Quantitation Report (Qedit)

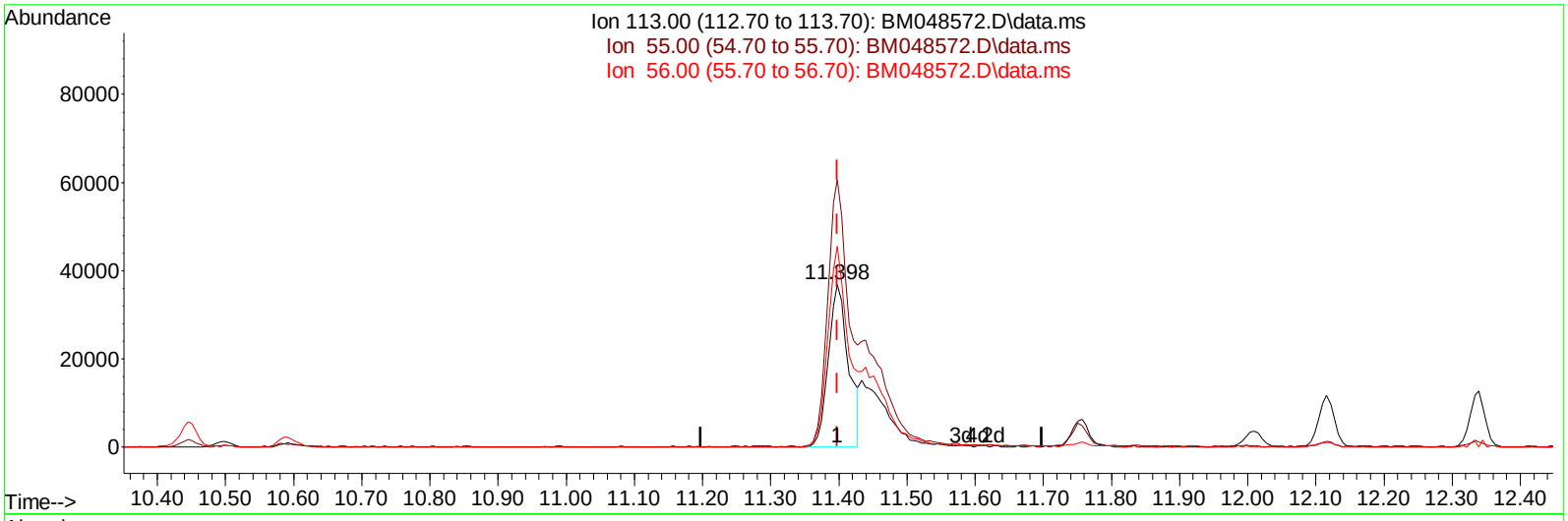
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
Data File : BM048572.D
Acq On : 09 Nov 2024 19:10
Operator : RC/JU
Sample : PB164726BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

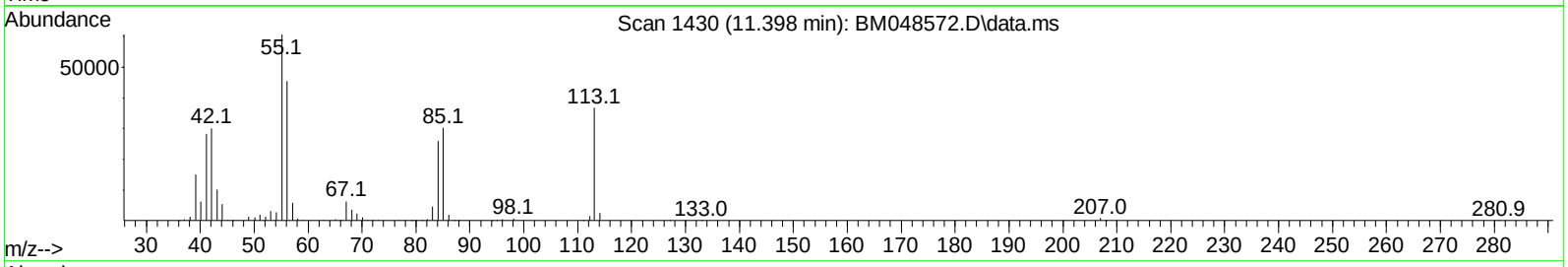
Quant Time: Nov 09 21:51:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:50:20 2024
Response via : Initial Calibration

