Quantitation Report (Qedit)

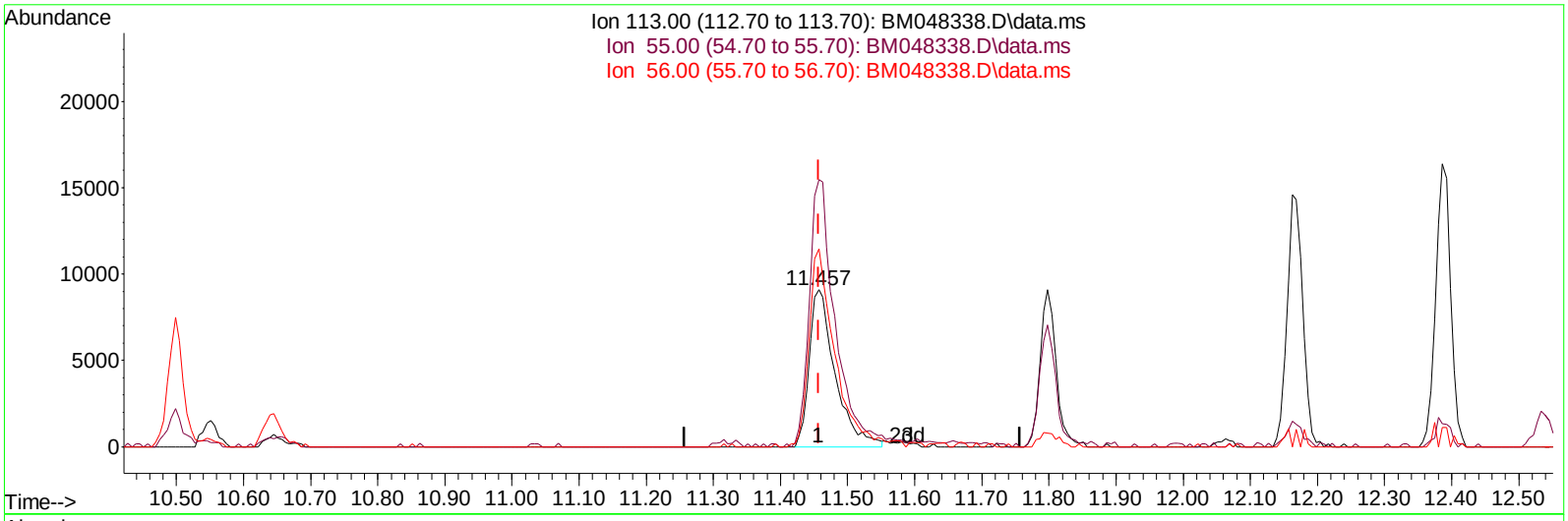
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048338.D
Acq On : 31 Oct 2024 01:32
Operator : RC/JU
Sample : P4534-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

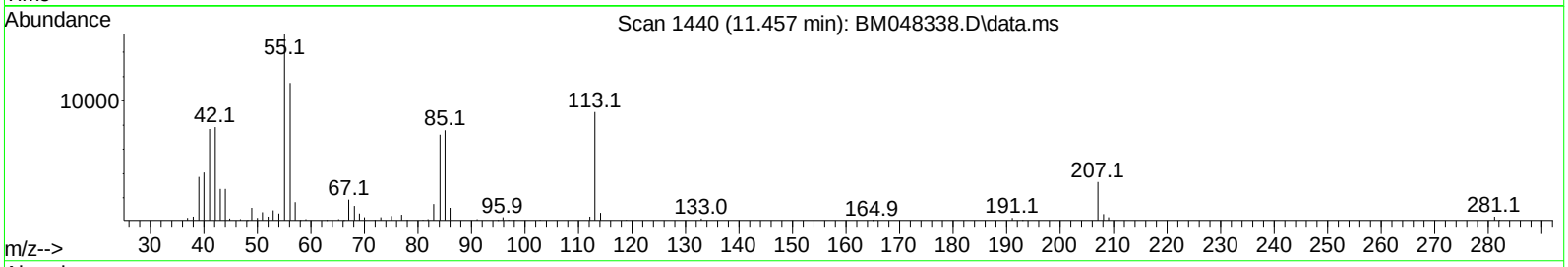
Quant Time: Oct 31 12:21:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

