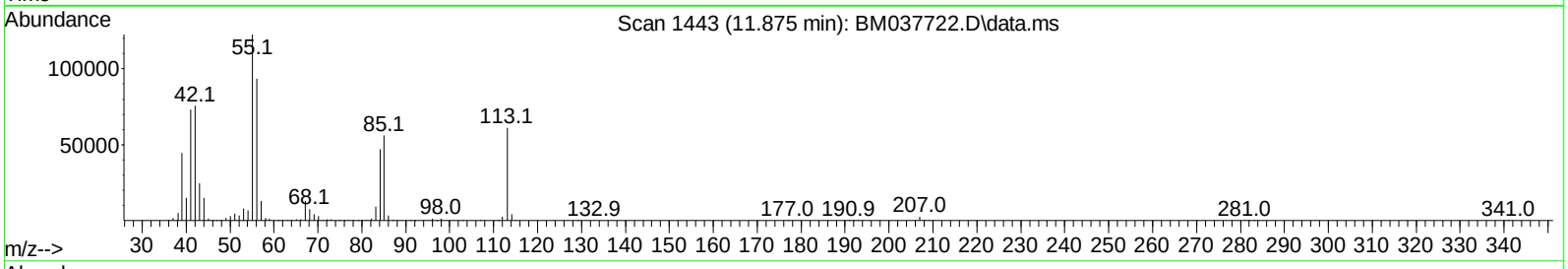

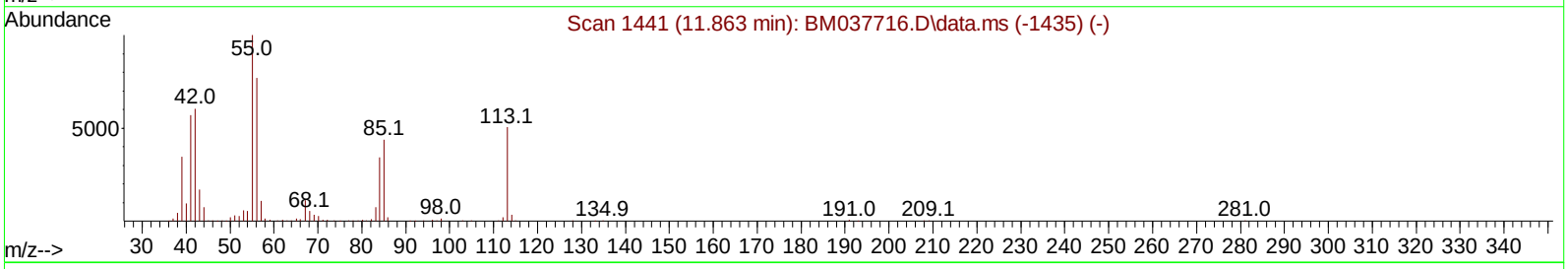

TIC: BM037722.D\data.ms

(34) Caprolactam

11.875min (+ 0.012) 28.23 ng/ul m

response 209366

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	200.80
56.00	150.40	153.17
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	8.110	152	248802	20.000	ng/ul	0.00
20) Naphthalene-d8	10.933	136	1231267	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	776001	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	1581066	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1398671	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1225755	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	34679	5.780	ng/uL	0.00
4) Pyridine-d5	3.869	84	513985	26.321	ng/ul	0.00
7) Phenol-d5	7.257	99	754906	30.413	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	504454	30.466	ng/ul	0.00
11) 2-Chlorophenol-d4	7.640	132	546020	31.657	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	608122	30.787	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	305728	31.673	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	298494	31.384	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	553707	31.812	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	848283	29.370	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	1746984	31.783	ng/ul	0.00
49) Acenaphthylene-d8	14.433	160	2058543	31.729	ng/ul	0.00
54) 4-Nitrophenol-d4	14.921	143	372845	30.795	ng/ul	0.00
60) Fluorene-d10	15.727	176	1508969	31.346	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	255553	30.047	ng/ul	0.00
73) Anthracene-d10	17.574	188	2276468	30.790	ng/ul	0.00
81) Pyrene-d10	19.851	212	2518307	35.431	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	2047430	32.451	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	71930	10.906	ng/uL#	92
5) Pyridine	3.893	79	535355	26.960	ng/ul	99
6) Benzaldehyde	7.240	77	454358	34.876	ng/ul	98
8) Phenol	7.287	94	763767	29.355	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.528	93	603509	28.611	ng/ul	99
12) 2-Chlorophenol	7.669	128	571237	30.318	ng/ul	97
13) 2-Methylphenol	8.551	108	576211	29.030	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.645	45	1108349	29.090	ng/ul	99
16) Acetophenone	8.945	105	945846	29.089	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.928	70	553998	29.070	ng/ul	97
18) 4-Methylphenol	8.887	108	652178	29.740	ng/ul	96
19) Hexachloroethane	9.204	117	243462	29.876	ng/ul	97
22) Nitrobenzene	9.328	77	801469	30.452	ng/ul	99
23) Isophorone	9.857	82	1539299	29.019	ng/ul	99
25) 2-Nitrophenol	10.039	139	324907	30.203	ng/ul	94
26) 2,4-Dimethylphenol	10.092	107	677209	28.665	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.334	93	873391	28.702	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	535518	30.074	ng/ul	99
30) Naphthalene	10.986	128	1993478	29.611	ng/ul	100
32) 4-Chloroaniline	11.092	127	780525	25.932	ng/ul	99
33) Hexachlorobutadiene	11.269	225	279148	29.863	ng/ul	100
34) Caprolactam	11.875	113	209366m	28.232	ng/ul	