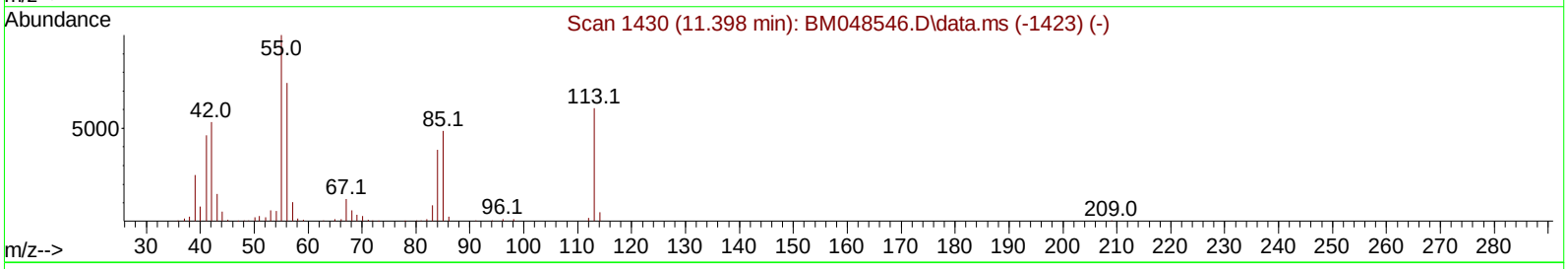
Instrument :
BNA_M
ClientSampleId :
SLCS726

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BM048572.D\data.ms

(34) Caprolactam

11.398min (0.000) 18.89 ng/ul

response 76015

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.10	164.69
56.00	130.10	123.68
0.00	0.00	0.00

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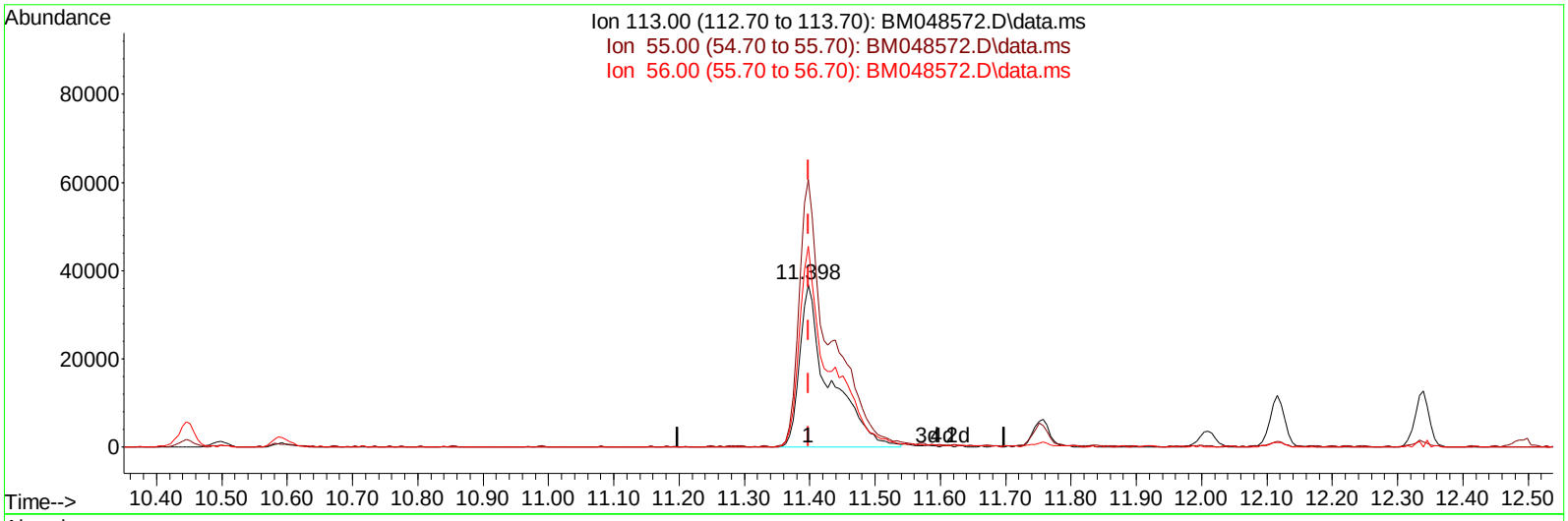

