Quantitation Report (Qedit)

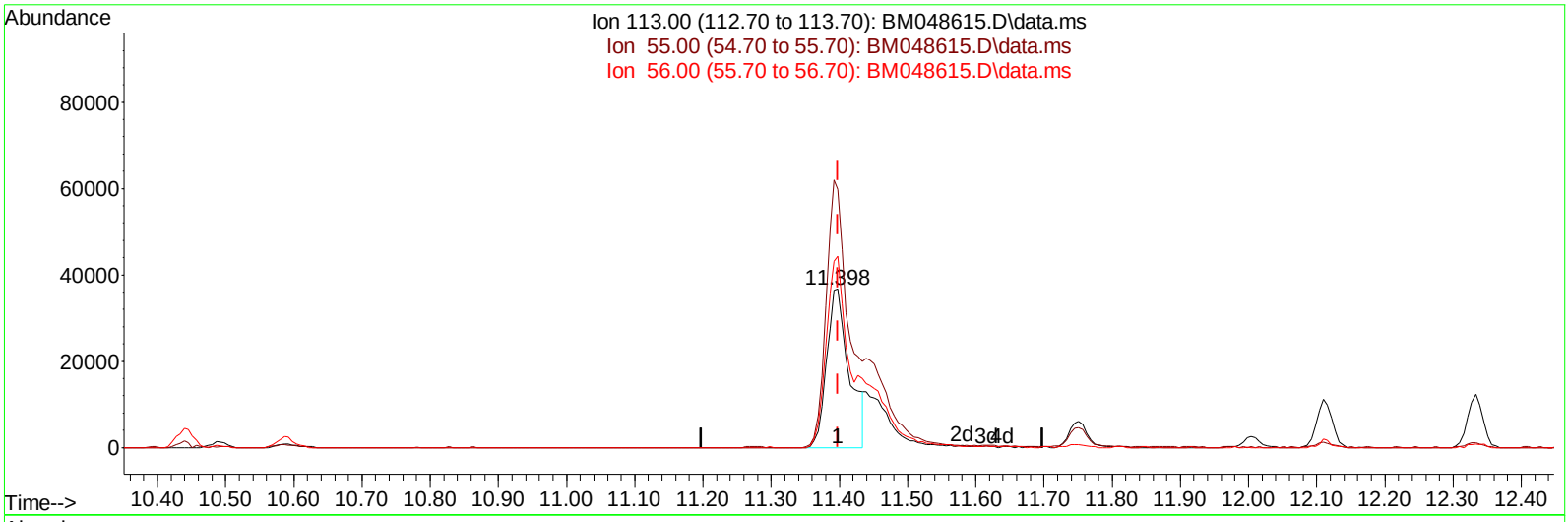
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
Data File : BM048615.D
Acq On : 12 Nov 2024 11:27
Operator : RC/JU
Sample : PB164732BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

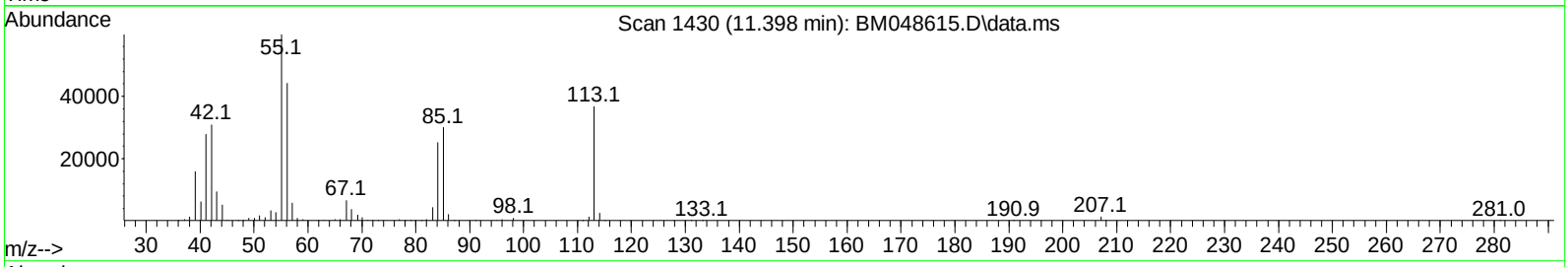
Quant Time: Nov 12 12:43:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:50:20 2024
Response via : Initial Calibration

