Quantitation Report (Qedit)

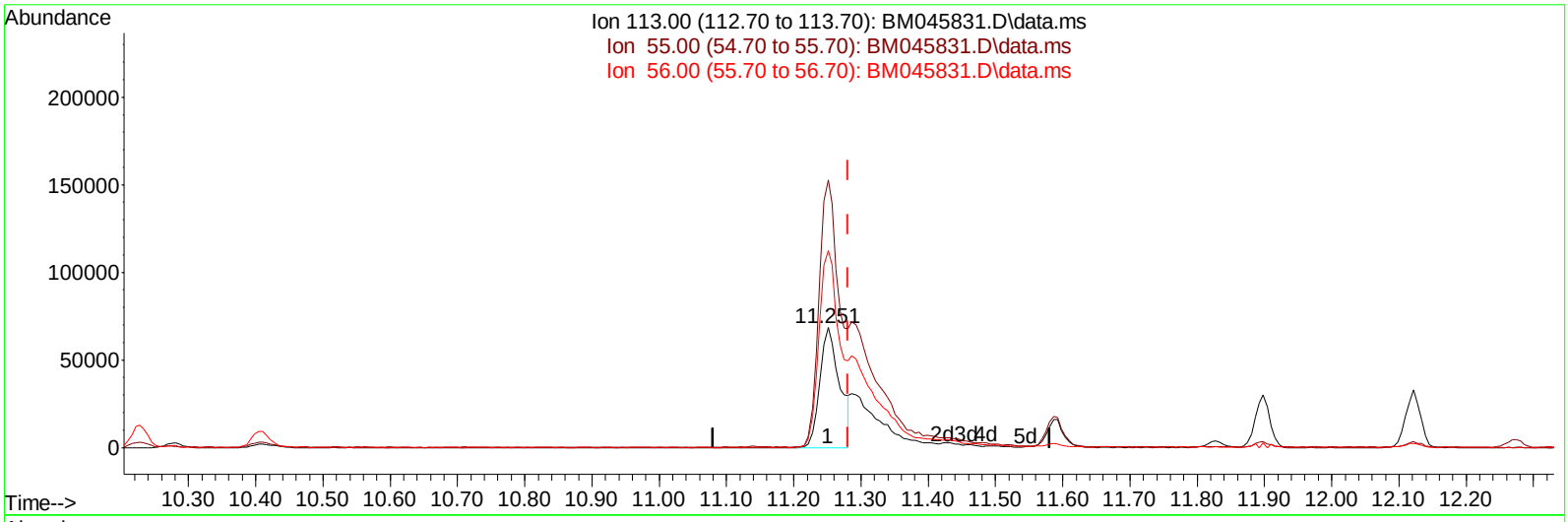
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045831.D
Acq On : 05 Jun 2024 00:29
Operator : MA/JU
Sample : PB161139BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

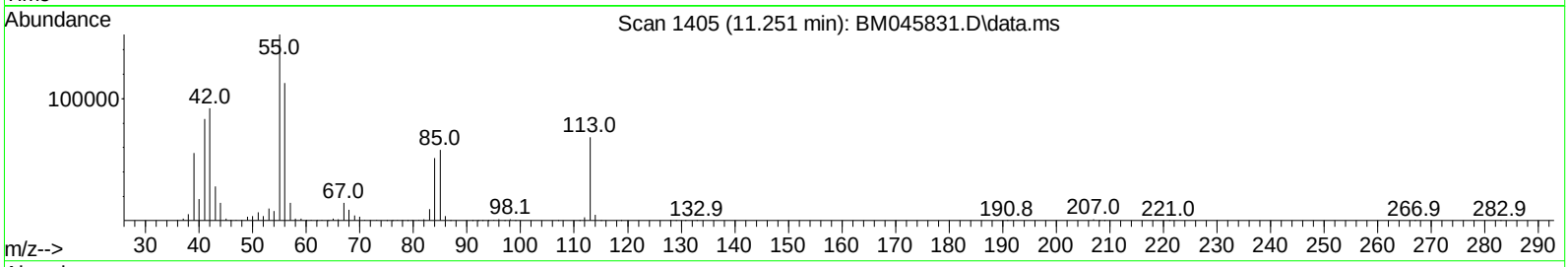
Quant Time: Jun 05 01:06:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

