Quantitation Report (Qedit)

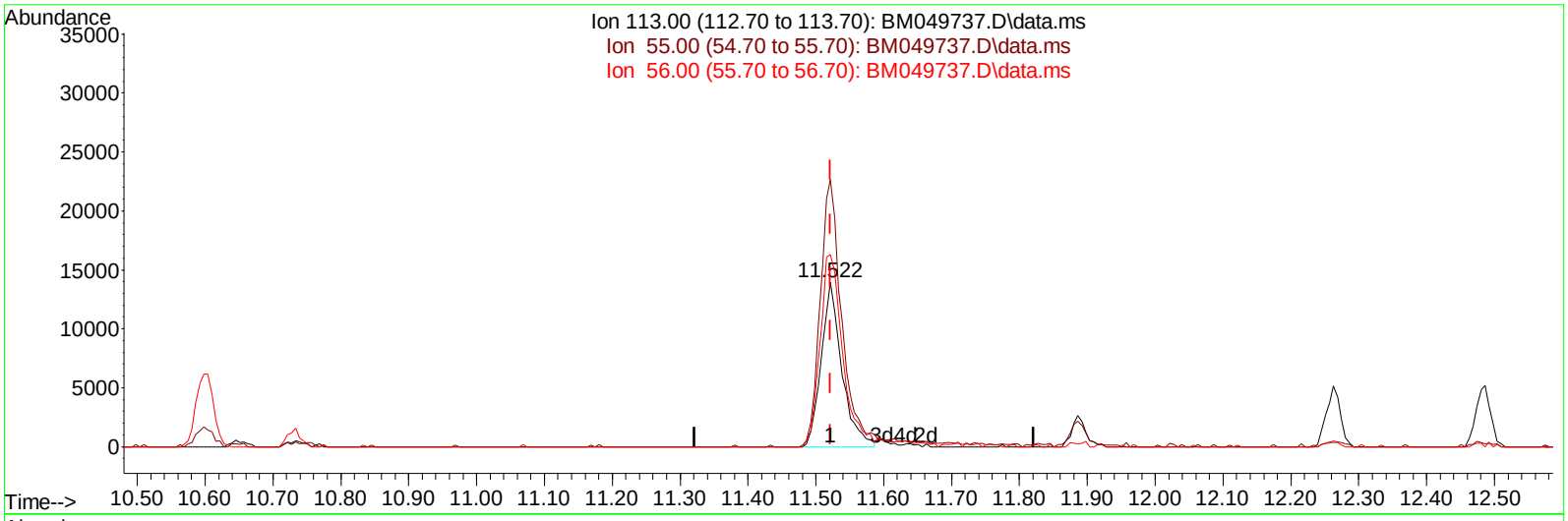
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032125\
Data File : BM049737.D
Acq On : 21 Mar 2025 12:21
Operator : RC/JU
Sample : SSTD01091
Misc :
ALS Vial : 3 Sample Multiplier: 1

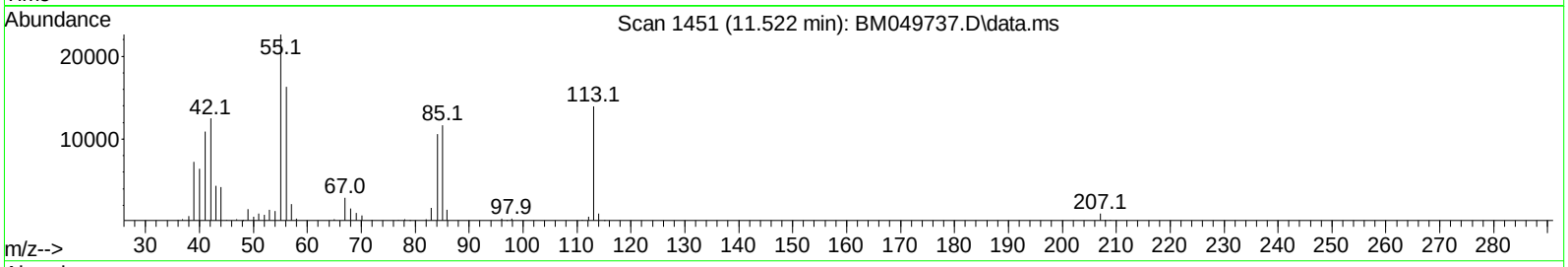
Quant Time: Mar 21 16:07:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:01:21 2025
Response via : Initial Calibration

