Quantitation Report (Qedit)

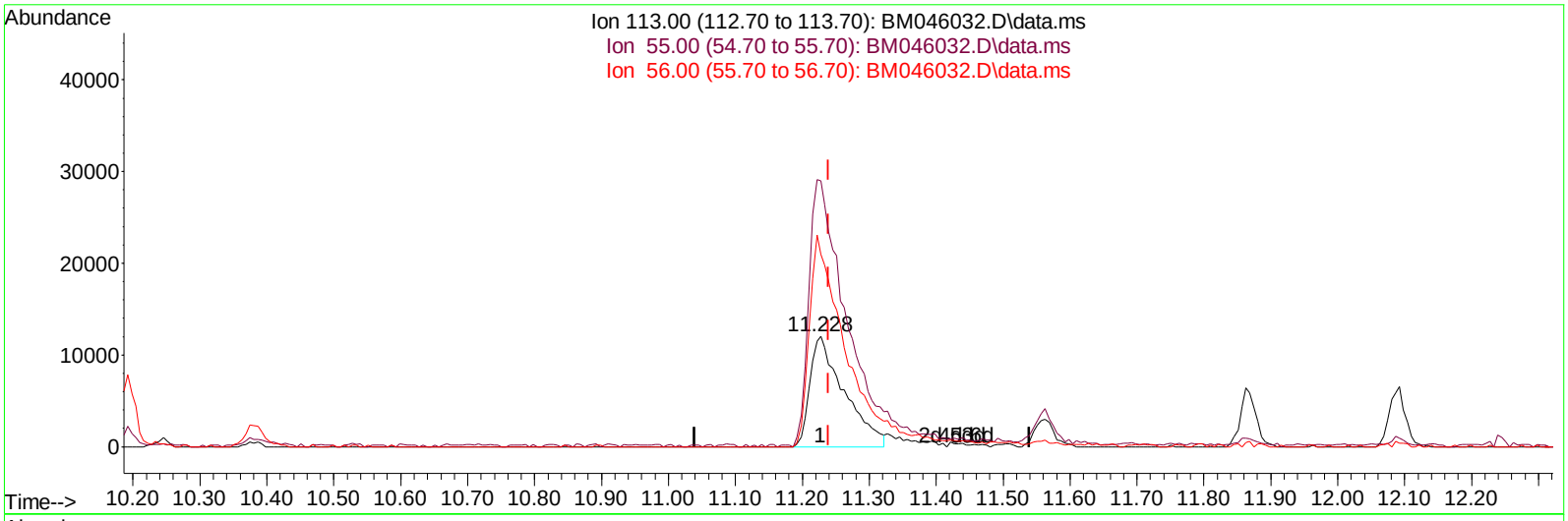
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061424\
Data File : BM046032.D
Acq On : 14 Jun 2024 10:25
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

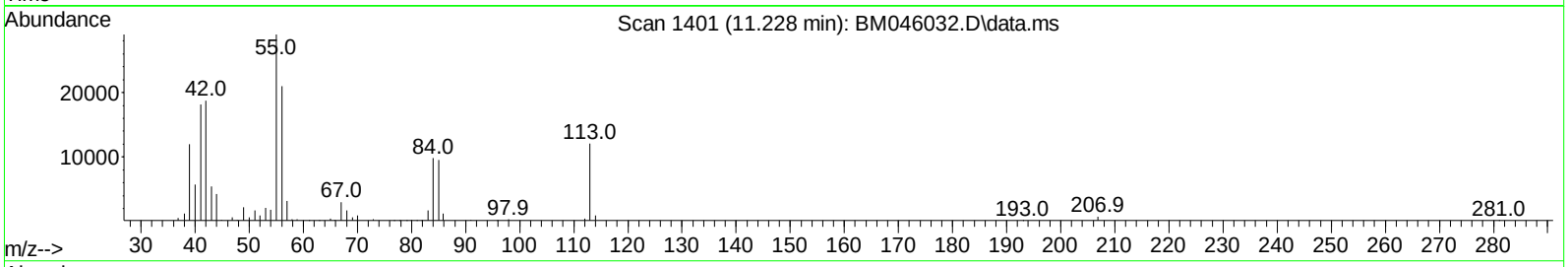
Quant Time: Jun 14 11:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