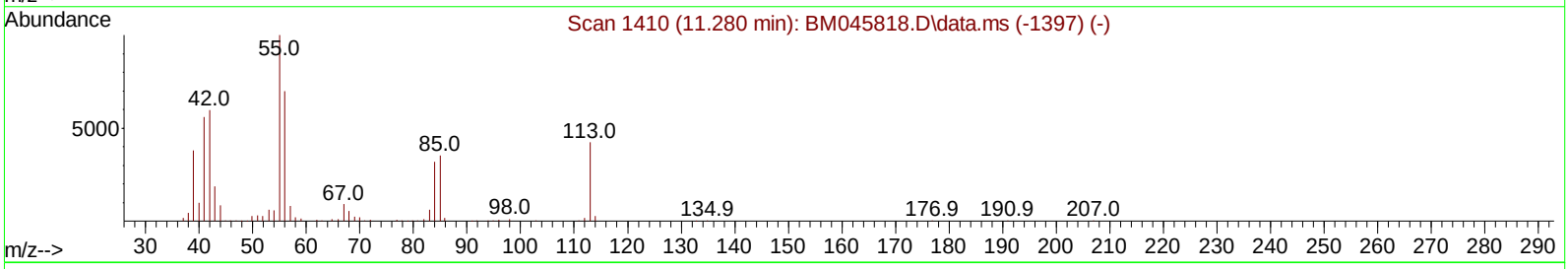
Instrument :
BNA_M
ClientSampleId :
SLCS139

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024







TIC: BM045831.D\data.ms

(34) Caprolactam

11.251min (-0.029) 25.88 ng/ul

response 140103

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	222.85
56.00	162.60	164.45
0.00	0.00	0.00

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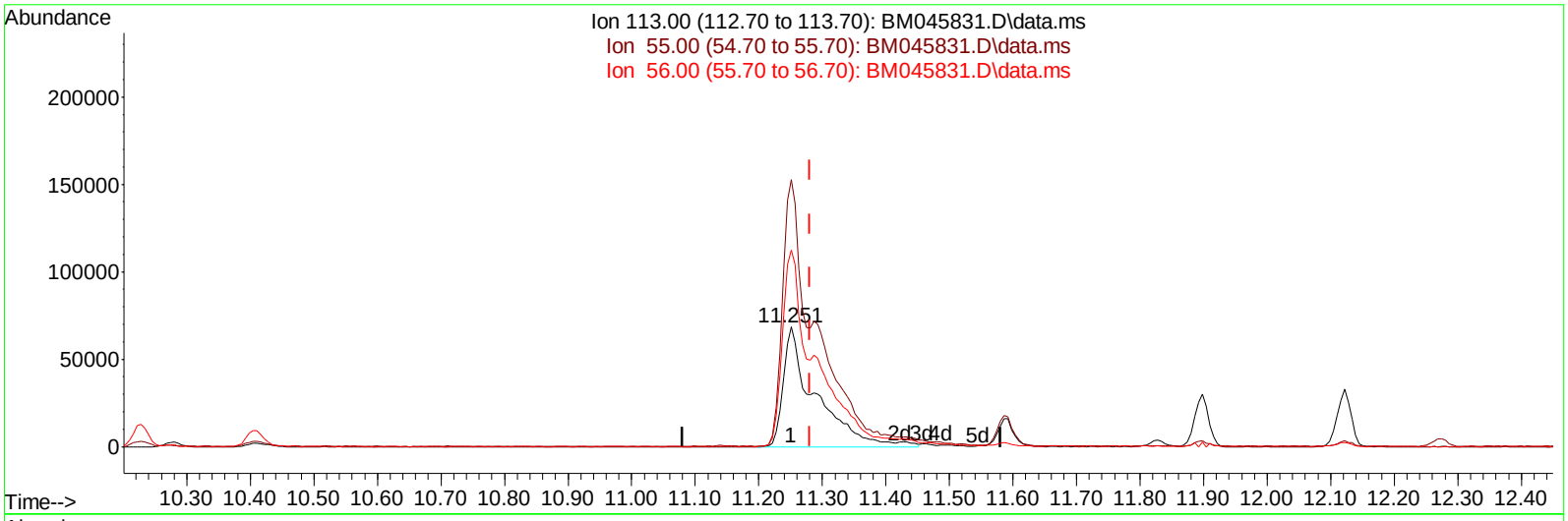