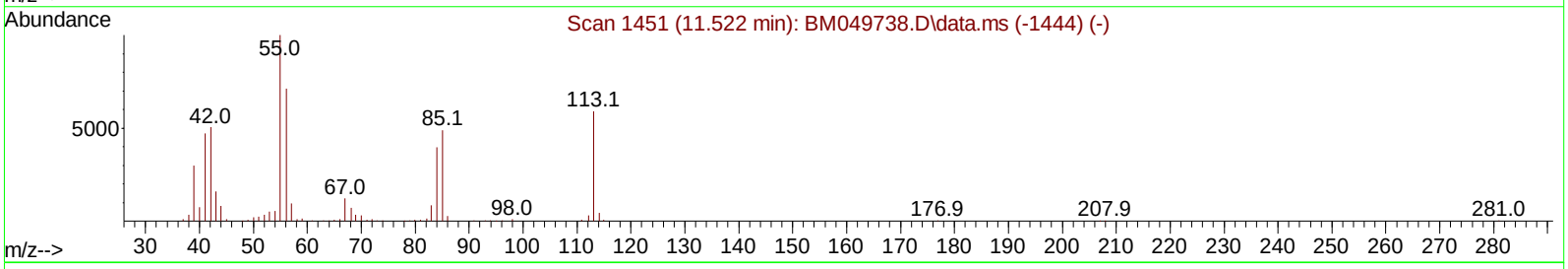
Instrument :
BNA_M
ClientSampleId :
SSTD010035

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025







TIC: BM049737.D\data.ms

(34) Caprolactam

11.522min (0.000) 6.18 ng/ul

response 29382

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	170.10	162.15
56.00	120.80	116.89
0.00	0.00	0.00

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Operator : RC/JU
Sample : SSTD01091
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:01:21 2025
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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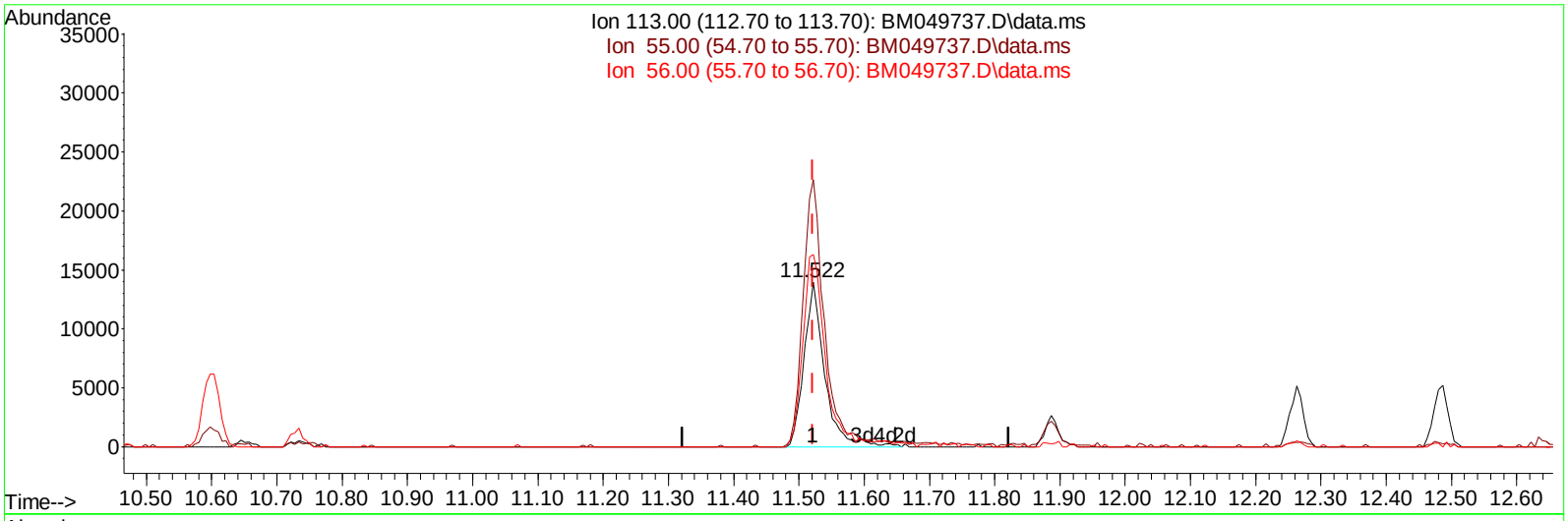