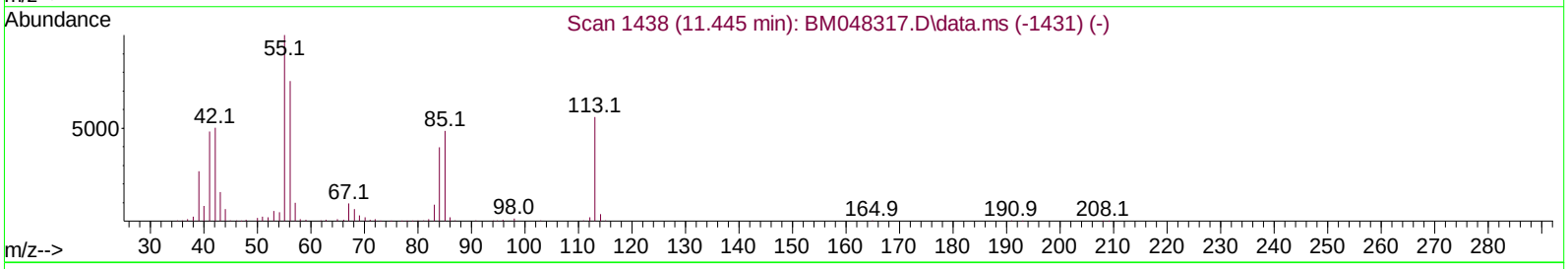
Instrument :
BNA_M
ClientSampleId :
E1L63MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/01/2024
Supervised By :mohammad ahmed 11/01/2024







TIC: BM048338.D\data.ms

(34) Caprolactam

11.457min (+ 0.000) 4.39 ng/ul

response 24334

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	170.09
56.00	132.30	126.26
0.00	0.00	0.00

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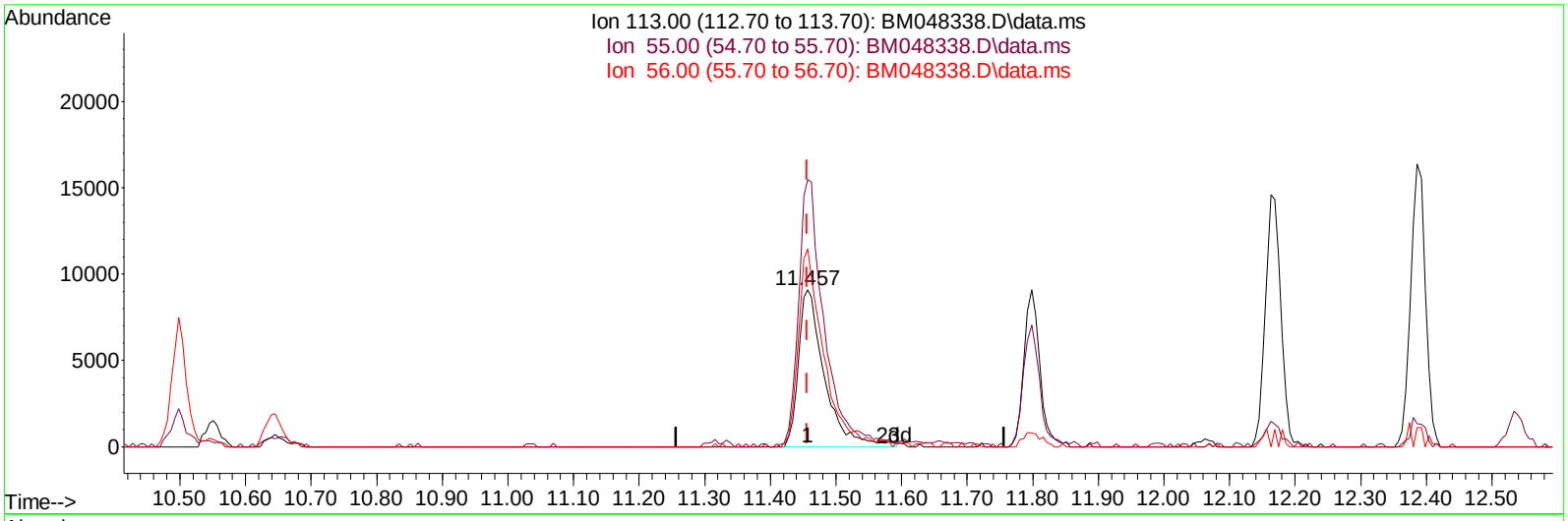

