Quantitation Report (Qedit)

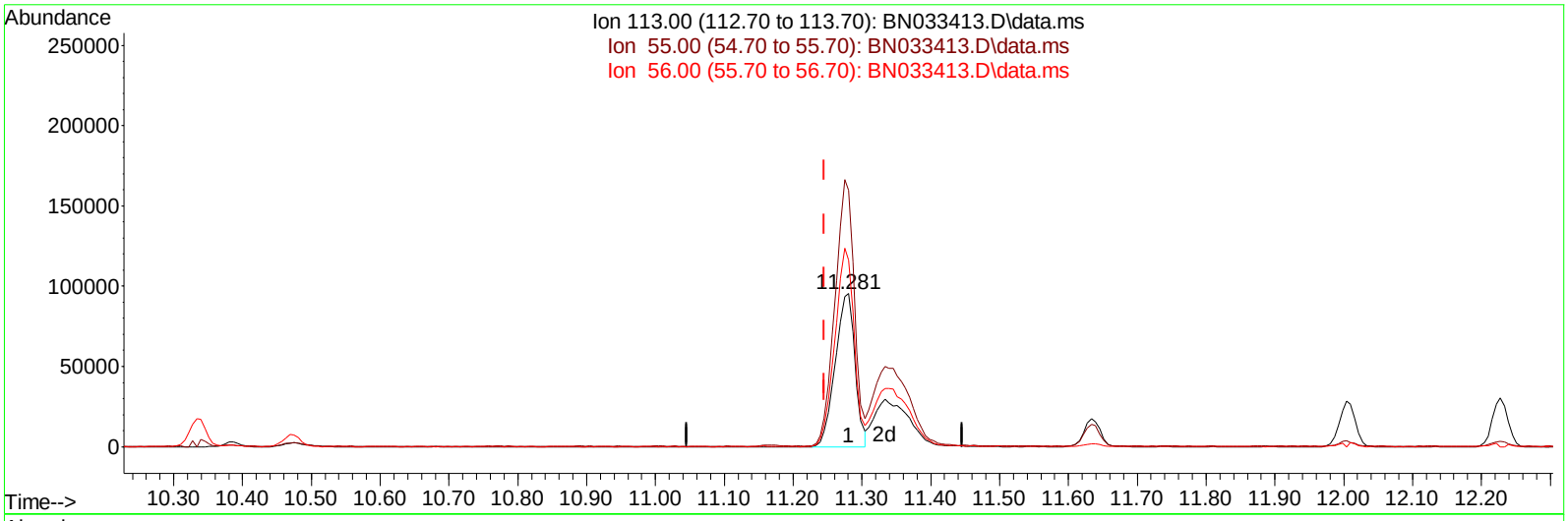
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081524\
Data File : BN033413.D
Acq On : 16 Aug 2024 00:09
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 23 Sample Multiplier: 1

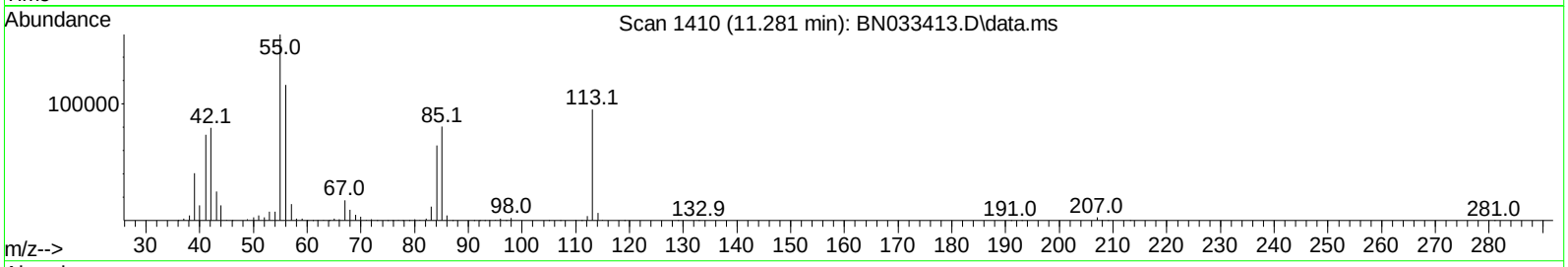
Quant Time: Aug 16 01:15:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 02:12:11 2024
Response via : Initial Calibration

