Quantitation Report (Qedit)

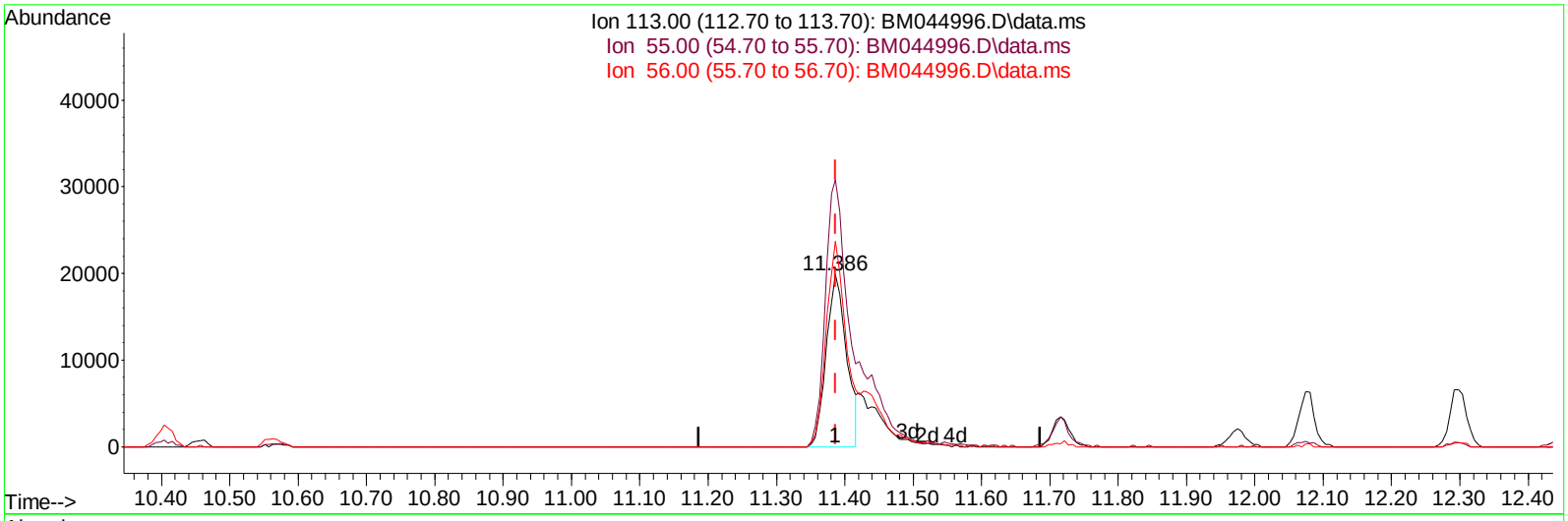
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
Data File : BM044996.D
Acq On : 07 Apr 2024 07:01
Operator : MA/JU
Sample : PB160055BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

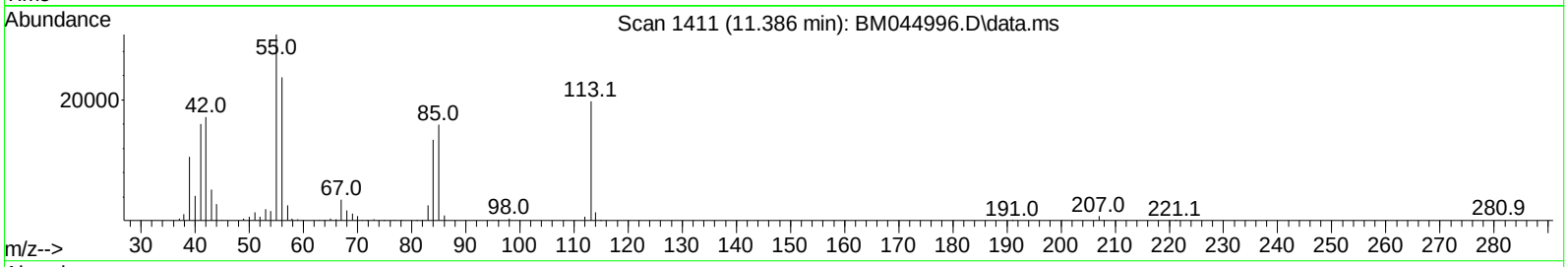
Quant Time: Apr 08 05:08:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 05:01:54 2024
Response via : Initial Calibration