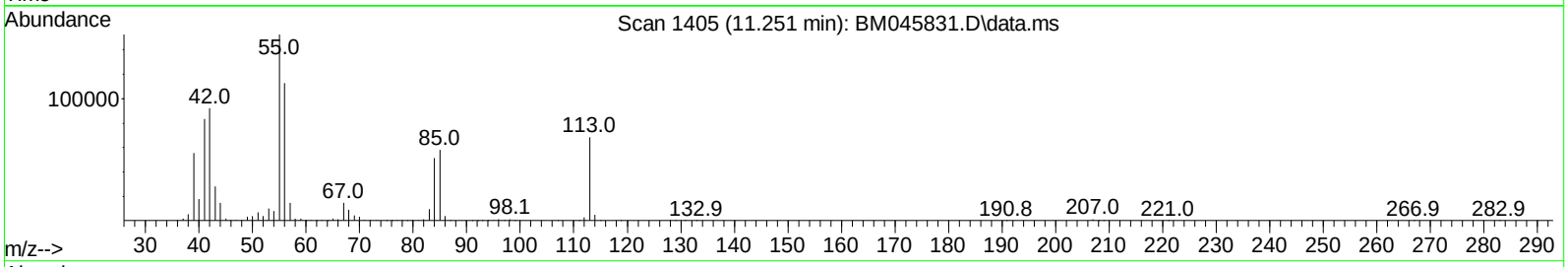

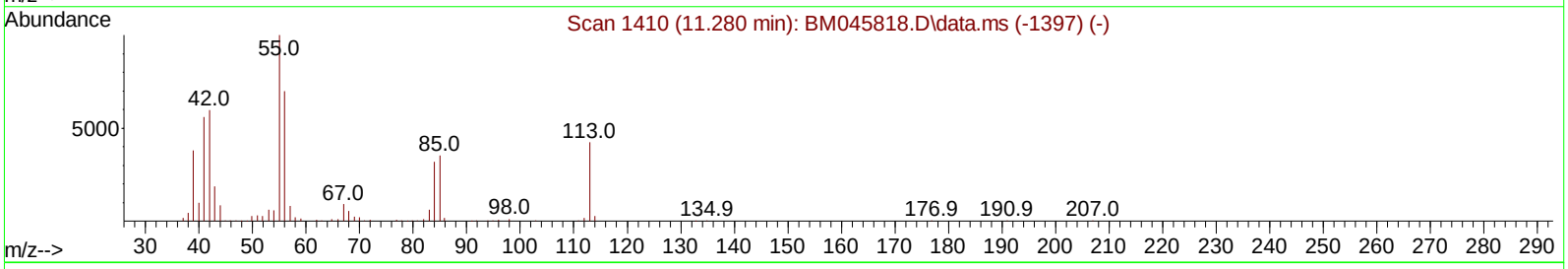

TIC: BM045831.D\data.ms

(34) Caprolactam

11.251min (-0.029) 44.39 ng/ul m

response 240364

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	222.85
56.00	162.60	164.45
0.00	0.00	0.00