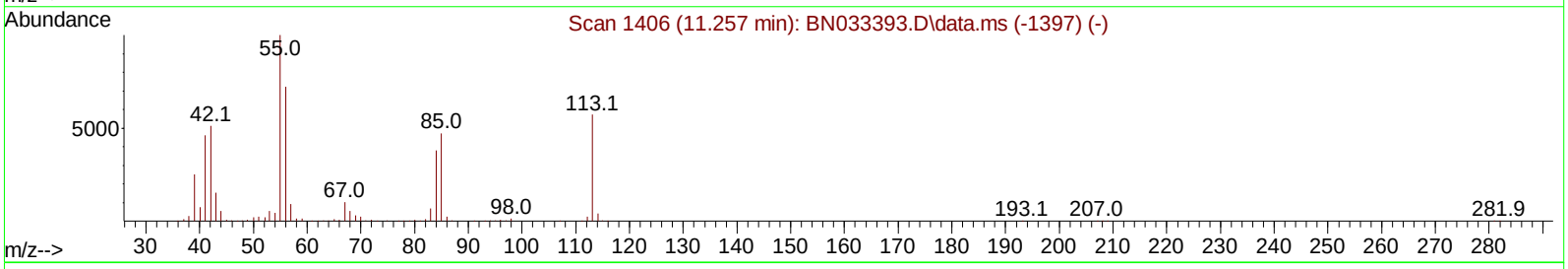
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024







TIC: BN033413.D\data.ms

(34) Caprolactam

11.281min (+ 0.035) 12.07 ng/ul

response 188166

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.70	167.34
56.00	131.40	121.77
0.00	0.00	0.00

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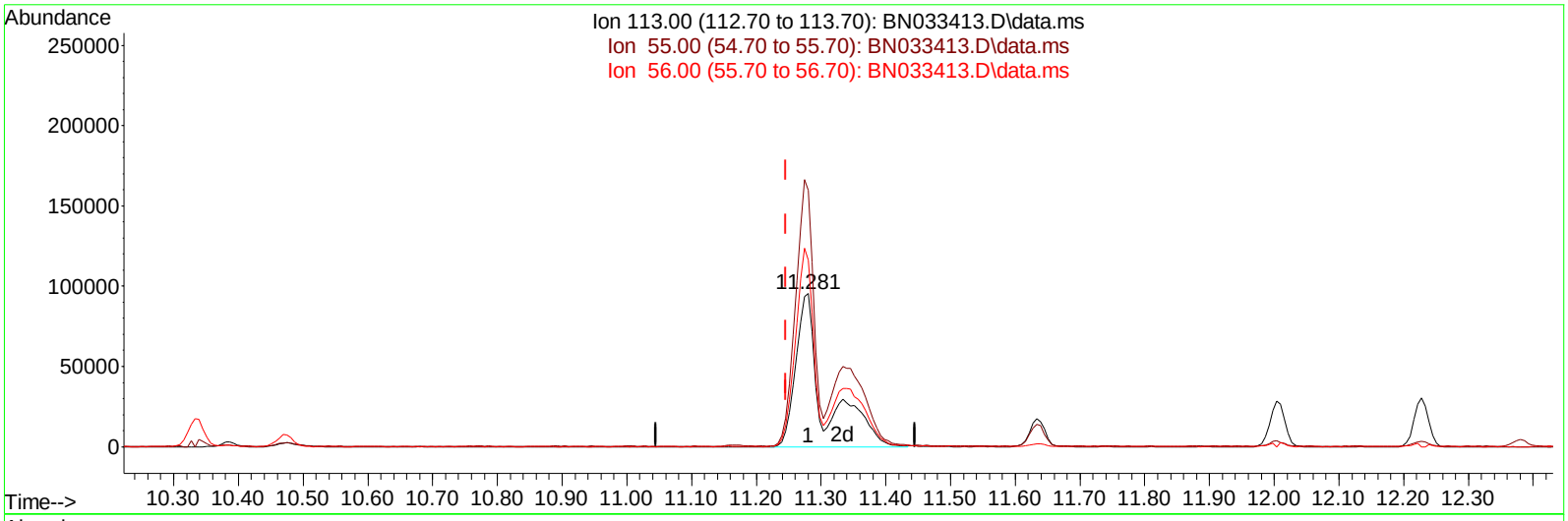