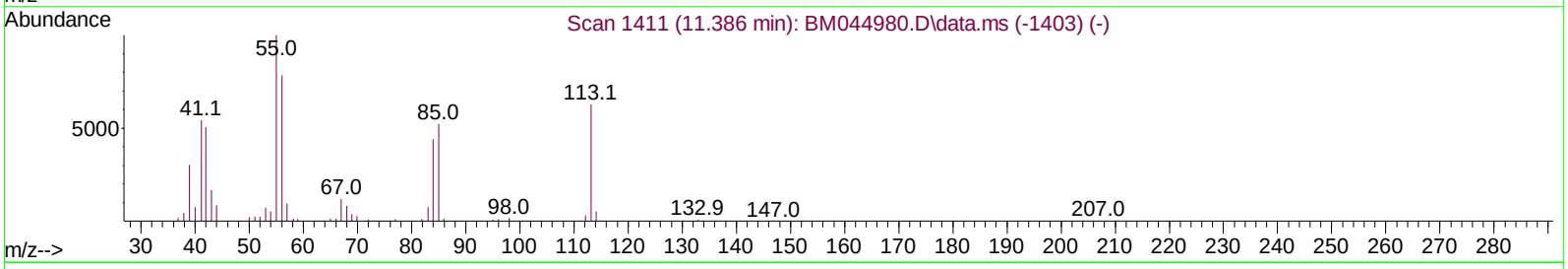
Instrument :
BNA_M
ClientSampleId :
SLCS055

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/09/2024
Supervised By :mohammad ahmed 04/09/2024







TIC: BM044996.D\data.ms

(34) Caprolactam

11.386min (-0.000) 22.07 ng/ul

response 41016

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	155.24
56.00	114.80	119.68
0.00	0.00	0.00

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ClientSampleId :
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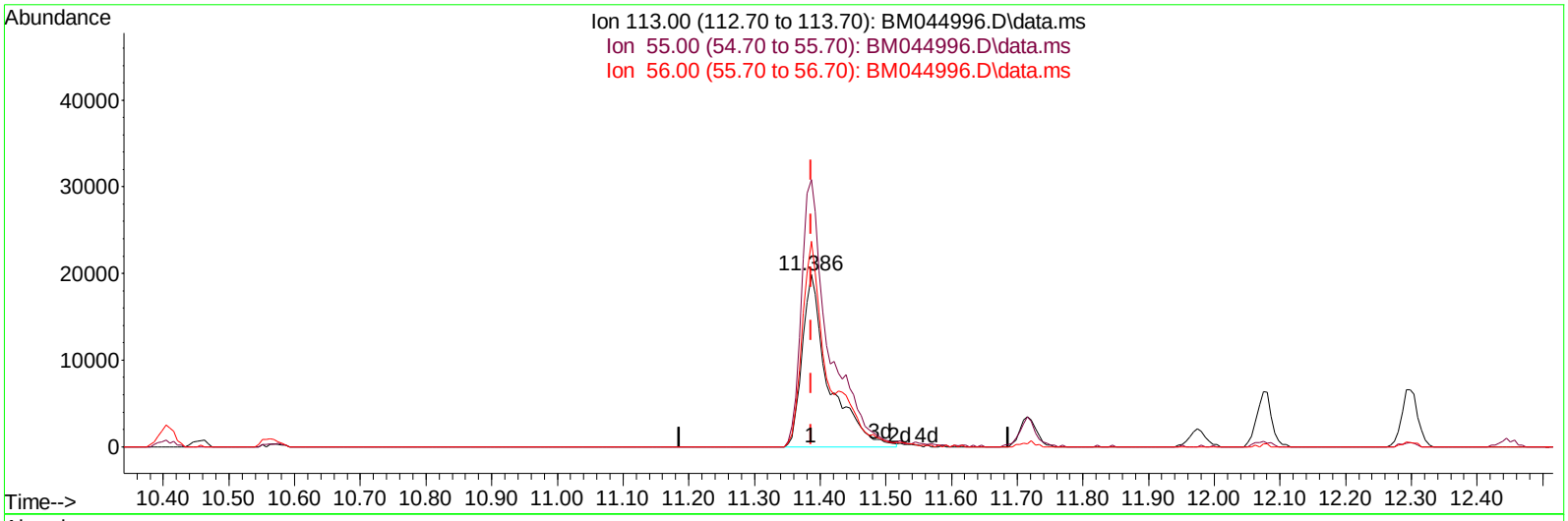