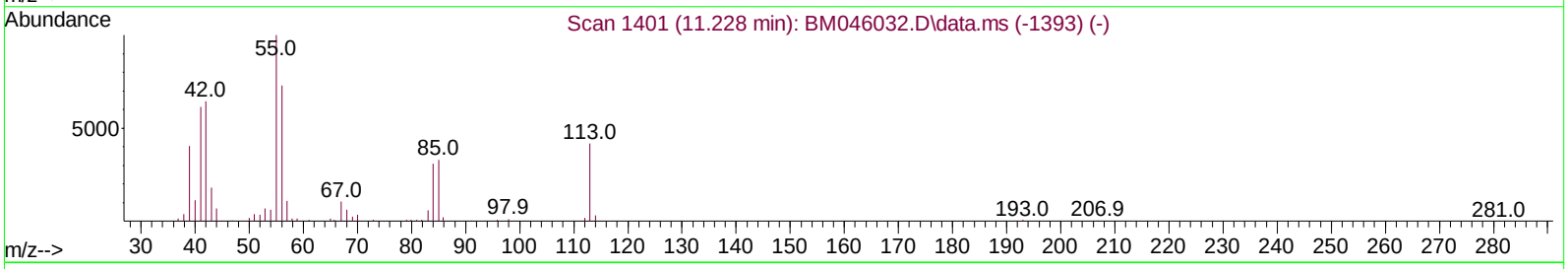
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024







TIC: BM046032.D\data.ms

(34) Caprolactam

11.228min (-0.012) 17.87 ng/ul

response 42745

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	240.76
56.00	162.60	174.06
0.00	0.00	0.00

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LabSampleId :
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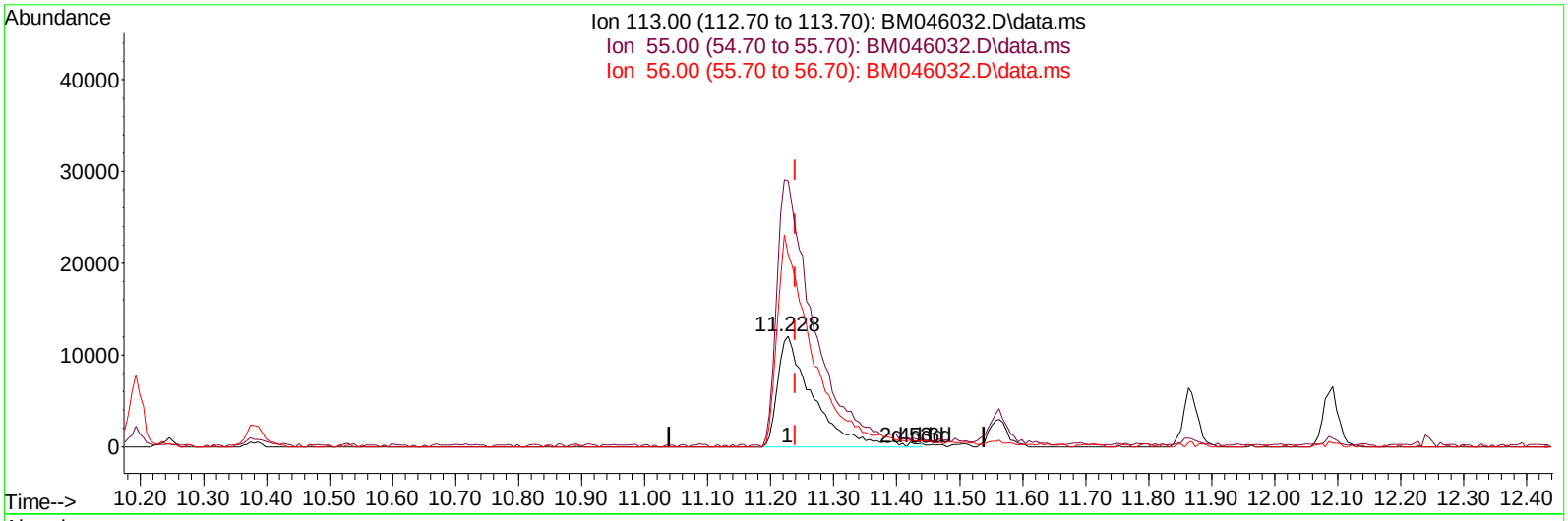