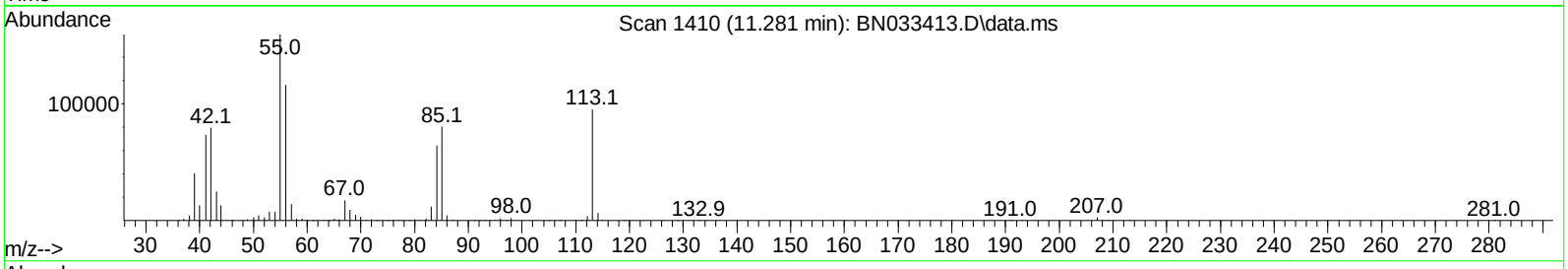

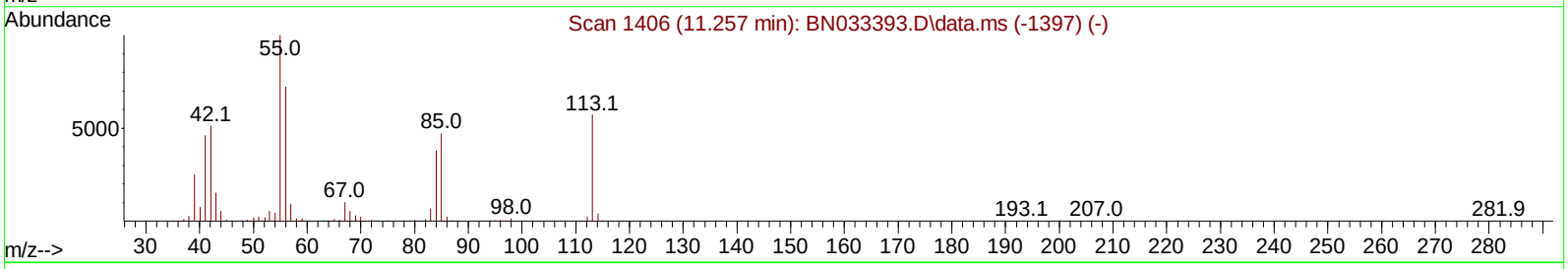

TIC: BN033413.D\data.ms

(34) Caprolactam

11.281min (+ 0.035) 18.68 ng/ul m

response 291251

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.70	167.34
56.00	131.40	121.77
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	562184	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	2530168	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.210	164	1629139	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	3393586	20.000	ng/ul	0.00
79) Chrysene-d12	21.192	240	2295990	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	2322366	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.157	96	91311	6.626	ng/uL	0.00
4) Pyridine-d5	3.546	84	734765	17.573	ng/ul	0.00
7) Phenol-d5	6.757	99	1039246	20.154	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.916	67	620420	18.765	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132	840738	21.628	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	860738	20.186	ng/ul	0.00
21) Nitrobenzene-d5	8.710	128	423488	21.992	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	463152	27.315	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	846494	22.424	ng/ul	0.00
31) 4-Chloroaniline-d4	10.475	131	1201966	19.099	ng/ul	0.00
46) Dimethylphthalate-d6	13.633	166	2370648	19.121	ng/ul	0.00
49) Acenaphthylene-d8	13.898	160	2843305	20.483	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	491021	20.496	ng/ul	0.01
60) Fluorene-d10	15.210	176	2042317	19.207	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.333	200	387448	24.241	ng/ul	0.00
73) Anthracene-d10	17.057	188	3101075	19.274	ng/ul	0.00
81) Pyrene-d10	19.357	212	3252431	25.653	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	2416026	20.008	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	96091	6.646	ng/uL	96
5) Pyridine	3.563	79	744478	17.320	ng/ul	94
6) Benzaldehyde	6.722	77	624589	23.311	ng/ul	99
8) Phenol	6.781	94	1077185	19.880	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.010	93	831693	19.276	ng/ul	98
12) 2-Chlorophenol	7.140	128	857080	21.134	ng/ul	99
13) 2-Methylphenol	8.016	108	821149	20.032	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.092	45	1250843	17.859	ng/ul	97
16) Acetophenone	8.381	105	1304937	18.845	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.381	70	645759	18.249	ng/ul	97
18) 4-Methylphenol	8.345	108	901570	19.648	ng/ul	100
19) Hexachloroethane	8.634	117	339573	20.038	ng/ul	96
22) Nitrobenzene	8.751	77	984964	20.342	ng/ul	99
23) Isophorone	9.287	82	1831863	18.643	ng/ul	99
25) 2-Nitrophenol	9.457	139	497539	25.144	ng/ul	99
26) 2,4-Dimethylphenol	9.534	107	934095	19.943	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.769	93	1153652	18.958	ng/ul	99
29) 2,4-Dichlorophenol	9.992	162	824841	21.127	ng/ul	99
30) Naphthalene	10.387	128	2757108	19.544	ng/ul	100
32) 4-Chloroaniline	10.498	127	1158352	18.820	ng/ul	96
33) Hexachlorobutadiene	10.681	225	515513	21.124	ng/ul	97
34) Caprolactam	11.281	113	291251m	18.679	ng/ul	