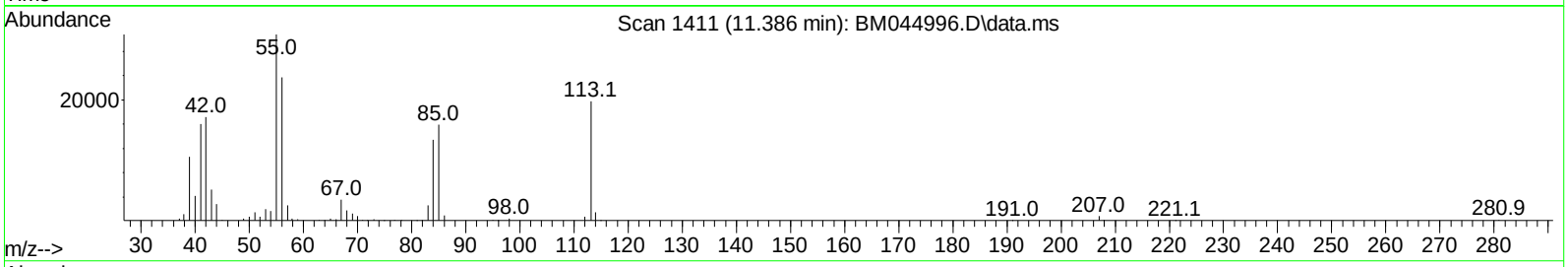

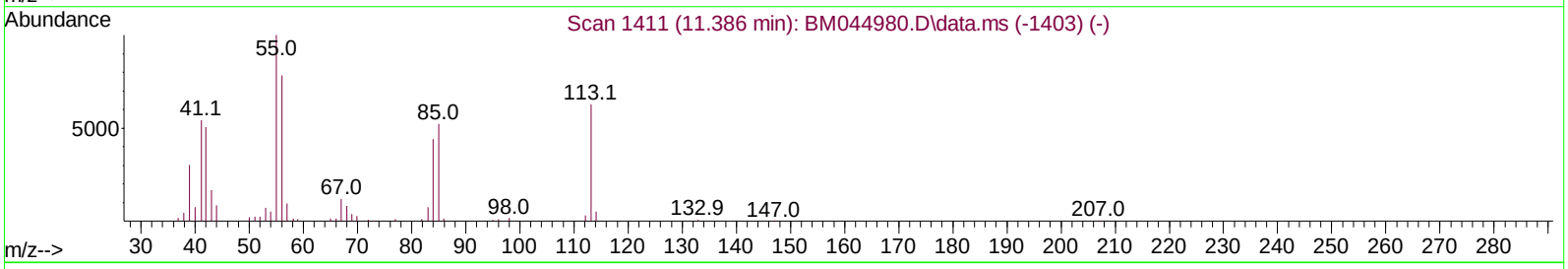

TIC: BM044996.D\data.ms

(34) Caprolactam

11.386min (-0.000) 29.94 ng/ul m

response 55639

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	155.24
56.00	114.80	119.68
0.00	0.00	0.00