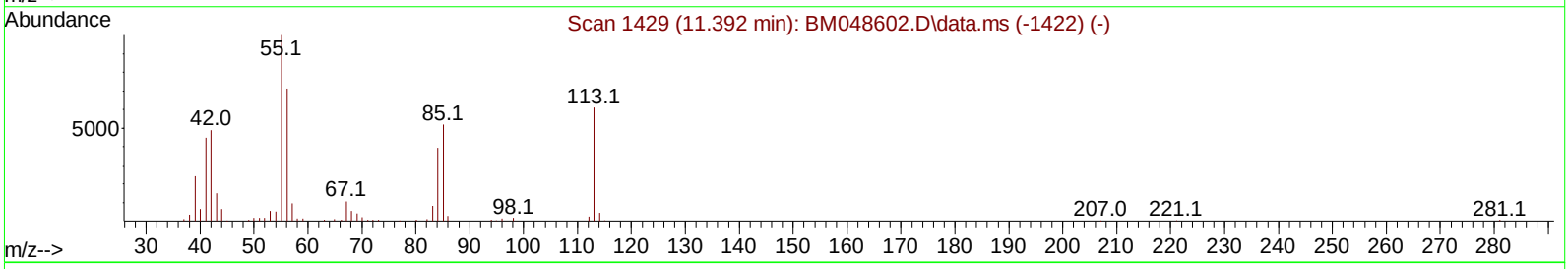
Instrument :
BNA_M
ClientSampleId :
SLCS732

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024







TIC: BM048615.D\data.ms

(34) Caprolactam

11.398min (+ 0.000) 24.73 ng/ul

response 83958

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.10	163.07
56.00	130.10	120.63
0.00	0.00	0.00

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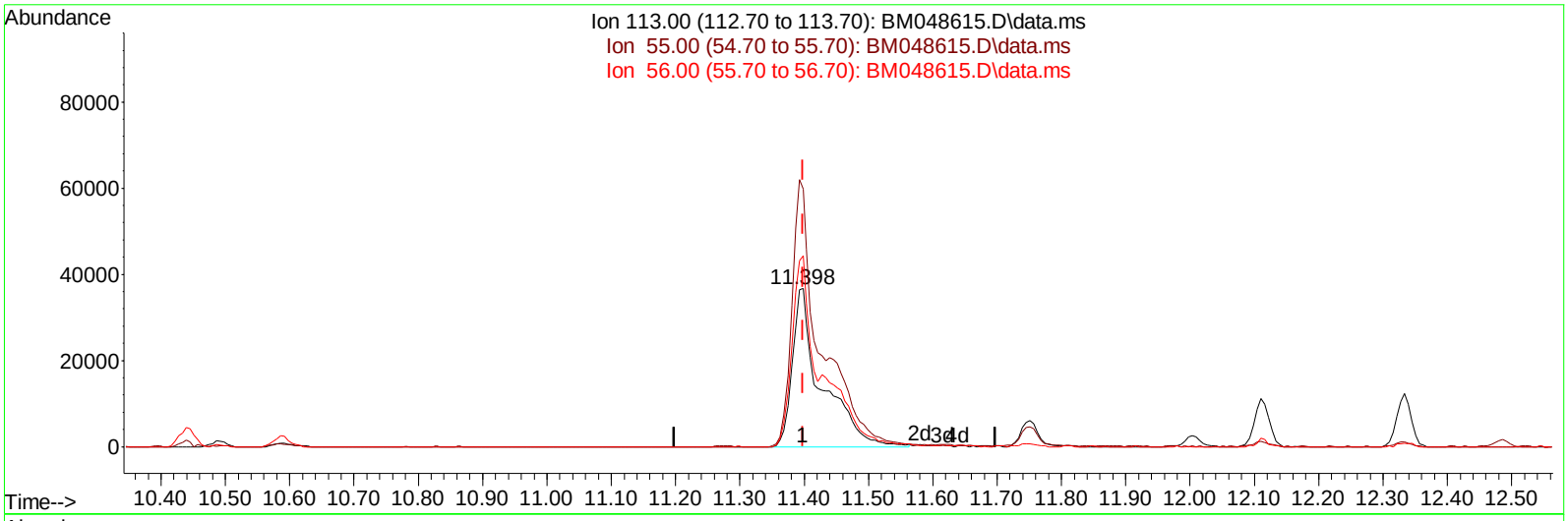