35) 4-Chloro-3-methylphenol	11.634	107	927225	20.644	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.004	142	1923155	19.370	ng/ul	99
37) 1-Methylnaphthalene	12.228	142	1925906	19.192	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.381	216	991401	21.254	ng/ul	94
40) Hexachlorocyclopentadiene	12.369	237	384338	14.869	ng/ul	98
41) 2,4,6-Trichlorophenol	12.628	196	669109	23.378	ng/ul	98
42) 2,4,5-Trichlorophenol	12.698	196	721601	22.388	ng/ul	93
43) 1,1'-Biphenyl	13.039	154	2473683	20.133	ng/ul	99
44) 2-Chloronaphthalene	13.075	162	1935324	20.319	ng/ul	99
45) 2-Nitroaniline	13.280	65	615284	22.484	ng/ul	97
47) Dimethylphthalate	13.680	163	2393200	19.229	ng/ul	99
48) 2,6-Dinitrotoluene	13.792	165	520121	22.994	ng/ul	93
50) Acenaphthylene	13.927	152	3039172	20.049	ng/ul	99
51) 3-Nitroaniline	14.116	138	576764	22.517	ng/ul	99
52) Acenaphthene	14.275	153	2096770	19.575	ng/ul	98
53) 2,4-Dinitrophenol	14.322	184	273826	24.506	ng/ul	94
55) 4-Nitrophenol	14.439	109	369664	19.702	ng/ul	94
56) Dibenzofuran	14.610	168	2908871	19.450	ng/ul	98
57) 2,4-Dinitrotoluene	14.580	165	750457	22.076	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.839	232	617378	23.570	ng/ul	98
59) Diethylphthalate	15.063	149	2471381	19.034	ng/ul	99
61) Fluorene	15.263	166	2327856	18.912	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.269	204	1132051	19.168	ng/ul	98
63) 4-Nitroaniline	15.286	138	566315	21.481	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.345	198	427856	23.687	ng/ul	97
67) N-Nitrosodiphenylamine	15.480	169	2019512	19.789	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	715087	20.644	ng/ul	97
69) Hexachlorobenzene	16.269	284	807517	20.362	ng/ul	90
70) Atrazine	16.451	200	752648	19.823	ng/ul	98
71) Pentachlorophenol	16.610	266	569061	22.809	ng/ul	100
72) Phenanthrene	17.004	178	3581722	18.875	ng/ul	97
74) Anthracene	17.092	178	3739355	19.343	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	12.992	216	999065	21.836	ng/uL	97
76) Pentachlorobenzene	14.527	250	961714	20.424	ng/uL	97
77) Carbazole	17.363	167	3331656	18.694	ng/ul	99
78) Di-n-butylphthalate	17.957	149	4413516	19.828	ng/ul	100
80) Fluoranthene	19.027	202	3904593	26.339	ng/ul	98
82) Pyrene	19.386	202	3969946	24.708	ng/ul	99
83) Butylbenzylphthalate	20.321	149	1808368	28.088	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.109	252	1024801	19.579	ng/ul	94
85) Benzo(a)anthracene	21.174	228	3303741	19.997	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.145	149	2803002	26.835	ng/ul	98
87) Chrysene	21.233	228	3095002	19.919	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	4391572	29.360	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2894716	20.049	ng/ul	98
91) Benzo(k)fluoranthene	23.192	252	2860490	19.957	ng/ul	99
93) Benzo(a)pyrene	23.892	252	2678782	19.578	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.180	276	3259502	19.196	ng/ul	96
95) Dibenzo(a,h)anthracene	27.233	278	2658231	19.116	ng/ul	97
96) Benzo(g,h,i)perylene	28.156	276	2483060	19.028	ng/ul	97

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

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