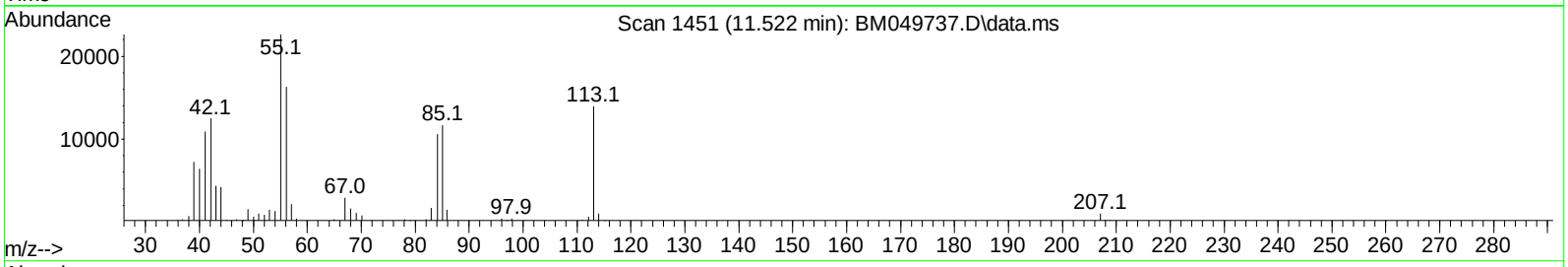

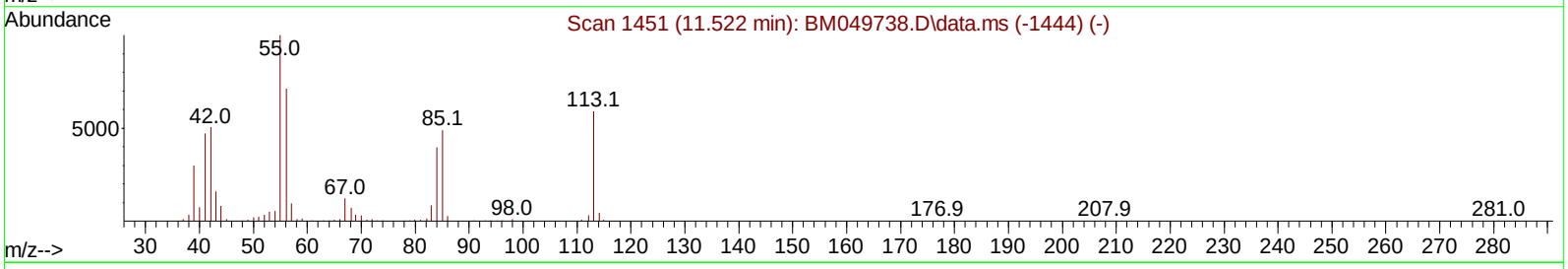

TIC: BM049737.D\data.ms

(34) Caprolactam

11.522min (0.000) 6.43 ng/ul m

response 30551

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	170.10	162.15
56.00	120.80	116.89
0.00	0.00	0.00