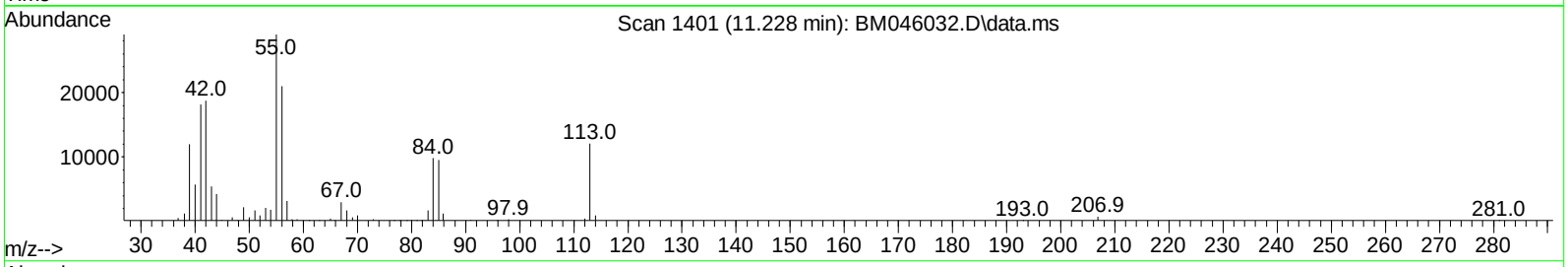

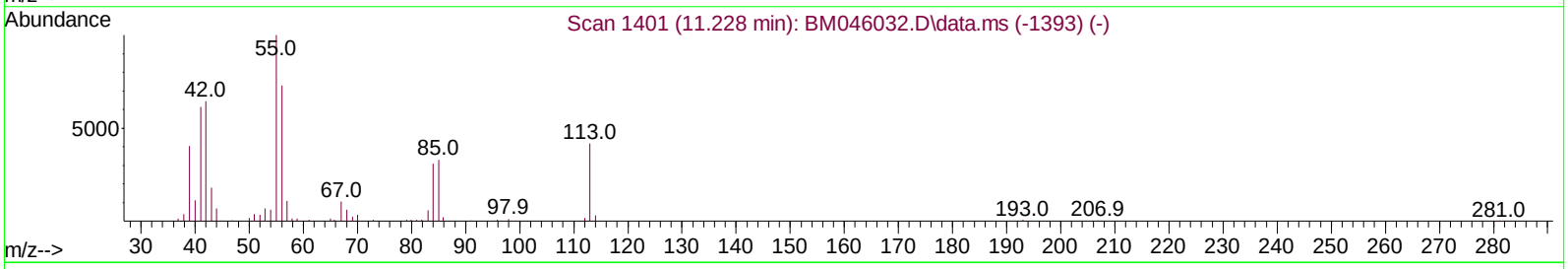

TIC: BM046032.D\data.ms

(34) Caprolactam

11.228min (-0.012) 19.61 ng/ul m

response 46919

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	240.76
56.00	162.60	174.06
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	140360	20.000	ng/ul	0.00
20) Naphthalene-d8	10.192	136	574601	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.074	164	347504	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	703984	20.000	ng/ul	0.00
79) Chrysene-d12	21.039	240	660848	20.000	ng/ul	0.00
88) Perylene-d12	23.744	264	769790	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	20418	5.640	ng/uL	0.00
4) Pyridine-d5	3.446	84	150837	16.182	ng/ul	0.00
7) Phenol-d5	6.687	99	206029	17.279	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	143045	16.706	ng/ul	0.00
11) 2-Chlorophenol-d4	6.993	132	156886	17.614	ng/ul	0.00
15) 4-Methylphenol-d8	8.198	113	157890	17.527	ng/ul	-0.01
21) Nitrobenzene-d5	8.592	128	80225	17.857	ng/ul	0.00
24) 2-Nitrophenol-d4	9.304	143	87131	19.163	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.851	165	157613	18.485	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.381	131	205159	17.385	ng/ul	0.00
46) Dimethylphthalate-d6	13.522	166	429466	17.852	ng/ul	-0.01
49) Acenaphthylene-d8	13.763	160	506693	18.137	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.386	143	100934	19.440	ng/ul	0.00
60) Fluorene-d10	15.074	176	367765	17.919	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	62207	17.304	ng/ul	0.00
73) Anthracene-d10	16.921	188	549364	17.951	ng/ul	0.00
81) Pyrene-d10	19.227	212	629184	15.310	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.562	264	655492	18.219	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.069	88	24178	6.034	ng/uL#	86
5) Pyridine	3.463	79	159222	16.632	ng/ul	88
6) Benzaldehyde	6.610	77	113364	20.213	ng/ul	95
8) Phenol	6.716	94	216683	17.522	ng/ul	90
10) Bis(2-Chloroethyl)ether	6.887	93	167566	16.234	ng/ul	94
12) 2-Chlorophenol	7.028	128	164452	17.526	ng/ul	96
13) 2-Methylphenol	7.934	108	157818	17.428	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	7.981	45	385503	18.962	ng/ul	99
16) Acetophenone	8.269	105	260115	17.325	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.257	70	149235	17.988	ng/ul	88
18) 4-Methylphenol	8.263	108	170000	18.143	ng/ul	98
19) Hexachloroethane	8.492	117	75568	16.767	ng/ul	98
22) Nitrobenzene	8.634	77	230220	18.310	ng/ul	98
23) Isophorone	9.163	82	408051	18.367	ng/ul	99
25) 2-Nitrophenol	9.334	139	92468	18.604	ng/ul	95
26) 2,4-Dimethylphenol	9.439	107	179897	17.841	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.645	93	223846	16.596	ng/ul	98
29) 2,4-Dichlorophenol	9.881	162	154721	18.213	ng/ul	98
30) Naphthalene	10.239	128	532944	17.394	ng/ul	98
32) 4-Chloroaniline	10.404	127	201437	17.463	ng/ul	97
33) Hexachlorobutadiene	10.533	225	102883	17.679	ng/ul	98
34) Caprolactam	11.228	113	46919m	19.610	ng/ul	