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Misc :
ALS Vial : 21 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	300314	20.000	ng/ul	0.00
20) Naphthalene-d8	10.228	136	1300284	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.104	164	793093	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.851	188	1480213	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240	873569	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	895199	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	49594	6.403	ng/uL	0.00
4) Pyridine-d5	3.457	84	698628	35.029	ng/ul	-0.01
7) Phenol-d5	6.722	99	980575	38.435	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	673741	36.777	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	778014	40.826	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	777526	40.339	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	398500	39.197	ng/ul	0.00
24) 2-Nitrophenol-d4	9.339	143	427458	41.544	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	787497	40.814	ng/ul	0.00
31) 4-Chloroaniline-d4	10.410	131	1048708	39.271	ng/ul	-0.01
46) Dimethylphthalate-d6	13.557	166	2235116	40.708	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	2511817	39.396	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	472082	39.840	ng/ul	0.00
60) Fluorene-d10	15.104	176	1796770	38.360	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	236597	31.301	ng/ul	0.00
73) Anthracene-d10	16.951	188	2525417	39.246	ng/ul	0.00
81) Pyrene-d10	19.251	212	2470235	45.470	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1705547	40.764	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.081	88	105357	12.289	ng/uL	96
5) Pyridine	3.475	79	724282	35.361	ng/ul	95
6) Benzaldehyde	6.634	77	592073	49.341	ng/ul	95
8) Phenol	6.745	94	985468	37.245	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.922	93	766953	34.728	ng/ul	98
12) 2-Chlorophenol	7.057	128	748998	37.307	ng/ul	99
13) 2-Methylphenol	7.963	108	732076	37.785	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.998	45	1565177	35.983	ng/ul	99
16) Acetophenone	8.298	105	1193972	37.168	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.287	70	667304	37.592	ng/ul	97
18) 4-Methylphenol	8.292	108	791505	39.481	ng/ul	99
19) Hexachloroethane	8.528	117	341924	35.459	ng/ul	98
22) Nitrobenzene	8.669	77	1010465	35.514	ng/ul	99
23) Isophorone	9.192	82	1908183	37.955	ng/ul	100
25) 2-Nitrophenol	9.369	139	442807	39.370	ng/ul	97
26) 2,4-Dimethylphenol	9.475	107	745145	32.656	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.675	93	1082032	35.450	ng/ul	100
29) 2,4-Dichlorophenol	9.910	162	751038	39.069	ng/ul	98
30) Naphthalene	10.275	128	2413854	34.813	ng/ul	99
32) 4-Chloroaniline	10.433	127	872825	33.438	ng/ul	96
33) Hexachlorobutadiene	10.569	225	455706	34.605	ng/ul	99
34) Caprolactam	11.251	113	240364m	44.395	ng/ul	
35) 4-Chloro-3-methylphenol	11.586	107	847059	40.615	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.898	142	1652547	35.987	ng/ul	98
37) 1-Methylnaphthalene	12.122	142	1680767	36.609	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.275	216	862612	36.316	ng/ul	98
40) Hexachlorocyclopentadiene	12.263	237	360675	25.020	ng/ul	100
41) 2,4,6-Trichlorophenol	12.545	196	579557	41.938	ng/ul	97
42) 2,4,5-Trichlorophenol	12.633	196	618539	41.246	ng/ul	100
43) 1,1'-Biphenyl	12.939	154	2117320	35.983	ng/ul	99
44) 2-Chloronaphthalene	12.969	162	1639226	35.550	ng/ul	99
45) 2-Nitroaniline	13.216	65	661192	41.992	ng/ul	99
47) Dimethylphthalate	13.604	163	2105464	37.765	ng/ul	99
48) 2,6-Dinitrotoluene	13.710	165	439757	41.002	ng/ul	99
50) Acenaphthylene	13.827	152	2614643	35.433	ng/ul	100
51) 3-Nitroaniline	14.057	138	461919	46.903	ng/ul	99
52) Acenaphthene	14.169	153	1725719	35.045	ng/ul	100
53) 2,4-Dinitrophenol	14.245	184	125785	25.758	ng/ul	96
55) 4-Nitrophenol	14.421	109	372661	38.119	ng/ul	98
56) Dibenzofuran	14.510	168	2395109	36.068	ng/ul	100
57) 2,4-Dinitrotoluene	14.504	165	609466	41.074	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.757	232	468310	41.330	ng/ul	93
59) Diethylphthalate	14.974	149	2171632	38.901	ng/ul	100
61) Fluorene	15.163	166	1943832	36.330	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.168	204	952805	35.877	ng/ul	100
63) 4-Nitroaniline	15.233	138	416064	50.877	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.263	198	247066	29.782	ng/ul	98
67) N-Nitrosodiphenylamine	15.386	169	1621196	38.649	ng/ul	99
68) 4-Bromophenyl-phenylether	16.057	248	576389	37.348	ng/ul	98
69) Hexachlorobenzene	16.163	284	622479	36.473	ng/ul	99
70) Atrazine	16.363	200	503555	39.603	ng/ul	100
71) Pentachlorophenol	16.527	266	327658	37.837	ng/ul	97
72) Phenanthrene	16.898	178	2850897	36.553	ng/ul	99
74) Anthracene	16.986	178	2791559	35.833	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.892	216	844940	36.806	ng/uL	99
76) Pentachlorobenzene	14.427	250	794378	36.997	ng/uL	97
77) Carbazole	17.274	167	2501179	37.627	ng/ul	99
78) Di-n-butylphthalate	17.845	149	3566287	40.796	ng/ul	99
80) Fluoranthene	18.915	202	2882893	43.773	ng/ul	98
82) Pyrene	19.280	202	2880796	42.574	ng/ul	99
83) Butylbenzylphthalate	20.209	149	1318380	47.807	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.997	252	647970	37.552	ng/ul	100
85) Benzo(a)anthracene	21.050	228	2227672	36.932	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.997	149	1837579	44.849	ng/ul	99
87) Chrysene	21.103	228	2052041	36.775	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	2871034	41.936	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	2036964	37.026	ng/ul	99
91) Benzo(k)fluoranthene	22.991	252	1985705	36.954	ng/ul	99
93) Benzo(a)pyrene	23.662	252	1645261	34.033	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.791	276	2175981	41.217	ng/ul	100
95) Dibenzo(a,h)anthracene	26.838	278	1685806	40.373	ng/ul	99
96) Benzo(g,h,i)perylene	27.732	276	1819792	39.137	ng/ul	100

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

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