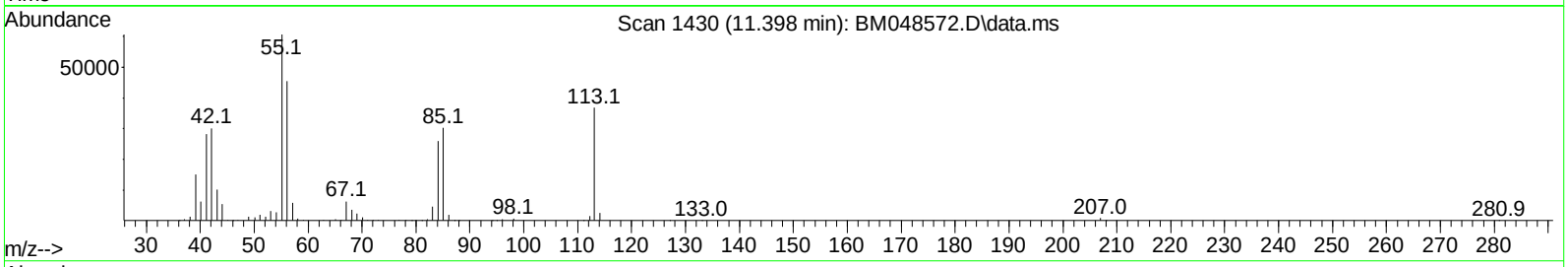

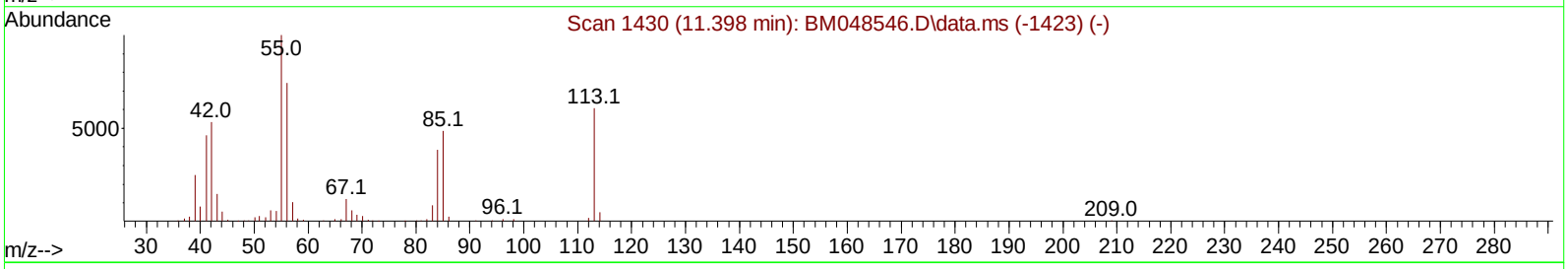

TIC: BM048572.D\data.ms

(34) Caprolactam

11.398min (0.000) 28.86 ng/ul m

response 116140

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.10	164.69
56.00	130.10	123.68
0.00	0.00	0.00