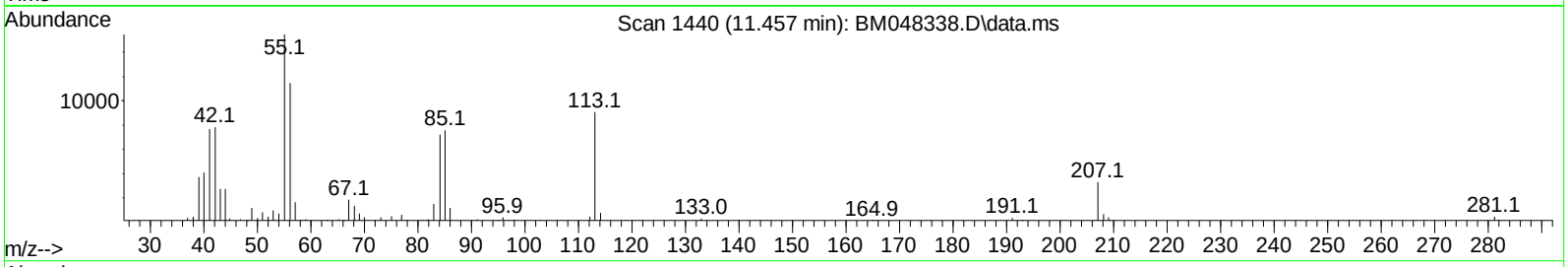

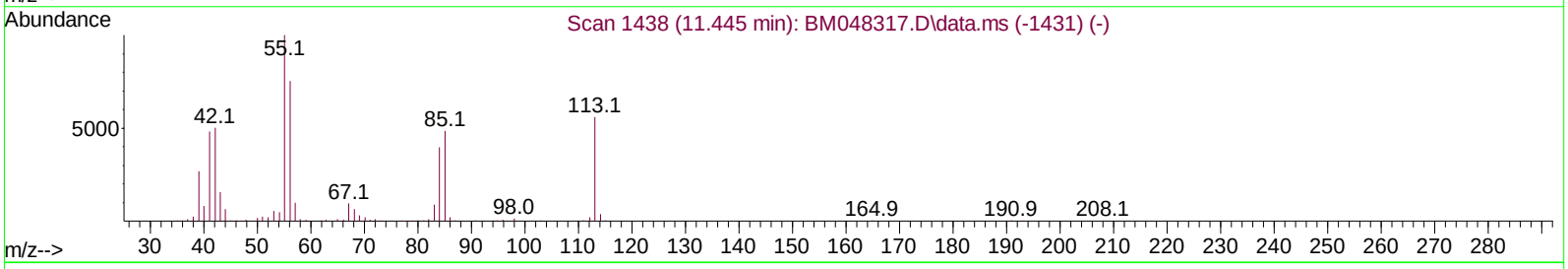

TIC: BM048338.D\data.ms

(34) Caprolactam

11.457min (+ 0.000) 4.50 ng/ul m

response 24935

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	170.09
56.00	132.30	126.26
0.00	0.00	0.00