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Acq On : 07 Apr 2024 07:01
Operator : MA/JU
Sample : PB160055BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 08 05:49:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 05:01:54 2024
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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	7.628	152	83350	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	366486	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	226778	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	472725	20.000	ng/ul	0.00
79) Chrysene-d12	21.244	240	468240	20.000	ng/ul	0.00
88) Perylene-d12	23.468	264	544668	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	10659	4.775	ng/uL	0.00
4) Pyridine-d5	3.610	84	96777	15.944	ng/ul	0.00
7) Phenol-d5	6.816	99	117252	16.594	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	70289	16.696	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	96753	17.478	ng/ul	0.00
15) 4-Methylphenol-d8	8.345	113	92018	16.637	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	45784	16.264	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	51164	17.219	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.033	165	99007	18.174	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	128203	14.781	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	259704	16.447	ng/ul	0.00
49) Acenaphthylene-d8	13.968	160	306642	16.439	ng/ul	0.00
54) 4-Nitrophenol-d4	14.515	143	48024	14.573	ng/ul	0.00
60) Fluorene-d10	15.280	176	226443	16.086	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.421	200	39544	14.108	ng/ul	0.00
73) Anthracene-d10	17.139	188	348321	16.380	ng/ul	0.00
81) Pyrene-d10	19.445	212	401529	17.415	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.327	264	445969	16.784	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	24310	10.429	ng/uL#	84
5) Pyridine	3.622	79	195560	30.407	ng/ul	97
6) Benzaldehyde	6.798	77	128713	39.295	ng/ul	95
8) Phenol	6.845	94	239735	32.763	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.075	93	177033	31.001	ng/ul	98
12) 2-Chlorophenol	7.198	128	197744	34.042	ng/ul	98
13) 2-Methylphenol	8.075	108	174867	32.377	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.157	45	216721	31.818	ng/ul	99
16) Acetophenone	8.457	105	278736	30.998	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.439	70	140676	33.134	ng/ul	94
18) 4-Methylphenol	8.404	108	191391	32.877	ng/ul	98
19) Hexachloroethane	8.681	117	83825	32.810	ng/ul	99
22) Nitrobenzene	8.833	77	214574	31.068	ng/ul	98
23) Isophorone	9.357	82	390248	30.754	ng/ul	99
25) 2-Nitrophenol	9.533	139	108695	32.959	ng/ul	89
26) 2,4-Dimethylphenol	9.598	107	180401	28.373	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.839	93	235275	31.275	ng/ul	98
29) 2,4-Dichlorophenol	10.063	162	183678	33.372	ng/ul	99
30) Naphthalene	10.457	128	592625	30.547	ng/ul	99
32) 4-Chloroaniline	10.586	127	235883	27.950	ng/ul	97
33) Hexachlorobutadiene	10.722	225	103749	30.317	ng/ul	91
34) Caprolactam	11.386	113	55639m	29.943	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	184523	33.725	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.074	142	398247	31.439	ng/ul	98
37) 1-Methylnaphthalene	12.298	142	399641	31.176	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	203056	32.741	ng/ul	100
40) Hexachlorocyclopentadiene	12.410	237	85649	22.813	ng/ul	95
41) 2,4,6-Trichlorophenol	12.704	196	138625	34.265	ng/ul	98
42) 2,4,5-Trichlorophenol	12.774	196	154615	34.685	ng/ul	96
43) 1,1'-Biphenyl	13.110	154	506731	31.643	ng/ul	98
44) 2-Chloronaphthalene	13.145	162	406961	31.280	ng/ul	99
45) 2-Nitroaniline	13.374	65	122012	33.974	ng/ul	96
47) Dimethylphthalate	13.757	163	498444	30.201	ng/ul	100
48) 2,6-Dinitrotoluene	13.880	165	102847	31.793	ng/ul	89
50) Acenaphthylene	13.998	152	670990	30.799	ng/ul	99
51) 3-Nitroaniline	14.215	138	114832	32.544	ng/ul	95
52) Acenaphthene	14.345	153	445224	30.626	ng/ul	98
53) 2,4-Dinitrophenol	14.427	184	50856	26.443	ng/ul	96
55) 4-Nitrophenol	14.533	109	82917	28.610	ng/ul	89
56) Dibenzofuran	14.686	168	618423	31.087	ng/ul	99
57) 2,4-Dinitrotoluene	14.674	165	155518	32.118	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.915	232	126200	33.079	ng/ul	97
59) Diethylphthalate	15.127	149	515995	30.646	ng/ul	99
61) Fluorene	15.339	166	513579	30.631	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.339	204	239182	30.434	ng/ul	99
63) 4-Nitroaniline	15.386	138	107212	33.420	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.439	198	80860	26.938	ng/ul	95
67) N-Nitrosodiphenylamine	15.557	169	421555	33.057	ng/ul	100
68) 4-Bromophenyl-phenylether	16.233	248	149664	32.507	ng/ul	94
69) Hexachlorobenzene	16.333	284	188452	31.467	ng/ul	97
70) Atrazine	16.527	200	148821	31.726	ng/ul	98
71) Pentachlorophenol	16.692	266	113560	31.215	ng/ul	97
72) Phenanthrene	17.080	178	784121	30.823	ng/ul	98
74) Anthracene	17.174	178	794946	30.549	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	198656	33.342	ng/uL	96
76) Pentachlorobenzene	14.598	250	205187	32.367	ng/uL	97
77) Carbazole	17.456	167	749483	29.870	ng/ul	99
78) Di-n-butylphthalate	18.027	149	948698	33.526	ng/ul	100
80) Fluoranthene	19.109	202	937747	34.484	ng/ul	99
82) Pyrene	19.474	202	999323	34.054	ng/ul	99
83) Butylbenzylphthalate	20.397	149	445933	36.270	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.174	252	323546	31.076	ng/ul	96
85) Benzo(a)anthracene	21.233	228	1000468	31.490	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.174	149	716895	37.302	ng/ul	99
87) Chrysene	21.286	228	945686	31.930	ng/ul	99
89) Di-n-octyl phthalate	22.056	149	1221830	35.654	ng/ul	100
90) Benzo(b)fluoranthene	22.803	252	1073363	33.812	ng/ul	100
91) Benzo(k)fluoranthene	22.850	252	1037369	32.466	ng/ul	99
93) Benzo(a)pyrene	23.374	252	888821	28.768	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.709	276	1294712	32.351	ng/ul	99
95) Dibenzo(a,h)anthracene	25.721	278	1067543	31.905	ng/ul	99
96) Benzo(g,h,i)perylene	26.391	276	976784	30.938	ng/ul	99

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

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