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	208665	20.000	ng/ul	0.00
20) Naphthalene-d8	10.445	136	878791	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	544599	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.056	188	1105164	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	1046452	20.000	ng/ul	0.00
88) Perylene-d12	24.191	264	1194232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	28360	5.418	ng/uL	0.00
4) Pyridine-d5	3.540	84	390330	27.059	ng/ul	0.00
7) Phenol-d5	6.845	99	480251	30.234	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	271045	28.409	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	403677	30.679	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	376458	30.141	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	190489	29.907	ng/ul	0.00
24) 2-Nitrophenol-d4	9.539	143	211835	31.268	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.080	165	385607	30.639	ng/ul	0.00
31) 4-Chloroaniline-d4	10.592	131	436714	24.429	ng/ul	0.00
46) Dimethylphthalate-d6	13.727	166	1017569	29.270	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	1211860	29.567	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	205517	31.829	ng/ul	0.00
60) Fluorene-d10	15.304	176	884564	29.149	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	164546	29.597	ng/ul	0.00
73) Anthracene-d10	17.156	188	1382658	29.564	ng/ul	0.00
81) Pyrene-d10	19.450	212	1627890	30.997	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.991	264	1702134	30.505	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	57697	10.044	ng/uL	97
5) Pyridine	3.557	79	398048	26.881	ng/ul	99
6) Benzaldehyde	6.810	77	31709	4.040	ng/ul	92
8) Phenol	6.869	94	488688	29.323	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.092	93	365456	27.903	ng/ul	98
12) 2-Chlorophenol	7.228	128	408136	29.941	ng/ul	99
13) 2-Methylphenol	8.116	108	361723	29.320	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.181	45	531025	27.571	ng/ul	98
16) Acetophenone	8.486	105	565631	29.053	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.469	70	266632	29.142	ng/ul	99
18) 4-Methylphenol	8.445	108	403910	29.901	ng/ul	98
19) Hexachloroethane	8.733	117	160939	27.938	ng/ul	98
22) Nitrobenzene	8.863	77	405796	28.099	ng/ul	93
23) Isophorone	9.386	82	764596	28.622	ng/ul	100
25) 2-Nitrophenol	9.569	139	221976	30.065	ng/ul	98
26) 2,4-Dimethylphenol	9.639	107	376659	27.312	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.869	93	479527	28.758	ng/ul	99
29) 2,4-Dichlorophenol	10.104	162	377773	29.592	ng/ul	96
30) Naphthalene	10.498	128	1228705	27.624	ng/ul	99
32) 4-Chloroaniline	10.616	127	272109	16.143	ng/ul	97
33) Hexachlorobutadiene	10.780	225	237326	27.471	ng/ul	98
34) Caprolactam	11.398	113	116140m	28.865	ng/ul	
35) 4-Chloro-3-methylphenol	11.751	107	375808	30.422	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.116	142	816915	28.704	ng/ul	99
37) 1-Methylnaphthalene	12.339	142	806784	27.623	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.492	216	432448	27.710	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	184427	23.120	ng/ul	99
41) 2,4,6-Trichlorophenol	12.739	196	294140	29.839	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	317109	30.207	ng/ul	98
43) 1,1'-Biphenyl	13.139	154	1040272	27.936	ng/ul	99
44) 2-Chloronaphthalene	13.180	162	827898	28.175	ng/ul	99
45) 2-Nitroaniline	13.392	65	229274	31.070	ng/ul	95
47) Dimethylphthalate	13.774	163	999650	28.626	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	210426	31.609	ng/ul	96
50) Acenaphthylene	14.027	152	1279984	28.331	ng/ul	100
51) 3-Nitroaniline	14.227	138	213608	29.547	ng/ul	95
52) Acenaphthene	14.374	153	888654	27.939	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	102040	28.507	ng/ul	95
55) 4-Nitrophenol	14.551	109	141572	30.327	ng/ul	96
56) Dibenzofuran	14.710	168	1235710	28.163	ng/ul	100
57) 2,4-Dinitrotoluene	14.686	165	306297	31.653	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	262212	30.028	ng/ul	99
59) Diethylphthalate	15.139	149	1012473	29.427	ng/ul	100
61) Fluorene	15.362	166	972982	28.008	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	478856	27.979	ng/ul	99
63) 4-Nitroaniline	15.392	138	238471	33.498	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.451	198	175828	29.062	ng/ul#	96
67) N-Nitrosodiphenylamine	15.574	169	826864	28.387	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	299762	28.760	ng/ul	99
69) Hexachlorobenzene	16.362	284	356078	28.307	ng/ul	98
70) Atrazine	16.527	200	294861	27.814	ng/ul	98
71) Pentachlorophenol	16.715	266	243006	30.396	ng/ul	99
72) Phenanthrene	17.098	178	1550404	28.286	ng/ul	99
74) Anthracene	17.192	178	1569085	28.524	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	425293	26.976	ng/uL	99
76) Pentachlorobenzene	14.633	250	409961	26.689	ng/uL	98
77) Carbazole	17.462	167	1472473	29.718	ng/ul	99
78) Di-n-butylphthalate	18.027	149	1782363	30.597	ng/ul	100
80) Fluoranthene	19.115	202	1828906	30.014	ng/ul	99
82) Pyrene	19.480	202	1970359	29.821	ng/ul	98
83) Butylbenzylphthalate	20.380	149	831732	32.771	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.191	252	558034	29.350	ng/ul	99
85) Benzo(a)anthracene	21.262	228	1946172	29.502	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.191	149	1193845	32.244	ng/ul	99
87) Chrysene	21.321	228	1844104	29.091	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	2123535	31.543	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1970540	29.974	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	1962578	29.942	ng/ul	99
93) Benzo(a)pyrene	24.056	252	1846092	29.868	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.462	276	2382098	29.656	ng/ul	99
95) Dibenzo(a,h)anthracene	27.515	278	1941621	29.594	ng/ul	100
96) Benzo(g,h,i)perylene	28.485	276	1851155	29.392	ng/ul	99

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

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