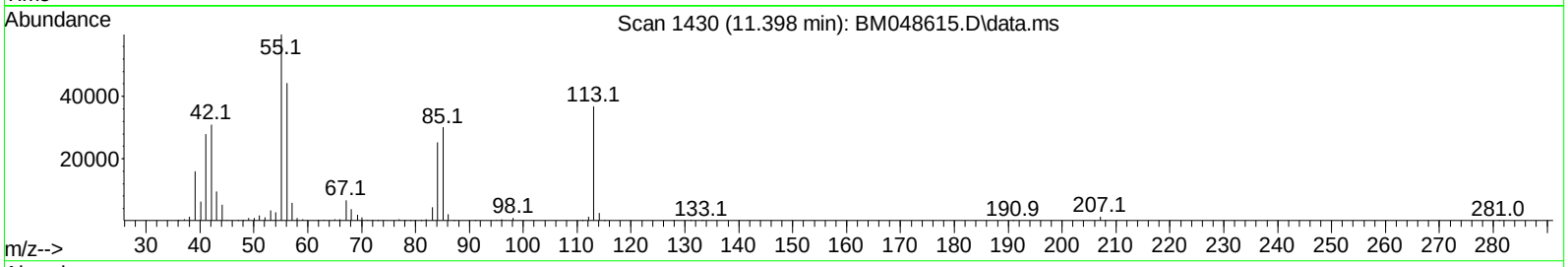

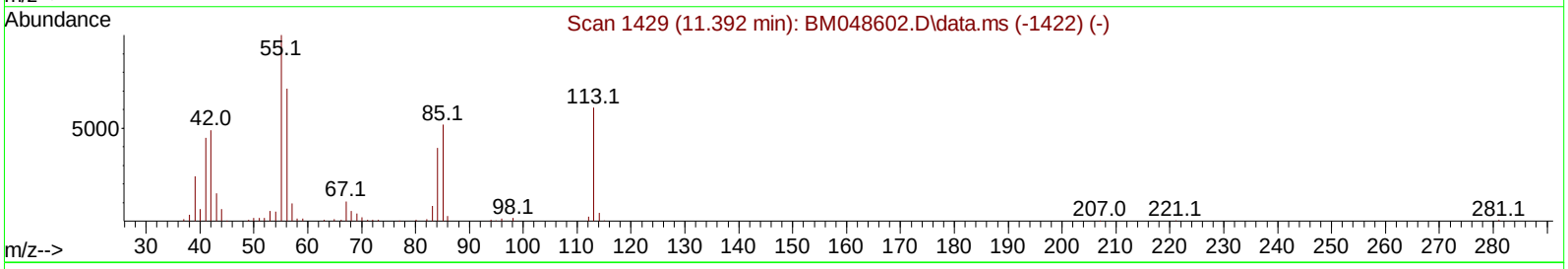

TIC: BM048615.D\data.ms

(34) Caprolactam

11.398min (+ 0.000) 34.26 ng/ul m

response 116334

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.10	163.07
56.00	130.10	120.63
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	7.657	152	176121	20.000	ng/ul	0.00
20) Naphthalene-d8	10.439	136	741627	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.304	164	474151	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.051	188	980902	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	909037	20.000	ng/ul	-0.01
88) Perylene-d12	24.180	264	1031225	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	25951	5.874	ng/uL	0.00
4) Pyridine-d5	3.540	84	384269	31.561	ng/ul	0.00
7) Phenol-d5	6.839	99	465306	34.706	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	260339	32.329	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.192	132	392730	35.362	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	364909	34.615	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	180974	33.668	ng/ul	0.00
24) 2-Nitrophenol-d4	9.533	143	198145	34.657	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	370825	34.914	ng/ul	0.00
31) 4-Chloroaniline-d4	10.586	131	458611	30.399	ng/ul	-0.01
46) Dimethylphthalate-d6	13.721	166	1011506	33.419	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1183186	33.156	ng/ul	0.00
54) 4-Nitrophenol-d4	14.527	143	195653	34.803	ng/ul	0.00
60) Fluorene-d10	15.298	176	880909	33.342	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.433	200	168684	34.184	ng/ul	0.00
73) Anthracene-d10	17.151	188	1378230	33.203	ng/ul	0.00
81) Pyrene-d10	19.445	212	1610138	35.294	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.985	264	1635753	33.949	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	54947	11.333	ng/uL	94
5) Pyridine	3.557	79	392968	31.442	ng/ul	97
6) Benzaldehyde	6.810	77	27542	4.157	ng/ul	98
8) Phenol	6.869	94	487386	34.648	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.087	93	356606	32.259	ng/ul	99
12) 2-Chlorophenol	7.228	128	400497	34.809	ng/ul	98
13) 2-Methylphenol	8.110	108	361680	34.734	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.175	45	524886	32.288	ng/ul	98
16) Acetophenone	8.481	105	544098	33.111	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.469	70	263429	34.112	ng/ul	98
18) 4-Methylphenol	8.439	108	395196	34.662	ng/ul	97
19) Hexachloroethane	8.728	117	155051	31.889	ng/ul	99
22) Nitrobenzene	8.857	77	407336	33.422	ng/ul	96
23) Isophorone	9.386	82	745008	33.047	ng/ul	98
25) 2-Nitrophenol	9.569	139	216572	34.758	ng/ul	96
26) 2,4-Dimethylphenol	9.633	107	365770	31.428	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.863	93	467217	33.202	ng/ul	98
29) 2,4-Dichlorophenol	10.098	162	372536	34.578	ng/ul	98
30) Naphthalene	10.492	128	1189888	31.699	ng/ul	100
32) 4-Chloroaniline	10.610	127	279060	19.618	ng/ul	99
33) Hexachlorobutadiene	10.775	225	228026	31.276	ng/ul	99
34) Caprolactam	11.398	113	116334m	34.260	ng/ul	