35) 4-Chloro-3-methylphenol	12.204	107	696596	30.603	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.580	142	1369779	29.290	ng/ul	98
37) 1-Methylnaphthalene	12.798	142	1379664	29.324	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.945	216	560087	29.394	ng/ul	97
40) Hexachlorocyclopentadiene	12.927	237	309155	26.055	ng/ul	99
41) 2,4,6-Trichlorophenol	13.180	196	408717	29.788	ng/ul	100
42) 2,4,5-Trichlorophenol	13.245	196	439960	29.969	ng/ul	99
43) 1,1'-Biphenyl	13.580	154	1783728	30.269	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	1362565	29.749	ng/ul	98
45) 2-Nitroaniline	13.822	65	561463	32.334	ng/ul	98
47) Dimethylphthalate	14.192	163	1753993	30.021	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	358562	31.782	ng/ul	98
50) Acenaphthylene	14.463	152	2226490	30.360	ng/ul	100
51) 3-Nitroaniline	14.639	138	424401	31.001	ng/ul	98
52) Acenaphthene	14.804	153	1575795	30.045	ng/ul	100
53) 2,4-Dinitrophenol	14.839	184	178501	26.967	ng/ul	92
55) 4-Nitrophenol	14.939	109	347062	31.988	ng/ul	90
56) Dibenzofuran	15.133	168	2036639	29.752	ng/ul	95
57) 2,4-Dinitrotoluene	15.092	165	517907	31.284	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.357	232	356332	29.583	ng/ul	98
59) Diethylphthalate	15.545	149	1920213	30.450	ng/ul	99
61) Fluorene	15.780	166	1756105	29.615	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.768	204	770306	29.779	ng/ul	97
63) 4-Nitroaniline	15.798	138	442193	33.985	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.851	198	258440	28.630	ng/ul	93
67) N-Nitrosodiphenylamine	15.980	169	1488664	30.303	ng/ul	98
68) 4-Bromophenyl-phenylether	16.663	248	418915	32.941	ng/ul	98
69) Hexachlorobenzene	16.780	284	479260	29.343	ng/ul	96
70) Atrazine	16.927	200	383365	22.991	ng/ul	99
71) Pentachlorophenol	17.121	266	297354	27.496	ng/ul	99
72) Phenanthrene	17.515	178	2778682	30.002	ng/ul	99
74) Anthracene	17.610	178	2760097	29.354	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.545	216	565089	29.877	ng/uL	100
76) Pentachlorobenzene	15.051	250	540097	26.848	ng/uL	98
77) Carbazole	17.874	167	2598117	29.064	ng/ul	99
78) Di-n-butylphthalate	18.427	149	3373232	26.068	ng/ul	99
80) Fluoranthene	19.515	202	3087315	34.003	ng/ul	100
82) Pyrene	19.880	202	3204093	33.410	ng/ul	99
83) Butylbenzylphthalate	20.762	149	1519957	34.023	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.550	252	854084	30.405	ng/ul	99
85) Benzo(a)anthracene	21.621	228	2860533	30.571	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	2167337	32.110	ng/ul	98
87) Chrysene	21.680	228	2653523	30.135	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	3661328	34.967	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	2650852	31.812	ng/ul	98
91) Benzo(k)fluoranthene	23.415	252	2463821	30.319	ng/ul	99
93) Benzo(a)pyrene	24.021	252	2219412	30.644	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.738	276	2349285	28.275	ng/ul	98
95) Dibenzo(a,h)anthracene	26.756	278	2069004	27.735	ng/ul	100
96) Benzo(g,h,i)perylene	27.550	276	2014615	27.844	ng/ul	98

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

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