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Operator : RC/JU
Sample : SSTD01091
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 21 16:08:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:01:21 2025
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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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	7.804	152	290823	20.000	ng/ul	0.00
20) Naphthalene-d8	10.598	136	989582	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	621315	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1158453	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	1067907	20.000	ng/ul	0.00
88) Perylene-d12	24.444	264	1058230	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	28463	3.997	ng/uL	0.00
4) Pyridine-d5	3.669	84	194244	8.937	ng/ul	0.00
7) Phenol-d5	6.975	99	184445	7.872	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	132487	9.018	ng/ul	0.00
11) 2-Chlorophenol-d4	7.339	132	151058	8.594	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	137012	7.635	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	64963	8.686	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	61360	7.690	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	150289	8.627	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	181968	8.227	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	395433	8.712	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	474631	8.928	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	52396	6.856	ng/ul	0.00
60) Fluorene-d10	15.433	176	349327	8.615	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	40159	5.684	ng/ul	0.00
73) Anthracene-d10	17.286	188	515182	8.784	ng/ul	0.00
81) Pyrene-d10	19.574	212	545906	8.506	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.233	264	478305	8.467	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	30521	4.034	ng/uL	94
5) Pyridine	3.687	79	200215	9.212	ng/ul	96
6) Benzaldehyde	6.945	77	136724	11.089	ng/ul	95
8) Phenol	6.998	94	202348	8.399	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	172563	8.974	ng/ul	99
12) 2-Chlorophenol	7.375	128	161162	8.831	ng/ul	96
13) 2-Methylphenol	8.251	108	133580	7.701	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.328	45	213243	8.919	ng/ul	99
16) Acetophenone	8.622	105	242468	8.319	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.610	70	115424	7.782	ng/ul	98
18) 4-Methylphenol	8.575	108	150449	7.880	ng/ul	94
19) Hexachloroethane	8.886	117	73601	9.242	ng/ul	98
22) Nitrobenzene	8.998	77	175826	9.297	ng/ul	99
23) Isophorone	9.528	82	287677	8.053	ng/ul	99
25) 2-Nitrophenol	9.716	139	74538	8.385	ng/ul	99
26) 2,4-Dimethylphenol	9.780	107	146115	8.882	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.010	93	197520	8.874	ng/ul	100
29) 2,4-Dichlorophenol	10.251	162	156348	8.939	ng/ul	99
30) Naphthalene	10.651	128	474764	9.235	ng/ul	99
32) 4-Chloroaniline	10.757	127	181579	8.628	ng/ul	97
33) Hexachlorobutadiene	10.945	225	122816	9.640	ng/ul	99
34) Caprolactam	11.522	113	30551m	6.428	ng/ul	
35) 4-Chloro-3-methylphenol	11.886	107	116485	7.604	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	321982	8.528	ng/ul	99
37) 1-Methylnaphthalene	12.486	142	319726	8.577	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	215245	9.436	ng/ul	99
40) Hexachlorocyclopentadiene	12.621	237	115545	8.485	ng/ul	96
41) 2,4,6-Trichlorophenol	12.874	196	109768	8.442	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	118315	8.445	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	433143	9.379	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	357247	9.710	ng/ul	98
45) 2-Nitroaniline	13.516	65	67090	7.676	ng/ul	90
47) Dimethylphthalate	13.898	163	395975	8.853	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	61837	7.471	ng/ul	95
50) Acenaphthylene	14.163	152	488073	9.002	ng/ul	99
51) 3-Nitroaniline	14.339	138	60485	7.628	ng/ul	97
52) Acenaphthene	14.510	153	355422	9.097	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	24903	4.982	ng/ul	94
55) 4-Nitrophenol	14.651	109	45312	7.718	ng/ul	98
56) Dibenzofuran	14.845	168	511389	9.266	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	90763	7.531	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.068	232	86892	7.628	ng/ul	99
59) Diethylphthalate	15.268	149	356317	8.316	ng/ul	99
61) Fluorene	15.492	166	406795	8.590	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.486	204	218149	8.328	ng/ul	99
63) 4-Nitroaniline	15.504	138	59064	7.910	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.562	198	48022	6.073	ng/ul	99
67) N-Nitrosodiphenylamine	15.698	169	318783	9.087	ng/ul	98
68) 4-Bromophenyl-phenylether	16.380	248	119333	8.662	ng/ul	98
69) Hexachlorobenzene	16.498	284	137122	8.774	ng/ul	100
70) Atrazine	16.651	200	107913	8.077	ng/ul	99
71) Pentachlorophenol	16.839	266	60358	6.075	ng/ul	98
72) Phenanthrene	17.227	178	595577	9.113	ng/ul	99
74) Anthracene	17.315	178	592511	9.056	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	205655	10.197	ng/uL	99
76) Pentachlorobenzene	14.763	250	189191	9.434	ng/uL	99
77) Carbazole	17.586	167	491259	8.751	ng/ul	99
78) Di-n-butylphthalate	18.156	149	514372	8.044	ng/ul	99
80) Fluoranthene	19.245	202	630721	8.742	ng/ul	99
82) Pyrene	19.603	202	685084	8.942	ng/ul#	96
83) Butylbenzylphthalate	20.509	149	181672	7.494	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.333	252	154872	7.149	ng/ul	98
85) Benzo(a)anthracene	21.409	228	657650	8.959	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	281010	7.759	ng/ul	100
87) Chrysene	21.468	228	614140	9.240	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	404462	6.045	ng/ul	100
90) Benzo(b)fluoranthene	23.491	252	586057	8.197	ng/ul	100
91) Benzo(k)fluoranthene	23.550	252	614527	8.517	ng/ul	98
93) Benzo(a)pyrene	24.297	252	543931	8.502	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.838	276	684630	9.557	ng/ul	99
95) Dibenzo(a,h)anthracene	27.903	278	555255	9.549	ng/ul	98
96) Benzo(g,h,i)perylene	28.897	276	538714	10.035	ng/ul	99

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

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