35) 4-Chloro-3-methylphenol	11.563	107	169196	18.358	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	11.869	142	350053	17.250	ng/ul	97
37) 1-Methylnaphthalene	12.092	142	346777	17.092	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.245	216	183760	17.656	ng/ul	98
40) Hexachlorocyclopentadiene	12.227	237	91538	14.492	ng/ul	99
41) 2,4,6-Trichlorophenol	12.516	196	117180	19.352	ng/ul	98
42) 2,4,5-Trichlorophenol	12.604	196	125737	19.136	ng/ul	99
43) 1,1'-Biphenyl	12.904	154	438890	17.023	ng/ul	99
44) 2-Chloronaphthalene	12.939	162	354499	17.546	ng/ul	99
45) 2-Nitroaniline	13.186	65	143161	20.751	ng/ul	91
47) Dimethylphthalate	13.574	163	432986	17.725	ng/ul	99
48) 2,6-Dinitrotoluene	13.680	165	88988	18.936	ng/ul	88
50) Acenaphthylene	13.792	152	585892	18.121	ng/ul	99
51) 3-Nitroaniline	14.033	138	87303	20.231	ng/ul	100
52) Acenaphthene	14.139	153	388274	17.996	ng/ul	98
53) 2,4-Dinitrophenol	14.227	184	48251	22.550	ng/ul	85
55) 4-Nitrophenol	14.392	109	90330	21.087	ng/ul	93
56) Dibenzofuran	14.480	168	522786	17.968	ng/ul	98
57) 2,4-Dinitrotoluene	14.480	165	131072	20.160	ng/ul#	68
58) 2,3,4,6-Tetrachlorophenol	14.733	232	108108	21.775	ng/ul	97
59) Diethylphthalate	14.939	149	453411	18.537	ng/ul	98
61) Fluorene	15.133	166	433631	18.497	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.139	204	210553	18.094	ng/ul	99
63) 4-Nitroaniline	15.210	138	81931	22.865	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.239	198	69216	17.543	ng/ul#	88
67) N-Nitrosodiphenylamine	15.357	169	350389	17.564	ng/ul	100
68) 4-Bromophenyl-phenylether	16.027	248	126770	17.272	ng/ul	96
69) Hexachlorobenzene	16.133	284	143236	17.646	ng/ul	98
70) Atrazine	16.333	200	102245	16.908	ng/ul	98
71) Pentachlorophenol	16.504	266	105698	25.664	ng/ul	95
72) Phenanthrene	16.868	178	655407	17.669	ng/ul	99
74) Anthracene	16.957	178	670180	18.088	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.863	216	184929	16.938	ng/uL	98
76) Pentachlorobenzene	14.398	250	176521	17.286	ng/uL	96
77) Carbazole	17.251	167	603513	19.090	ng/ul	99
78) Di-n-butylphthalate	17.815	149	771426	18.555	ng/ul	99
80) Fluoranthene	18.892	202	764892	15.352	ng/ul	99
82) Pyrene	19.256	202	796214	15.554	ng/ul	99
83) Butylbenzylphthalate	20.180	149	357859	17.154	ng/ul	92
84) 3,3'-Dichlorobenzidine	20.974	252	229536	17.584	ng/ul	99
85) Benzo(a)anthracene	21.021	228	787578	17.260	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.974	149	524245	16.914	ng/ul	99
87) Chrysene	21.080	228	719464	17.044	ng/ul	99
89) Di-n-octyl phthalate	21.992	149	908952	15.439	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	798316	16.875	ng/ul	99
91) Benzo(k)fluoranthene	22.956	252	807040	17.466	ng/ul	99
93) Benzo(a)pyrene	23.621	252	760674	18.298	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.732	276	934768	20.591	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	768165	21.394	ng/ul	100
96) Benzo(g,h,i)perylene	27.662	276	756888	18.930	ng/ul	97

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

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