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Operator : RC/JU
Sample : P4534-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	254867	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.498	136	1047277	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.357	164	621040	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1157874	20.000	ng/ul	-0.01
79) Chrysene-d12	21.321	240	982757	20.000	ng/ul	-0.01
88) Perylene-d12	24.262	264	1061810	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	30226	4.669	ng/uL	0.00
4) Pyridine-d5	3.593	84	81173	4.326	ng/ul	0.00
7) Phenol-d5	6.893	99	166154	7.588	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	409646	30.202	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.245	132	489509	27.491	ng/ul	-0.01
15) 4-Methylphenol-d8	8.428	113	319021	18.147	ng/ul	-0.01
21) Nitrobenzene-d5	8.869	128	266238	31.008	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.587	143	291704	31.361	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.128	165	525416	30.954	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.645	131	355554	15.086	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1616371	34.827	ng/ul	-0.01
49) Acenaphthylene-d8	14.045	160	1659852	31.719	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.574	143	67398	7.941	ng/ul	0.00
60) Fluorene-d10	15.351	176	1310434	33.415	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	279204	36.488	ng/ul	0.00
73) Anthracene-d10	17.198	188	2004061	36.603	ng/ul	-0.01
81) Pyrene-d10	19.486	212	2271483	38.089	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.062	264	2181681	38.955	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	36033	5.265	ng/uL	96
5) Pyridine	3.610	79	100433	5.222	ng/ul	99
6) Benzaldehyde	6.857	77	251883	23.244	ng/ul	97
8) Phenol	6.916	94	183712	8.056	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.140	93	533850	29.304	ng/ul	98
12) 2-Chlorophenol	7.281	128	501090	27.410	ng/ul	98
13) 2-Methylphenol	8.163	108	364115	21.226	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.234	45	789271	28.346	ng/ul	99
16) Acetophenone	8.534	105	829282	29.952	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.522	70	412481	29.047	ng/ul	98
18) 4-Methylphenol	8.492	108	356897	18.850	ng/ul	95
19) Hexachloroethane	8.787	117	135823	17.624	ng/ul	100
22) Nitrobenzene	8.910	77	604123	30.279	ng/ul	98
23) Isophorone	9.439	82	1148347	29.700	ng/ul	98
25) 2-Nitrophenol	9.622	139	309789	30.384	ng/ul	100
26) 2,4-Dimethylphenol	9.687	107	479934	25.641	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.916	93	706571	29.464	ng/ul	100
29) 2,4-Dichlorophenol	10.157	162	524829	30.218	ng/ul	99
30) Naphthalene	10.551	128	1514822	25.898	ng/ul	99
32) 4-Chloroaniline	10.669	127	241160	10.560	ng/ul	100
33) Hexachlorobutadiene	10.834	225	226705	19.588	ng/ul	100
34) Caprolactam	11.457	113	24935m	4.501	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	507423	29.036	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.169	142	1083110	27.471	ng/ul	98
37) 1-Methylnaphthalene	12.386	142	1076100	26.905	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.539	216	584721	29.739	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	208777	17.739	ng/ul	100
41) 2,4,6-Trichlorophenol	12.786	196	416425	32.812	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	468203	34.929	ng/ul	98
43) 1,1'-Biphenyl	13.186	154	1479906	31.070	ng/ul	99
44) 2-Chloronaphthalene	13.227	162	1148758	31.123	ng/ul	99
45) 2-Nitroaniline	13.439	65	352471	34.504	ng/ul	98
47) Dimethylphthalate	13.816	163	1579605	33.936	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	320800	35.446	ng/ul	93
50) Acenaphthylene	14.074	152	1810920	31.681	ng/ul	100
51) 3-Nitroaniline	14.269	138	264341	27.747	ng/ul	98
52) Acenaphthene	14.422	153	1291874	31.850	ng/ul	99
53) 2,4-Dinitrophenol	14.480	184	187870	30.520	ng/ul	91
55) 4-Nitrophenol	14.592	109	49179	7.938	ng/ul	97
56) Dibenzofuran	14.757	168	1814958	32.524	ng/ul	100
57) 2,4-Dinitrotoluene	14.727	165	462358	34.944	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.986	232	383264	33.349	ng/ul	98
59) Diethylphthalate	15.180	149	1596955	34.102	ng/ul	100
61) Fluorene	15.404	166	1457807	32.808	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	727193	32.600	ng/ul	99
63) 4-Nitroaniline	15.433	138	303108	35.138	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.492	198	290106	35.365	ng/ul	94
67) N-Nitrosodiphenylamine	15.616	169	1232120	35.641	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	454466	35.975	ng/ul	98
69) Hexachlorobenzene	16.410	284	535598	35.435	ng/ul	97
70) Atrazine	16.568	200	277080	23.410	ng/ul	99
71) Pentachlorophenol	16.757	266	329697	34.474	ng/ul	98
72) Phenanthrene	17.139	178	2299569	35.866	ng/ul	100
74) Anthracene	17.233	178	2288403	35.660	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	589874	32.192	ng/uL	98
76) Pentachlorobenzene	14.674	250	617473	33.112	ng/uL	99
77) Carbazole	17.504	167	2086416	37.028	ng/ul	100
78) Di-n-butylphthalate	18.062	149	2731883	36.894	ng/ul	100
80) Fluoranthene	19.157	202	2577009	37.137	ng/ul	99
82) Pyrene	19.521	202	2742626	36.863	ng/ul	99
83) Butylbenzylphthalate	20.415	149	1167901	37.986	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	451447	21.053	ng/ul	98
85) Benzo(a)anthracene	21.303	228	2561744	36.146	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1720105	38.825	ng/ul	98
87) Chrysene	21.362	228	2437048	36.568	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2879313	36.247	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2498044	36.866	ng/ul	99
91) Benzo(k)fluoranthene	23.397	252	2575598	37.963	ng/ul	100
93) Benzo(a)pyrene	24.127	252	2323781	37.697	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.579	276	3123227	42.070	ng/ul	99
95) Dibenzo(a,h)anthracene	27.627	278	2594750	42.736	ng/ul	100
96) Benzo(g,h,i)perylene	28.615	276	2437299	42.782	ng/ul	98

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

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