35) 4-Chloro-3-methylphenol	11.751	107	371011	35.588	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	800500	33.329	ng/ul	97
37) 1-Methylnaphthalene	12.333	142	786817	31.922	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.486	216	422783	31.116	ng/ul	99
40) Hexachlorocyclopentadiene	12.463	237	178454	25.695	ng/ul	100
41) 2,4,6-Trichlorophenol	12.733	196	285037	33.212	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	312858	34.230	ng/ul	100
43) 1,1'-Biphenyl	13.133	154	1033341	31.873	ng/ul	99
44) 2-Chloronaphthalene	13.174	162	819463	32.031	ng/ul	99
45) 2-Nitroaniline	13.392	65	232211	36.144	ng/ul	92
47) Dimethylphthalate	13.768	163	1003102	32.993	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	207482	35.797	ng/ul	94
50) Acenaphthylene	14.027	152	1274555	32.403	ng/ul	99
51) 3-Nitroaniline	14.221	138	218929	34.782	ng/ul	99
52) Acenaphthene	14.368	153	885386	31.972	ng/ul	100
53) 2,4-Dinitrophenol	14.439	184	103595	33.242	ng/ul	94
55) 4-Nitrophenol	14.545	109	138628	34.109	ng/ul	97
56) Dibenzofuran	14.704	168	1231431	32.235	ng/ul	100
57) 2,4-Dinitrotoluene	14.686	165	312216	37.058	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.939	232	259925	34.188	ng/ul	99
59) Diethylphthalate	15.139	149	1009190	33.690	ng/ul	100
61) Fluorene	15.357	166	976448	32.284	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.351	204	482113	32.355	ng/ul	99
63) 4-Nitroaniline	15.392	138	237071	38.249	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.451	198	179835	33.490	ng/ul#	94
67) N-Nitrosodiphenylamine	15.568	169	829706	32.094	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	302543	32.704	ng/ul	96
69) Hexachlorobenzene	16.362	284	354750	31.774	ng/ul	98
70) Atrazine	16.527	200	296384	31.499	ng/ul	97
71) Pentachlorophenol	16.709	266	235372	33.170	ng/ul	99
72) Phenanthrene	17.092	178	1574082	32.356	ng/ul	99
74) Anthracene	17.186	178	1583190	32.427	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	418993	29.943	ng/uL	100
76) Pentachlorobenzene	14.627	250	412282	30.240	ng/uL	100
77) Carbazole	17.462	167	1483888	33.743	ng/ul	99
78) Di-n-butylphthalate	18.021	149	1791936	34.658	ng/ul	99
80) Fluoranthene	19.115	202	1839032	34.742	ng/ul	99
82) Pyrene	19.474	202	1973135	34.377	ng/ul	99
83) Butylbenzylphthalate	20.380	149	828346	37.571	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.186	252	551573	33.395	ng/ul	99
85) Benzo(a)anthracene	21.256	228	1940557	33.864	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	1186813	36.900	ng/ul	99
87) Chrysene	21.321	228	1816022	32.979	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	2069375	35.597	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1950707	34.363	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1917306	33.875	ng/ul	100
93) Benzo(a)pyrene	24.050	252	1808359	33.882	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.456	276	2286330	32.963	ng/ul	98
95) Dibenzo(a,h)anthracene	27.503	278	1872484	33.052	ng/ul	99
96) Benzo(g,h,i)perylene	28.473	276	1790375	32.921	ng/ul	99

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

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